Tuesday, April 19, 2022	**City Council**	**Council Chambers**
5:00 PM	**Tuesday Meeting Agenda**	**200 Forrest Street**

Call to Order

Call to Prayer and Pledge of Allegiance

Presentation Agenda

POLICY AGENDA

1.	**2022-286**	Approve the minutes for the April 4 & 5, 2022 meetings of the City Council.
2.	**2022-213**	Adopt a Resolution setting Public Hearing on Monday, May 16th, 2022 at 4:00 p.m. in the City Council Chambers located at City Hall to determine if certain properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community, according to the provision of MS Code 1972, Section 21-19-11.
3.	**2022-258**	Adopt an Ordinance filed by Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative, to change the zoning classification for property located on Bonhomie Road (PPIN 27685, Forrest County, Ward 5) from Section 5.4.10 Community Business District B-3 to Section 5.4.3 Residential District R-1A. The Planning Commission recommended to APPROVE on April 6, 2022.
4.	**2022-260**	Adopt an Ordinance amending the Midtown Form Based Code, Ord. 3105, so that Section 3.17 C.3.b.v. removes: “Chevy Chase Drive”. The Planning Commission recommended to APPROVE on April 6, 2022.
5.	**2022-257**	Approve or deny a petition filed by Stephens Daniel, Applicant, and Carol Drake, Owner as required in the Flood Damage Prevention Ordinance No. 3294, to request a variance from Article 6, Section E, which states that qualifying historic structures may apply for a flood variance from the requirement to elevate or flood-proof the structure, for 100 Hardy St (Ward 4). The Planning Commission recommended to APPROVE on April 6, 2022.

6. **2022-259** Approve or Deny a petition has been filed by Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative, to request a Conditional Use as a "Solar Farm" in R-1A (contingent on zoning change) for a property located on Bonhomie Road (PPIN 27685, Forrest County, Ward 5). The Planning Commission recommended to APPROVE on April 6, 2022 with the condition that the developer observe school zones during construction.

7. **2022-261** Approve or Deny a petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request Sec 4.4 the use of "Parking lot or garage" as a primary use for properties located on Lorraine Street, S. 30th Avenue, and S. 31st Avenue (PPIN'S 20856; 20857; 20849; 20855; 20850; Ward 3). The Planning Commission recommended to APPROVE on April 6, 2022.

8. **2022-262** Approve or Deny a petition filed by Juli Martinez, Owner, to request a variance from section 10, Table 10.6 "Sign Message Area (Max)(sq. ft)" for wall signs in residential districts, "50 square feet", and instead allow a wall sign of 108 square feet for a variance of 68 square feet for the property located at 1503 Country Club Road (Ward 5). The Board of Adjustment recommended to APPROVE on April 6, 2022.

9. **2022-263** Approve or Deny a petition filed by Kevin P. Lewis, Representative, to request a variance from section 7.10.11.1 "Perimeter Landscaping: of 10 feet for the property located at 120 Mayfair Road (Lamar Co., Ward 3). The Board of Adjustment recommended to APPROVE on April 6, 2022.

10. **2022-264** Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5.2 (F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width for a variance of 20.3% lot width for property located on Chevy Chase Drive (PPIN'S 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840 Ward 3). The Board of Adjustment recommended to APPROVE on April 6, 2022.

11. **2022-265** Approve or Deny the petition filed Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5.2(F) of 30% lot width for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to APPROVE on April 6, 2022.

12. **2022-266** Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5.2(H) which states a Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorraine Street for a variance from the requirement for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to Approve on April 6, 2022.

13. **2022-267** Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 5, Section 5.1.B. which requires the proposed development to provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31% reduction for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to Approve on April 6, 2022.

14. **2022-268** Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5.3 (A) which states the Building height maximum is 60' and instead allow 65' (average) for a variance of 5' for the average building height maximum for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to Approve on April 6, 2022.

15. **2022-269** Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5 4. Transparency (A) of 10% on S. 30th Avenue for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to Approve on April 6, 2022.

16. **2022-270** Approve Lighting Agreement with Mississippi Power Company for lighting changes on High Hills Drive for a monthly increase of $91.82, and authorize the Mayor to execute the same.

17. **2022-280** Approve subcontracts with Lamey Electric Inc. for the State Aid Project No. DECD-001-018(35)BO identified as Highway 49, Camp, Adeline and Mamie project; Authorize the mayor to execute in multiples.

18. **2022-277** Approve initial grant agreement under the Fiscal Year 2020 Build Transportation Program between the United States Department of Transportation, Mississippi Department of Transportation and the City of Hattiesburg which reflects the selection of the First-Tier Subrecipient to receive a BUILD Grant for the Hattiesburg Downtown Railroad Innovation: Construction of Grade Separations and Connection Track at a Major Rail Intersection; authorize the Mayor to execute in duplicate.

19. **2022-287** Approve an Agreement between the City of Hattiesburg and Sammy Graham, LLC for maintenance of all city pools and one splash pad and authorize the Mayor to execute the same.

20. **2022-253** Acknowledge cancellation of Contractor and Owner Agreement and Grant Award Agreement approved August 17, 2021 for Ora Marshall of 104 Saucier Drive executed, in triplicate, according to the Housing Rehabilitation and Housing

Programs Manual Section VII (E).

21. **2022-288** Acknowledge contract termination between the City and Community Connections, Inc (QEC) for rehabilitation projects at 303 J.C. Killingsworth and 515 Columbia Street removal from the City of Hattiesburg QEC List.

22. **2022-255** Approve and authorize the Mayor to execute in triplicate a Contractor and Owner Agreement and a Housing Repair Grant Award to Helen O'Neal of 303 J C Killingsworth in an amount not to exceed $33, 530 according to the Housing Rehabilitation and Housing Programs Manual Section VIII (E). {Entitlement}

23. **2022-256** Approve and authorize the Mayor to execute in triplicate a Contractor and Owner Agreement and a Housing Repair Grant Award to Lisa Means of 515 Columbia Street for an amount not to exceed $48,800 according to the Housing Rehabilitation and Housing Programs Manual Section VIII (E). {Entitlement}

24. **2022-281** Approve Waiver Valuation and Authorize acquisition of certain property identified as Forrest County PPIN 21852 for the Gordon's Creek Commons project.

25. **2022-282** Approve Waiver Valuation and Authorize acquisition of certain property identified as Forrest County PPIN 44390 for the Gordon's Creek Commons project.

26. **2022-272** Ratify and confirm the Mayor's appointment of Jessica Cathey (Ward 1) to the Board of Adjustment for a three-year term, beginning May 4, 2022, and ending May 3, 2025.

27. **2022-271** Ratify and confirm the Mayor's appointment of Luke McNair (Ward 1) (Replaces Kenneth Waites, Ward 1) to the Planning Commission for a term beginning April 19, 2022, and ending May 12, 2023.

28. **2022-290** Acknowledge acceptance of equipment from MDOT (per attached memo) for the maintenance of I-59 between the Bouie River and U.S. Hwy 98 East.

ROUTINE AGENDA

1. **2022-250** Acknowledge receipt of the Privilege Tax License monthly report for March 2022.

2. **2022-254** Acknowledge Proof of Publications for Hub City Spokes for the month of March 2022.

3. **2022-274** Acknowledge submission of the Community Rating System (CRS) annual recertification.

4. **2022-285** Approve and authorize issuance of manual checks for CDBG/HOME Program Claims per attached Memorandum. {HOME/Entitlement CDBG}

5. **2022-252** Authorize and approve publication of notice of public comment period from April 28, 2022, to May 31, 2022, and authorize publication of the same on April 28, 2022; May 5, 2022; May 19, 2022; and May 26, 2022, by the Hattiesburg-Petal-Forrest-Lamar MPO for the public comment period for the Transportation Master Plan (TMP).

6. **2022-284** Approve plans and specifications for the Hall Avenue Roundabout Project at Bay Street, Arledge Street and James Street (FBLD-8769-00(001)LPA / 108639-801000), and approve authority to advertise for bids.

7. **2022-251** Approve the sale of grave spaces, per attached Memo's, Receipts, and Deeds.

8. **2022-273** Approve claims docket for the period ending April 15, 2022.

In Memoriam:

Meeting Adjourn

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From:

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve the minutes for the April 4 & 5, 2022 meetings of the City Council.**
File Number: 2022-286
Minute Book #

Summary
According to Miss. Code Ann. § 21-15-33, "the minutes of every municipality must be adopted and approved by a majority of all the members of the governing body of the municipality at the next regular meeting or within thirty (30) days of the meeting thereof, whichever occurs first....."

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

Published Agenda

Monday, April 4, 2022 **4:00 PM**	**City Council** **Monday Meeting Agenda**	**Council Chambers** **200 Forrest Street**

Call to Order

Agenda Adjustments

7. **2022-249** Add Addendum to the claims docket (Routine Item #7), payment to Hattiesburg Downtown Association for 2022 annual meeting advertisement in the amount of $2,500.00.

Agenda Review

Citizens' Forum

Work Session

Meeting Recess

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Call to Order

BE IT REMEMBERED that the **Agenda Review meeting of the Hattiesburg City Council was held at 4:00 p.m. Monday, April 4, 2022**, in Council Chambers at City Hall; same being from an adjourned meeting held on March 22, 2022.

Those present included Mayor Toby Barker and members of the City Council Jeffrey George, Ward 1; Carter Carroll, Ward 3; Dave Ware, Ward 4; and Nicholas Brown, Ward 5. Others in attendance included Director of Administration/City Clerk, Kermas Eaton; City Attorney, Randy Pope; Clerk of Council, Ronda S. Cole; Deputy Clerk of Council, Lisa Luu; City staff members; media; and the public. Absent: Council member Deborah Delgado, Ward 2.

Council President Carroll Called the meeting to order.

Agenda Adjustments

The Clerk of Council read aloud adjustments to the agenda.

7. **2022-249** Add Addendum to the claims docket (Routine Item #7), payment to Hattiesburg Downtown Association for 2022 annual meeting advertisement in the amount of $2,500.00.

Attachments: Addendum to the claims docket - Hattiesburg Downtown Association

Agenda Review

Council President Carroll proceeded with the Agenda Review.

Following discussion of agenda items, Council President Carroll closed the Agenda Review.

Citizens' Forum

Council Vice President George proceeded with the Citizens' Forum.

He stated the procedures and invited members of the public to speak.

The following citizens addressed the Council:

There were no citizens present who wished to address the Council.

Council Vice President George closed the Citizen Forum.

Work Session

There were no items for the Work Session.

Meeting Recess

Council President Carroll declared the **meeting recessed at 4:11 p.m., this 4th day of April, 2022**, by unanimous consent, until the 5th day of April, 2022.

ATTEST: **APPROVE:**

_____ _____

Clerk of Council **Council President**

ATTEST AND CERTIFY: **APPROVE:**

_____ _____

City Clerk **Mayor**

Published Agenda

Tuesday, April 5, 2022 | **City Council** | **Council Chambers**
5:00 PM | **Tuesday Meeting Agenda** | **200 Forrest Street**

Call to Order

Call to Prayer and Pledge of Allergiance

Presentation Agenda

POLICY AGENDA

1.	**2022-247**	Approve the minutes for the March 21 & 22, 2022 meetings of the City Council.
2.	**2022-212**	Approve and authorize the Mayor to execute the Release of Lien documents filed in relation to Code Enforcement clean-up assessments per attached memo and authorize recording of the same.
3.	**2022-236**	Approve contract with Neel-Schaffer, Inc. to provide engineering services for the 31st Avenue, Chevy Chase Drive, and Lorraine Street Improvements Project, also known as the Midtown MDA project (Project No. DECD-0018(36)BO) and authorize the Mayor to execute in duplicate.
4.	**2022-237**	Approve the Proposed Mississippi Development Authority Economic Development Highway Construction Program for the City of Hattiesburg Project Number DECD-0018(36)BO known as the 31st Avenue, Chevy Chase Drive, and Lorraine Street Improvements Project and authorize the Mayor and Council Members to execute in duplicate.
5.	**2022-228**	Approve contract with Collins and Null Appraisals, Inc. to provide Right-of-Way and Appraisal services for the Gordon's Creek Commons TAP project; Authorize the Mayor to execute in duplicate.
6.	**2022-229**	Approve contract with Atlas Right of Way Services to provide Right-of-Way and Property Acquisition services for the Gordon's Creek Commons TAP Project; Authorize the Mayor to execute in duplicate.
7.	**2022-220**	Approve subcontracts with Atwood Fence Co., Inc. for the State Aid Project No. DECD-001-018(35)BO identified as Highway 49, Camp, Adeline and Mamie project; Authorize the mayor to execute in multiples.
8.	**2022-224**	Approve Lighting Agreement with Mississippi Power Company for lighting changes on Mamie Street from Highway 49 to S 10th Avenue for a monthly savings of $23.04, and authorize the Mayor to execute the same.
9.	**2022-238**	Authorize the Mayor to execute a duplicate original contract between the City of Hattiesburg Parks and Recreation Department and Michelle Williams, for the Management Operation of the City of Hattiesburg Summer Aquatic Program.
10.	**2022-239**	Ratify and confirm the Mayor's re-appointment of Frank James to the Tourism Commission for a term beginning April 6, 2022 and ending April 5, 2027.
11.	**2022-241**	Ratify and confirm the Mayor's appointment of Dr. Joe Paul to the Hattiesburg Tourism Commission for a term beginning April 6, 2022 and ending April 5, 2027.
12.	**2022-243**	Ratify and confirm the Mayor's appointment of Bernard Green to the Southeast Mississippi Community Investment Corporation Board of Directors to fill the unexpired term of Amber D. Sumrall, for a term beginning April 5, 2022 and ending January 4, 2024.
13.	**2022-240**	Adopt a Resolution amending the City of Hattiesburg Services and Facilities Plan for proposed annexation.
14.	**2022-242**	Approve Agreement between City of Hattiesburg and Doleac Electric Company, Inc., to provide generator maintenance professional services.
15.	**2022-246**	Ratify and confirm the Mayor's re-appointment of Michelle Shinall (W1) to the Hattiesburg Police Citizen Review Board for a term beginning December 8, 2021 and ending December 7, 2025.

16.	**2022-245**	Ratify and confirm the Mayor's re-appointment of Jennifer Garriga (W5) to the Hattiesburg Police Citizen Review Board for a term beginning December 8, 2021 and ending December 7, 2025.
17.	**2022-244**	Ratify and confirm the Mayor's appointment of Michael Jordan (Business) to the Hattiesburg Police Citizen Review Board for a term beginning April 6, 2022 and ending December 7, 2025.
18.	**2022-230**	Ratify and confirm the Mayor's appointment of Markus Simmons (W3) to the Historic Conservation Commission for a term beginning April 6, 2022 and ending April 5, 2027.
19.	**2022-231**	Ratify and confirm the Mayor's appointment of Sarah Halliwell Carver (W4) to the Historic Conservation Commission to fill the unexpired term of Mary Halliwell beginning April 6, 2022 and ending June 24, 2025.
20.	**2022-232**	Ratify and confirm the Mayor's appointment of Carlos Wilson (W2) to the Hattiesburg Planning Commission for a five year term beginning May 13, 2022 and ending May 12, 2027.
21.	**2022-234**	Ratify and confirm the Mayor's re-appointment of Charles Dawe (W4) to the Hattiesburg Planning Commission for a five year term beginning May 13, 2022 and ending May 12, 2027.
22.	**2022-233**	Ratify and confirm the Mayor's re-appointment of Shawn Harris (W3) to the Board of Adjustment for a three year term beginning June 1, 2022 and ending May 31, 2025.
23.	**2022-227**	Acknowledge the bid received March 24, 2022 for the Hangar 6 Door Replacement Project and reject said bid due to being significantly over the engineer's probable cost estimate.

ROUTINE AGENDA

1.	**2022-214**	Authorize and approve publication of notice of public comment period from April 14, 2022, to April 25, 2022, and authorize publication of the same on April 14, 2022, and April 21, 2022, by the Hattiesburg-Petal-Forrest-Lamar MPO for the proposed amendments to the FY 2021-2024 Transportation Improvement Plan (TIP) – transit section.
2.	**2022-221**	Acknowledge the bid received March 24, 2022 by the Hattiesburg Police Department for the lease of fifteen(15) police cars and accept the bid of Enterprise Fleet Management as the best and only bid received.
3.	**2022-223**	Acknowledge receipt of the two quote docket.
4.	**2022-225**	Approve and authorize issuance of manual checks for CDBG/HOME Program Claims per attached Memorandum. {HOME/Entitlement CDBG}
5.	**2022-216**	Approve the City's purchase of (2) two grave spaces, located in the Northwest Quarter (NW 1/4), of Lot 72, Section 24, at Highland Cemetery, Minute Book # 2011-5, Page 598-601, in the amount of $ 350.00, from David E. & Mary M. Bast, Authorize manual check for the same.
6.	**2022-215**	Approve the sale of grave spaces, per attached Memo's, Receipts and Deeds.
7.	**2022-235**	Approve claims docket for the period ending March 31, 2022.

In Memoriam:

- Chief Frazier Bolton
- Mr. Genoice Sloan
- Mr. Eddie Bullock
- Mr. John Evans
- Mr. Frank Polk
- Mr. Rodney Richardson
- Mr. Richard M. Zachary
- Mrs. Catherine M. Starr
- Mr. William Oliver
- Mrs. Jessie Roberta Barnes McGilvery

Meeting Adjourn

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Call to Order

BE IT REMEMBERED that the **regular meeting of the Hattiesburg City Council was held at 5:00 p.m. Tuesday, April 5, 2022**, in Council Chambers at City Hall; same being from a recessed meeting held on April 4, 2022.

Those present included Mayor Toby Barker and members of the City Council Jeffrey George, Ward 1(via teleconference); Deborah Delgado, Ward 2 (via teleconference); Carter Carroll, Ward 3; Dave Ware, Ward 4; and Nicholas Brown, Ward 5. Others in attendance included Director of Administration/City Clerk, Kermas Eaton; City Attorney, Randy Pope; Clerk of Council, Ronda S. Cole; Deputy Clerk of Council, Lisa Luu; City staff members; media; and the public.

Council President Carroll Called the meeting to order.

Call to Prayer and Pledge of Allegiance

The prayer was given by Pastor Donnie Myers of Pathway Church.

The Pledge of Allegiance was led by Council President Carroll.

Presentation Agenda

The PRESENTATION AGENDA came before the Council.

There were no presentations at this time.

POLICY AGENDA

The POLICY AGENDA came before the Council.

1. **2022-247** Approve the minutes for the March 21 & 22, 2022 meetings of the City Council.

Attachments: 3-21-2022 AR, XS Mins
3-22-2022 Mins

A MOTION was made by Council Member Brown and seconded by Council Member Ware to Approve the minutes for the March 21 & 22, 2022 meetings of the City Council.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

2. **2022-212** Approve and authorize the Mayor to execute the Release of Lien documents filed in relation to Code Enforcement clean-up assessments per attached memo and authorize recording of the same.

Attachments: Release of Lien Memo 04 05 2022
1. 6563 Hwy 49 Release by Sale
2. 507 Katie Release by Sale

A MOTION was made by Council Member Brown and seconded by Council Member Ware to Approve and authorize the Mayor to execute the Release of Lien documents filed in relation to Code Enforcement clean-up assessments per attached memo and authorize recording of the same.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

3. **2022-236** Approve contract with Neel-Schaffer, Inc. to provide engineering services for the 31st Avenue, Chevy Chase Drive, and Lorraine Street Improvements Project, also known as the Midtown MDA project (Project No. DECD-0018(36)BO) and authorize the Mayor to execute in duplicate.

Attachments: 3-28-22 MidTown EDH Engineering Contract

A MOTION was made by Council Member Brown and seconded by Council Member Ware to Approve contract with Neel-Schaffer, Inc. to provide engineering services for the 31st Avenue, Chevy Chase Drive, and Lorraine Street Improvements Project, also known as the Midtown MDA project (Project No. DECD-0018(36)BO) and authorize the Mayor to execute in duplicate.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

4. **2022-237** Approve the Proposed Mississippi Development Authority Economic Development Highway Construction Program for the City of Hattiesburg Project Number DECD-0018(36)BO known as the 31st Avenue, Chevy Chase Drive, and Lorraine Street Improvements Project and authorize the Mayor and Council Members to execute in duplicate.

Attachments: MDA-EDH Program Form – MidTown

A MOTION was made by Council Member Brown and seconded by Council Member Ware to Approve the Proposed Mississippi Development Authority Economic Development Highway Construction Program for the City of Hattiesburg Project Number DECD-0018(36)BO known as the 31st Avenue, Chevy Chase Drive, and Lorraine Street Improvements Project and authorize the Mayor and Council Members to execute in duplicate.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

5. **2022-228** Approve contract with Collins and Null Appraisals, Inc. to provide Right-of-Way and Appraisal services for the Gordon's Creek Commons TAP project; Authorize the Mayor to execute in duplicate.

Attachments: Gordon's Creek Commons – CANA

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Approve contract with Collins and Null Appraisals, Inc. to provide Right-of-Way and Appraisal services for the Gordon's Creek Commons TAP project; Authorize the Mayor to execute in duplicate.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

6. **2022-229** Approve contract with Atlas Right of Way Services to provide Right-of-Way and Property Acquisition services for the Gordon's Creek Commons TAP Project; Authorize the Mayor to execute in duplicate.

Attachments: Gordon's Creek Commons - Atlas ROW

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Approve contract with Atlas Right of Way Services to provide Right-of-Way and Property Acquisition services for the Gordon's Creek Commons TAP Project; Authorize the Mayor to execute in duplicate.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

7. **2022-220** Approve subcontracts with Atwood Fence Co., Inc. for the State Aid Project No. DECD-001-018(35)BO identified as Highway 49, Camp, Adeline and Mamie project; Authorize the mayor to execute in multiples.

Attachments: Atwood Fence Signature Page
Atwood Fence Subcontract

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Approve subcontracts with Atwood Fence Co., Inc. for the State Aid Project No. DECD-001-018(35)BO identified as Highway 49, Camp, Adeline and Mamie project; Authorize the mayor to execute in multiples.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

8. **2022-224** Approve Lighting Agreement with Mississippi Power Company for lighting changes on Mamie Street from Highway 49 to S 10th Avenue for a monthly savings of $23.04, and authorize the Mayor to execute the same.

Attachments: MS Power-Mamie Street, Hwy 49 to S 10th Ave

A MOTION was made by Council Member Brown and seconded by Council Member Ware to Approve Lighting Agreement with Mississippi Power Company for lighting changes on Mamie Street from Highway 49 to S 10th Avenue for a monthly savings of $23.04, and authorize the Mayor to execute the same.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

9. **2022-238** Authorize the Mayor to execute a duplicate original contract between the City of Hattiesburg Parks and Recreation Department and Michelle Williams, for the Management Operation of the City of Hattiesburg Summer Aquatic Program.

Attachments: M. Williams-2022 contract

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Authorize the Mayor to execute a duplicate original contract between the City of Hattiesburg Parks and Recreation Department and Michelle Williams, for the Management Operation of the City of Hattiesburg Summer Aquatic Program.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

10. **2022-239** Ratify and confirm the Mayor's re-appointment of Frank James to the Tourism Commission for a term beginning April 6, 2022 and ending April 5, 2027.

Attachments: F James Data Sheet

A MOTION was made by Council Member Brown and seconded by Council Member Ware to Ratify and confirm the Mayor's re-appointment of Frank James to the Tourism Commission for a term beginning April 6, 2022 and ending April 5, 2027.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

11. **2022-241** Ratify and confirm the Mayor's appointment of Dr. Joe Paul to the Hattiesburg Tourism Commission for a term beginning April 6,2022 and ending April 5, 2027.

Attachments: Joe Paul Data Sheet

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Ratify and confirm the Mayor's appointment of Dr. Joe Paul to the Hattiesburg Tourism Commission for a term beginning April 6,2022 and ending April 5, 2027.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

12. **2022-243** Ratify and confirm the Mayor's appointment of Bernard Green to the Southeast Mississippi Community Investment Corporation Board of Directors to fill the unexpired term of Amber D. Sumrall, for a term beginning April 5, 2022 and ending January 4, 2024.

Attachments: Resume - BG as of 7.21.2020

A MOTION was made by Council Member Brown and seconded by Council Member Ware to Ratify and confirm the Mayor's appointment of Bernard Green to the Southeast Mississippi Community Investment Corporation Board of Directors to fill the unexpired term of Amber D. Sumrall, for a term beginning April 5, 2022 and ending January 4, 2024.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

13. **2022-240** Adopt a Resolution amending the City of Hattiesburg Services and Facilities Plan for proposed annexation.

Attachments: Resolution Services & Facilities Plan 2nd amended plan 4.5.202
S&F Plan 2nd amended 12.29.2021

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Adopt a Resolution amending the City of Hattiesburg Services and Facilities Plan for proposed annexation.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

14. **2022-242** Approve Agreement between City of Hattiesburg and Doleac Electric Company, Inc., to provide generator maintenance professional services.

Attachments: Generator Maint-Professional Services Contract 2022

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Approve Agreement between City of Hattiesburg and Doleac Electric Company, Inc., to provide generator maintenance professional services.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

15. **2022-246** Ratify and confirm the Mayor's re-appointment of Michelle Shinall (W1) to the Hattiesburg Police Citizen Review Board for a term beginning December 8, 2021 and ending December 7, 2025.

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Ratify and confirm the Mayor's re-appointment of Michelle Shinall (W1) to the Hattiesburg Police Citizen Review Board for a term beginning December 8, 2021 and ending December 7, 2025.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

16. **2022-245** Ratify and confirm the Mayor's re-appointment of Jennifer Garriga (W5) to the Hattiesburg Police Citizen Review Board for a term beginning December 8, 2021 and ending December 7, 2025.

A MOTION was made by Council Member Brown and seconded by Council Member Ware to Ratify and confirm the Mayor's re-appointment of Jennifer Garriga (W5) to the Hattiesburg Police Citizen Review Board for a term beginning December 8, 2021 and ending December 7, 2025.

Council member Brown thanked the Mayor for reaching out for his input regarding a candidate for the Hattiesburg Police Citizen Review Board.

Following discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

17. **2022-244** Ratify and confirm the Mayor's appointment of Michael Jordan (Business) to the Hattiesburg Police Citizen Review Board for a term beginning April 6, 2022 and ending December 7, 2025.

Attachments: Michael G

A MOTION was made by Council Member Brown and seconded by Council Member Dave Ware to Ratify and confirm the Mayor's appointment of Michael Jordan (Business) to the Hattiesburg Police Citizen Review Board for a term beginning April 6, 2022 and ending December 7, 2025..

Council member Brown thanked the Mayor for reaching out for his input regarding a candidate for the Hattiesburg Police Citizen Review Board.

Following discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

18. **2022-230** Ratify and confirm the Mayor’s appointment of Markus Simmons (W3) to the Historic Conservation Commission for a term beginning April 6, 2022 and ending April 5, 2027.

Attachments: Data sheet Simmons 2022
Markus Simmons_Resume_3.22

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Ratify and confirm the Mayor’s appointment of Markus Simmons (W3) to the Historic Conservation Commission for a term beginning April 6, 2022 and ending April 5, 2027.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

19. **2022-231** Ratify and confirm the Mayor’s appointment of Sarah Halliwell Carver (W4) to the Historic Conservation Commission to fill the unexpired term of Mary Halliwell beginning April 6, 2022 and ending June 24, 2025.

Attachments: Data sheet Carver 2022
Sarah's Resume

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Ratify and confirm the Mayor’s appointment of Sarah Halliwell Carver (W4) to the Historic Conservation Commission to fill the unexpired term of Mary Halliwell beginning April 6, 2022 and ending June 24, 2025.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

20. **2022-232** Ratify and confirm the Mayor's appointment of Carlos Wilson (W2) to the Hattiesburg Planning Commission for a five year term beginning May 13, 2022 and ending May 12, 2027.

Attachments: Data sheet Wilson HPC 2022
Biography 2022

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Ratify and confirm the Mayor's appointment of Carlos Wilson (W2) to the Hattiesburg Planning Commission for a five year term beginning May 13, 2022 and ending May 12, 2027.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

21. **2022-234** Ratify and confirm the Mayor's re-appointment of Charles Dawe (W4) to the Hattiesburg Planning Commission for a five year term beginning May 13, 2022 and ending May 12, 2027.

Attachments: Data Sheet - Charles Dawe 2022

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Ratify and confirm the Mayor's re-appointment of Charles Dawe (W4) to the Hattiesburg Planning Commission for a five year term beginning May 13, 2022 and ending May 12, 2027.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

22. **2022-233** Ratify and confirm the Mayor's re-appointment of Shawn Harris (W3) to the Board of Adjustment for a three-year term beginning June 1, 2022 and ending May 31, 2025.

Attachments: Data sheet S Harris BOA 2022

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Ratify and confirm the Mayor's re-appointment of Shawn Harris (W3) to the Board of Adjustment for a three-year term beginning June 1, 2022 and ending May 31, 2025.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

23. **2022-227** Acknowledge the bid received March 24, 2022 for the Hangar 6 Door Replacement Project and reject said bid due to being significantly over the engineer's probable cost estimate.

Attachments: Certified Bid Tab

A MOTION was made by Council Member Ware and seconded by Council Member Brown to Acknowledge the bid received March 24, 2022 for the Hangar 6 Door Replacement Project and reject said bid due to being significantly over the engineer's probable cost estimate.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

ROUTINE AGENDA

THE ROUTINE AGENDA came before the Council.

A MOTION was made by Council Member Brown and seconded by Council Member Ware to approve the Routine Agenda.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George (via teleconference), Delgado (via teleconference), Carroll, Ware and Brown

Nays: 0

1. **2022-214** Authorize and approve publication of notice of public comment period from April 14, 2022, to April 25, 2022, and authorize publication of the same on April 14, 2022, and April 21, 2022, by the Hattiesburg-Petal-Forrest-Lamar MPO for the proposed amendments to the FY 2021-2024 Transportation Improvement Plan (TIP) – transit section.

Attachments: PUBLIC NOTICE- TIP Amendment-Transit- Public Comment Period MPO

2. **2022-221** Acknowledge the bid received March 24, 2022 by the Hattiesburg Police Department for the lease of fifteen(15) police cars and accept the bid of Enterprise Fleet Management as the best and only bid received.

Attachments: Received bid
Enterprise Fleet Management Response to City of Hattiesburg RFP-1

3. **2022-223** Acknowledge receipt of the two-quote docket.

Attachments: UAB DOCKET

4. **2022-225** Approve and authorize issuance of manual checks for CDBG/HOME Program Claims per attached Memorandum. {HOME/Entitlement CDBG}

Attachments: BCS_04052022
CCI FINAL draw_04052022
Manual Check Memo 04052022

5. **2022-216** Approve the City's purchase of (2) two grave spaces, located in the Northwest Quarter (NW 1/4), of Lot 72, Section 24, at Highland Cemetery, Minute Book # 2011-5, Page 598-601, in the amount of $ 350.00, from David E. & Mary M. Bast, Authorize manual check for the same.

Attachments: Buy Back (David E & Mary M Bast (04-05-2022)

6. **2022-215** Approve the sale of grave spaces, per attached Memo's, Receipts and Deeds.

Attachments: Memo's (04-05-2022)
Receipts (04-05-2022)
Deeds (04-05-2022)

7. **2022-235** Approve claims docket for the period ending March 31, 2022.

Attachments: Docket 22.03.31
Docket Total
Addendum to the claims docket - Hattiesburg Downtown Association

In Memoriam:

A MOTION was made by Council President Carroll to Adjourn the meeting in memory of:

- Chief Frazier Bolton
- Mr. Genoice Sloan
- Mr. Eddie Bullock
- Mr. John Evans
- Mr. Frank Polk
- Mr. Rodney Richardson
- Mr. Richard M. Zachary
- Mrs. Catherine M. Starr
- Mr. William Oliver
- Mrs. Jessie Roberta Barnes McGilvery

Meeting Adjourn

Council President Carroll declared the **meeting recessed at 5:21 p.m., this 5th day of April, 2022**, by unanimous consent, until the 18th day of April, 2022.

ATTEST: **APPROVE:**

_____ _____

Clerk of Council **Council President**

ATTEST AND CERTIFY: **APPROVE:**

_____ _____

City Clerk **Mayor**

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ann Jones, Chief Administrative Officer**

cc: **Wiley Quinn, Code Enforcement Division Manager**

Date: **Tuesday, April 19, 2022**

Re: **Adopt a Resolution setting Public Hearing on Monday, May 16th, 2022 at 4:00 p.m. in the City Council Chambers located at City Hall to determine if certain properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community, according to the provision of MS Code 1972, Section 21-19-11.**
File Number: 2022-213
Minute Book #

Summary
Set Public Hearing 05 16 2022, Unsafe Properties

Recommendation Statement
I recommend the setting of a Public Hearing to consider the state of the listed attached properties to determine if these properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community, according to the provision of MS Code 1972, Section 21-19-11.

Please place this on the April 19, 2022 City Council meeting for consideration.

MAYOR
Toby Barker

COUNCIL - WARD ONE *Jeffrey George*
COUNCIL - WARD TWO *Deborah Denard Delgado*
COUNCIL - WARD THREE *Carter Carroll*
COUNCIL - WARD FOUR *Dave Ware*
COUNCIL - WARD FIVE *Nicholas Brown*

MEMORANDUM

TO: Mayor and City Council

FROM: Wiley Quinn, Code Enforcement Manager

DATE: April 19th, 2022

RE: Set Public Hearing

The Code Enforcement Division requests that the City Council hold a Public Hearing on Monday, May 16, 2022 to determine if the following properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community, according to the provisions of MS Code 1972, Section 21-19-11.

	Address	**PPIN**	**Ward**	**Violations**	**Proposed Actions**	**Estimated Cost**	**Estimated Penalty**
1	131 West 8th St	25977	2	OGL, VS, DS, ES, AG&R	Clean, Close, Secure, Repairs to Building	$30,000	$15,000
2	500 Ruby Ave	12967	2	OGL, VS, AG&R, ES	Cut/Clean, Demo	$4,000	$1,500
3	509 Buschman St	15820	2	OGL, VS, PT, AG&R	Clean, Close, Secure	$2,500	$1,500
4	523 Buschman St	15826	2	VS, ES, US	Clean, Close, Secure	$1,500	$1,500

5	523 Louise St	19604	2	VS, DS, ES, Graffiti	Clean, Close, Secure	$2,500	$1,500
6	525 Louise St	19603	2	VS, DS, ES, Graffiti	Clean, Close, Secure	$2,500	$1,500
7	1420 Gussie Ave	20377	2	AG&R, OGL	Cut/Clean	$2,000	$1,500
8	3505 Pinnacle Dr	26325	1	OS, AG&R, OGL	Cut/Clean, Remove Open Storage	$4,000	$1,500
9	0 Service Dr	27274	5	AG&R, OGL	Cut/Clean	$3,500	$1,500
10	230 Wyatt St	27135	5	AG&R, OGL	Cut/Clean	$1,000	$1,500
11	234 Wyatt St	27136	5	AG&R, OGL	Cut/Clean	$1,000	$1,500

Garbage & Rubbish=GAR/RUB
Accumulation of Garbage and Rubbish = AG&R
Dilapidated Building=DB
Dangerous Structure=DS
Imminent Danger=ID
Overgrown Lot=OGL
Open Storage=OS
Unsafe Structure=US
Abandoned Vehicle=AV
Abandoned Structure=AS
Vacant Structure=VS
Owner Responsibility=OR
Hazardous Tree = HT
Exterior Structure = ES
Protective Treatment = PT

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION

WHEREAS, complaint has been made to the City of Hattiesburg, Mississippi, that the following properties to wit:

	Address	**PPIN**	**Ward**	**Violations**
1.	131 West 8th St	25977	2	OGL, VS, DS, ES, AG&R
2.	500 Ruby Ave	12967	2	OGL, VS, AG&R, ES
3.	509 Buschman St	15820	2	OGL, VS, PT, AG&R
4.	523 Buschman St	15826	2	VS, ES, US
5.	523 Louise St	19604	2	VS, DS, ES, Graffiti
6.	525 Louise St	19603	2	VS, DS, ES, Graffiti
7.	1420 Gussie Ave	20377	2	AG&R, OGL
8.	3505 Pinnacle Dr	26325	1	OS, AG&R, OGL
9.	0 Service Dr	27274	5	AG&R, OGL

10.	230 Wyatt St	27135	5	AG&R, OGL
11.	234 Wyatt St	27136	5	AG&R, OGL

are in such a state of uncleanliness so as to be a menace to the health and safety of the community; and

WHEREAS, it is in the public interest that the City Council, on its own motion, hold hearings as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the above properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, that the owners of the above-described properties be notified, as provided by law, of a hearing to be held by the City Council in the City Council Chambers located at City Hall in Hattiesburg, Mississippi, at 4:00 p.m. on Monday, May 16, 2022, to determine whether or not the above- described properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community.

The above and foregoing Resolution, having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS: NAYS: ABSENT:

The President thereby declared the motion carried and the resolution adopted, this the 19th day of April, 2022.

(SEAL)

ATTEST: ADOPTED:

_____ _____

CLERK OF COUNCIL PRESIDENT

The above and foregoing Resolution, having been submitted to and approved by the Mayor, this the 19th day of April, 2022.

ATTEST: APPROVED:

_____ _____

CITY CLERK MAYOR

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Adopt an Ordinance filed by Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative, to change the zoning classification for property located on Bonhomie Road (PPIN 27685, Forrest County, Ward 5) from Section 5.4.10 Community Business District B-3 to Section 5.4.3 Residential District R-1A. The Planning Commission recommended to APPROVE on April 6, 2022.**
File Number: 2022-258
Minute Book #

Summary
Adopt an Ordinance to rezone property on Bonhomie Road, Ward 5 from B-3 to R-1A.

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

Items: B and C
Joseph Tatum, owner, Silicon Ranch Corporation,
Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative
Request for: **Zoning Change/Conditional Use**

Planning Commission
Case Fact Sheet

Name of Petitioners:	Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
500 E Pine Street	2-041C-28-001.00	27685	5

Request:

(b) Zoning Change from B-3 to R-1A
(c) Conditional use for "Solar Farm" in R-1A zoning

Purpose of Request:

(b) To consider an application to change the zoning classification for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5) from Section 5.4.10 Community Business District B-3 to Section 5.4.3 Residential District R-1A.

(c) To consider an application to request a Conditional Use as a "Solar Farm" in R-1A (contingent on zoning change) for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5).
Request is contingent upon rezone of property to R-1A zone.

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 **Zoning Districts Established**

4.5.1 R-1A Residential District: The purpose of the R-1A District is to permit single-family residential uses with related recreational, religious and educational facilities. This district is consistent with the Neighborhood Conservation 1 and 2 districts in the Comprehensive Plan. This zoning district encourages protected lower density residential neighborhoods with only compatible supporting

institutional uses and open space.

4.5.10 B-3 Community Business District: The purpose of the B-3 District is to provide for retail, personal service, and offices in locations with convenient access to the community consistent with comprehensive planning policies. This district is consistent with the Community Business District in the Comprehensive Plan

SECTION 9 **Definitions**

Solar Farm: Energy generation facility that converts sunlight into electricity by multiple photovoltaics (PV) solar panels mounted on stationary poles and considered as a primary land use.

Present Zoning: This parcel is currently zoned B-3 (Community Business) District

Present Use: Vacant lot

Future Land Use: Neighborhood Conservation District 2

Surrounding Zoning and Land Use:

North: B-5 (Regional Business) District – Vacant, undeveloped
South: R-1A (Single-Family Residential) District – Existing Solar Farm
East: B-3 (Community Business) District/ Retail – Various Commercial Uses
West: R-1A (Single-Family Residential) District – Existing Solar Farm

Most Nearly Bounded By (streets): The parcels is most nearly bounded to the east by US Highway 49, to the west by Bonhomie Road. They are accessible by US Highway 49 and Bonhomie Road by private utility access roads.

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case, as of March 23, 2022

History / Background: The applicant met with staff in Pre-Application to discuss the expansion of the existing solar farm on Bonhomie Road. The proposed expansion would expand across approximately 11 acres from the existing farm into the adjacent parcel zoned B-3. The limits of the solar expansion in the B-3 parcel will be subdivided through the minor subdivision process, leaving a portion of the parcel with Highway 49 frontage as a B-3 zone. A conditional use is required for a solar farm in a R-1A zone, and its approval is contingent upon the rezone request being approved.

The project has contingent site plan approval and minor subdivision approval for the development, granted the rezoning and conditional use are approved.

Items: B and C
Joseph Tatum, owner, Silicon Ranch Corporation,
Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative
Request for: **Zoning Change/Conditional Use**

City Council approved a text amendment to the previous Land Development Code to add Solar Farm to uses permitted on review under R-1A and R-2 zones and updated the Comprehensive Plan Language to support private development of sustainable energy on October 20, 2015.

Option: **Basis for approval (Zoning Change):**

I. There was a mistake in the original zoning
II. The character of the neighborhood has changed substantially so that rezoning is clearly justified **and** there is a public need for the rezoning
III. Annexation

Conditional Use Approval Criteria:

12.3.3.2 Additional Approval Criteria. In addition to the standards [**N/A**], the applicant for a request for the Planning Commission to approve a use shall be required to demonstrate that his/her proposal addresses the following additional requirements, except that the Planning Commission may waive any one or more criteria that it determines are not applicable based upon the expected impact of the proposal.

i. Determination that adequate public facilities and services will be available concurrent with the impacts of the development as evidenced by letters of sufficiency from utilities and schools and a determination by the city engineer that the available capacity of existing streets can safely provide access to the site.

ii. The proposed development will be compatible with surrounding uses and will protect adjacent properties through the following measures:

- Protection of privacy. The proposed plan shall provide reasonable visual and auditory privacy for all dwelling units located within and adjacent to the site. Fences, walls, barriers and / or vegetation shall be arranged to protect and enhance the property and to enhance the privacy of on-site and neighboring occupants.
- Protection of use and enjoyment. The proposed plan shall be designed and arranged to have minimal negative impact on the use and enjoyment of adjoining property.
- Compatible design and integration. The use meets all design criteria required by this Code that apply and is designed to integrate well both on and off site.

In addition to the standards [5.4.18], the applicant for a request for the Planning Commission to approve a use shall be required to demonstrate that his/her proposal addresses the following additional requirements, except that the Planning Commission

may waive any one or more criteria that it determines are not applicable based upon the expected impact of the proposal.

i. Determination that adequate public facilities and services will be available concurrent with the impacts of the development as evidenced by letters of sufficiency from utilities and schools and a determination by the city engineer that the available capacity of existing streets can safely provide access to the site.

SUBJECT PARCEL:

Bonhomie Road

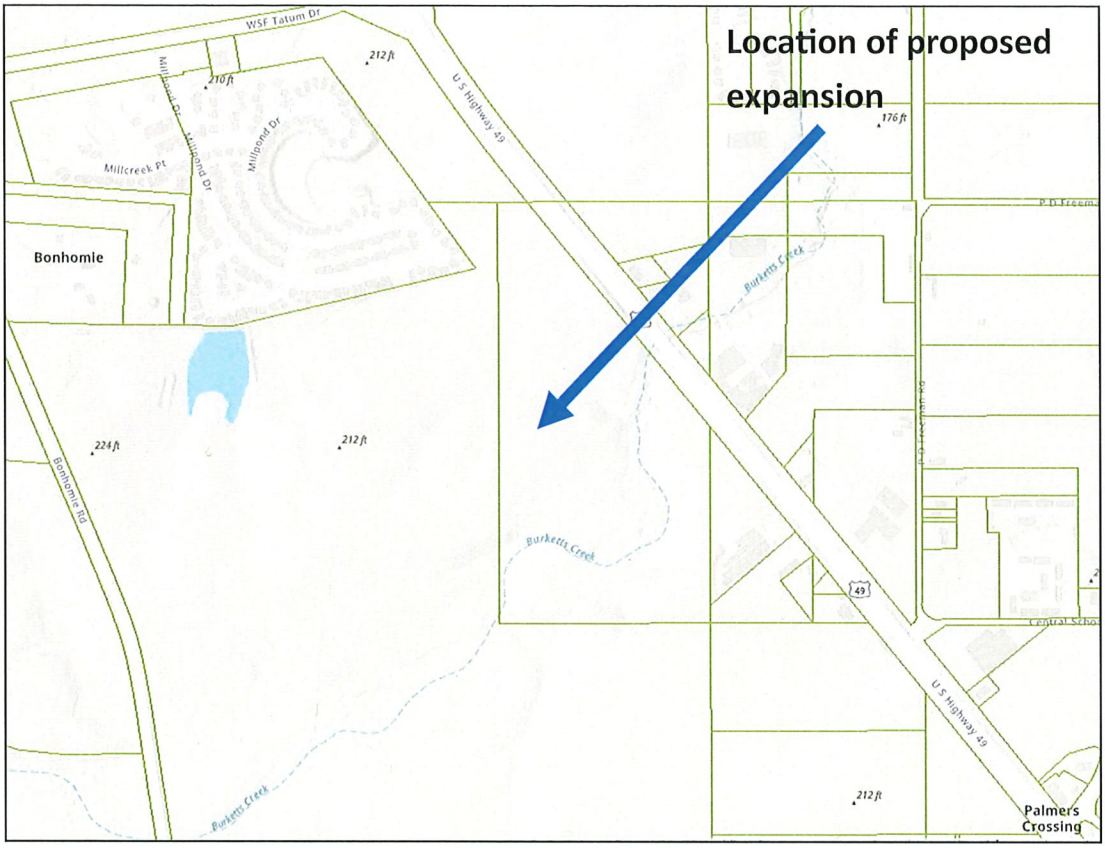
Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative The petitioner requests

(B) to change the zoning classification for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5) from Section 5.4.10 Community Business District B-3 to Section 5.4.3 Residential District R-1A and

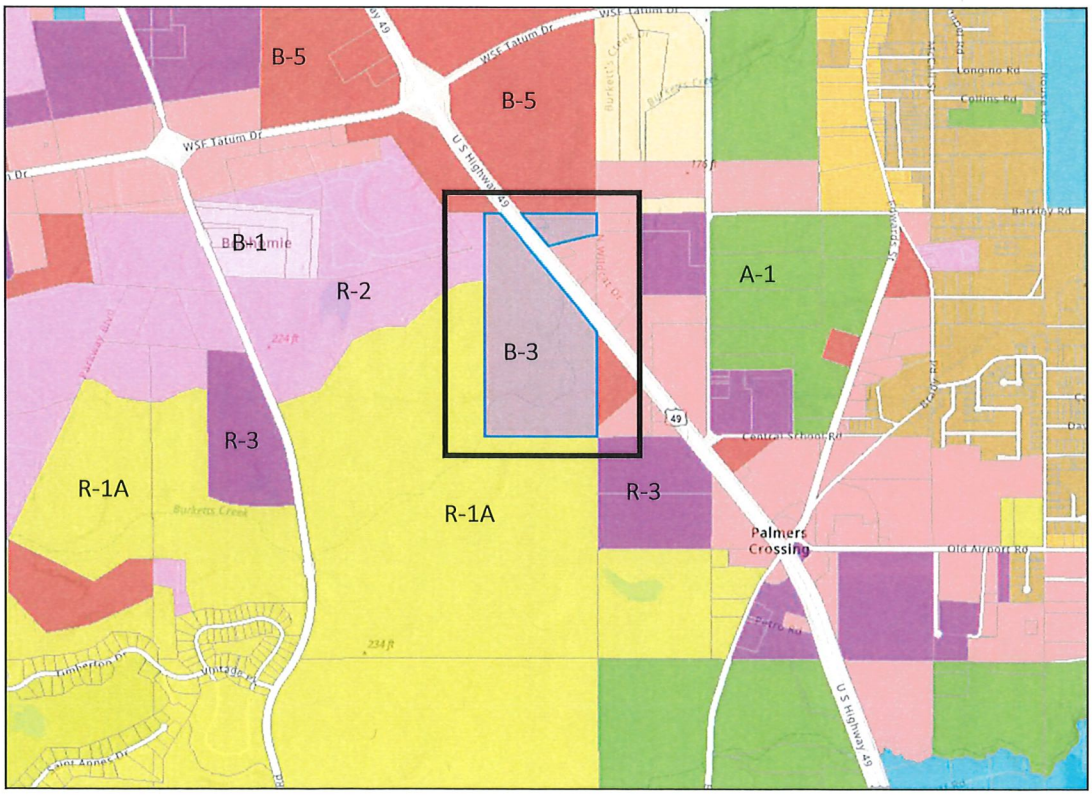
(C) to request a Conditional Use as a "Solar Farm" in R-1A (contingent on zoning change) for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5). Conditional use contingent on R-1A rezone.



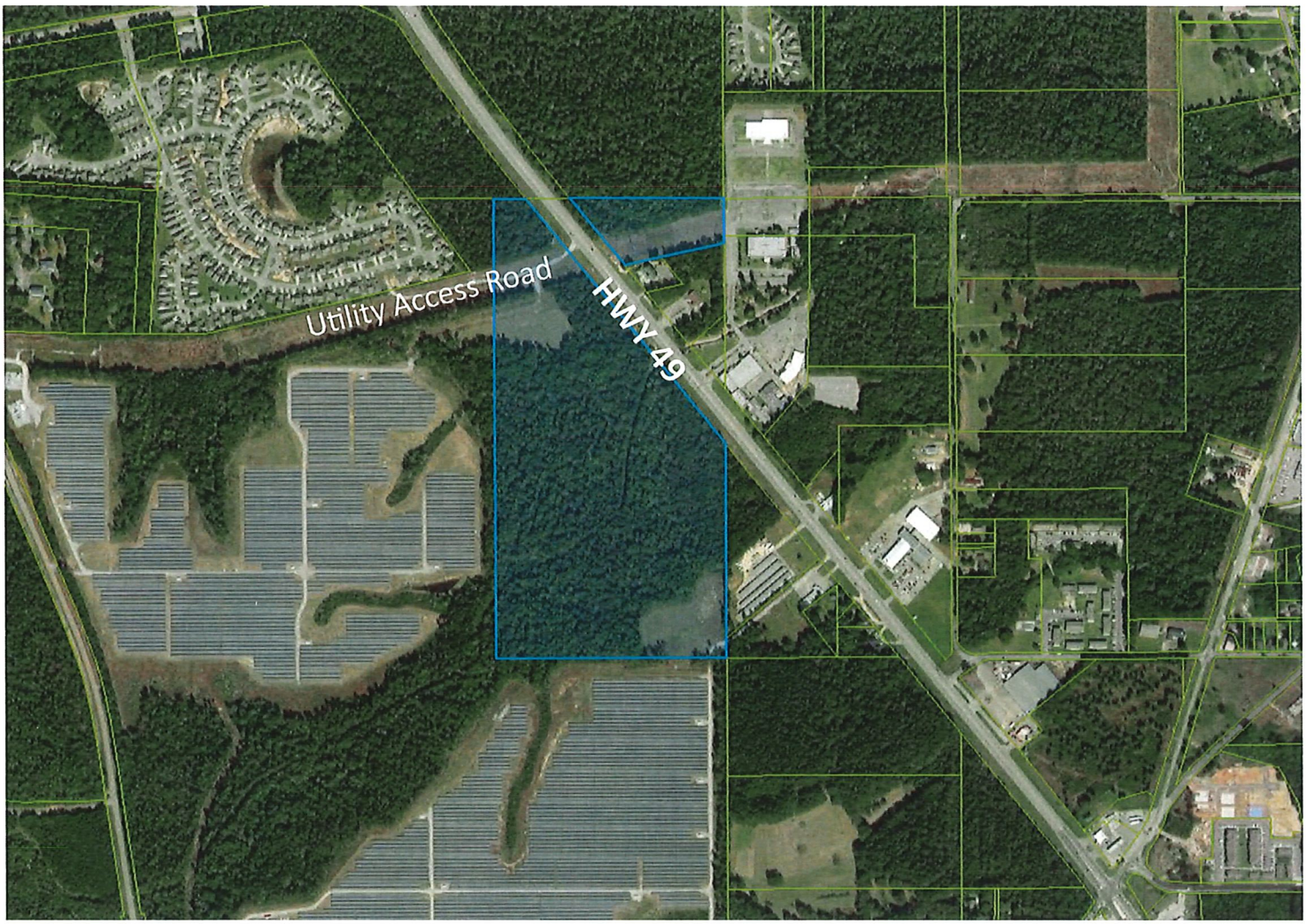
Vicinity Map—Ward 5



Zoning—B-3



Site Aerial



SURROUNDING AREA

Northern Direction: R-2 (Two-Family Residential) Burkett Creek West Housing Development





Southern Direction: R-1a (Single–Family Residential) Existing Solar Farm Array

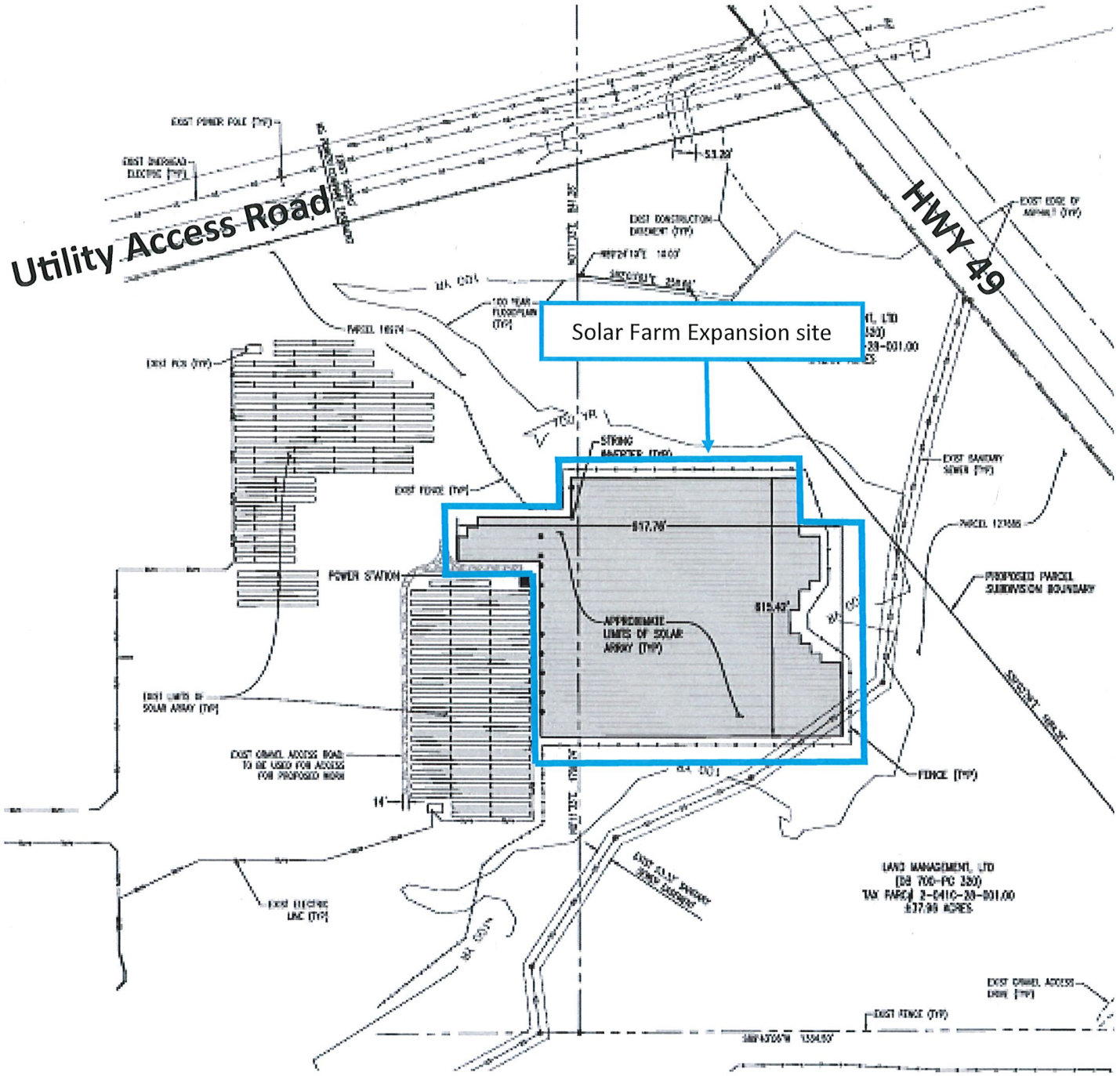


Eastern Direction: B-3 (Community Business) Pending Minor Subdivision, Undeveloped Lot

Western Direction: R-1A (Single Family Residential) Existing Solar Farm Array



Proposed Site Plan (Focused View)



Prepared by: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403-1898
(601)545-4550

Return to: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403
(601)545-4550

INDEXING INSTRUCTIONS:

ORDINANCE NUMBER _____
OF THE CITY OF HATTIESBURG, MISSISSIPPI
ADOPT AN ORDINANCE FILED BY JOSEPH TATUM, OWNER, SILICON RANCH CORPORATION, REAGAN FARR, ROB RILEY, APPLICANT, AND CARA WAGNER, REPRESENTATIVE, AS REQUIRED IN THE LAND DEVELOPMENT CODE, ORD. NO. 3209, TO CHANGE THE ZONING CLASSIFICATION FOR A CERTAIN PROPERTY LOCATED ON BONHOMIE ROAD (PARCEL NO. 2-041C-28-001.00, PPIN 27685, FORREST COUNTY, WARD 5) FROM SECTION 5.4.10 COMMUNITY BUSINESS DISTRICT B-3 TO SECTION 5.4.3 RESIDENTIAL DISTRICT R-1A. THE PLANNING COMMISSION RECOMMENDED TO APPROVE ON APRIL 6, 2022.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. That the Comprehensive Zoning District Map, adopted as part of the Comprehensive Zoning Ordinance No. 3209, as amended, of the City of Hattiesburg, Mississippi, be and the same is hereby changed and amended. The Hattiesburg Planning Commission recommended to Approve said change in zoning for the following reasons:

The character of the neighborhood has changed substantially so that rezoning is clearly justified, and there is a public need for the rezoning.

The following description is based on the Mississippi State Plane Coordinate System, East Zone, NAD 83, grid values, using a combined factor of 0.999974626 and a convergence angle of -00°14'35" (computed at a found 1/2" rebar located at N:650696.12, E:838063.50 on a previous survey of the adjacent property, PFI Project No. 24750.00).
A parcel of land containing 37.96 acres, more or less, and being situated in the East Half of the Northeast Quarter of Section 28, Township 4 North, Range 13 West, City of Hattiesburg, Forrest County, MS and being more particularly described as being all that portion of the East Half of

the Northeast Quarter of said Section 28 which lies south of the Temporary Construction Access & Laydown/Staging Area Easement #1 as described in Instrument 761858 (Deed Book 1254 at Page 686), LESS AND EXCEPT any portion thereof which lies within 500 feet of the right of way of US Highway 49. Said parcel is also described by metes and bounds as follows: Commence at a 1/2" rebar found at the northwest corner of the East Half of the Northeast Quarter of Section 28, Township 4 North, Range 13 West, City of Hattiesburg, Forrest County, MS, said rebar having a MS State Plane East Zone coordinate of N: 650696.12, E:838063.50; thence run S 00°11'33" W along the west line of the East Half of the Northeast Quarter of said Section 28 for a distance of 841.26 feet to a 1/2" rebar set at the southwest corner of the Temporary Construction Access & Laydown/Staging Area Easement #1 as described in Instrument 761858 (Deed Book 1254 at Page 686), said rebar having a MS State Plane East Zone coordinate of N:649854.95, E: 838060.59 and being the POINT OF BEGINNING of the herein described parcel.
From said POINT OF BEGINNING, continue S 00°11'33" W along said west line for a distance of 1798.74 feet to a 1/2" rebar found at the southwest corner of the East Half of the Northeast Quarter of said Section 28; thence run N 89°43'06" E along the south line of the East Half of the Northeast Quarter of said Section 28 for a distance of 1334.50 feet to a 1/2" pipe found at the southeast corner of the East Half of the Northeast Quarter of said Section 28; thence run N 00°12'41" E along the east line of said Section 28 for a distance of 445.80 feet to a set 1/2" rebar; thence, leaving said east line, run N 39°03'56" W parallel with and 500 feet southwesterly of the west right of way line of US Highway 49 for a distance of 1688.13 feet to a 1/2" rebar set on the south line of the aforementioned easement; thence run N 82°03'03" W along the south line of said easement for a distance of 258.66 feet to a set 1/2" rebar; thence, continuing along said south line, run S 89°24'10" W for a distance of 10.03 feet back to the POINT OF BEGINNING, and containing 37.96 acres, more or less.

SECTION 2. Except as hereby expressly changed and amended, the aforesaid Comprehensive Zoning District Map and the Land Development Code Ordinance No. 3209, as amended, of said City of Hattiesburg, Mississippi, shall be and remain in full force and form as adopted.

SECTION 3. That this Ordinance take effect and be in force thirty (30) days from and after passage as provided by law.

The foregoing Ordinance having been reduced to writing, the same was introduced by Council member _____ seconded by Council member _____ and was adopted by the following vote to-wit:

YEAS: NAYS:

THE President thereby declared the motion carried and the foregoing Ordinance adopted and approved, this the_____day of_____ A.D., 2022.

(S E A L)

ATTEST: ADOPTED:

_____ _____

CLERK OF COUNCIL PRESIDENT

THE above and foregoing Ordinance having been submitted to and approved by the Mayor, this the_____day of_____ A.D., 2022.

ATTEST: APPROVED:

_____ _____

CITY CLERK MAYOR

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Adopt an Ordinance amending the Midtown Form Based Code, Ord. 3105, so that Section 3.17 C.3.b.v. removes: "Chevy Chase Drive". The Planning Commission recommended to APPROVE on April 6, 2022.**
File Number: 2022-260
Minute Book #

Summary
Adopt an Ordinance amending the Midtown Form Based Code

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

Item: E
City of Hattiesburg
Midtown Form Based Code Text Amendment

Planning Commission
Case Fact Sheet

Purpose and Summary of Requests:

PRIMARY AND SIDE STREET DESIGNATION – Chevy Chase Drive

To amend the text of the Midtown Form Based Code, Ord. 3105, to remove Section 3.17 C.3.b.v.: "Chevy Chase Drive". Text to read:

3.17 C.3.b Primary and Side Street Designation – Where more than one street abuts a lot, all of the streets are considered primary streets, except that the following streets are designated as side streets:

i. 30th Avenue;
ii. Lorraine Street;
iii. 27th Avenue;
iv. Adeline Street; and
~~v. Chevy Chase Drive.~~

Staff amended the Midtown Form-Based-Code in 2016, Ordinance 3192, to add Chevy Chase Drive as a designated side street. Side streets and Primary streets have different design requirements related to developable space and façade elements. This was done to accommodate the "District at Midtown" Development and did not foresee the zoning changes and proposed corporate headquarters location on Chevy Chase Drive. Staff requests to revert the text amendment to the original text by removing "Chevy Chase Drive" as a designated side street.

Options:

Petition A

Recommend **APPROVAL** or **DENIAL** of the request to amend the text of the Midtown Form Based Code, Ord. 3105, Section 3.17 C.3.b.v. to remove: "Chevy Chase Drive". Amended text to read: "b. Where more than one street abuts a lot, all of the street are considered primary streets, except that the following street are designated as side street: i. 30th Avenue ii. Lorraine Street iii. 27th Avenue iv. Adeline Street".

Prepared by: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403-1898
(601)545-4550

Return to: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403
(601)545-4550

INDEXING INSTRUCTIONS:

ORDINANCE NUMBER _____

OF THE

CITY OF HATTIESBURG, MISSISSIPPI

AN ORDINANCE AMENDING THE MIDTOWN FORM BASED CODE, ORD. 3105, SO THAT SECTION 3.17 C.3.b.v. REMOVES: "CHEVY CHASE DRIVE". AMENDED TEXT TO READ: "B. WHERE MORE THAN ONE STREET ABUTS A LOT, ALL OF THE STREET ARE CONSIDERED PRIMARY STREETS, EXCEPT THAT THE FOLLOWING STREET ARE DESIGNATED AS SIDE STREET: I. 30TH AVENUE II. LORRAINE STREET III. 27TH AVENUE IV. ADELINE STREET".FOR THE CITY OF HATTIESBURG, MISSISSIPPI. THE PLANNING COMMISSION RECOMMENDED TO APPROVE ON APRIL 6, 2022.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. That the Midtown Form Based Code, Ordinance Number 3105, as amended, of the City of Hattiesburg, Mississippi, be further amended as follows:

The text of the Midtown Form Based Code, Ord. 3105, to remove Section 3.17 C.3.b.v.: "Chevy Chase Drive". Text to read:

3.17 C.3.b Primary and Side Street Designation – Where more than one street abuts a lot, all of the streets are considered primary streets, except that the following streets are designated as side streets:

i. 30th Avenue;
ii. Lorraine Street;
iii. 27th Avenue;
iv. Adeline Street; and
~~v. Chevy Chase Drive.~~

SECTION 2. Except as hereby expressly changed and amended, the aforesaid Midtown Form

Based Code, Ord. 3105 adopted June 2, 2013, as amended, of said City of Hattiesburg, Mississippi, shall be and remain in full force and form as adopted.

SECTION 3. That this Ordinance take effect and be in force thirty (30) days from and after passage as provided by law.

The foregoing Ordinance having been reduced to writing, the same was introduced by Councilmember _____, seconded by Councilmember _____, and was adopted by the following vote to-wit:

YEAS: NAYS:

THE President thereby declared the motion carried and the foregoing Ordinance adopted and approved, this the _____day of _____ A.D., 2022.

(S E A L)

ATTEST: ADOPTED:

_____ _____

CLERK OF COUNCIL PRESIDENT

THE above foregoing Ordinance having been submitted to and approved by the Mayor, this the _____day of _____ A.D., 2022.

ATTEST: APPROVED:

_____ _____

CITY CLERK MAYOR

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or deny a petition filed by Stephens Daniel, Applicant, and Carol Drake, Owner as required in the Flood Damage Prevention Ordinance No. 3294, to request a variance from Article 6, Section E, which states that qualifying historic structures may apply for a flood variance from the requirement to elevate or flood-proof the structure, for 100 Hardy St (Ward 4). The Planning Commission recommended to APPROVE on April 6, 2022.**
File Number: 2022-257
Minute Book #

Summary
Historic Flood Variance request for 100 Hardy St - BancorpSouth. The Planning Commission recommended to APPROVE on April 6, 2022.

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

Item: A
Stephens Daniel, Applicant, and Carol Drake, Owner
Request for: **Historic Flood Variance**

Planning Commission
Case Fact Sheet

Name of Petitioner:	Stephens Daniel, Applicant, and Carol Drake, Owner		
Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
100 Hardy St.	2-029O-10-033.00	19356	4

Request: **Historic Flood Variance** from the Flood Damage Prevention Ordinance

Purpose of Request: To request a variance from Article 6, Section E, which states that qualifying historic structures may apply for a flood variance from the requirement to elevate or flood proof the structure, for 100 Hardy St (Parcel No. 2-029O-10-033.00, PPIN 19356, Forrest County, Ward 4).

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 **Zoning Districts Established**

4.5.12 B-5 Regional Business District: The purpose of the B-5 District is to provide for retail, personal and business services, offices, and financial services in locations with convenient access to the region's population consistent with comprehensive planning policies. This district is consistent with the Regional Business District in the Comprehensive Plan.

CODE OF ORDINANCES, CHAPTER 10, ARTICLE 6, SECTION E

See attached Ordinance Excerpt

Item: A
Stephens Daniel, Applicant, and Carol Drake, Owner
Request for: **Historic Flood Variance**

Present Zoning:	The parcel is currently zoned B-5, Regional Business
Present Use:	FDIC financial institution and mortgage company/other professional office
Future Land Use:	Neighborhood Business Corridor
Surrounding Zoning and Land Use:	North: B-3, Community Business South: B-5, Regional Business East: B-4, Downtown Business West: B-3, Community Business
Letters or Concerns stated:	The Planning Division Office has not received any letters or other written communications relative to this case as of March 23, 2022.
History / Background:	Substantial Improvement has been proposed for this structure. A structure in a hazardous flood zone that proposes Substantial Improvement must come in to compliance with the Flood Damage Prevention Ordinance or may apply for a variance from these requirements if qualifying. This applicant has met the requirements of Chapter 10. Article 6. Section E. 1-3 as a "Bona-fide Historic Structure". Planning Commission approval is required for "Flood Variances" See the included Flood Ordinance for guidance. The Base Flood Elevation is 155.4'. This is the estimated level of waters in a 100-year flood. The elevation of the building's first floor is 156' plus a lower basement. A compliant building would need an elevation of 156.4'.
Option:	Approve or Deny

minimum necessary so as not to destroy the historic character and design of the building. (See Article 6, Section F.)

(3) Any applicant to whom a variance is granted shall be given written notice specifying the difference between the base flood elevation and the elevation to which the lowest floor is to be built and stating that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced lowest floor elevation.

(4) The Floodplain Administrator shall maintain the records of all appeal actions and report any variances to the Federal Emergency Management Agency and Mississippi Emergency Management Agency upon request. (See Article 6 Section E.)

(5) Upon consideration of the factors listed above and the purposes of this ordinance, the Hattiesburg Planning Commission may attach such conditions to the granting of variances as it deems necessary to further the purposes of this ordinance.

(6) Variances shall not be issued "after the fact."

SECTION D. VARIANCE NOTIFICATION.

Any applicant to whom a variance is granted shall be given written notice over the signature of a community official that:

(1) The issuance of a variance to construct a structure below the base flood elevation will result in increased premium rates for flood insurance up to amounts as high as $25 for $100 of insurance coverage, and;

(2) List the specific variance granted with the minimum requirement that was changed with the approved variance. List the article, section and subsection for which the variance was issued to.

(3) Such construction below the base flood level increases risks to life and property. A copy of the notice shall be recorded by the Floodplain Administrator in the Office of the Chancery Clerk and shall be recorded in a manner so that it appears in the chain of title of the affected parcel of land.

The Floodplain Administrator will maintain a record of all variance actions, including justification for their issuance, and report such variances to the Federal Emergency Management Agency and the Mississippi Emergency Management Agency upon request.

SECTION E. HISTORIC STRUCTURES.

Variances may be issued for the repair or rehabilitation of "historic structures" only upon a determination that the proposed repair or rehabilitation will not preclude the structure's continued designation as a "historic structure" and the variance is the minimum to preserve the historic character and design of the structure.

(1) The building must be a bona-fide "historic structure." As followed by definition.

(2) The project must maintain the historic status of the structure. If the proposed improvements to the structure will result in it being removed from or ineligible for the National Register or federally-certified state or local inventory, then the proposal cannot be granted an exemption from the substantial improvement rule.

(a) Written review and approval of proposed plans by the local historic preservation board and/or the Historic Planner, if it is federally-certified, or by the state historic preservation office. If the plans are approved, you can grant the exemption. If no, no exemption can be permitted.

(3) Take all possible flood damage reduction measures. Even though the exemption to the substantial improvement rule means the building does not have to be elevated to or above BFE or be renovated with flood-resistant materials that are not historically sensitive, many things can and should be done to reduce the flood damage potential. Examples include:

(a) Locating mechanical and electrical equipment above the BFE or floodproofing it.

(b) Elevating the lowest floor of an addition to or above the BFE with the change in floor elevation disguised externally.

(c) Building the lowest floor of an addition with flood-resistant materials and providing hydrostatic openings.

SECTION F. SPECIAL CONDITIONS.

Upon consideration of the factors listed in Article 6, and the purposes of this ordinance, the Hattiesburg Planning Commission may attach such conditions to the granting of variances, as it deems necessary to further the purposes of this ordinance.

SECTION G. FLOODWAY.

Variances shall not be issued within any designated regulatory floodway if any increase in flood levels during the base flood discharge would result.

ARTICLE 7. SEVERABILITY.

If any section, clause, sentence, or phrase of the Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding shall in no way effect the validity of the remaining portions of this Ordinance."

SECTION 2. That Ordinance Number 3247 adopted December 18, 2018, and any other ordinances in conflict thereof are hereby repealed.

SECTION 3. This Ordinance shall take effect and be in force immediately after passage as provided by law. It is vital to the public health, safety, and welfare and is necessary for residents within SHFA to be able to obtain flood insurance.

The foregoing Ordinance having been reduced to writing was introduced by Council Vice President George, seconded by Council Member Brown and was adopted by the following vote, to wit:

YEAS:	**NAYS:**	**ABSENT:**
George	**None**	**None**
Delgado		
Carroll		
Ware		
Brown		

The President thereby declared the motion carried and the Ordinance adopted this the 7th day of **September, 2021.**

Flood Damage Prevention Ordinance
Historic Structure Variance criteria
Ord. 3294
Address: 100 Hardy Street, Hattiesburg MS.

CHAPTER 10. ARTICLE 6. SECTION E. HISTORIC STRUCTURES.
Historic structures may apply for a variance. If the repair or rehabilitation to a historic structure meet the following three criteria, the buildings will not have to be elevated or flood proofed.

1) **The building must be a bona-fide "historic structure."** As followed by definition.
   See Historic Inventory Sheet and Eligibility Comment Letter

2) **The project must maintain the historic status of the structure.** If the proposed improvements to the structure will result in it being removed from or ineligible for the National Register or federally-certified state or local inventory, then the proposal cannot be granted an exemption from the substantial improvement rule.

   a) Written review and approval of proposed plans by the local historic preservation board and/or the Historic Planner, if it is federally-certified, or by the state historic preservation office. If the plans are approved, you can grant the exemption. If no, no exemption can be permitted.
   See memo from Russell Archer

3) **Take all possible flood damage reduction measures.** Even though the exemption to the substantial improvement rule means the building does not have to be elevated to or above BFE, or be renovated with flood-resistant materials that are not historically sensitive, many things can and should be done to reduce the flood damage potential. Examples include:
   a) Locating mechanical and electrical equipment above the BFE or floodproofing it.
      Equipment near grade will be above BFE

   b) Elevating the lowest floor of an addition to or above the BFE with the change in floor elevation disguised externally.
      N/A

   c) Building the lowest floor of an addition with flood-resistant materials and providing hydrostatic openings.
      N/A

See Article 6 Section A – D for additional information

State of Mississippi
Department of Archives and History
P.O. Box 571
Jackson, MS 39205

HISTORIC RESOURCES INVENTORY

1. a. Property name, historic

b. Property name, other
Bancorp South

2. Property address/descriptive location
100 Hardy Street

3. Legal description (and acreage, if required—see instructions)

10. County
Forrest

11. City or Town
Hattiesburg
☐ vicinity of

12. Owner's name and address
Bancorp South

13. Was interior surveyed?
No

14. Survey seq. no.
52.

15. USGS quadrangle map

4. Former/historic use

5. Present use
Banking

16. UTM reference (if required—see instructions)

6. Architect
☐ documented ☐ attributed

7. Builder/contractor
☐ documented ☐ attributed

17. Date of construction
c.1980
☒ estimated
☐ documented

8. Brief description
Two-story modern stuccoed bank building. Large bays on three sides separated by stuccoed pilasters. Two-bay drive-through, half one-story and half two-story, with a skywalk above that leads to the main parking lot.

18. Integrity
☐ very intact ☐ deteriorated
☐ some changes ☐ ruins
☐ extensive changes ☐ no visible remains

19. Dates of changes, if any
☐ moved _____
☐ enlarged/altered _____
☐ artificial siding _____
☐ replaced windows/doors _____
☐ enclosed/altered porch _____
☐ storefront alterations _____

9. Outbuildings or secondary elements (if significant, use separate form)

20. Architectural character or style



THIS SECTION FOR MDAH USE ONLY

21. Registration status
☐ NHL
☐ listed NR
☐ in NR district
☐ Mississippi landmark
☐ local landmark/local district

22. If located in historic district
a. Name of district

b. Rating
☐ contributing
☐ previously listed
☐ noncontributing

c. District element number _____

MDAH Inventory Code

23. Historical information

24. Additional remarks or continuation of other sections

27. Photographer or photo source
Russell Archer

28. Photo roll and frame number(s)
5310-25

29. Photo date
October 3, 2011

30. Inventory form completed by (name and organization)
Russell Archer
Archer Preservation Consulting, LLC

31. Survey project name
Hub City Historic District

32. Date form completed
October 10, 2011

25. Sources of information

THIS SECTION FOR MDAH USE ONLY

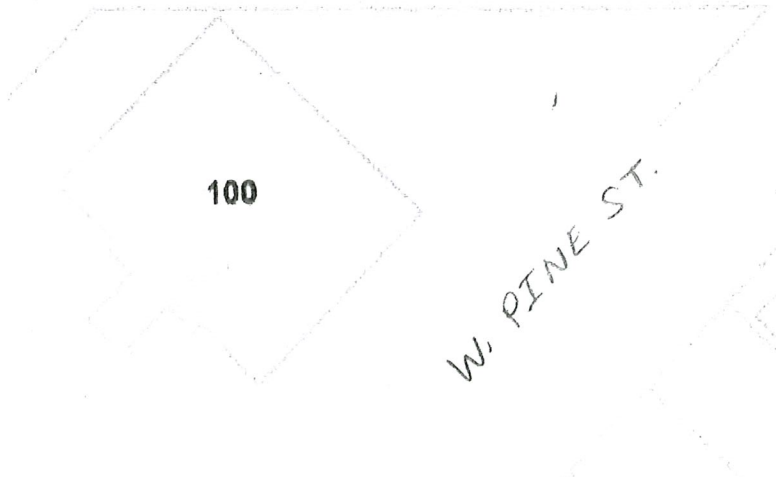
33. Evaluation of National Register eligibility

a. ☐ already listed (see front of form)
☐ appears individually eligible
☐ potentially eligible if restored
☐ would contribute to district
☐ does not appear eligible
☐ insufficient information

b. Evaluated by/date

26. Sketch of building plan or site plan. (Show outline of building)

Draw north arrow here.



MDAH
MISSISSIPPI DEPARTMENT OF
ARCHIVES & HISTORY

P.O. Box 571
Jackson, MS 39205-0571
601-576-6850
mdah.ms.gov

February 9, 2022

Ms. Ginger Lowery
Planning Manager
City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401

RE: National Register eligibility determination for 100 Hardy Street, Hattiesburg, MS

Dear Ms. Lowery,

I hope this letter finds you well. I am writing in response to a request from the City of Hattiesburg to comment on the National Register eligibility of the building located at 100 Hardy Street. As the State Historic Preservation Office, MDAH follows the guidance of the Secretary of the Interior's *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation* in determining eligibility. The main points of consideration are a property's age, significance, and integrity.

The building located at 100 Hardy Street is currently listed as a non-contributing element in the Hub City National Register District: Boundary Increase II. When the initial survey was conducted in 2012, this property was not considered a contributing resource because it was not yet 50 years of age. Built as the First Mississippi National Bank, the current BancorpSouth building was constructed from 1966-1970 and designed by Curtis and Davis Architects of New Orleans.

Today, the building maintains a high level of integrity and is an excellent example of a modern design that incorporates 1960s sophisticated site planning for both drive-through lanes and pedestrians. Taking into consideration that a decade has passed since the survey was completed and the building is now over 50 years old, MDAH staff has determined that not only would this building be eligible for listing as a contributing element in a district, it would also be individually eligible for listing in the National Register of Historic Places under Criterion C for architecture.

It is our understanding that this eligibility determination has been requested so the property owner may apply for a flood variance. Based on the City of Hattiesburg's Flood Damage Prevention Ordinance 3247 - Article 6 - Section E. Historic Structures, an applicant can apply for a variance if elevating or flood proofing the building would result in it being removed from or ineligible for the National Register. MDAH staff believes that any attempt at flood proofing 100 Hardy Street would require substantial changes to the historic building. It would negatively affect the original form and general appearance of the building which ultimately would result in

Board of Trustees: Spence Flatgard, *president* | Hilda Cope Povall, *vice president* | Carter Burns | Kimberly L. Campbell | Nancy Carpenter | Betsey Hamilton | Web Heidelberg | Edmond E. Hughes Jr. | Mark E. Keenum

loss of integrity. Therefore, we recommend that a variance be granted to BancorpSouth in their efforts to rehabilitate this significant Hub City building.

If we can provide any additional information on the significance of the building located at 100 Hardy Street, or if you have any questions about the information in this letter, please let me know.

Thank you for your dedication to preservation in your community.

Sincerely,

Meredith Massey
Certified Local Government Coordinator
mmassey@mdah.ms.gov
601.576.6538

Lowrey, Ginger

From: Archer, Russell
Sent: Wednesday, March 23, 2022 4:31 PM
To: Lowrey, Ginger
Subject: FW: BancorpSouth bldg.

From: Archer, Russell
Sent: Wednesday, January 26, 2022 4:17 PM
To: stephens@daniel-designstudio.com
Subject: RE: BancorpSouth bldg.

Hi, Stephens.

Yes, I can confirm that the proposed renovations, as submitted, will not require review/approval by the Historic Conservation Commission. The exterior renovations, specifically as it relates to the glass curtain wall installation, are considered "in-kind replacement" that will not result in a substantial change of appearance of the outside of the building. Thus, staff approval is all that is required for that scope of work. The Historic Commission does not review any type of interior renovations nor do they have oversight over minor landscape changes related to planting bed sizes, locations, species, etc.

Let me know if I can provide any further clarification.

Best,
Russell

From: stephens@daniel-designstudio.com [mailto:stephens@daniel-designstudio.com]
Sent: Sunday, January 23, 2022 8:39 PM
To: Archer, Russell <rarcher@hattiesburgms.com>
Subject: RE: BancorpSouth bldg.

Russell,

Could you confirm in email that an historic committee review will also not be required?

Stephens Daniel, AIA, LEED AP BD+C
stephens@daniel-designstudio.com

DANIEL DESIGN STUDIO, P.C.
398 E. Main St., Suite 209
Tupelo, MS 38804
(P) 662.260.4543

From: Archer, Russell <rarcher@hattiesburgms.com>
Sent: Thursday, January 20, 2022 8:30 AM

SUBJECT PARCEL:

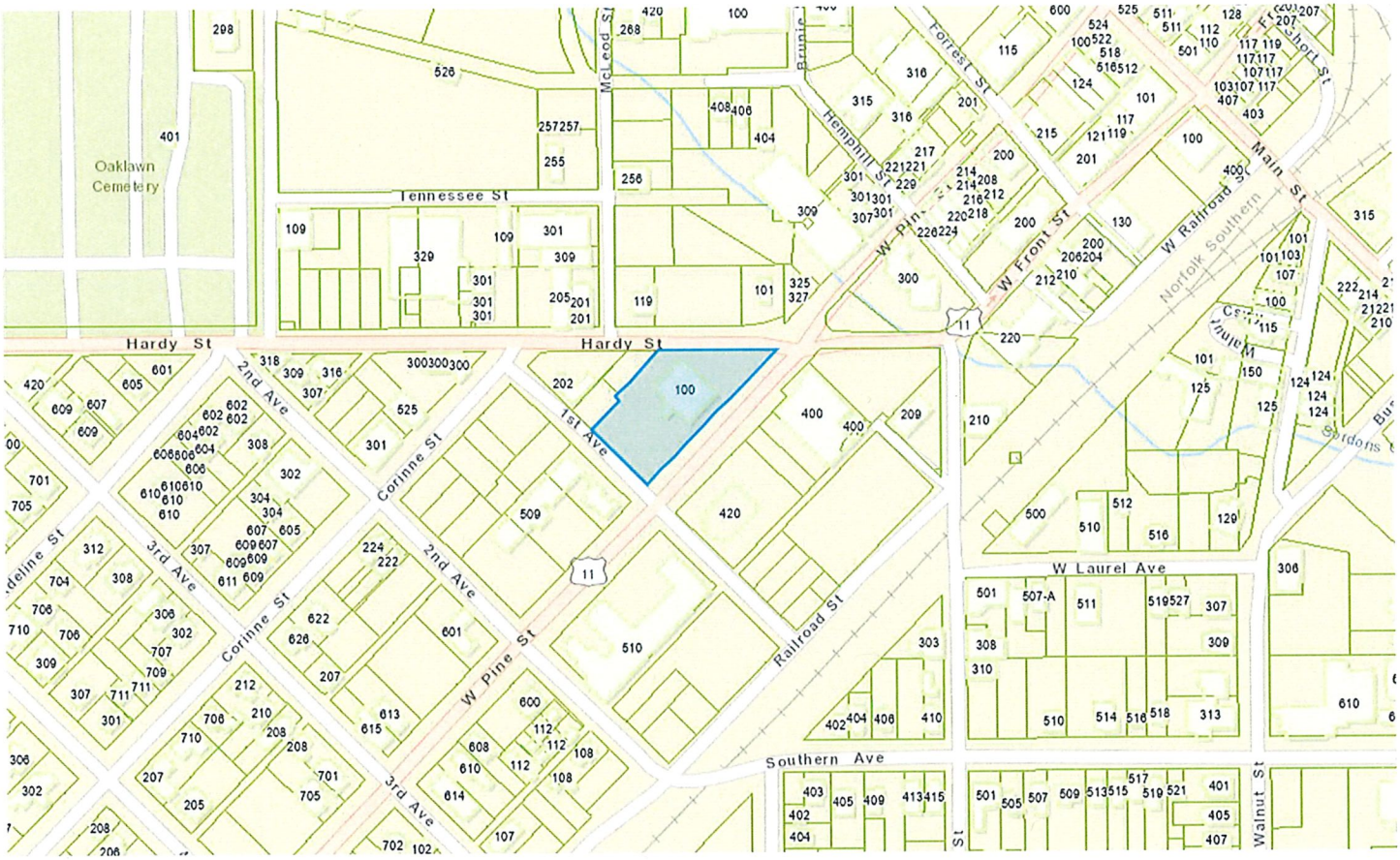
100 Hardy St - BancorpSouth

Stephens Daniel, Applicant, and Carol Drake, Owner

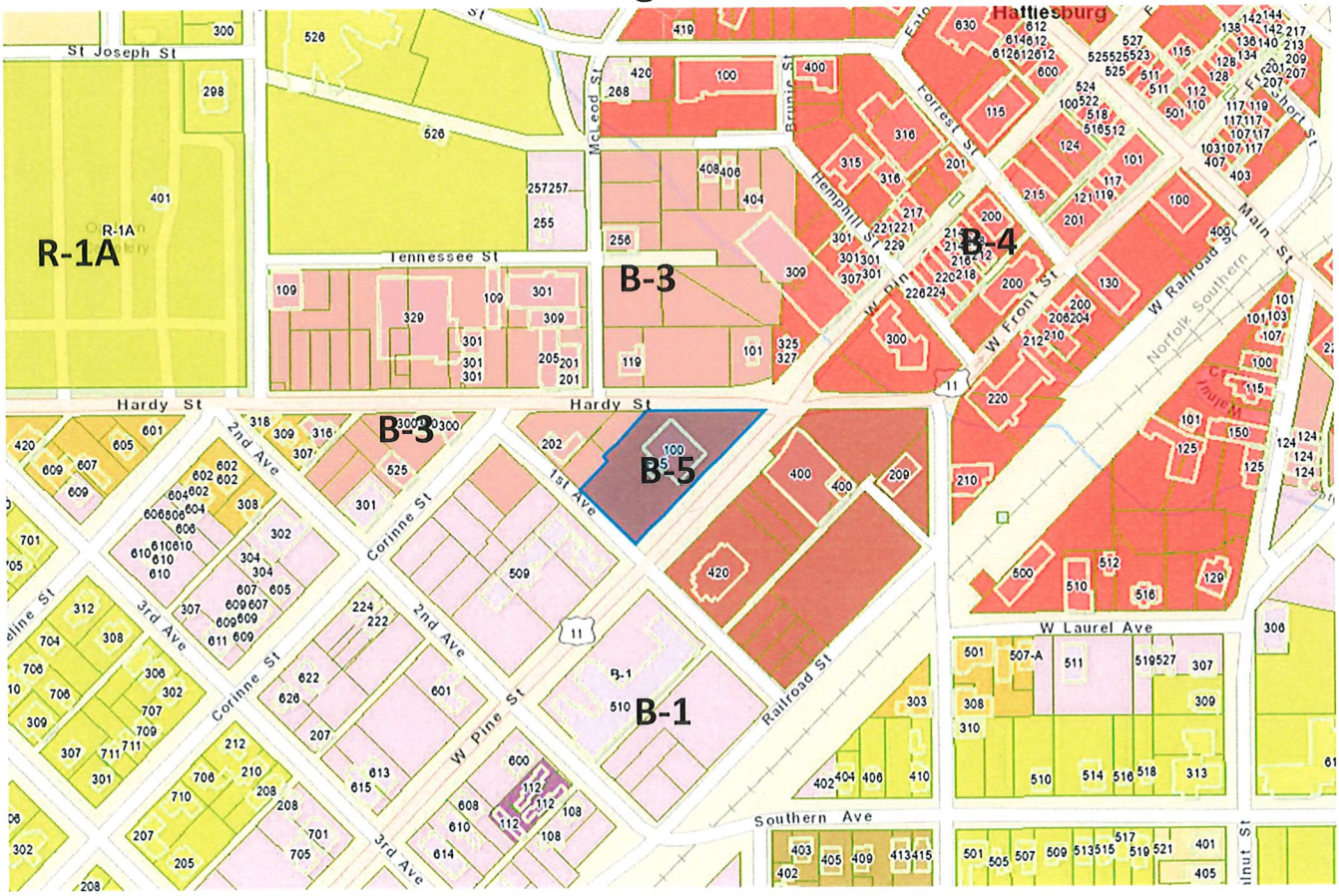
A petition has been filed by Stephens Daniel, Applicant, and Carol Drake, Owner as required in the Flood Damage Prevention Ordinance No. 3294, to request a variance from Article 6, Section E, which states that qualifying historic structures may apply for a flood variance from the requirement to elevate or flood proof the structure, for 100 Hardy St (Parcel No. 2-029O-10-033.00, PPIN 19356, Forrest County, Ward 4).



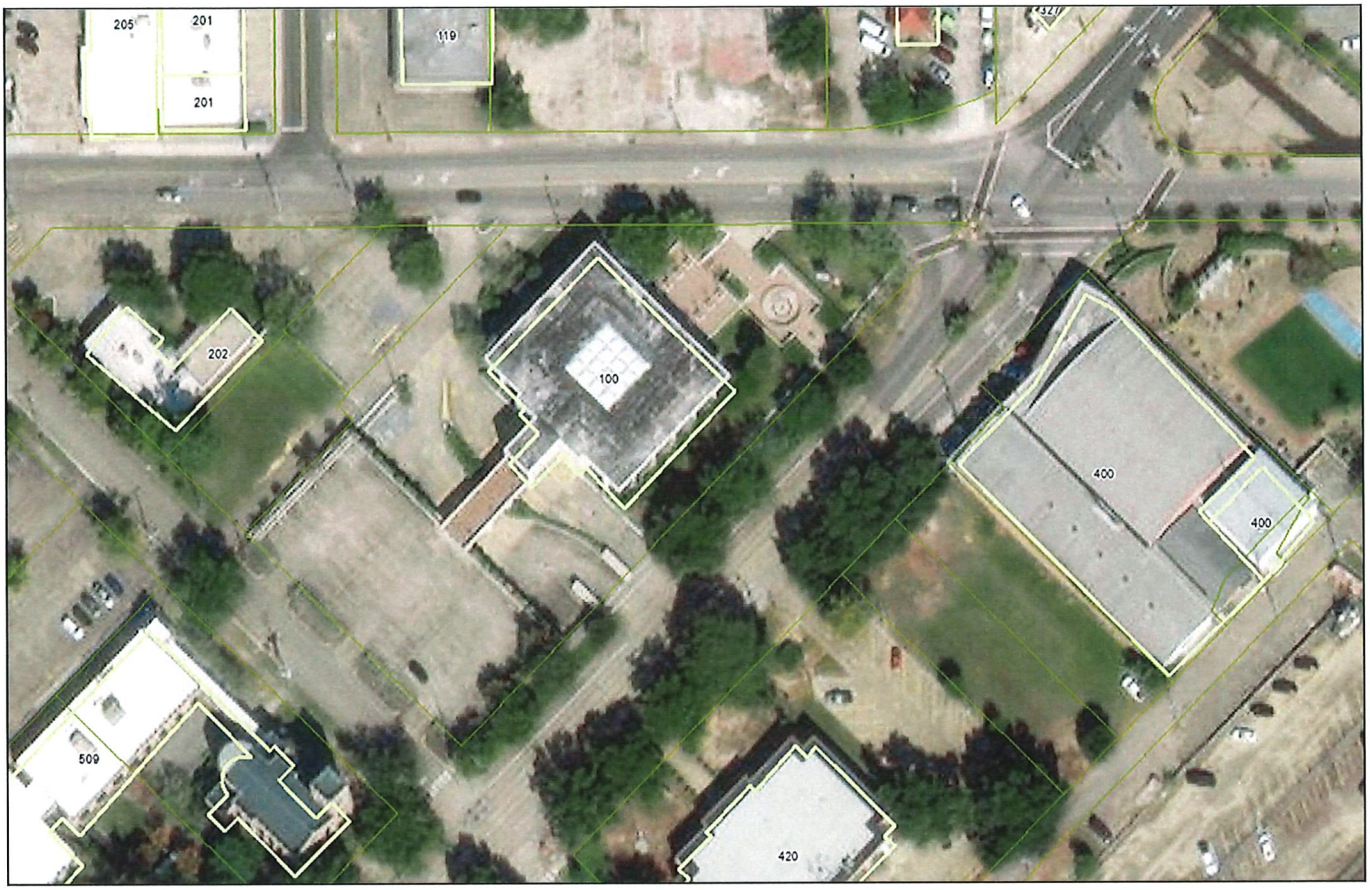
Vicinity Map—Ward 4



Zoning—B-5



Site Aerial



SURROUNDING AREA

Northern Direction: B-3 Community Business





Southern Direction: B-5 Community Business

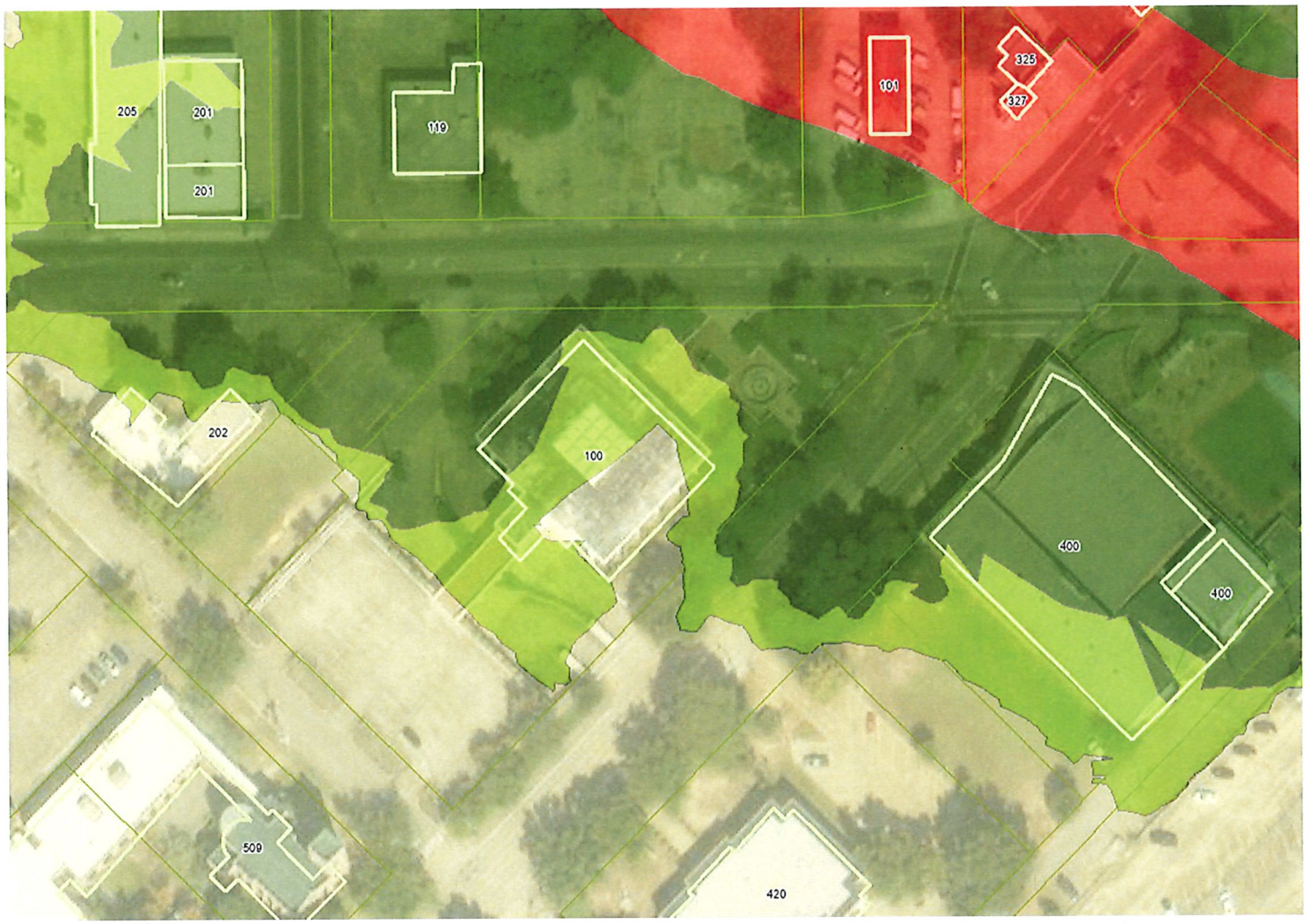


Eastern Direction: B-4 Downtown Business

Western Direction: B-3 Community Business



Flood Zone Map



Note: Floodways and Zone AE are regulated flood zones

FEMA Firm Panel 0108D, Panel 108 of 300

Map Number 28035C0108D

Floodplain

FEMA Flood Zones

- FLOODWAY AREA IN ZONE AE
- ZONE A (100 yr flood - no elevation)
- ZONE AE (100 yr flood w / elevation)
- ZONE SX (500 yr flood)
- ZONE X (No Special Flood Hazard Area)

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny a petition has been filed by Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative, to request a Conditional Use as a "Solar Farm" in R-1A (contingent on zoning change) for a property located on Bonhomie Road (PPIN 27685, Forrest County, Ward 5). The Planning Commission recommended to APPROVE on April 6, 2022 with the condition that the developer observe school zones during construction.**
File Number: 2022-259
Minute Book #

Summary

Bonhomie Road - Conditional Use - "Solar Farm" in R-1A Zoning

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

Items: B and C
Joseph Tatum, owner, Silicon Ranch Corporation,
Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative
Request for: **Zoning Change/Conditional Use**

Planning Commission
Case Fact Sheet

Name of Petitioners:	Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
500 E Pine Street	2-041C-28-001.00	27685	5

Request:

(b) Zoning Change from B-3 to R-1A
(c) Conditional use for "Solar Farm" in R-1A zoning

Purpose of Request:

(b) To consider an application to change the zoning classification for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5) from Section 5.4.10 Community Business District B-3 to Section 5.4.3 Residential District R-1A.

(c) To consider an application to request a Conditional Use as a "Solar Farm" in R-1A (contingent on zoning change) for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5).
Request is contingent upon rezone of property to R-1A zone.

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 **Zoning Districts Established**

4.5.1 R-1A Residential District: The purpose of the R-1A District is to permit single-family residential uses with related recreational, religious and educational facilities. This district is consistent with the Neighborhood Conservation 1 and 2 districts in the Comprehensive Plan. This zoning district encourages protected lower density residential neighborhoods with only compatible supporting

institutional uses and open space.

4.5.10 B-3 Community Business District: The purpose of the B-3 District is to provide for retail, personal service, and offices in locations with convenient access to the community consistent with comprehensive planning policies. This district is consistent with the Community Business District in the Comprehensive Plan

SECTION 9 **Definitions**

Solar Farm: Energy generation facility that converts sunlight into electricity by multiple photovoltaics (PV) solar panels mounted on stationary poles and considered as a primary land use.

Present Zoning: This parcel is currently zoned B-3 (Community Business) District

Present Use: Vacant lot

Future Land Use: Neighborhood Conservation District 2

Surrounding Zoning and Land Use:

North: B-5 (Regional Business) District – Vacant, undeveloped
South: R-1A (Single-Family Residential) District – Existing Solar Farm
East: B-3 (Community Business) District/ Retail – Various Commercial Uses
West: R-1A (Single-Family Residential) District – Existing Solar Farm

Most Nearly Bounded By (streets): The parcels is most nearly bounded to the east by US Highway 49, to the west by Bonhomie Road. They are accessible by US Highway 49 and Bonhomie Road by private utility access roads.

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case, as of March 23, 2022

History / Background: The applicant met with staff in Pre-Application to discuss the expansion of the existing solar farm on Bonhomie Road. The proposed expansion would expand across approximately 11 acres from the existing farm into the adjacent parcel zoned B-3. The limits of the solar expansion in the B-3 parcel will be subdivided through the minor subdivision process, leaving a portion of the parcel with Highway 49 frontage as a B-3 zone. A conditional use is required for a solar farm in a R-1A zone, and its approval is contingent upon the rezone request being approved.

The project has contingent site plan approval and minor subdivision approval for the development, granted the rezoning and conditional use are approved.

Items: B and C
Joseph Tatum, owner, Silicon Ranch Corporation,
Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative
Request for: **Zoning Change/Conditional Use**

City Council approved a text amendment to the previous Land Development Code to add Solar Farm to uses permitted on review under R-1A and R-2 zones and updated the Comprehensive Plan Language to support private development of sustainable energy on October 20, 2015.

Option: **Basis for approval (Zoning Change):**

I. There was a mistake in the original zoning
II. The character of the neighborhood has changed substantially so that rezoning is clearly justified **and** there is a public need for the rezoning
III. Annexation

Conditional Use Approval Criteria:

12.3.3.2 Additional Approval Criteria. In addition to the standards [**N/A**], the applicant for a request for the Planning Commission to approve a use shall be required to demonstrate that his/her proposal addresses the following additional requirements, except that the Planning Commission may waive any one or more criteria that it determines are not applicable based upon the expected impact of the proposal.

i. Determination that adequate public facilities and services will be available concurrent with the impacts of the development as evidenced by letters of sufficiency from utilities and schools and a determination by the city engineer that the available capacity of existing streets can safely provide access to the site.

ii. The proposed development will be compatible with surrounding uses and will protect adjacent properties through the following measures:

- Protection of privacy. The proposed plan shall provide reasonable visual and auditory privacy for all dwelling units located within and adjacent to the site. Fences, walls, barriers and / or vegetation shall be arranged to protect and enhance the property and to enhance the privacy of on-site and neighboring occupants.
- Protection of use and enjoyment. The proposed plan shall be designed and arranged to have minimal negative impact on the use and enjoyment of adjoining property.
- Compatible design and integration. The use meets all design criteria required by this Code that apply and is designed to integrate well both on and off site.

In addition to the standards [5.4.18], the applicant for a request for the Planning Commission to approve a use shall be required to demonstrate that his/her proposal addresses the following additional requirements, except that the Planning Commission

may waive any one or more criteria that it determines are not applicable based upon the expected impact of the proposal.

i. Determination that adequate public facilities and services will be available concurrent with the impacts of the development as evidenced by letters of sufficiency from utilities and schools and a determination by the city engineer that the available capacity of existing streets can safely provide access to the site.

SUBJECT PARCEL:

Bonhomie Road

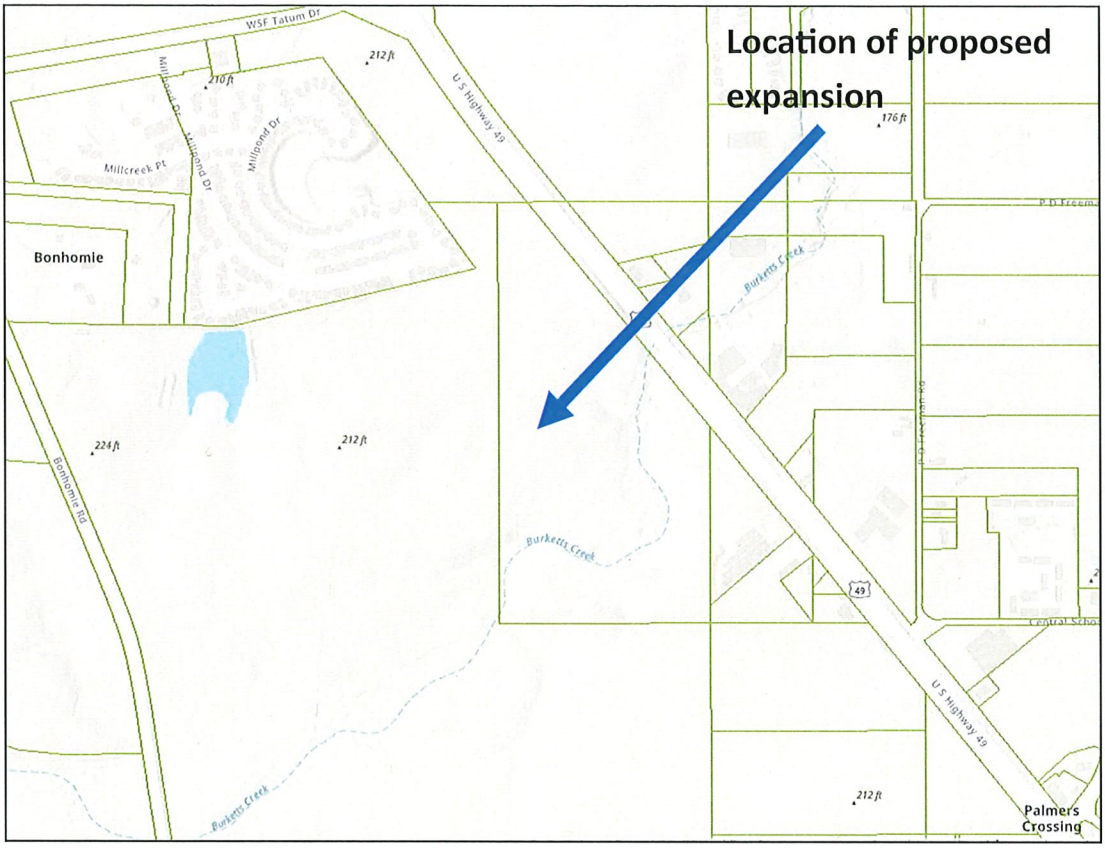
Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative The petitioner requests

(B) to change the zoning classification for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5) from Section 5.4.10 Community Business District B-3 to Section 5.4.3 Residential District R-1A and

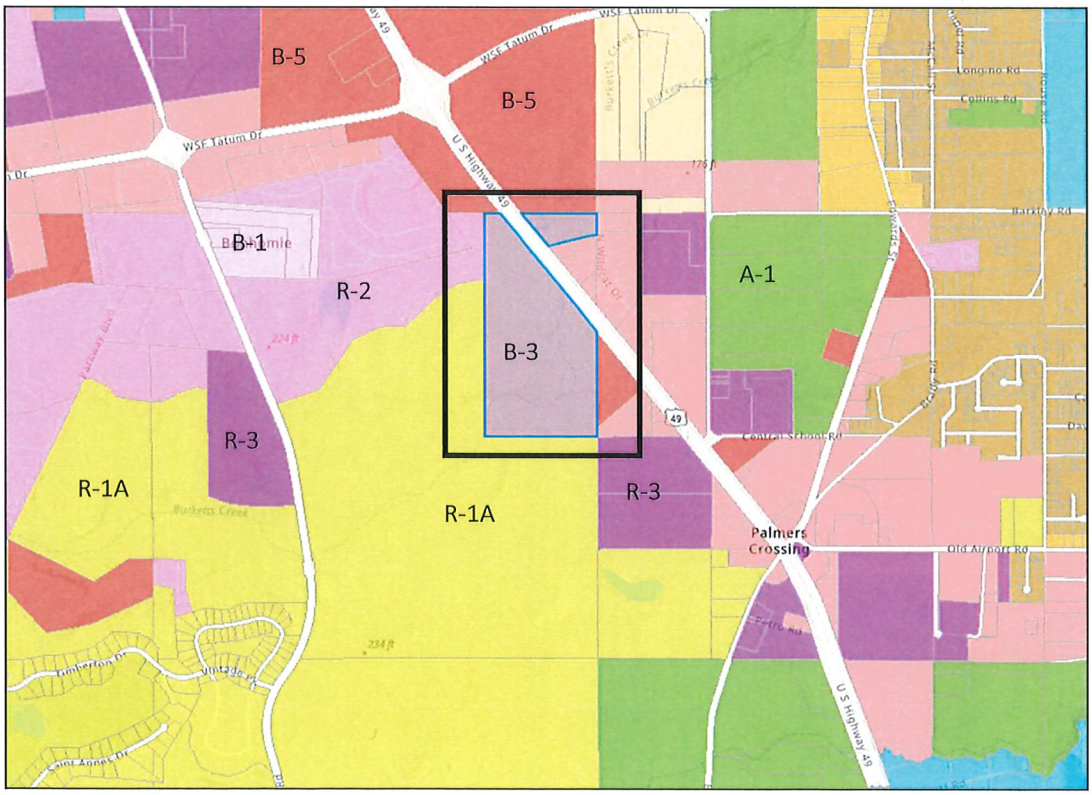
(C) to request a Conditional Use as a "Solar Farm" in R-1A (contingent on zoning change) for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5). Conditional use contingent on R-1A rezone.



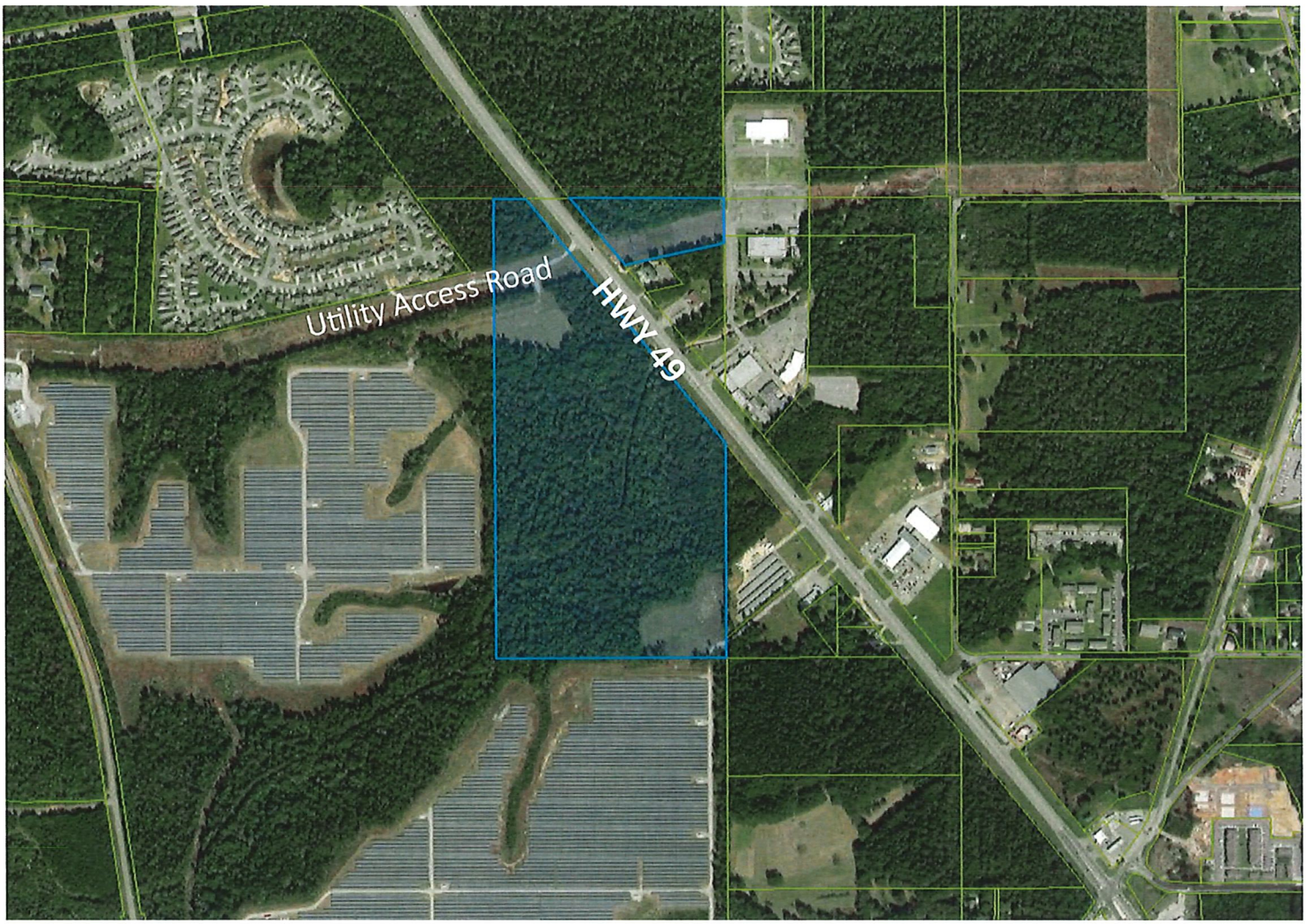
Vicinity Map—Ward 5



Zoning—B-3



Site Aerial



SURROUNDING AREA

Northern Direction: R-2 (Two-Family Residential) Burkett Creek West Housing Development





Southern Direction: R-1a (Single–Family Residential) Existing Solar Farm Array

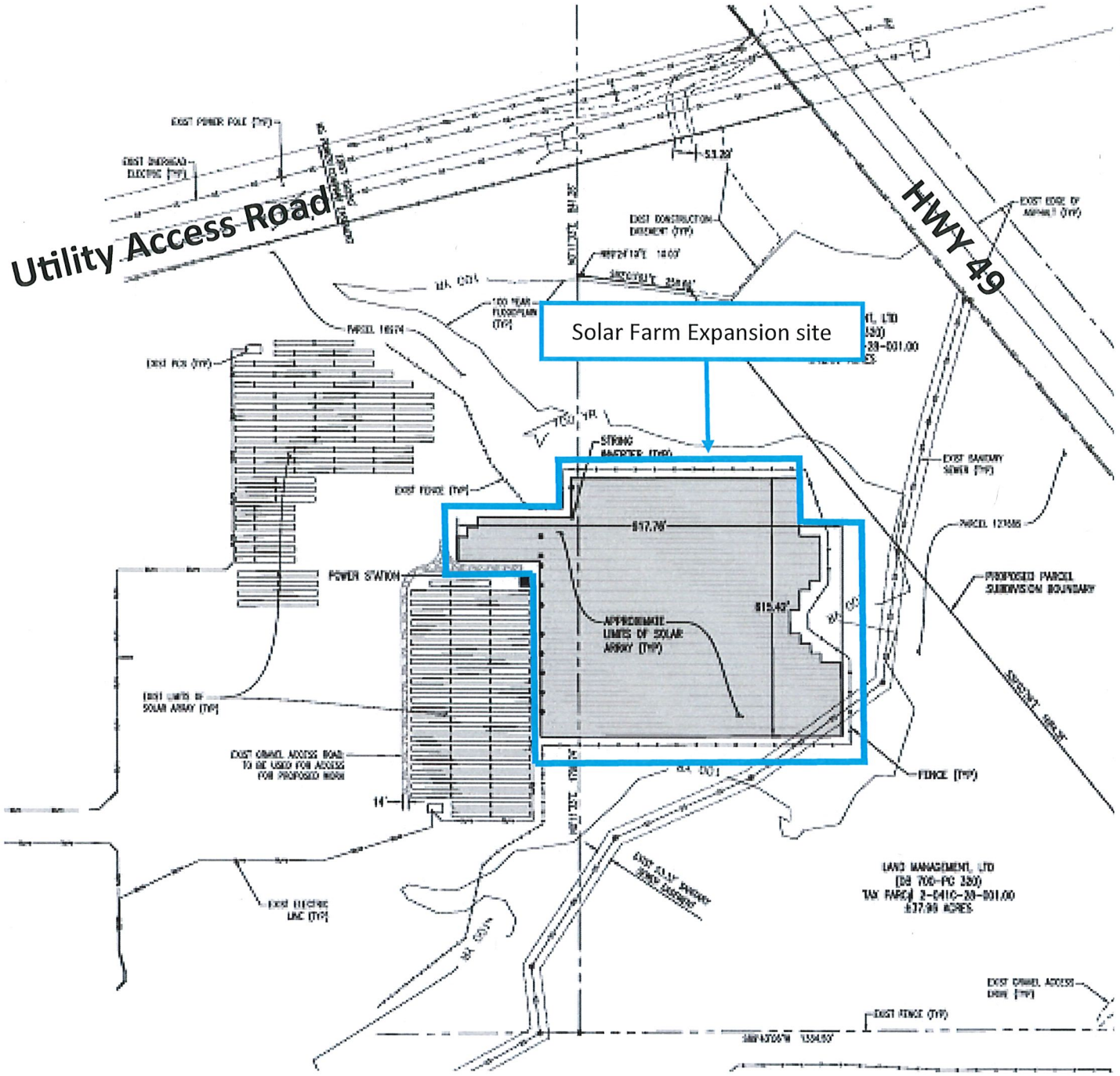


Eastern Direction: B-3 (Community Business) Pending Minor Subdivision, Undeveloped Lot

Western Direction: R-1A (Single Family Residential) Existing Solar Farm Array



Proposed Site Plan (Focused View)



Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny a petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request Sec 4.4 the use of "Parking lot or garage" as a primary use for properties located on Lorraine Street, S. 30th Avenue, and S. 31st Avenue (PPIN'S 20856; 20857; 20849; 20855; 20850; Ward 3). The Planning Commission recommended to APPROVE on April 6, 2022.**
File Number: 2022-261
Minute Book #

Summary
Lorraine Street, S 30th Avenue, and S 31st Avenue - Primary use as "Parking lot or garage"

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

Item: F
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Surface Parking**

Planning Commission
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Lorraine Street	2-028N-07-069.00	20856	3
	2-028N-07-070.00	20857	
	2-028N-07-063.00	20849	
	2-028N-07-068.00	20855	
	2-028N-07-064.00	20850	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a request for the use of "Parking lot or garage" as a primary use for property located on Lorraine Street, S. 30th Avenue, and S. 31st Avenue.

Applicant Summary: See Attached

Applicable Regulations:

Article 4 **Section 4.4 Permitted Use Table (FBC Page 48)**

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Item: F
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Surface Parking**

Letters or Concerns stated:

The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan.

The Midtown Form-Base-Code requires Planning Commission review for certain uses. The purpose is to ensure these uses are located and sited appropriately. Parking lots should be throughtfully placed and should not dominate this pedestrian oriented, urban environment.

The Planning Commission should consider including the proposed "Future building sites" presented in the proposed site plan in a motion to secure developable space along S. 30th Ave. and S. 31st Ave.

SUBJECT PARCEL:

Midtown Location for Jones Company Headquarters

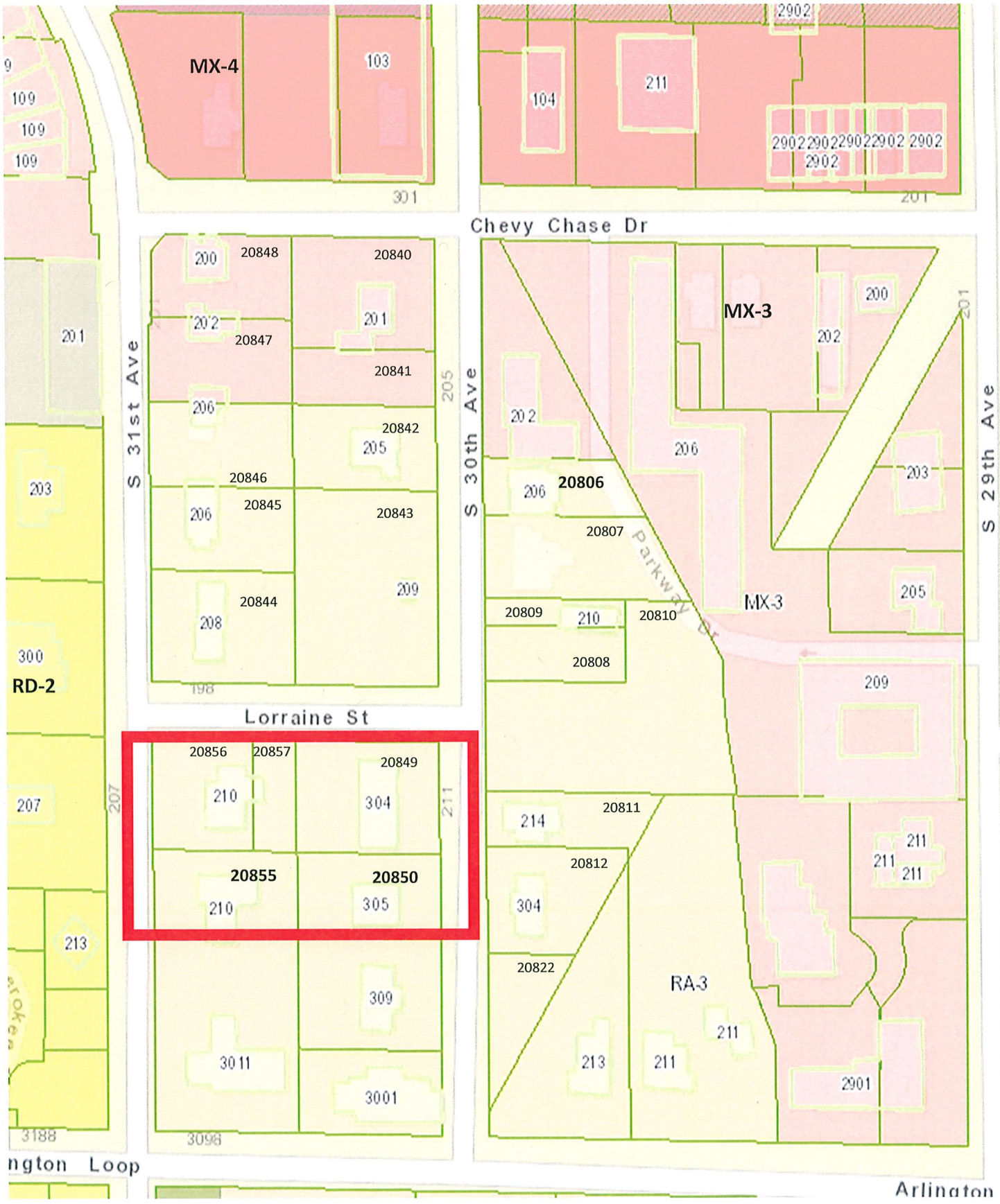
Reed Nelson, Representative, Midtown Montevista LLC, Owner

The petitioners request the use of "Parking lot or garage" as a primary use for certain properties located on Lorraine Street, S. 30th Avenue, and S. 31st Avenue (Parcel 2-028N-07-069.00, PPIN 20856; Parcel 2-028N-07-070.00, PPIN 20857; Parcel 2-028N-07-063.00, PPIN 20849; Parcel 2-028N-07-068.00, PPIN 20855; Parcel 2-028N-07-064.00, PPIN 20850; Ward 3).

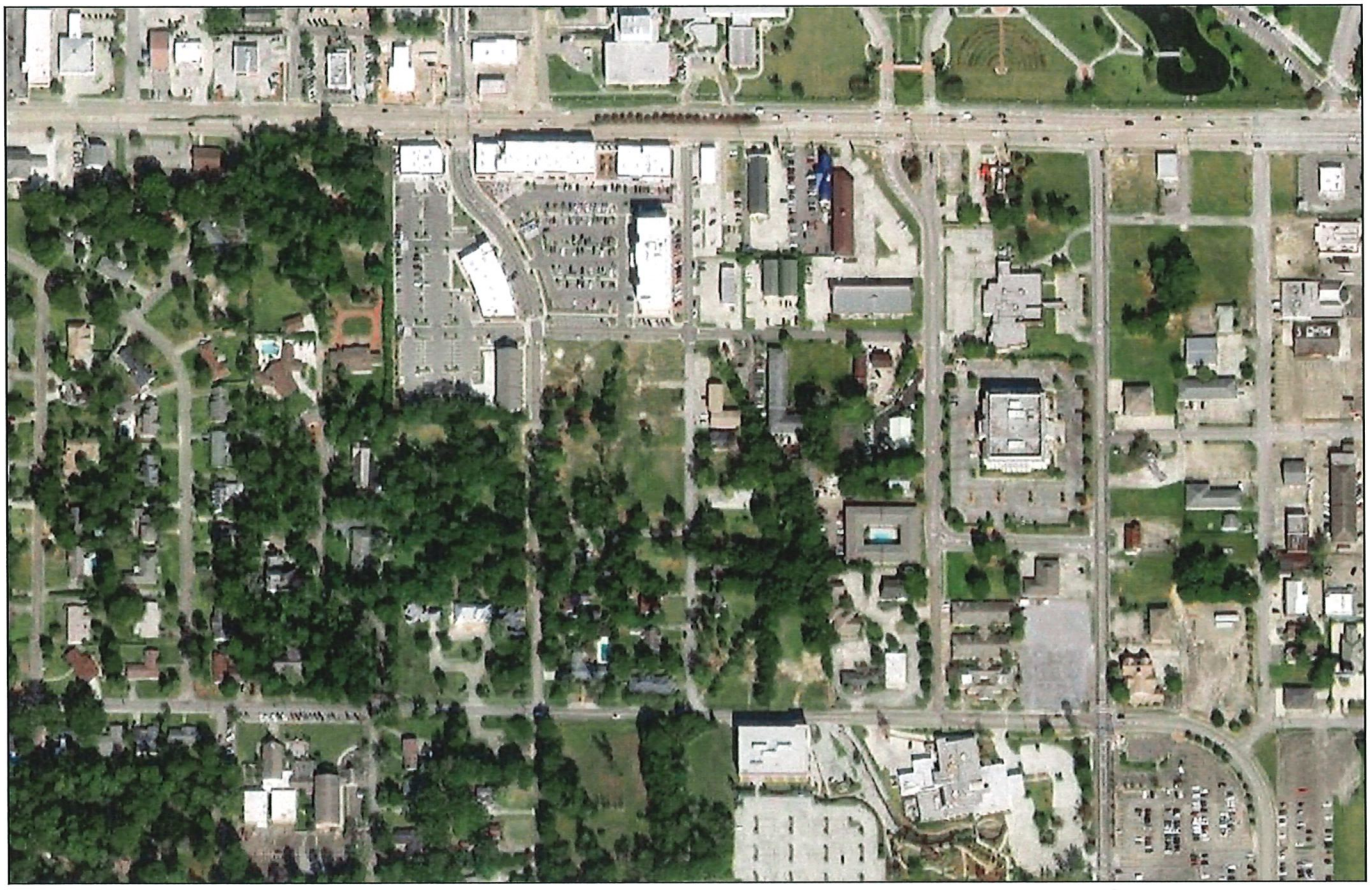


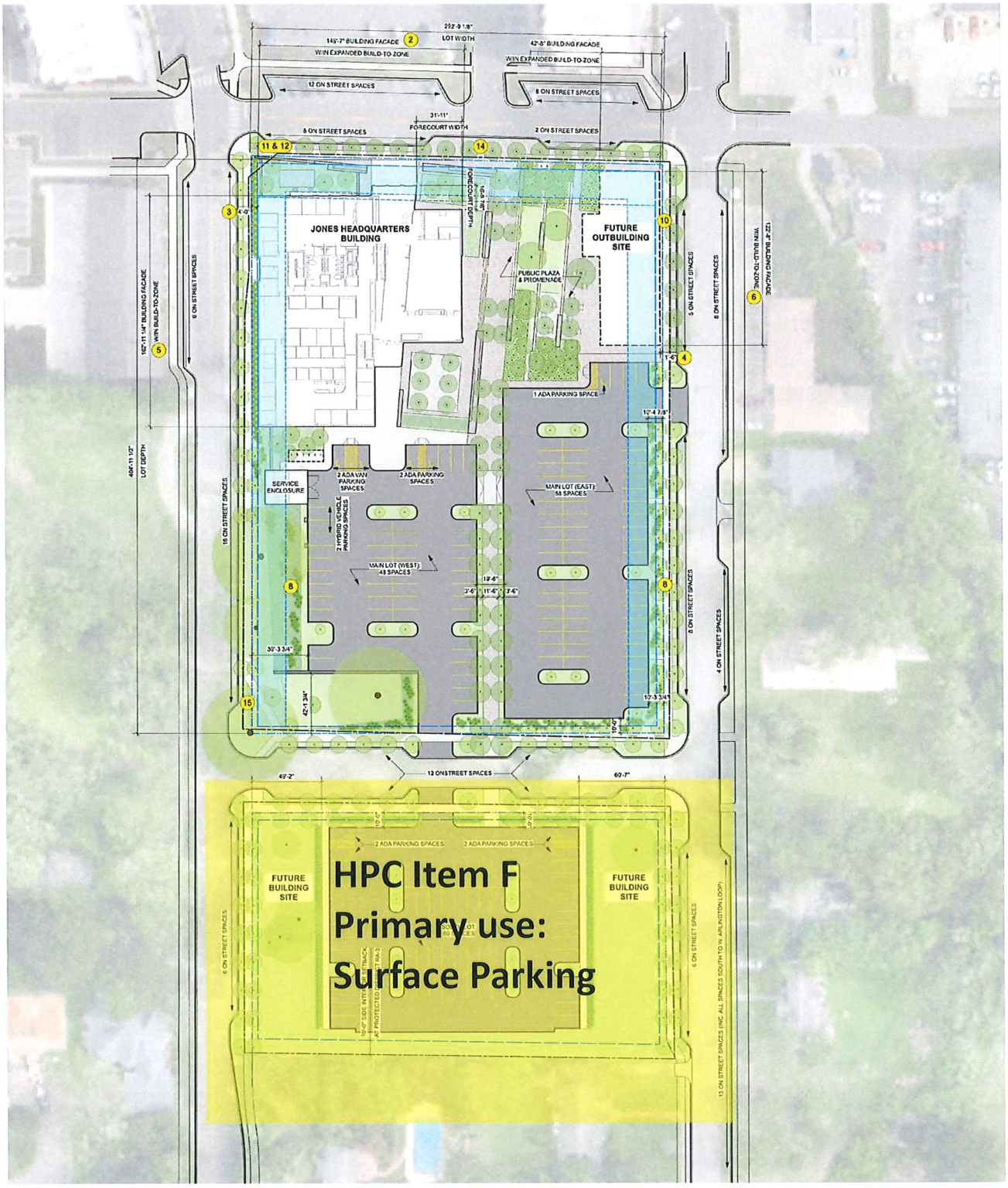


Subject Area for Use Request



Site Aerial





LEGEND & NOTES

(##) REFER TO VARIANCE REQUEST WRITTEN MEMO FOR DESCRIPTION AND CODE REFERENCE

PROPERTY LINE
MIDTOWN STREETS (BY OTHERS)
RIGHT-OF-WAY
SETBACK
BUILD-TO-ZONE
BUILD-TO-ZONE W/ 20% INCREASE AT CHEVY CHASE DR. ONLY (1)
JONES HEADQUARTERS OFFICE
OUTPARCEL BUILDING SITE & APPROXIMATE FOOTPRINT

ASPHALT PARKING LOT (7)
INTERIOR ISLAND: 321.7 SQFT, TYP (9)
UNIT PAVING (BRICK, OR SIM.)
CIP CONCRETE PAVING
STONEDUST PAVING
LAWN
PLANTING BEDS

BIKE RACKS (SHORT TERM PARKING): 6 SPACES TOTAL; ALL RACKS DOUBLE SIDED WITH MIN. 2' X 6' CLEARANCE FOR BIKES
BIKE SHELTER (LONG TERM PARKING): 12 SPACES TOTAL
PRECAST CONCRETE WALLS & BENCHES
PRECAST CONCRETE STEPS
CIP CONCRETE WALLS
PARKING LOT LIGHT FIXTURE: POLE MOUNTED LUMINAIRE

PROPOSED CANOPY TREE - LARGE
PROPOSED CANOPY TREE - MEDIUM (13)
PROPOSED CANOPY TREE - SMALL (ALL TREES TO BE 3" CALIPER & 10'-0" MIN. HEIGHT AT TIME OF PLANTING)
PERIMETER SHRUB SCREENING (18" MIN. HEIGHT AT TIME OF PLANTING)
EXISTING CANOPY TREE

REED HILDERBRAND

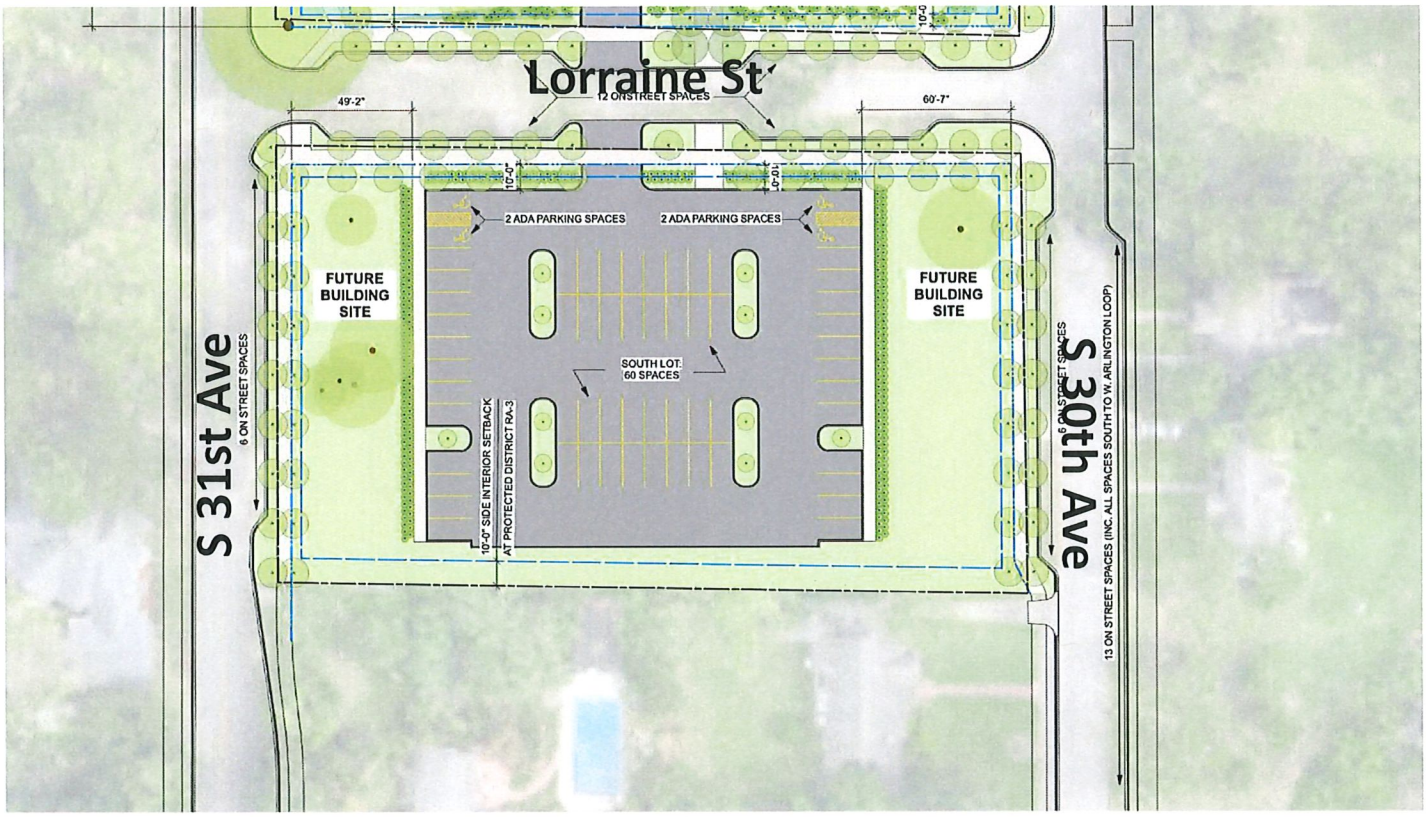
JONES COMPANIES HEADQUARTERS
HATTIESBURG, MISSISSIPPI

CONCEPTUAL SITE PLAN
CITY PRE-APPROVAL & VARIANCE REQUEST

0 30'

MARCH 2, 2022

Site Plan



NOTES

SUBJECT PROPERTIES

Vacant Parcel South of Chevy Chase Drive





Subject property facing north from Lorraine St



Vacant Parcel on S 30th Ave



S 31st Ave Streetscape

SURROUNDING AREA

Current View of Midtown Mixed-Use Area





Streetscape of N 31st Ave



Midtown Townhomes on S 31st Ave



Indigo Hotel on S 30th Ave

Surrounding Area

206 Chevy Chase Drive—Apartment Complex





202 S 30th Ave—Apartment Complex



Streetscape at corner of S 30th and Chevy Chase Drive



309 S 30th Ave

SURROUNDING AREA

S 30th Streetscape View





3011 Arlington Loop



South 31st Streetscape



South 31st Streetscape (facing West)

Conditional Use Request
Jones Companies, LLC Headquarters Relocation

Applicant/Owner: Jones Companies, LLC (applicant) and Midtown Montevista, LLC (real property owner).

Applicant/Owner Address: 16 Office Park Drive, Suite 10, Hattiesburg, MS 39402.

Applicant/Owner Representative: Reed Nelson (reed.nelson@jones.com; 601-633-6578).

Counsel Representing Applicant/Owner: William D. Drinkwater (wdrinkwater@brunini.com; 601-960-6849), Brunini, Grantham, Grower & Hewes, PLLC, P.O. Drawer 119, Jackson, Mississippi 39205.

Property Address: 306 Chevy Chase Drive, Hattiesburg, MS. 39401

Conceptual Site Plan: **See Exhibit 1.**

CONDITIONAL USE REQUEST

Under Section 4.4 of the Midtown Hattiesburg Form-Base Code Code (Permitted Use Table), a "parking lot or garage" requires planning commission approval in MX districts. Jones is requesting a conditional use to construct the parking lot south of Lorraine Street depicted on the Conceptual Site Plan attached hereto as **Exhibit 1**. This use will not have any impact on utilities or facilities in the community, as it will be a parking lot. The lot will be used by Jones's employees and customers and is accessory to the primary building and lot located just to the North. Allowing this use will discourage spillover parking into other establishments' parking spaces, and therefore, should be beneficial to Jones's neighbors. The lot is of more than adequate size to accommodate this use, as well as future commercial uses as indicated in the Conceptual Site Plan. Jones does not anticipate this use causing elevated noise levels and does not anticipate it generating any additional traffic beyond the traffic generated by its employees and customers coming and going from its headquarters building. Jones anticipates 124 full-time employees upon opening its headquarters location, and those employees will primarily use the lot North of Lorraine. The parking lot will be buffered by numerous canopy trees and shrubs, as well as significant green space on the eastern and western borders pending future development.

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny a petition filed by Juli Martinez, Owner, to request a variance from section 10, Table 10.6 "Sign Message Area (Max)(sq. ft)" for wall signs in residential districts, "50 square feet", and instead allow a wall sign of 108 square feet for a variance of 68 square feet for the property located at 1503 Country Club Road (Ward 5). The Board of Adjustment recommended to APPROVE on April 6, 2022.**
File Number: 2022-262
Minute Book #

Summary

1503 Country Club Road - Sign Variance

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

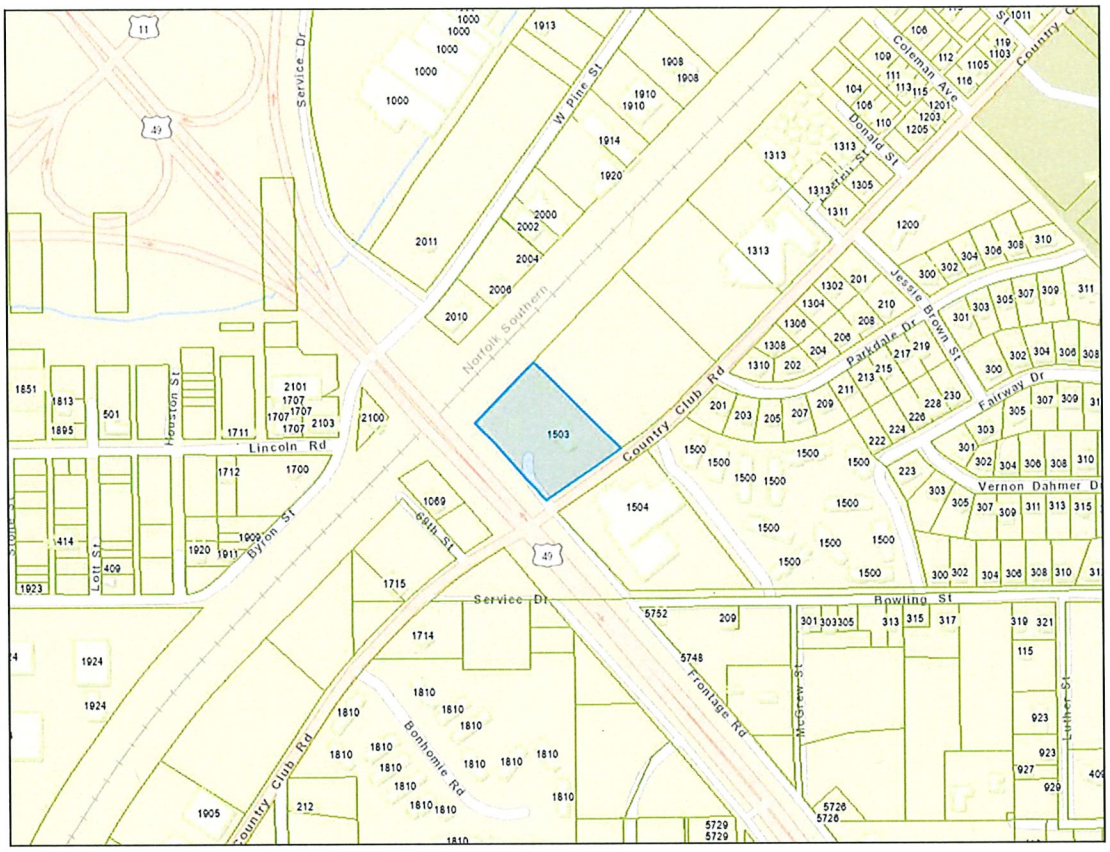
SUBJECT PARCEL:
1503 Country Club Road

Juli Martinez, Owner

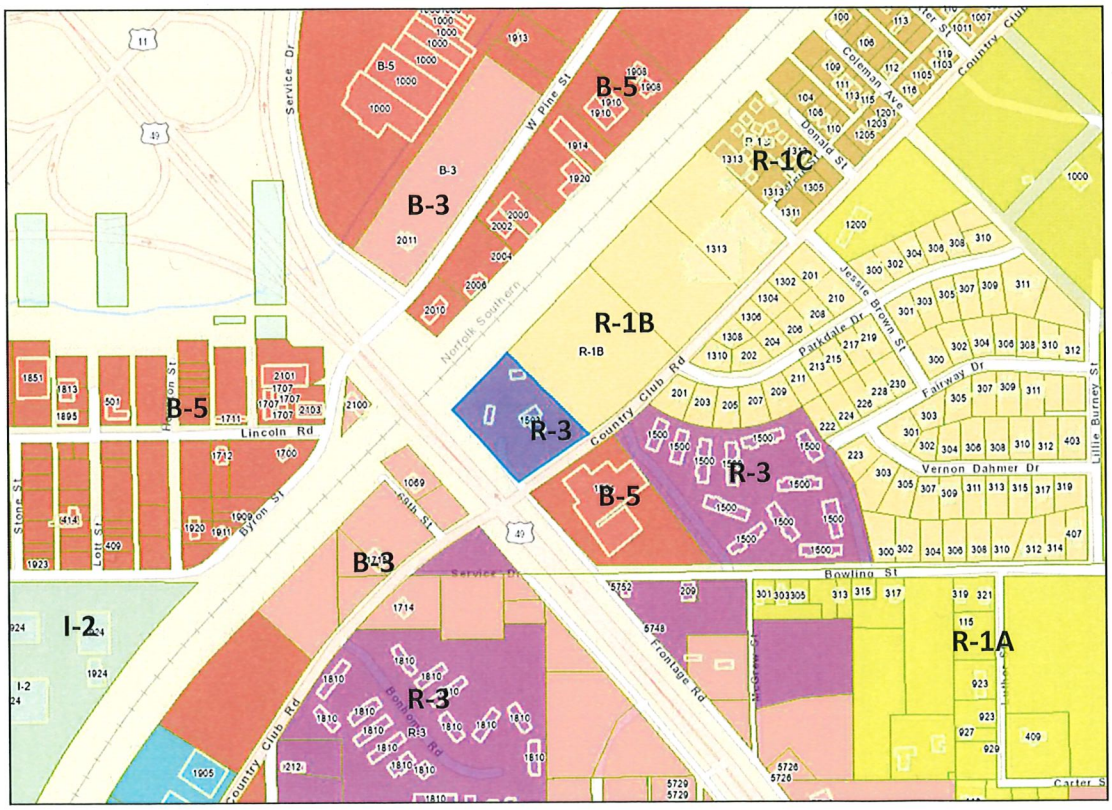
The petitioners request a variance from section 10, Table 10.6 "Sign Message Area (Max)(sq. ft)" for wall signs in residential districts, "50 square feet", and instead allow a wall sign of 108 square feet for a variance of 68 square feet for the property located at 1503 Country Club Road (Parcel No. 2-038E-16-106.00, PPIN 17576, Forrest County, Ward 5).



Vicinity Map—Ward 5



Zoning—R-3



Site Aerial



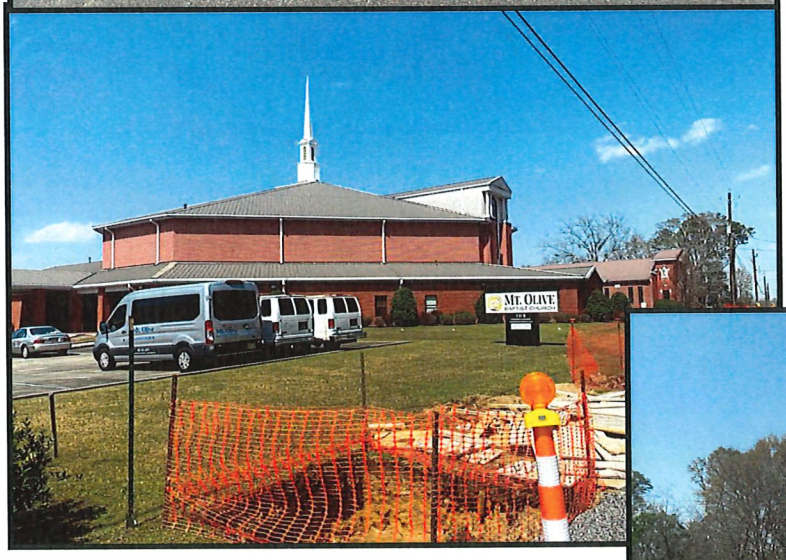
SURROUNDING AREA

Northern Direction: B-5 (Regional Business / Automotive filling station





Southern Direction: B-5 Regional Business / Vacant



Eastern Direction: R-1B(Single Family Residential) District

Mt Olive Baptist Church



Western Direction: B-3 (Community Business)

Current Use: Single Family Residential (Across HWY 49 Bridge)

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Juli Martinez, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
1503 Country Club Road	2-038E-16-106.00	17576	5

Request: **Wall Sign Variance**

Purpose of Request: To consider a variance from section 10, Table 10.6 "Sign Message Area (Max)(sq. ft)" for wall signs in residential districts, "50 square feet", and instead allow a wall sign of 108 square feet for a variance of 68 square feet for the property located at 1503 Country Club Road (Parcel No. 2-038E-16-106.00, PPIN 17576, Forrest County, Ward 5).

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4

Section 4.5.7- R-3 Multi-Family Residential District
The purpose of the R-3 District is to permit medium and high density residential uses including multi-family, two-family, and single-family structures with related
recreational, religious and educational facilities. This district is consistent with the Neighborhood Conservation 1 and 2 districts in the Comprehensive Plan. This zoning district encourages protected residential neighborhoods with only compatible supporting institutional uses and open space.

SECTION 10

Table 10.6-2: Dimensional Requirements by Sign Type

Table 10.6-2 – Wall Sign: Sign Message Area (max) (sq. ft.): For B-1 , All R zones– 1 square foot sign area/1' front façade width up to 50 square feet.
Additional Criteria: 2 per structure/unit

On Premises Signs Building					
Wall Sign	Wall signs shall not extend above roof line	For B-1 , All R zones– 1 square foot sign area/1' front façade width up to 50 square feet	n/a	n/a	2 per structure/unit
		For B-2 – 1 square foot sign area/1' front façade width up to 100 square feet	n/a	n/a	3 per structure/unit
		For B-3, B-5, I-1, I-2 – maximum of 15% of the single wall, 350 square feet max, or for structural canopy 10% per side	n/a	n/a	3 per structure/unit
		For B-4 - 1' sign area/1' front facade width up to 150'			

Present Zoning: R-3 (Multi-Family Residential)

Present Use: Place of Assembly

Future Land Use: Community Business Corridor

Surrounding Zoning: and Land Use:

North: B-5 (Regional Business Distrct)
South: B-5 (Regional Business Distrct)
East: R-1B (Single Family Residential) District/ Residential
West: B-3 (Community Businss District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 16, 2022. The Applicant submitted letters of support from neighbors.

History / Background: A sign contractor applied for a permit in November 2020 on behalf of the petitioner that was not approvable by staff. The permit consisted of an internally illuminated sign, which is not permitted in a residential zone and variance cannot be sought for. The sign could have been permitted based on size, had the internal illumination been removed. Staff notified the contractor and the petitioner on sign regulations. In March 2021, a sign contractor applied for a sign permit that does not meet the size requirements for a wall sign and staff notified the sign contractor that a variance would be required. Staff met with the petitioner and sign contractor in a Pre-Application meeting in September 2021 on the variance request, where staff discussed approvable signage options that did not require a variance.

Item: A
Juli Martinez, Owner
Request for: **Sign Variance**

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Proposed Signage



IGLESIA VIDA

1503 COUNTRY CLUB RD.
HATTIESBURG, MS 39401

STREET FRONTAGE: 120' X 20'

OVERALL SIGN SIZE: 18' X 6'

REVERSE CHANNEL LETTERS (NON-ILLUMINATED)



Variance Information

RECEIVED
FEB 22 2022
BY:

The Board of Adjustment has the responsibility to hear and make recommendation on requests for variances to the requirements of this Code (per Section 11.4.). Section 12.4.1 Variances are departures from the standards of the Land Development Code, except land use, which will not be contrary to the public interest and where, owing to conditions peculiar to the property and not as a result of the action of the applicant, a literal enforcement of this Code would result in unnecessary and undue hardship.

The following conditions must be met before a variance can be recommended. Not all criteria must be met. However, a strong application will meet multiple criteria.

Approval Criteria.

A variance is not a right, but a privilege that property owners meeting the following criteria may request. These criteria are to be used to consider all variance requests. It shall be the burden of the applicant to prove that the request meets these criteria. Use this worksheet or format your own to demonstrate the following criteria.

1. **Hardship.** (a) The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant. (b) There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

The combination of zoning and the location of our church property being along Hwy 49 and at the end of the frontage, also situated at the top of a hill creates difficulty with signage reaching passersby + commuters. This sign variance is necessary to install appropriate signage for proper visibility based on the geographic make-up of the property.

2. **Special Privilege.** A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

3. **Literal Interpretation.** The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

Variance Information

4. **Reasonable Use.** The applicant cannot make reasonable use of the property without the requested variance.

5. **Minimum Required.** The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

6. **Conformance with the Purpose of this Code.** The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

12.4.1.2 Conditions of Approval. In recommending the granting of a variance, the Board of Adjustment may require appropriate conditions and safeguards in conformity with this Code. Violation of such conditions and safeguards, when made a part of the terms under which a variance is granted, shall be deemed a violation of this Code. The recommendation of the Board of Adjustment shall be presented to the City Council for final action.

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny a petition filed by Kevin P. Lewis, Representative, to request a variance from section 7.10.11.1 "Perimeter Landscaping: of 10 feet for the property located at 120 Mayfair Road (Lamar Co., Ward 3).** The Board of Adjustment recommended to APPROVE on April 6, 2022.
File Number: 2022-263
Minute Book #

Summary
120 Mayfair Road - Landscaping variance from 10 feet to 0 feet

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

SUBJECT PARCEL:
120 Mayfair Road

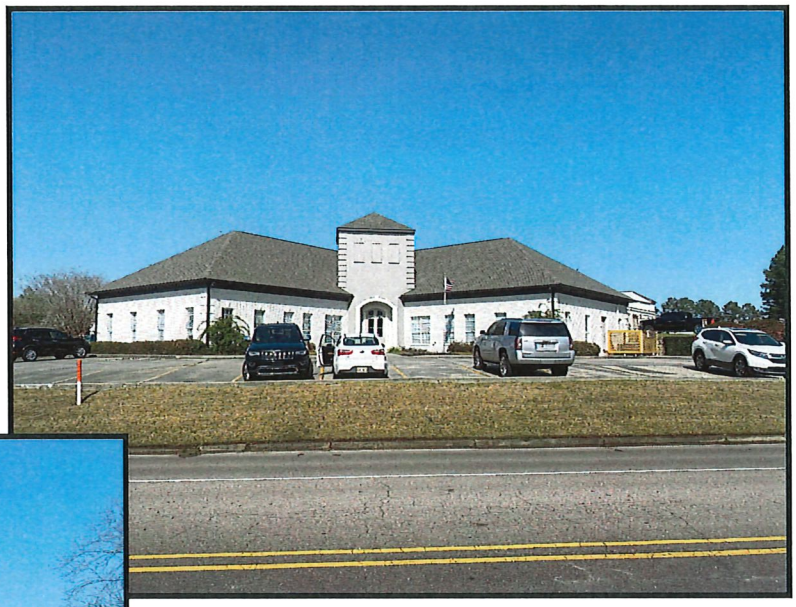
Kevin P. Lewis, Representative

The petitioners request a variance from section 7.10.11.1 "Perimeter Landscaping: A green strip 10 feet in width shall be planted with at least one large, deciduous tree per 60 feet of lineal frontage" and instead allow for a variance of 0 feet of green strip for a variance of 10 feet for the property located at 120 Mayfair Road (Parcel No. 051Q-12-019.000, PPIN 19765 and Parcel No. 051Q-12-020.000, PPIN 17403,



SURROUNDING AREA

Northern Direction: B-5 (Regional Business) - Office use





Southern Direction: B-5 (Regional Business) - Office use

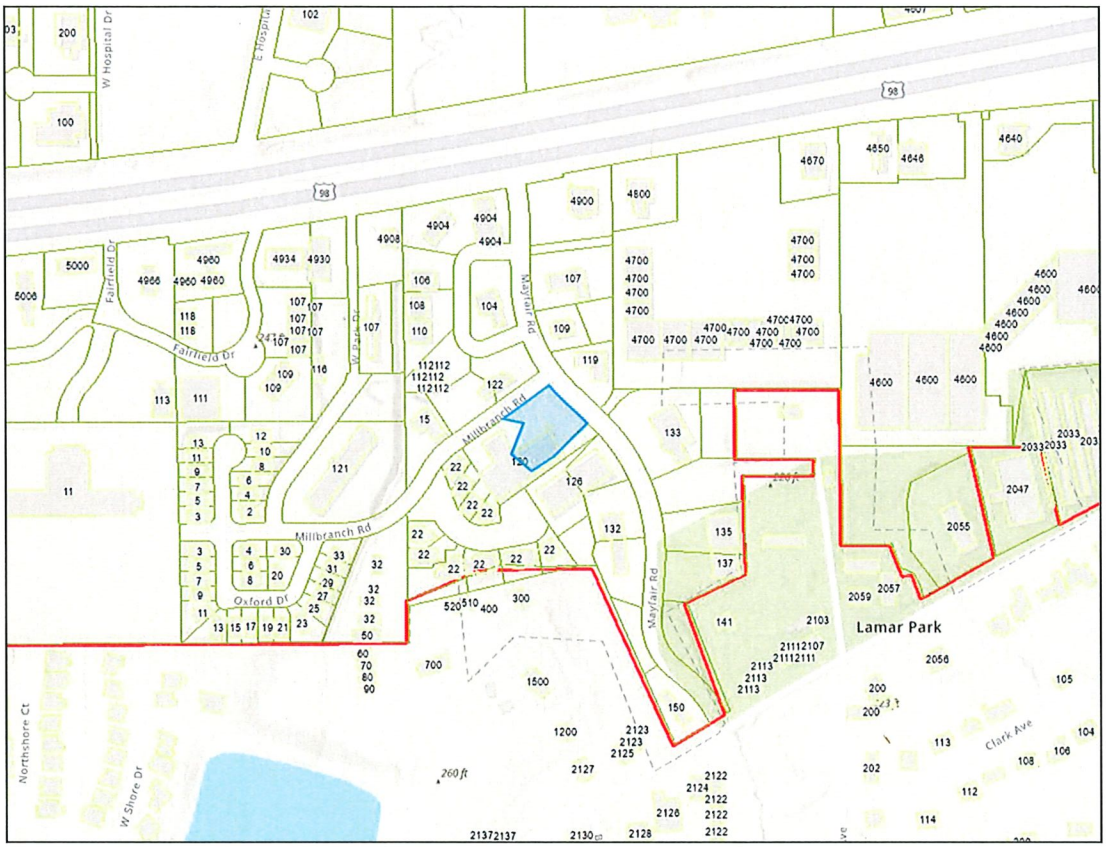


Eastern Direction: B-5 (Regional Business) - Distribution Center

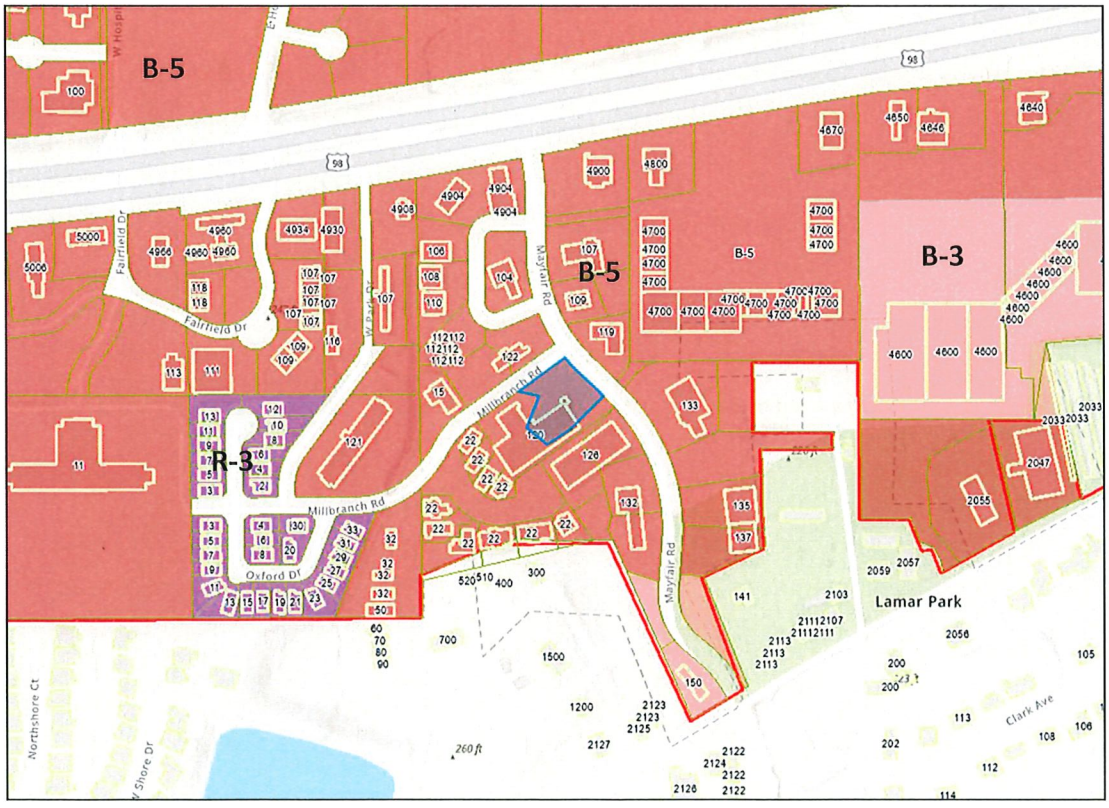


Western Direction: B-5 (Regional Business) - Restaurant w/ drive through

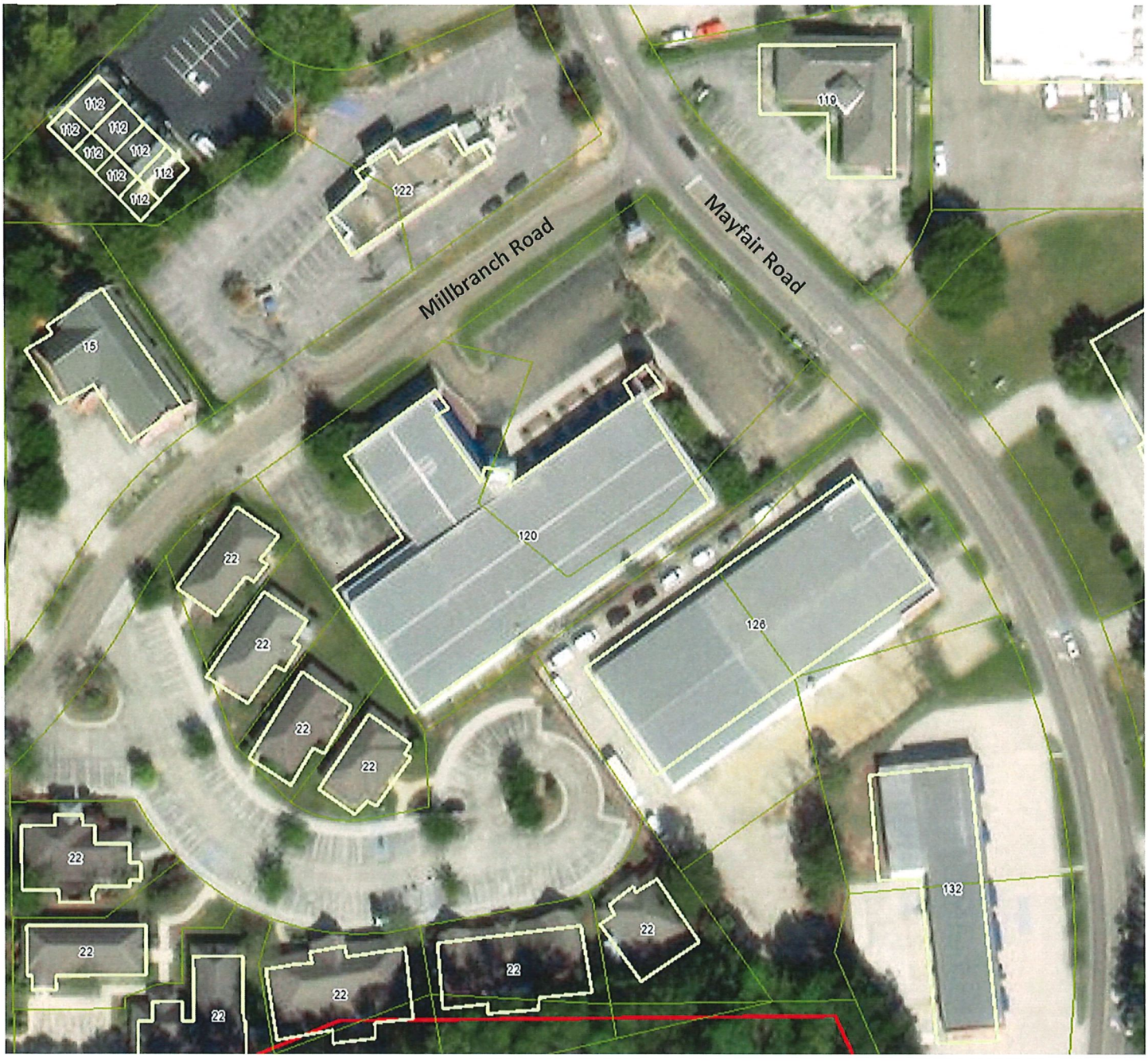
Vicinity Map—Ward 3



Zoning—R-3



Site Aerial


112
112
112
112
112
112
112
122
119
Millbranch Road
Mayfair Road
15
120
126
22
22
22
22
22
22
22
22
22
132

Board of Adjustment
Case Fact Sheet

Name of Petitioners:	Kevin P. Lewis, Representative		
Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
120 Mayfair Rd	051Q-12-019.000	19765	3
	051Q-12-020.000	17403	3

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from section 7.10.11.1 "Perimeter Landscaping: A green strip 10 feet in width shall be planted with at least one large, deciduous tree per 60 feet of lineal frontage" and instead allow for a variance of 0 feet of green strip for a variance of 10 feet for the property located at 120 Mayfair Road (Parcel No. 051Q-12-019.000, PPIN 19765 and Parcel No. 051Q-12-020.000, PPIN 17403, Lamar Co., Ward 3).

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 **Zoning Districts**

4.5.12 B-5 Regional Business District

The purpose of the B-5 District is to provide for retail, personal and business services, offices, and financial services in locations with convenient access to the region's population consistent with comprehensive planning policies. This district is consistent with the Regional Business District in the Comprehensive Plan

SECTION 7 **Design Standards: Table 7.1**

7.10.2 Perimeter Landscaping

7.10.11.1 - A green strip 10 feet in width shall be planted with at least one large, deciduous tree per 60 feet of lineal frontage.

Item: B
Kevin P. Lewis, Representative
Request for: **Perimeter Landscaping Variance**

Table 7.1 Design Standards																
STANDARD	DISTRICT															
■ = Required × = Not required	A-1	A-2	R-1A	R-1B	R-1C	R-2	R-3	B-1	B-2	B-3	B-4	B-5	I-1	I-2	PMU
7.10.11 7.10.2 Perimeter Landscaping.																
7.10.11.1 A green strip 10 feet in width shall be planted with at least one large, deciduous tree per 60 feet of lineal frontage.	×	×	×	×	×	×	×	■	■	■	×	■	■	■	■
7.10.11.2 Landscaping shall comply with the Plant Standards, Installation and Maintenance in this section.	■	■	■	■	■	■	■	■	■	■	×	■	■	■	■

Present Zoning: B-5 (Regional Business District)

Present Use: Vacant office building

Future Land Use: Regional Business

Surrounding Zoning: and Land Use:
North: B-5 (Regional Business District)
South: B-5 (Regional Business District)
East: B-5 (Regional Business District)
West: B-5 (Regional Business District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 16, 2022. The Applicant submitted letters of support from neighbors.

History / Background: The petitioner met with staff on February 10, 2022 in Pre-Application and presented a proposed site plan for changes to the existing site at 120 Mayfair Drive for a new tenant, Grand Bank. The proposed site plan shows the expansion of the parking lot to accommodate the new tenant. The expansion of parking eliminates all of the required perimeter landscaping along the Mill Branch Road side of the development. Site approval this and other site changes is contingent upon the granting of the variance for the 10 ft landscape buffer. The addition of more parking proposed by the applicant is not required by the City.

Item: B
Kevin P. Lewis, Representative
Request for: **Perimeter Landscaping Variance**

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

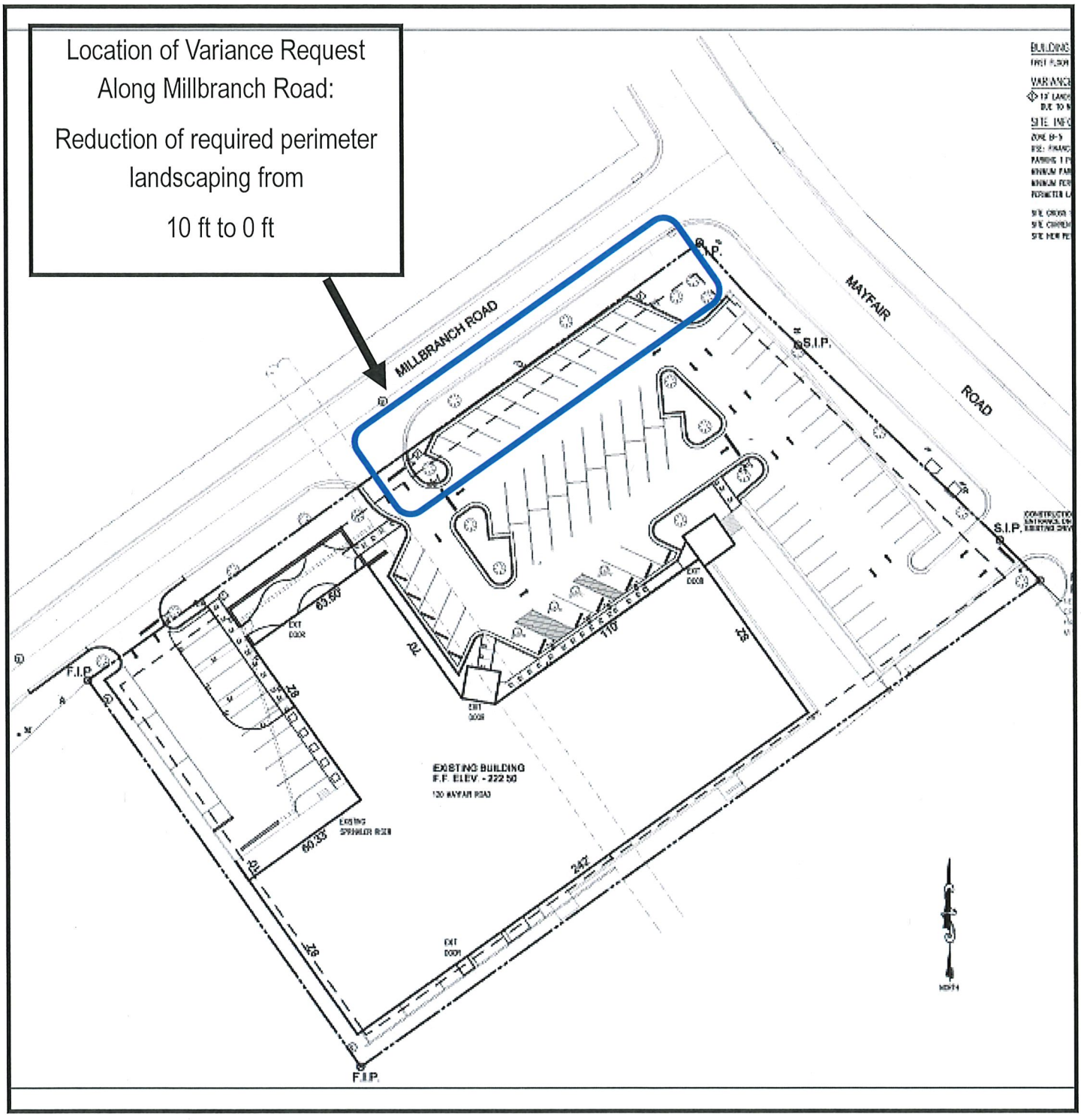
III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Proposed Site Plan



Variance Information

The Board of Adjustment has the responsibility to hear and make recommendation on requests for variances to the requirements of this Code (per Section 11.4.). Section 12.4.1 Variances are departures from the standards of the Land Development Code, except land use, which will not be contrary to the public interest and where, owing to conditions peculiar to the property and not as a result of the action of the applicant, a literal enforcement of this Code would result in unnecessary and undue hardship.

The following conditions must be met before a variance can be recommended. Not all criteria must be met. However, a strong application will meet multiple criteria.

Approval Criteria.

A variance is not a right, but a privilege that property owners meeting the following criteria may request. These criteria are to be used to consider all variance requests. It shall be the burden of the applicant to prove that the request meets these criteria. Use this worksheet or format your own to demonstrate the following criteria.

1. **Hardship.** (a) The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant. (b) There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

   The use of the building will be for the Operations Center for Grand Bank. They want to utilize the facility but have a need for more parking than the minimum required. Because of the dimensions of the Property and the existing building location, the landscape buffer needs to be utilized for the added parking. This additional paved area will not impact the 10% impervious minimum requirement.

2. **Special Privilege.** A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

3. **Literal Interpretation.** The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

4. **Reasonable Use.** The applicant cannot make reasonable use of the property without the requested variance.

Grand Bank has owned the property for over a decade and has attempted to sell it in the past. They made the decision to renovate the building to utilize it as their Operations Center but that project is dependent on the variance approval to provide additional parking. They have made attempts to contact adjacent properties for possible additional parking without any success. They plan to operate two shifts at the building to fully utilize it at capacity.

5. **Minimum Required.** The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

The Architect did parking studies to determine the best layout to maximize th number of parking available for the property. The result was only needing the one variance for the landscape buffer along Millbranch Road.

6. **Conformance with the Purpose of this Code.** The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

The Owner intends to landscape the property to comply with the Land Development Code and would propose to provide the required trees in the right-of-way if the City approves. The property across the street on Millbranch Road does not have any trees along Millbranch Road. The storm drainage will remain on the property as is currently provided.

12.4.1.2 Conditions of Approval. In recommending the granting of a variance, the Board of Adjustment may require appropriate conditions and safeguards in conformity with this Code. Violation of such conditions and safeguards, when made a part of the terms under which a variance is granted, shall be deemed a violation of this Code. The recommendation of the Board of Adjustment shall be presented to the City Council for final action.

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5.2 (F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width for a variance of 20.3% lot width for property located on Chevy Chase Drive (PPIN'S 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840 Ward 3). The Board of Adjustment recommended to APPROVE on April 6, 2022.**
File Number: 2022-264
Minute Book #

Summary
Jones Midtown Headquarters - "Build-to-Zone" variance on Chevy Chase Drive

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

SUBJECT PARCEL:

Midtown Variances for Jones Company Headquarters

Reed Nelson, Representative, Midtown Montevista LLC, Owner

The petitioners are requesting multiple variances for the proposed development of the Jones Companies Headquarters





Variance Requests:

C. A variance from Article 3, Section 3.5.2 (F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width on Chevy Chase Drive for a variance of 20.3%** lot width for property located on Chevy Chase Drive.

D. A variance from Article 3, Section 3.5.2(F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30%** lot width for property located on Chevy Chase Drive.

E. A variance from Article 3, Section 3.5.2(H) which states a **Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street** for a variance from the requirement for property located on Chevy Chase Drive.

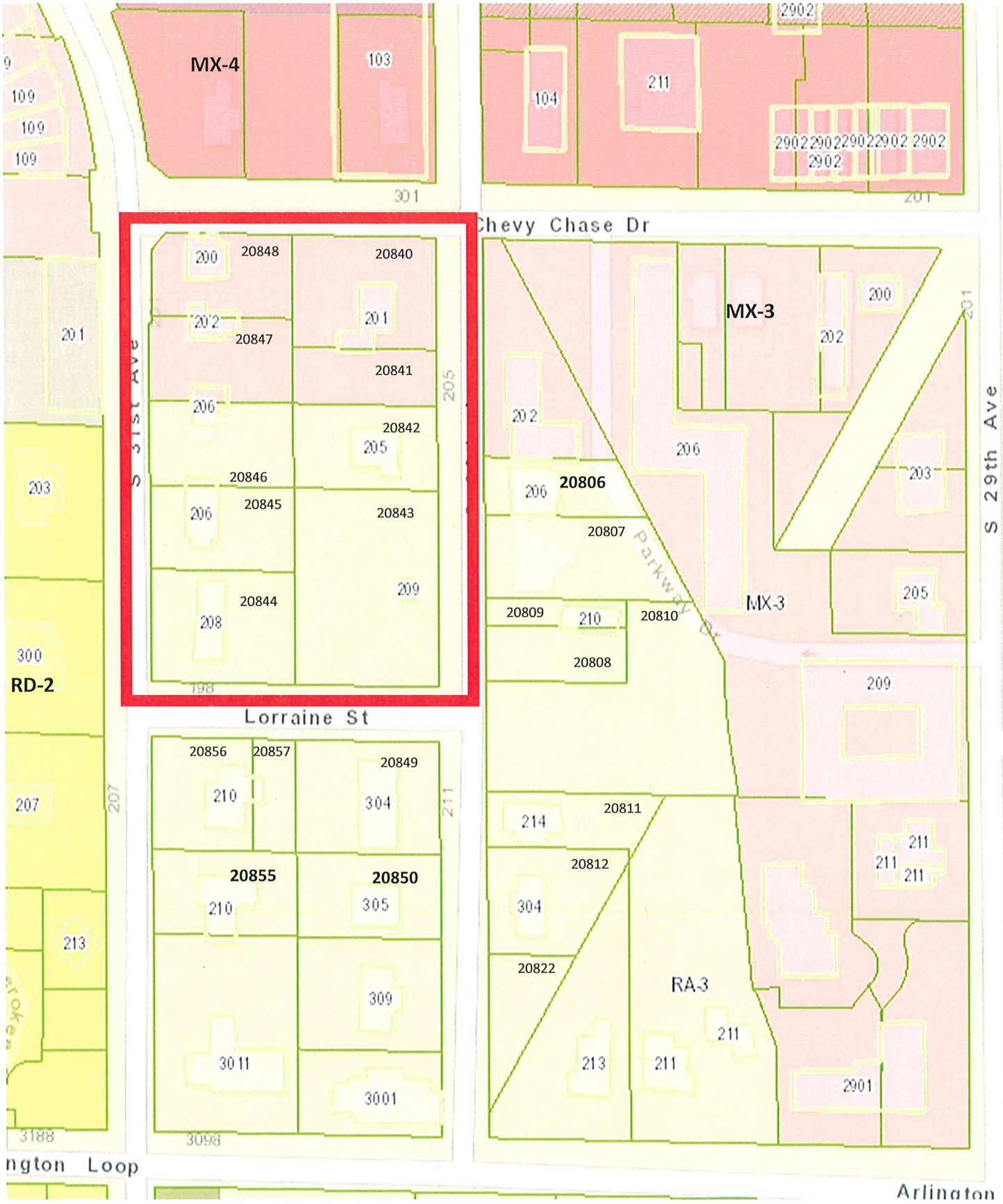
F. A variance from Article 5, Section 5.1.B. which requires the proposed development to **provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31%** reduction for property located on Chevy Chase Drive

G. A variance from Article 3, Section 3.5.3 (A) which states the **Building height maximum is 60' and instead allow 65' (average) for a variance of 5'** for the average building height maximum for property located on Chevy Chase Drive.

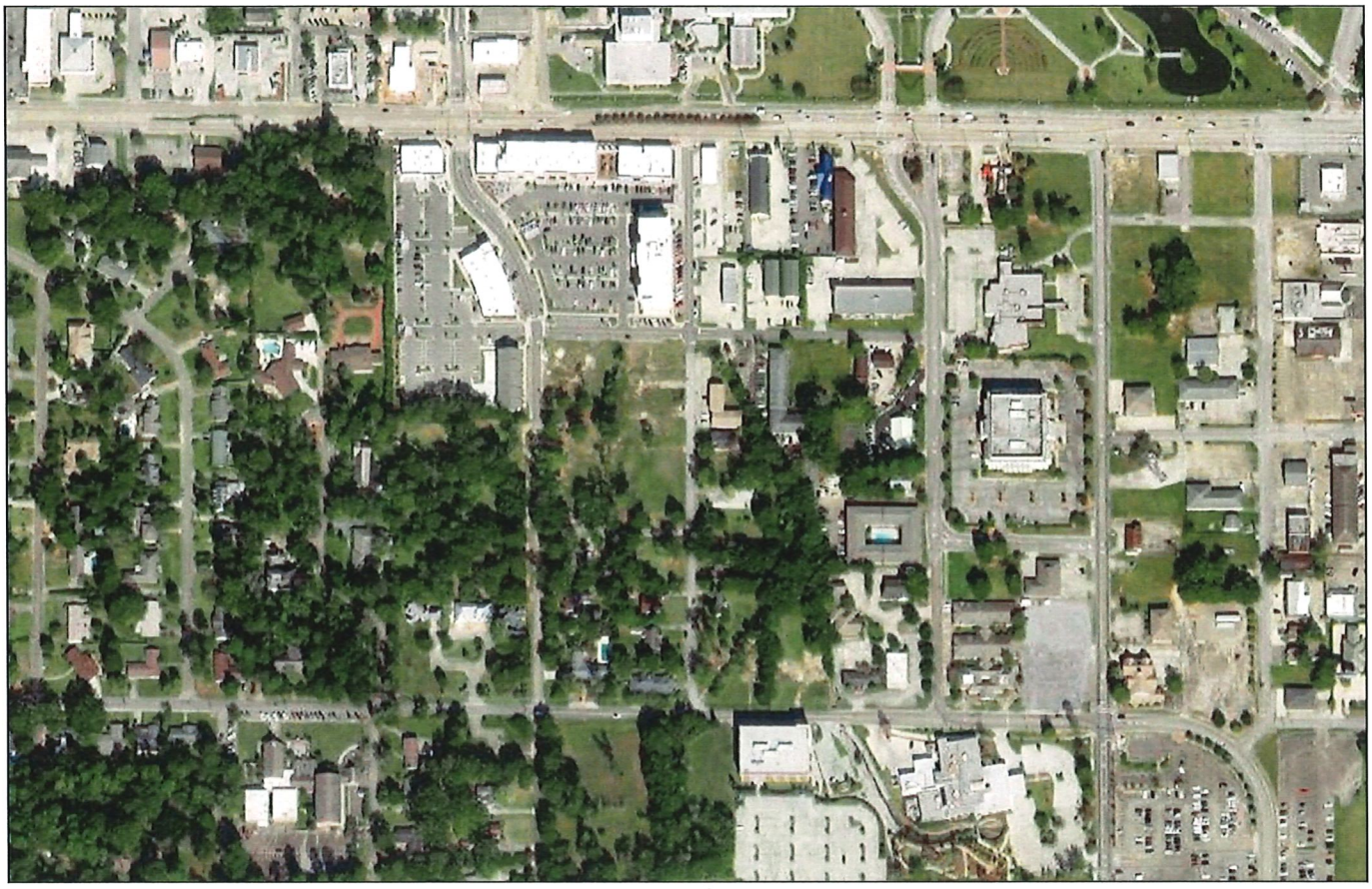
H. A variance from Article 3, Section 3.5 4. Transparency (A) which states the **minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10%** on S. 30th Avenue for property located on Chevy Chase Drive.

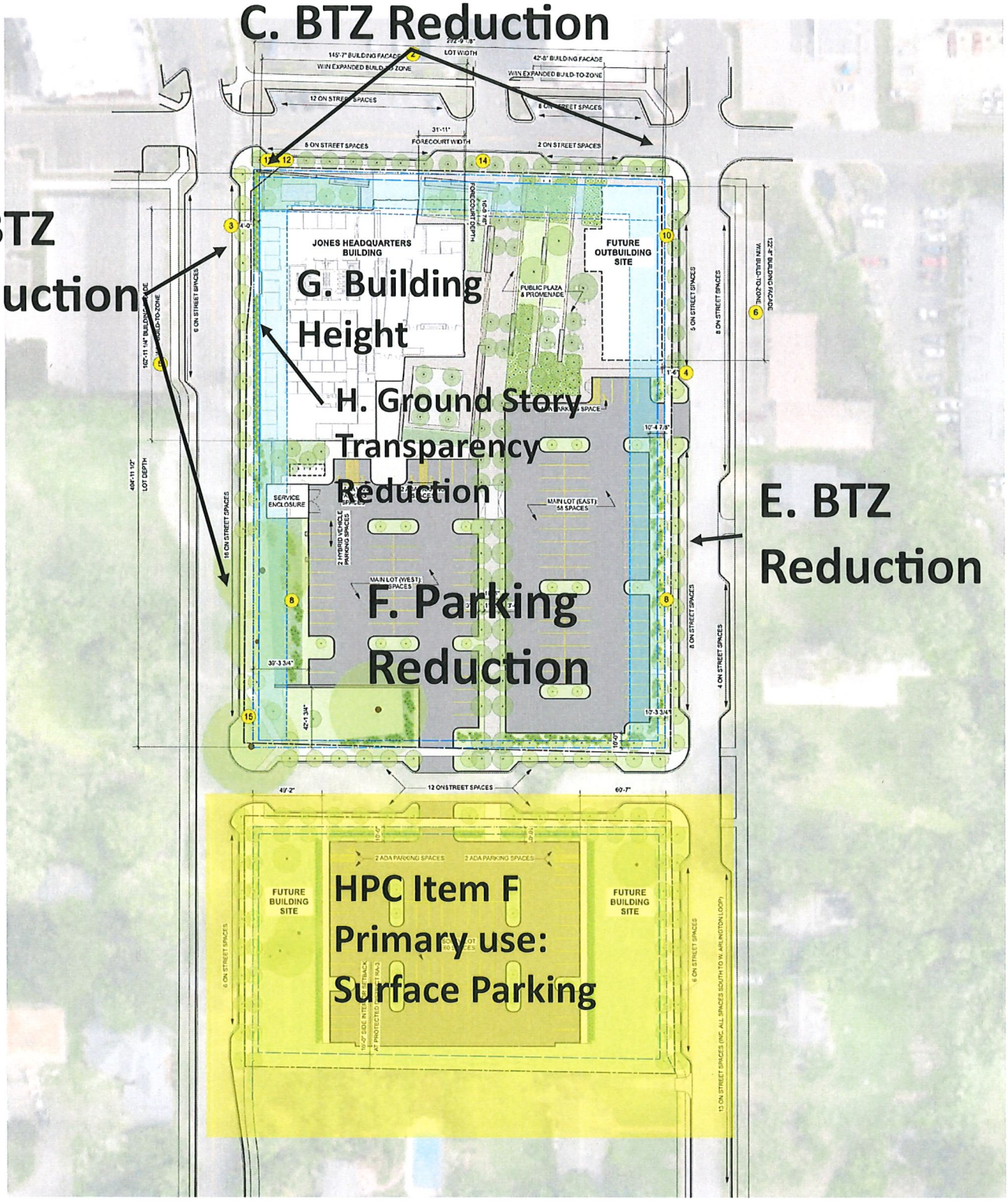
Parcels List: (PPIN 20848 Parcel 2-028N-07-075.00, PPIN 20847 Parcel 2-028N-07-074.00, PPIN 20846 Parcel 2-028N-07-073.00, PPIN 20845 Parcel 2-028N-07-072.00, PPIN 20844 Parcel 2-028N-07-071.00, PPIN 20843 Parcel 2-028N-07-062.00, PPIN 20842 Parcel 2-028N-07-061.00, PPIN 20841 Parcel 2-028N-07-060.00, PPIN 20840 Parcel 2-028N-07-059.00, Ward 3).

Subject Area for Variance Requests



Site Aerial





LEGEND & NOTES

(##) REFER TO VARIANCE REQUEST WRITTEN MEMO FOR DESCRIPTION AND CODE REFERENCE

- PROPERTY LINE
- MIDTOWN STREETS (BY OTHERS)
- RIGHT-OF-WAY
- SETBACK
- BUILD-TO-ZONE
- BUILD-TO ZONE W/ 20% INCREASE AT CHEVY CHASE DR. ONLY (1)
- JONES HEADQUARTERS OFFICE
- OUTPARCEL BUILDING SITE & APPROXIMATE FOOTPRINT
- ASPHALT PARKING LOT (7)
- INTERIOR ISLAND: 321.7 SQFT, TYP (9)
- UNIT PAVING (BRICK, OR SIM.)
- CIP CONCRETE PAVING
- STONEDUST PAVING
- LAWN
- PLANTING BEDS
- BIKE RACKS (SHORT TERM PARKING): 6 SPACES TOTAL; ALL RACKS DOUBLE SIDED WITH MIN. 2' X 6' CLEARANCE FOR BIKES
- BIKE SHELTER (LONG TERM PARKING): 12 SPACES TOTAL
- PRECAST CONCRETE WALLS & BENCHES
- PRECAST CONCRETE STEPS
- CIP CONCRETE WALLS
- PARKING LOT LIGHT FIXTURE: POLE MOUNTED LUMINAIRE
- PROPOSED CANOPY TREE - LARGE
- PROPOSED CANOPY TREE - MEDIUM (13)
- PROPOSED CANOPY TREE - SMALL (ALL TREES TO BE 3" CALIPER & 10'-0" MIN. HEIGHT AT TIME OF PLANTING)
- PERIMETER SHRUB SCREENING (18" MIN. HEIGHT AT TIME OF PLANTING)
- EXISTING CANOPY TREE

REED+HILDERBRAND

JONES COMPANIES HEADQUARTERS
HATTIESBURG, MISSISSIPPI

CONCEPTUAL SITE PLAN
CITY PRE-APPROVAL & VARIANCE REQUEST

0 30'

MARCH 2, 2022

SUBJECT PROPERTIES

Vacant Parcel South of Chevy Chase Drive





Subject property facing north from Lorraine St



Vacant Parcel on S 30th Ave



S 31st Ave Streetscape

SURROUNDING AREA

Current View of Midtown Mixed-Use Area





Streetscape of N 31st Ave



Midtown Townhomes on S 31st Ave



Indigo Hotel on S 30th Ave

Surrounding Area

206 Chevy Chase Drive—Apartment Complex





202 S 30th Ave—Apartment Complex



Streetscape at corner of S 30th and Chevy Chase Drive



309 S 30th Ave

SURROUNDING AREA

S 30th Streetscape View





3011 Arlington Loop



South 31st Streetscape



South 31st Streetscape (facing West)

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
	2-028N-07-071.00	20844	
	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

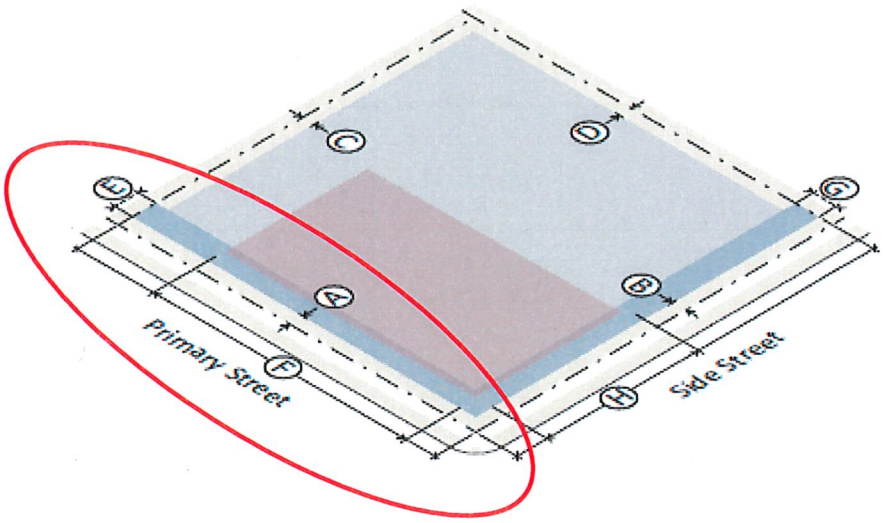
Purpose of Request: To consider a variance from Article 3, Section 3.5.2 (F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width for a variance of 20.3% lot width for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

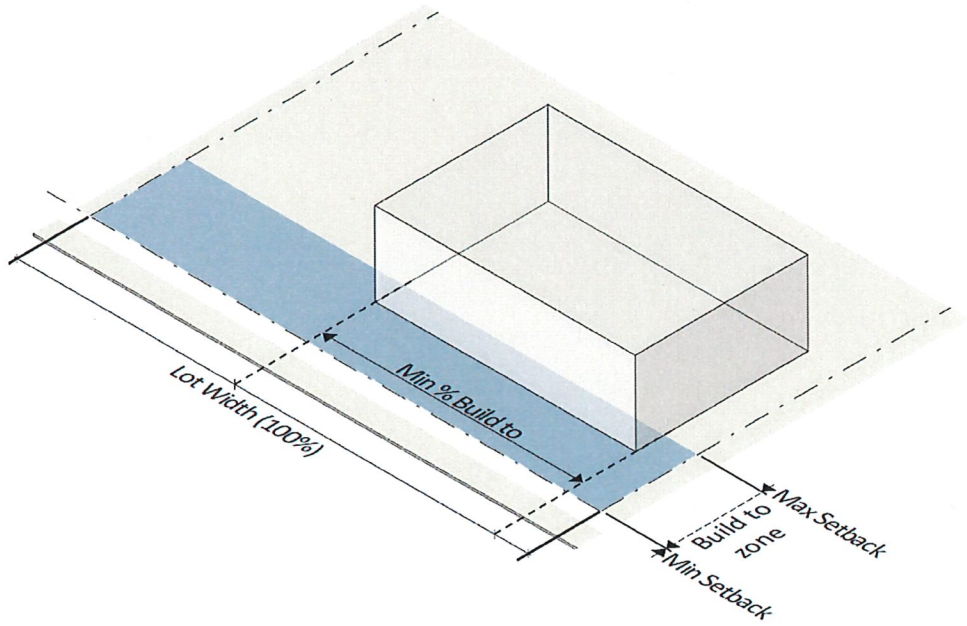
Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

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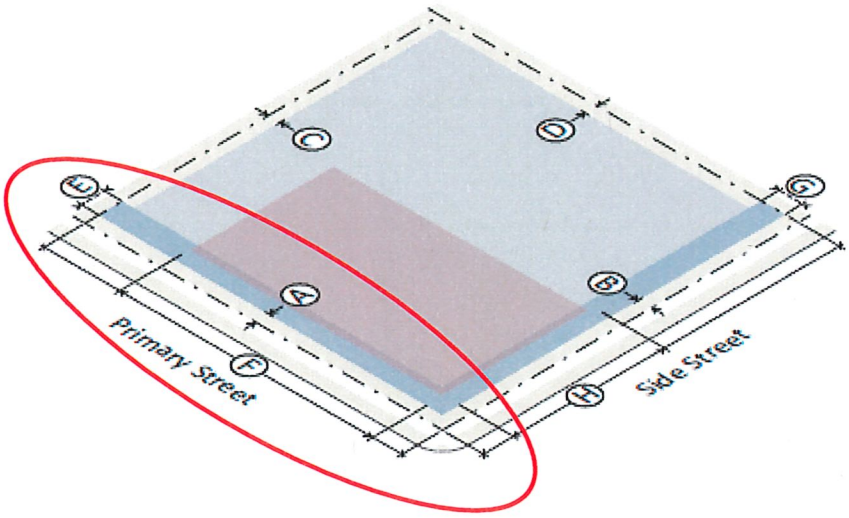
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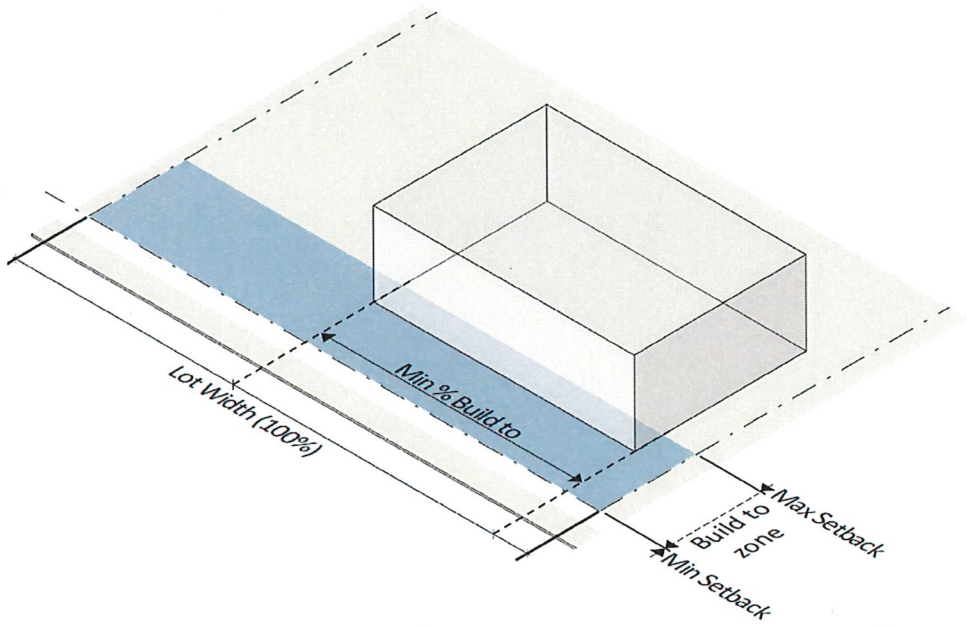
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Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

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Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

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Future Land Use: Neighborhood Center Mixed-Use District

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Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: D
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

History / Background:

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III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
	2-028N-07-071.00	20844	
	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

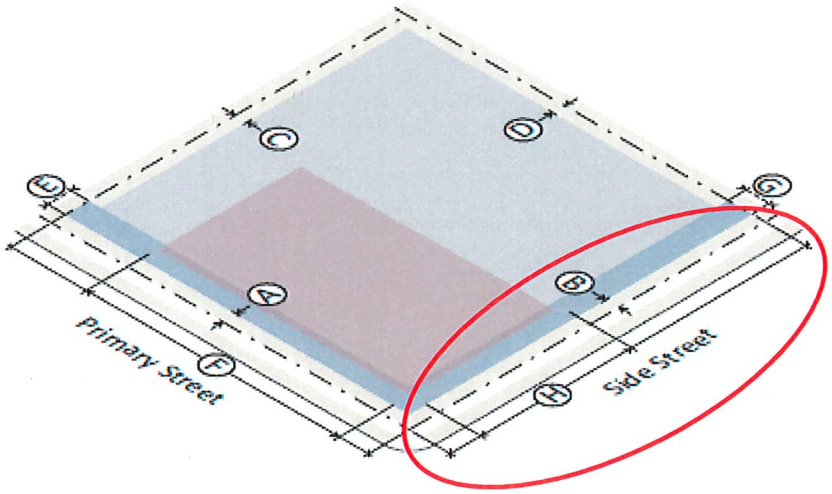
Purpose of Request: To consider a variance from Article 3, Section 3.5.2(H) which states a Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street for a variance from the requirement for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

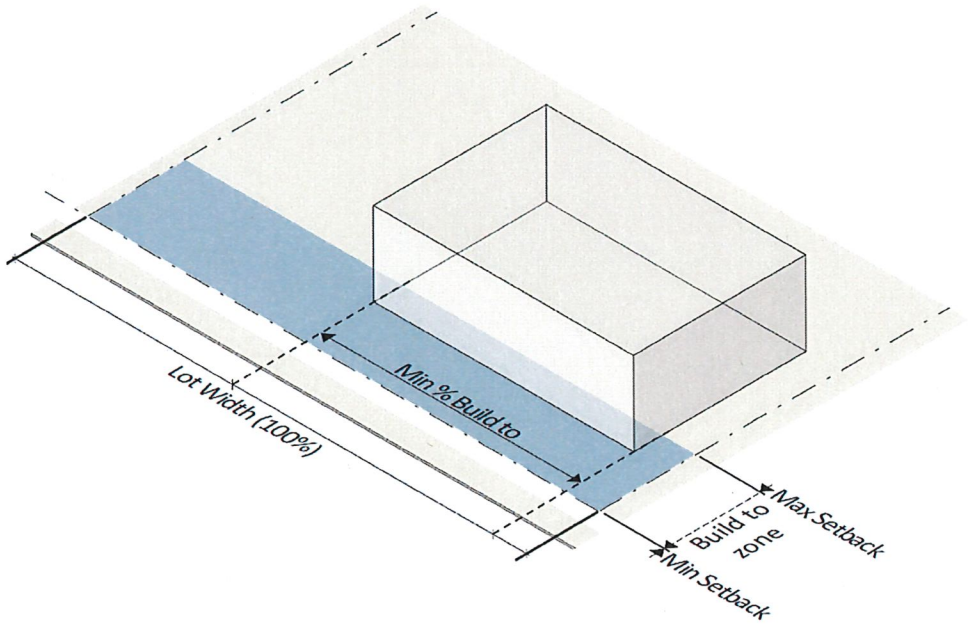
Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a certain portion of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (35% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
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	2-028N-07-072.00	20845	
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 5, Section 5.1.B. which requires the proposed development to provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31% reduction for property located on Chevy Chase Drive .

Applicant Summary: See Attached

Applicable Regulations:

Article 5 **Site Development (Pg 54)**
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated:

The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The applicant is seeking a 31% reduction in parking. They believe they have adequate parking available for the proposed development. Jones headquarter office building is 81,112 sq. ft. 325 parking spaces would be required for that size office building. They are providing 106 surface parking spaces on the northern lot, 60 parking surface spaces on the southern lot (Conditional Use approval from Planning Commission pending) and are permitted to account for 60 on-street spaces for a total of 226 spaces provided (69.5% of the required 325 of spaces). The applicant rounded the percentage to 31% to accommodate unforeseen design adjustments.

"We expect the total number of spaces thus provided will accommodate the projected employee headcount at an average rate of 80% daily attendance. We also believe that there is currently a surplus of parking in the blocks north of the development and that the addition of extraneous parking on this parcel would be detrimental to the long-term character of Midtown"

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would

deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5.3 (A) which states the Building height maximum is 60' and instead allow 65' (average) for a variance of 5' for the average building height maximum for property located on Chevy Chase Drive.

Applicant Summary: See Attached

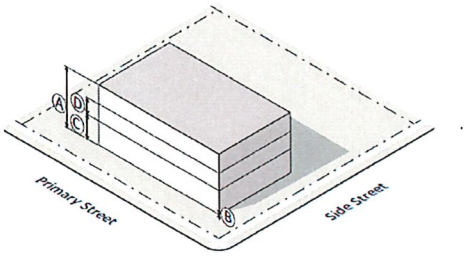
Applicable Regulations:

Article 5

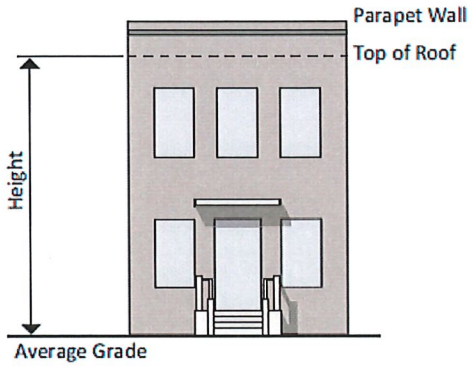
Site Development (Pg 54)
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

3.17 H. Building Height, I. Height Encroachments & J. Ground Floor Elevation *(see for details on meathods of measurement)*

3. Height



Flat Roof



Building Height	
Ⓐ Building height (max)	
EM-2	2 stories/35'
MX-3, EM-3	3 stories/45'
MX-4, EM-4	4 stories/60'
MX-5	5 stories/75'
EM-6	6 stories/90'
EM-9	9 stories/135'
Reduced height may be required when abutting a protected district (see *Sec. 3.17.O*)	
Story Height	
Ⓑ Ground floor elevation	0'
Ⓒ Ground story height, floor to ceiling (min)	11'
Ⓓ Upper story height, floor to ceiling (min)	9'

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background: The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site.

The proposed building has pedestrian entrances facing both the street and a public plaza.

"Jones requests an increase of the average allowable height to 65'-0". While the average roof elevation is 60'-0" A.F.F., the central portion for the building has a roof elevation of 70'-0" to accommodate smoke evacuation fans as required by the International Building Code. The average roof elevation of the building is currently 63'-0" A.F.F."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
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	2-028N-07-072.00	20845	
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5 4. Transparency (A) which states the minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10% on S. 30th Avenue for property located on Chevy Chase Drive.

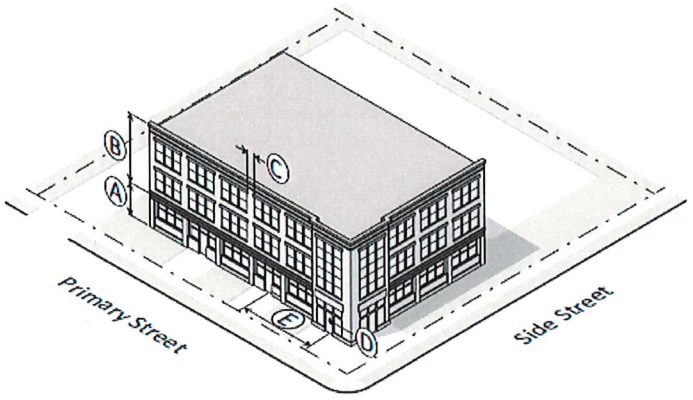
Applicant Summary: See Attached

Applicable Regulations:

Article 3

Sec. 3.16. Building Elements
L. Transparency
1. The minimum percentage of windows and doors that must cover a ground story facade is measured between 2 and 12 feet above the abutting sidewalk.
2. The minimum percentage of windows and doors that must cover an upper story facade is measured from the top of the finished floor to the top of the finished floor above. When there is no floor above, upper story transparency is measured from the top of the finished floor to the top of the wall plate.

4. Activation





Transparency		
Ⓐ	Ground story (min)	40%
Ⓑ	Upper story (min)	20%
Ⓒ	Blank wall area (max)	35'

3. Transparency applies to primary and side street facing facades only.
4. Glass is considered transparent where it has a transparency higher than 80% and external reflectance of less than 15%.
5. Windows cannot be made opaque by window treatments (except operable sunscreen devices within the conditioned space).

Definition — **Transparency** means the total area of window and door opening filled with glass, expressed as a percentage of the total facade area by story (see also Sec. 3.17.L).

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:
North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other

written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

Due to grade changes and the requirement to place the building close to the existing street, the first floor will be slightly lower than typical on the S. 31st Ave. side. Therefore, to keep the same rhythm of glazing at the primary entrance on Chevy Chase Drive, the applicant is unable to reach he full 40% required transparency.

"Jones requests a reduction of the Ground Story transparency from 40% to 30% along 31st Avenue. This request is needed due to the existing grade being higher in elevation than the other sides of the building. Our finish floor along 31st Avenue is 3'-0" below the grade of the sidewalk and reduces the available wall area. The current windows and wall ratios are attached and will be included in the permit plan submittal. We meet or exceed the transparency percentages on the Chevy Chase frontage."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

The following documents provided by Jones Company
in reference to the Midtown Montevista LLC variances
may be referenced for BOA Variance cases
C through H.

Variance Requests
Jones Companies, LLC Headquarters Relocation

Applicant/Owner: Jones Companies, LLC (applicant) and Midtown Montevista, LLC (real property owner).

Applicant/Owner Address: 16 Office Park Drive, Suite 10, Hattiesburg, MS 39402.

Applicant/Owner Representative: Reed Nelson (reed.nelson@jones.com; 601-633-6578).

Counsel Representing Applicant/Owner: William D. Drinkwater (wdrinkwater@brunini.com; 601-960-6849), Brunini, Grantham, Grower & Hewes, PLLC, P.O. Drawer 119, Jackson, Mississippi 39205.

Property Address: 306 Chevy Chase Drive, Hattiesburg, MS. 39401

Conceptual Site Plan: See **Exhibit 1**.

Variance Requests	
Section	**Variance**
3.5.2(F)	20.3% variance (BTZ) (Chevy Chase)
3.5.2(F)	30% variance (BTZ) (31st Avenue)
3.5.2(H)	35% variance (BTZ) (30th Avenue)
5.1.B	Parking Spaces
3.5.3(A)	Building Height (5-foot variance)
3.5.4	Activation (10% variance for 31st Avenue)

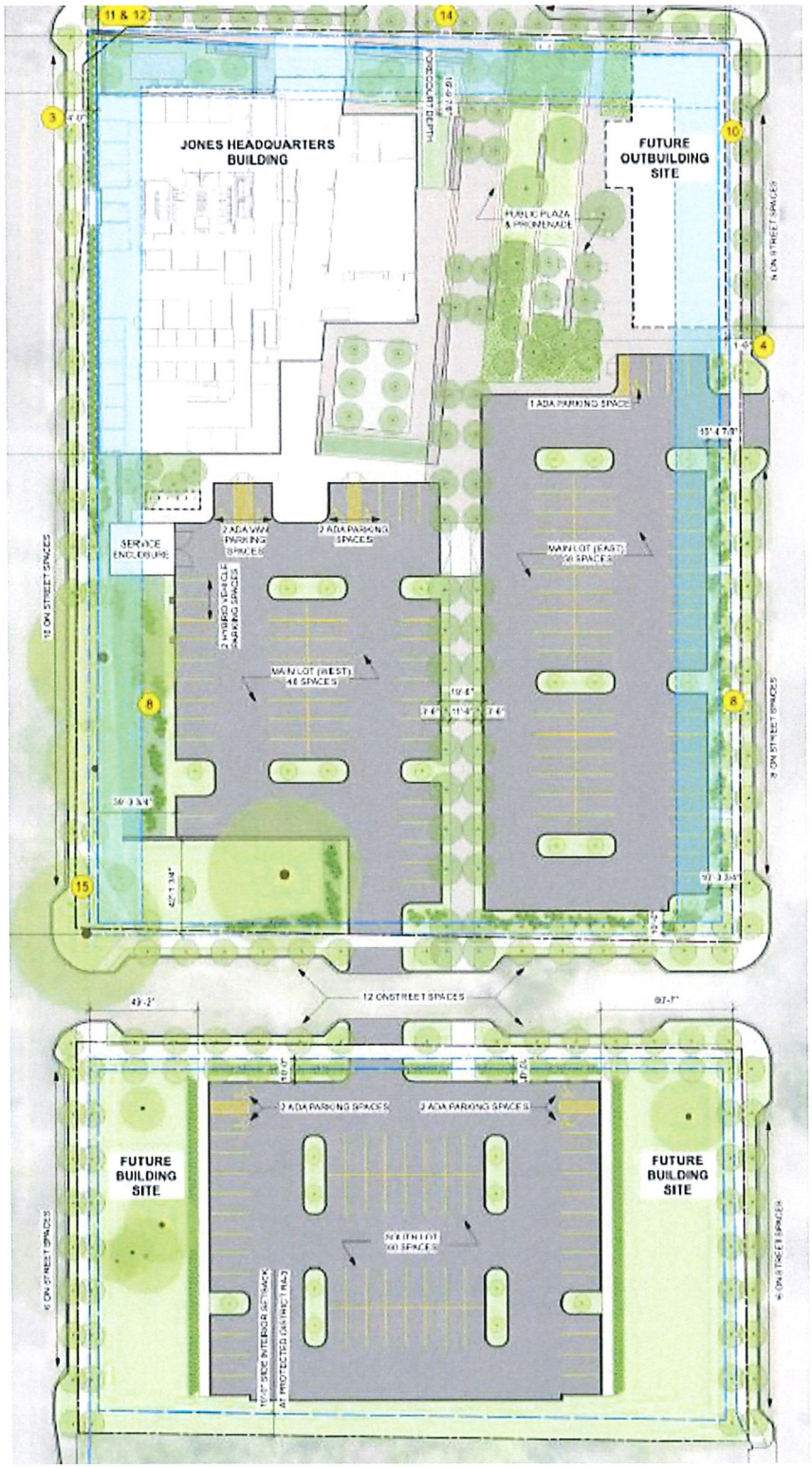
In connection with its headquarters relocation project, Jones Companies, LLC ("Jones") is requesting six variances from the requirements of the Midtown Hattiesburg Form-Based Code ("Form-Based Code"). The variances requested pertain to the requirements for (a) Build-to-Zone ("BTZ"), (b) parking spaces, (c) building height, and (d) activation. As demonstrated below, Jones submits that its project satisfies the variance requirements under the Form-Based Code and Land Development Code ("LDC") and requests that its requests be granted.

Build-to-Zone Variance Requests

Section 3.5.2 of the Form-Based Code contains the BTZ requirements for "General Buildings" and states that General Buildings on "primary streets" should be a minimum of 70% of lot width, while buildings on "side streets" should be a minimum of 35% of lot width. As reflected in the Conceptual Site Plan excerpted below, the Jones headquarters building would occupy 49.7% of the frontage on Chevy Chase Drive and 40% of the frontage on 31st Avenue (both primary streets)[1] and no frontage on 30th Avenue or Lorraine Street (side streets). Accordingly, Jones is requesting

[1] The City amended the Form-Based Code to designate Chevy Chase Drive as a side street. However, the City is currently considering an amendment to reclassify Chevy Chase Drive as a primary street. For purposes of these variance requests, Jones assumes Chevy Chase Drive will be a primary street at the time construction begins.

a 20.3% BTZ variance for Chevy Chase Drive, a 30% variance for 31st Avenue, and a 35% variance for 30th Avenue/Lorraine Street.



Jones's requests for BTZ variances are fundamentally driven by the large lot size required for necessary parking, and the practical impossibility of constructing a headquarters building with frontage on all sides of the lot. The headquarters building will be 81,112± square feet. Under the Form-Based Code, this translates into a requirement for 325 parking spaces. Given the considerable parking requirements for this development, which Jones is attempting to alleviate through a variance request discussed below, and the economic infeasibility of constructing a parking garage, it is simply not possible to satisfy the BTZ requirements for this development without sacrificing further parking spaces. This is evident from simply viewing the Conceptual Site Plan. In order to cover more road frontage with its headquarters building, Jones would have to construct a one or two-story headquarters building, which would leave it without anywhere near adequate parking to meet its needs and the requirements of the Form-Based Code. Because the "lot" for purposes of the Form-Based Code is defined as the entire block bordered by Chevy Chase Drive, 30th Avenue, Lorraine Street, and 31st Avenue, it is simply not possible to construct a building large enough to satisfy the BTZ requirements.

Regarding Chevy Chase Drive specifically, a BTZ variance is additionally needed to provide space for the public plaza and promenade which will be an amenity to Midtown as a tree-shaded and accessible public space. Jones believes that it is important that the plaza/promenade have frontage along Chevy Chase Drive so that it is visible and accessible to patrons of the commercial/restaurant/hotel establishments just north of Chevy Chase Drive. Additionally, as the Conceptual Site Plan indicates, Jones envisions a future outbuilding site being located on the corner of Chevy Chase Drive and 30th Avenue. The outbuilding site as depicted occupies 14.6% of the frontage along Chevy Chase Drive, which, together with the headquarters building, brings the total BTZ to roughly 65%. The future outbuilding site would also occupy 30% of the frontage along 30th Avenue – nearly satisfying the BTZ requirements for 30th Avenue. Additionally, while Jones considered providing for greater frontage along 31st Avenue, doing so would require Jones to cut down large, live oak canopy trees, which Jones viewed as undesirable and inconsistent with the goals reflected in the Form-Based Code and Midtown Master Plan.

Without these BTZ variances, Jones is simply unable to make reasonable use of the property for its intended purpose, and a literal interpretation of the Code would deprive Jones of rights commonly enjoyed by other businesses in the Midtown District, which, unlike Jones, have been able to avoid this type of BTZ challenge through shared parking. As a large office use with considerable parking needs and requirements, the BTZ requirements pose a unique hardship to Jones that is not shared by other commercial establishments in the immediate area. This hardship was not caused by Jones, but instead results from its size and square footage needs as an office building. Further, granting Jones a variance would not confer any special privilege on Jones. Jones is simply asking that it be allowed to construct its headquarters building in a way that strikes a reasonable balance between the Form-Based Code's competing BTZ and parking requirements. Jones submits that its effort to provide for open space and preserve existing green space is fully consistent with the provisions and purposes of the Form-Based Code and the Midtown Master Plan.

Parking Spaces

As already discussed, there is a necessary tradeoff between BTZ and parking requirements under the Form-Based Code as applied to this development. Any increase in BTZ results in a decrease in parking spaces and/or green space. City officials have informed Jones that, under the Form-Based Code, an 81,112 square foot office building is required to have 325 parking spaces, absent a variance. On the Conceptual Site Plan above, the North Main Lot will have 106 spaces, the South Lot will have 60 spaces, and there will be 111 spaces for on-street parking (277 total spaces), though Ms. Lowrey has notified us that only 226 of these spaces will be considered or purposes of compliance with the Form-Based Code's parking requirements. Accordingly, Jones is requesting a variance of 99 spaces, or however many spaces are needed to accommodate its plans as set forth above. Jones has determined that these plans are sufficient for the current needs of its employees and customers and believes this number strikes a reasonable balance between the competing demands for BTZ and parking. Jones submits that the same factors and reasons supporting issuance of the BTZ variances likewise support its request for a parking variance.

Building Height

Section 3.5.3 of the Form-Based Code provides a maximum average building height of 60 feet for MX-4 property. While the average roof elevation for the headquarters building is 60 feet, the central portion of the building has a roof elevation of 70 feet to accommodate smoke evacuation fans as required by the International Building Code. The Form-Based Code recognizes that certain structures, such as vent fans, may exceed the maximum allowed height by up to 6 feet. However, in this particular case, the fan would exceed the maximum height by 10 feet. Granting this variance would not confer any special privilege or commercial advantage on Jones, but instead is needed solely for code safety issues. Indeed, most other business establishments in the immediate area lack the size and occupancy levels to require smoke evacuation fans. Accordingly, Jones is requesting a small variance to accommodate the smoke evacuation fans.

Activation

Section 3.5.2 of the Form-Based Code contains the activation requirements for General Buildings and states that ground stories should have a minimum transparency of 40%. Jones is requesting a reduction of the ground story transparency from 40% to 30% along 31st Avenue only. This request is needed due to the existing grade being higher in elevation than the other sides of the building. The finish along 31st Avenue is 3 feet below the grade of the sidewalk, and therefore, reduces the available wall area. This grade differential was not caused by Jones, and a literal application of the Form-Based Code requiring Jones to correct this issue would create an undue hardship.

EXHIBIT 1

Conceptual Site Plan

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny the petition filed Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5.2(F) of 30% lot width for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to APPROVE on April 6, 2022.**
File Number: 2022-265
Minute Book #

Summary
Jones Midtown Headquarters - "Build-to-Zone" Variance on S 31st Ave

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

SUBJECT PARCEL:

Midtown Variances for Jones Company Headquarters

Reed Nelson, Representative, Midtown Montevista LLC, Owner

The petitioners are requesting multiple variances for the proposed development of the Jones Companies Headquarters





Variance Requests:

C. A variance from Article 3, Section 3.5.2 (F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width on Chevy Chase Drive for a variance of 20.3%** lot width for property located on Chevy Chase Drive.

D. A variance from Article 3, Section 3.5.2(F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30%** lot width for property located on Chevy Chase Drive.

E. A variance from Article 3, Section 3.5.2(H) which states a **Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street** for a variance from the requirement for property located on Chevy Chase Drive.

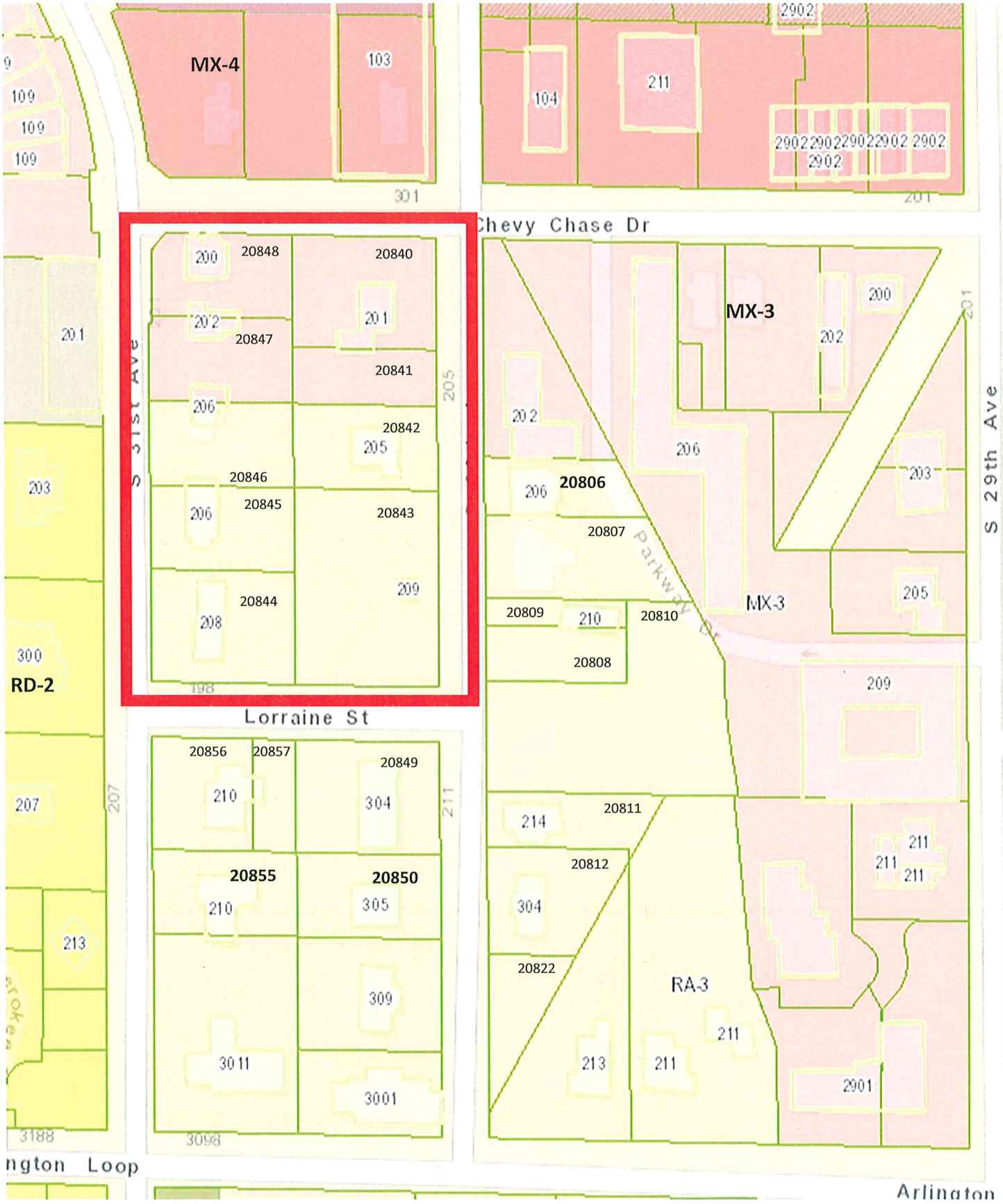
F. A variance from Article 5, Section 5.1.B. which requires the proposed development to **provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31%** reduction for property located on Chevy Chase Drive

G. A variance from Article 3, Section 3.5.3 (A) which states the **Building height maximum is 60' and instead allow 65' (average) for a variance of 5'** for the average building height maximum for property located on Chevy Chase Drive.

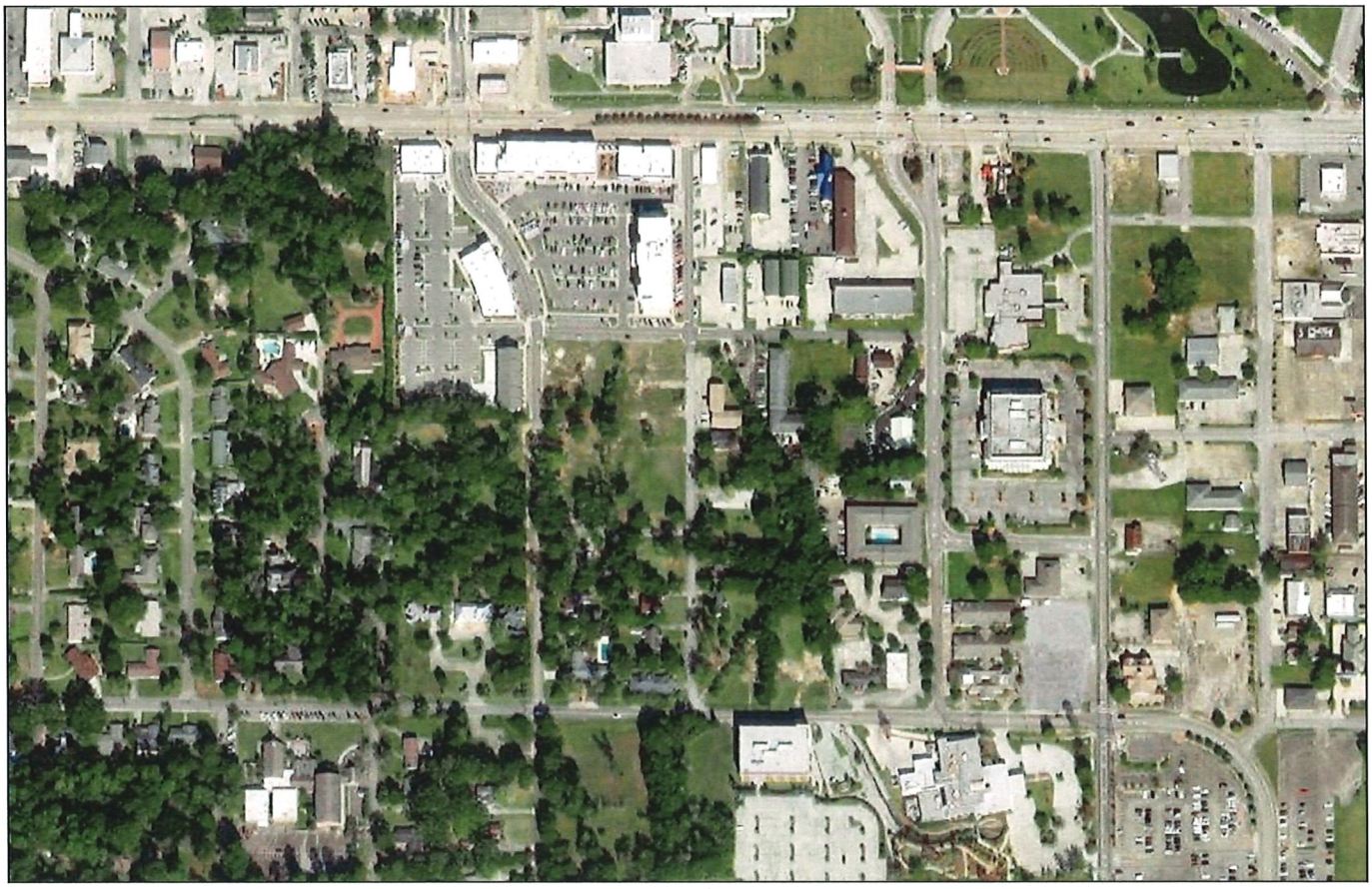
H. A variance from Article 3, Section 3.5 4. Transparency (A) which states the **minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10%** on S. 30th Avenue for property located on Chevy Chase Drive.

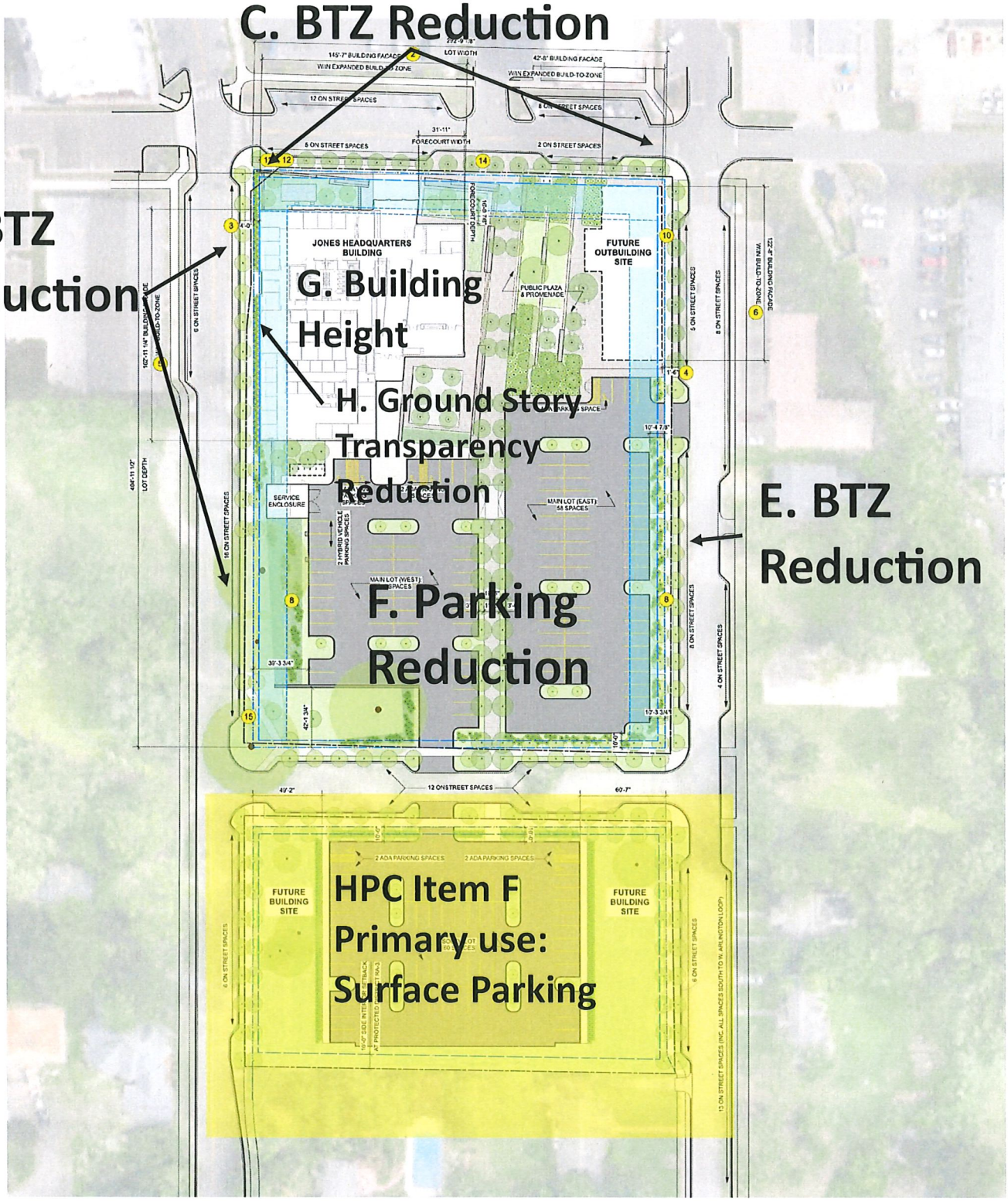
Parcels List: (PPIN 20848 Parcel 2-028N-07-075.00, PPIN 20847 Parcel 2-028N-07-074.00, PPIN 20846 Parcel 2-028N-07-073.00, PPIN 20845 Parcel 2-028N-07-072.00, PPIN 20844 Parcel 2-028N-07-071.00, PPIN 20843 Parcel 2-028N-07-062.00, PPIN 20842 Parcel 2-028N-07-061.00, PPIN 20841 Parcel 2-028N-07-060.00, PPIN 20840 Parcel 2-028N-07-059.00, Ward 3).

Subject Area for Variance Requests



Site Aerial





LEGEND & NOTES

(##) REFER TO VARIANCE REQUEST WRITTEN MEMO FOR DESCRIPTION AND CODE REFERENCE

- PROPERTY LINE
- MIDTOWN STREETS (BY OTHERS)
- RIGHT-OF-WAY
- SETBACK
- BUILD-TO-ZONE
- BUILD-TO ZONE W/ 20% INCREASE AT CHEVY CHASE DR. ONLY (1)
- JONES HEADQUARTERS OFFICE
- OUTPARCEL BUILDING SITE & APPROXIMATE FOOTPRINT
- ASPHALT PARKING LOT (7)
- INTERIOR ISLAND: 321.7 SQFT, TYP (9)
- UNIT PAVING (BRICK, OR SIM.)
- CIP CONCRETE PAVING
- STONEDUST PAVING
- LAWN
- PLANTING BEDS
- BIKE RACKS (SHORT TERM PARKING): 6 SPACES TOTAL; ALL RACKS DOUBLE SIDED WITH MIN. 2' X 6' CLEARANCE FOR BIKES
- BIKE SHELTER (LONG TERM PARKING): 12 SPACES TOTAL
- PRECAST CONCRETE WALLS & BENCHES
- PRECAST CONCRETE STEPS
- CIP CONCRETE WALLS
- PARKING LOT LIGHT FIXTURE: POLE MOUNTED LUMINAIRE
- PROPOSED CANOPY TREE - LARGE
- PROPOSED CANOPY TREE - MEDIUM (13)
- PROPOSED CANOPY TREE - SMALL (ALL TREES TO BE 3" CALIPER & 10'-0" MIN. HEIGHT AT TIME OF PLANTING)
- PERIMETER SHRUB SCREENING (18" MIN. HEIGHT AT TIME OF PLANTING)
- EXISTING CANOPY TREE

REED+HILDERBRAND

JONES COMPANIES HEADQUARTERS
HATTIESBURG, MISSISSIPPI

CONCEPTUAL SITE PLAN
CITY PRE-APPROVAL & VARIANCE REQUEST

0 30'

MARCH 2, 2022

SUBJECT PROPERTIES

Vacant Parcel South of Chevy Chase Drive





Subject property facing north from Lorraine St



Vacant Parcel on S 30th Ave



S 31st Ave Streetscape

SURROUNDING AREA

Current View of Midtown Mixed-Use Area





Streetscape of N 31st Ave



Midtown Townhomes on S 31st Ave



Indigo Hotel on S 30th Ave

Surrounding Area

206 Chevy Chase Drive—Apartment Complex





202 S 30th Ave—Apartment Complex



Streetscape at corner of S 30th and Chevy Chase Drive



309 S 30th Ave

SURROUNDING AREA

S 30th Streetscape View





3011 Arlington Loop



South 31st Streetscape



South 31st Streetscape (facing West)

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
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Request: **Perimeter Landscaping Variance**

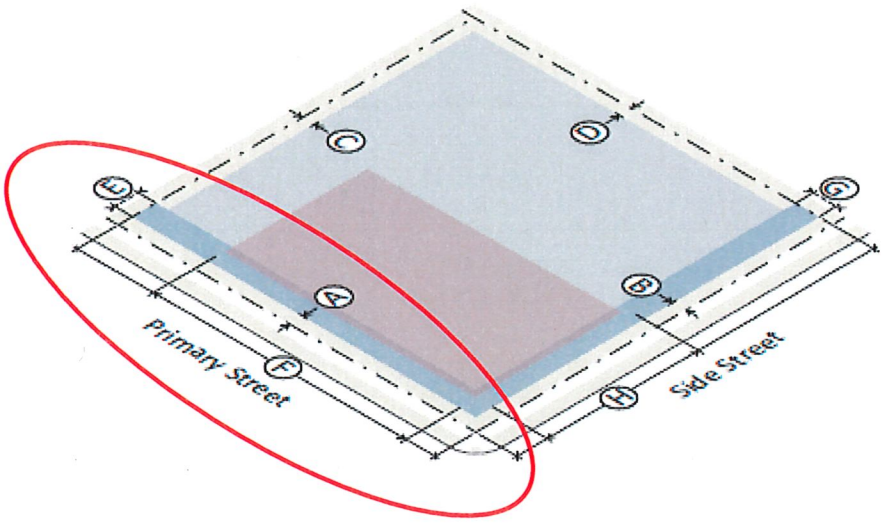
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Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

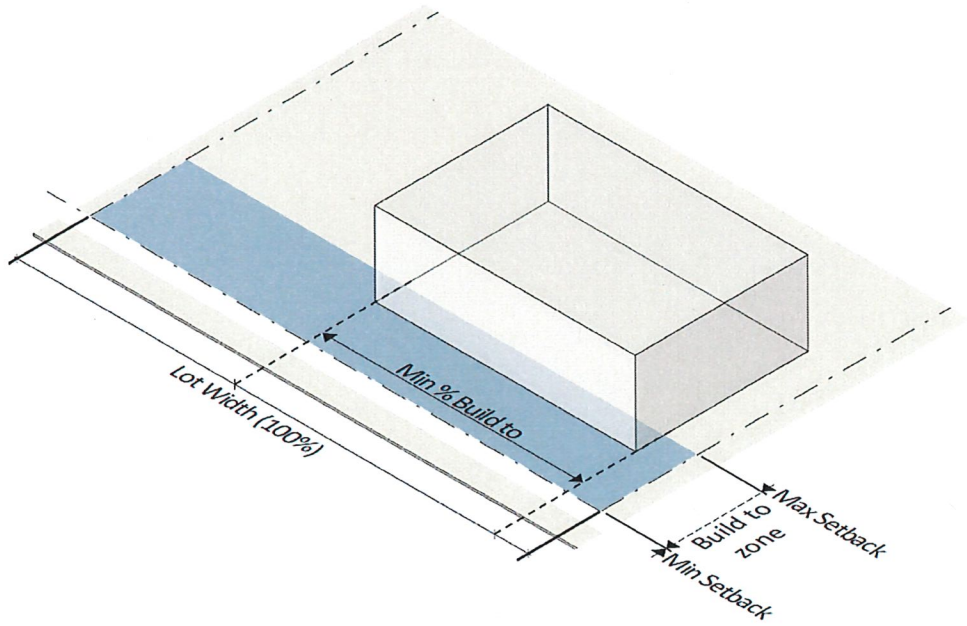
Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
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West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

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Request: **Perimeter Landscaping Variance**

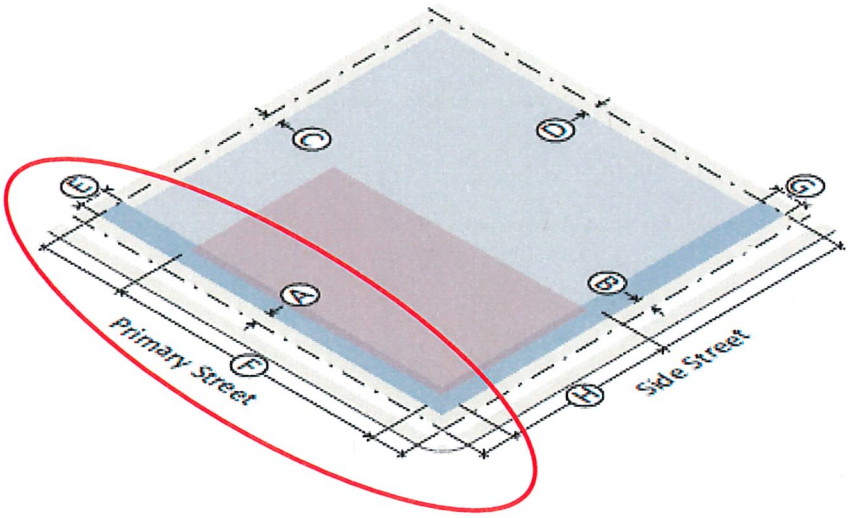
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Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
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Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
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Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
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Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

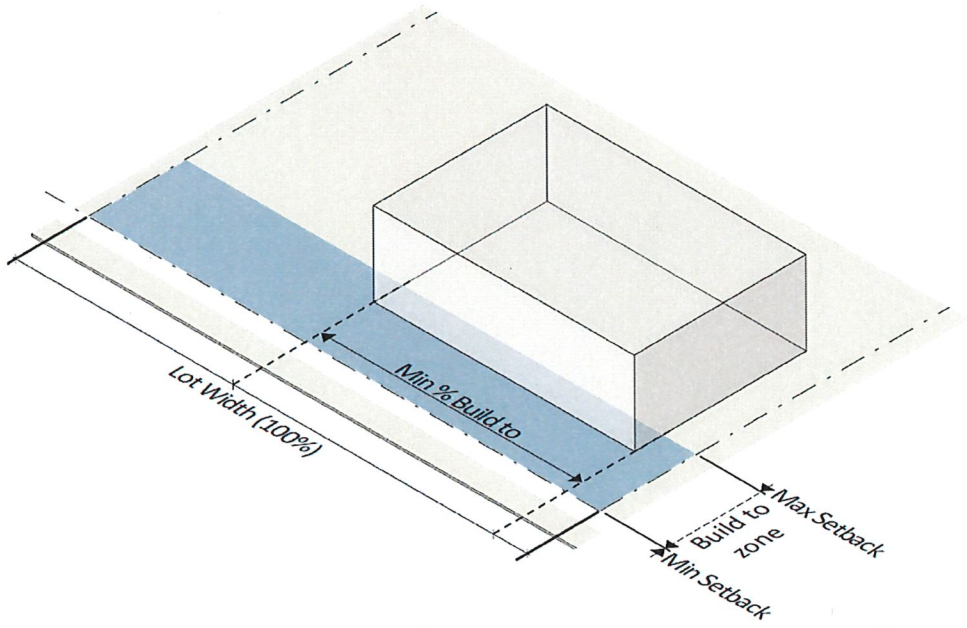
Item: D
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

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Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

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Item: D
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Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

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Case Fact Sheet

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Request: **Perimeter Landscaping Variance**

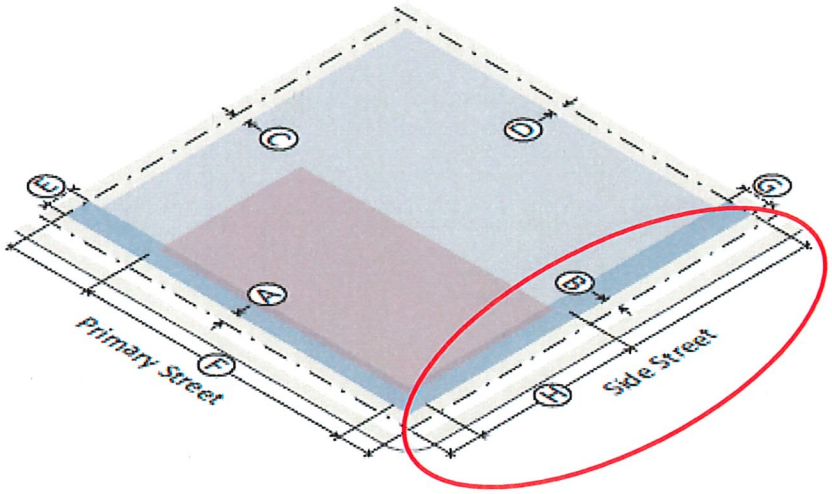
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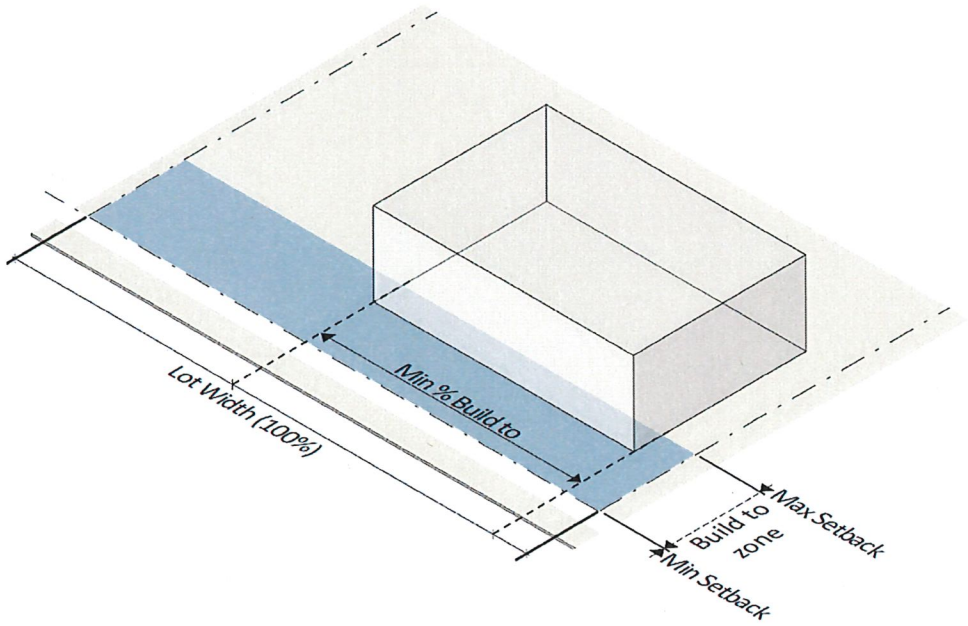
Item: E
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Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

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1. Defined

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Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
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Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a certain portion of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (35% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

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Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 5, Section 5.1.B. which requires the proposed development to provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31% reduction for property located on Chevy Chase Drive .

Applicant Summary: See Attached

Applicable Regulations:

Article 5 **Site Development (Pg 54)**
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
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Letters or Concerns stated:

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The applicant is seeking a 31% reduction in parking. They believe they have adequate parking available for the proposed development. Jones headquarter office building is 81,112 sq. ft. 325 parking spaces would be required for that size office building. They are providing 106 surface parking spaces on the northern lot, 60 parking surface spaces on the southern lot (Conditional Use approval from Planning Commission pending) and are permitted to account for 60 on-street spaces for a total of 226 spaces provided (69.5% of the required 325 of spaces). The applicant rounded the percentage to 31% to accommodate unforeseen design adjustments.

"We expect the total number of spaces thus provided will accommodate the projected employee headcount at an average rate of 80% daily attendance. We also believe that there is currently a surplus of parking in the blocks north of the development and that the addition of extraneous parking on this parcel would be detrimental to the long-term character of Midtown"

Basis for Approval (12.4.1.1):

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Purpose of Request: To consider a variance from Article 3, Section 3.5.3 (A) which states the Building height maximum is 60' and instead allow 65' (average) for a variance of 5' for the average building height maximum for property located on Chevy Chase Drive.

Applicant Summary: See Attached

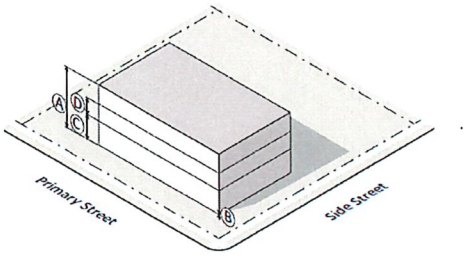
Applicable Regulations:

Article 5

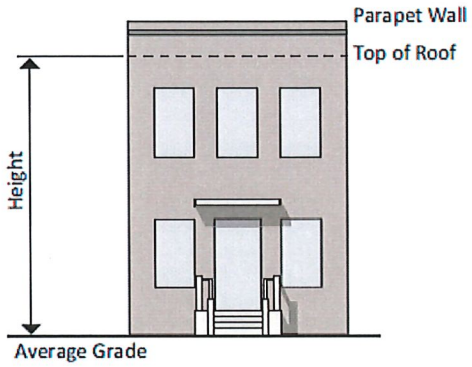
Site Development (Pg 54)
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

3.17 H. Building Height, I. Height Encroachments & J. Ground Floor Elevation *(see for details on meathods of measurement)*

3. Height



Flat Roof



Building Height	
Ⓐ Building height (max)	
EM-2	2 stories/35'
MX-3, EM-3	3 stories/45'
MX-4, EM-4	4 stories/60'
MX-5	5 stories/75'
EM-6	6 stories/90'
EM-9	9 stories/135'
Reduced height may be required when abutting a protected district (see *Sec. 3.17.O*)	
Story Height	
Ⓑ Ground floor elevation	0'
Ⓒ Ground story height, floor to ceiling (min)	11'
Ⓓ Upper story height, floor to ceiling (min)	9'

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background: The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site.

The proposed building has pedestrian entrances facing both the street and a public plaza.

"Jones requests an increase of the average allowable height to 65'-0". While the average roof elevation is 60'-0" A.F.F., the central portion for the building has a roof elevation of 70'-0" to accommodate smoke evacuation fans as required by the International Building Code. The average roof elevation of the building is currently 63'-0" A.F.F."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
	2-028N-07-071.00	20844	
	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5 4. Transparency (A) which states the minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10% on S. 30th Avenue for property located on Chevy Chase Drive.

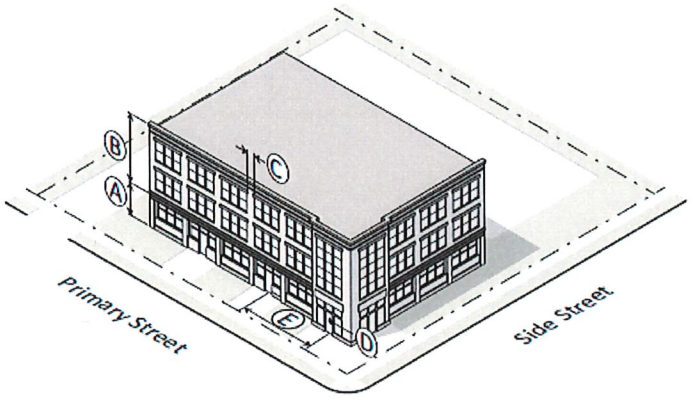
Applicant Summary: See Attached

Applicable Regulations:

Article 3

Sec. 3.16. Building Elements
L. Transparency
1. The minimum percentage of windows and doors that must cover a ground story facade is measured between 2 and 12 feet above the abutting sidewalk.
2. The minimum percentage of windows and doors that must cover an upper story facade is measured from the top of the finished floor to the top of the finished floor above. When there is no floor above, upper story transparency is measured from the top of the finished floor to the top of the wall plate.

4. Activation





Transparency		
Ⓐ	Ground story (min)	40%
Ⓑ	Upper story (min)	20%
Ⓒ	Blank wall area (max)	35'

3. Transparency applies to primary and side street facing facades only.
4. Glass is considered transparent where it has a transparency higher than 80% and external reflectance of less than 15%.
5. Windows cannot be made opaque by window treatments (except operable sunscreen devices within the conditioned space).

Definition — **Transparency** means the total area of window and door opening filled with glass, expressed as a percentage of the total facade area by story (see also Sec. 3.17.L).

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:
North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other

written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

Due to grade changes and the requirement to place the building close to the existing street, the first floor will be slightly lower than typical on the S. 31st Ave. side. Therefore, to keep the same rhythm of glazing at the primary entrance on Chevy Chase Drive, the applicant is unable to reach he full 40% required transparency.

"Jones requests a reduction of the Ground Story transparency from 40% to 30% along 31st Avenue. This request is needed due to the existing grade being higher in elevation than the other sides of the building. Our finish floor along 31st Avenue is 3'-0" below the grade of the sidewalk and reduces the available wall area. The current windows and wall ratios are attached and will be included in the permit plan submittal. We meet or exceed the transparency percentages on the Chevy Chase frontage."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

The following documents provided by Jones Company
in reference to the Midtown Montevista LLC variances
may be referenced for BOA Variance cases
C through H.

Variance Requests
Jones Companies, LLC Headquarters Relocation

Applicant/Owner: Jones Companies, LLC (applicant) and Midtown Montevista, LLC (real property owner).

Applicant/Owner Address: 16 Office Park Drive, Suite 10, Hattiesburg, MS 39402.

Applicant/Owner Representative: Reed Nelson (reed.nelson@jones.com; 601-633-6578).

Counsel Representing Applicant/Owner: William D. Drinkwater (wdrinkwater@brunini.com; 601-960-6849), Brunini, Grantham, Grower & Hewes, PLLC, P.O. Drawer 119, Jackson, Mississippi 39205.

Property Address: 306 Chevy Chase Drive, Hattiesburg, MS. 39401

Conceptual Site Plan: See **Exhibit 1**.

Variance Requests	
Section	**Variance**
3.5.2(F)	20.3% variance (BTZ) (Chevy Chase)
3.5.2(F)	30% variance (BTZ) (31st Avenue)
3.5.2(H)	35% variance (BTZ) (30th Avenue)
5.1.B	Parking Spaces
3.5.3(A)	Building Height (5-foot variance)
3.5.4	Activation (10% variance for 31st Avenue)

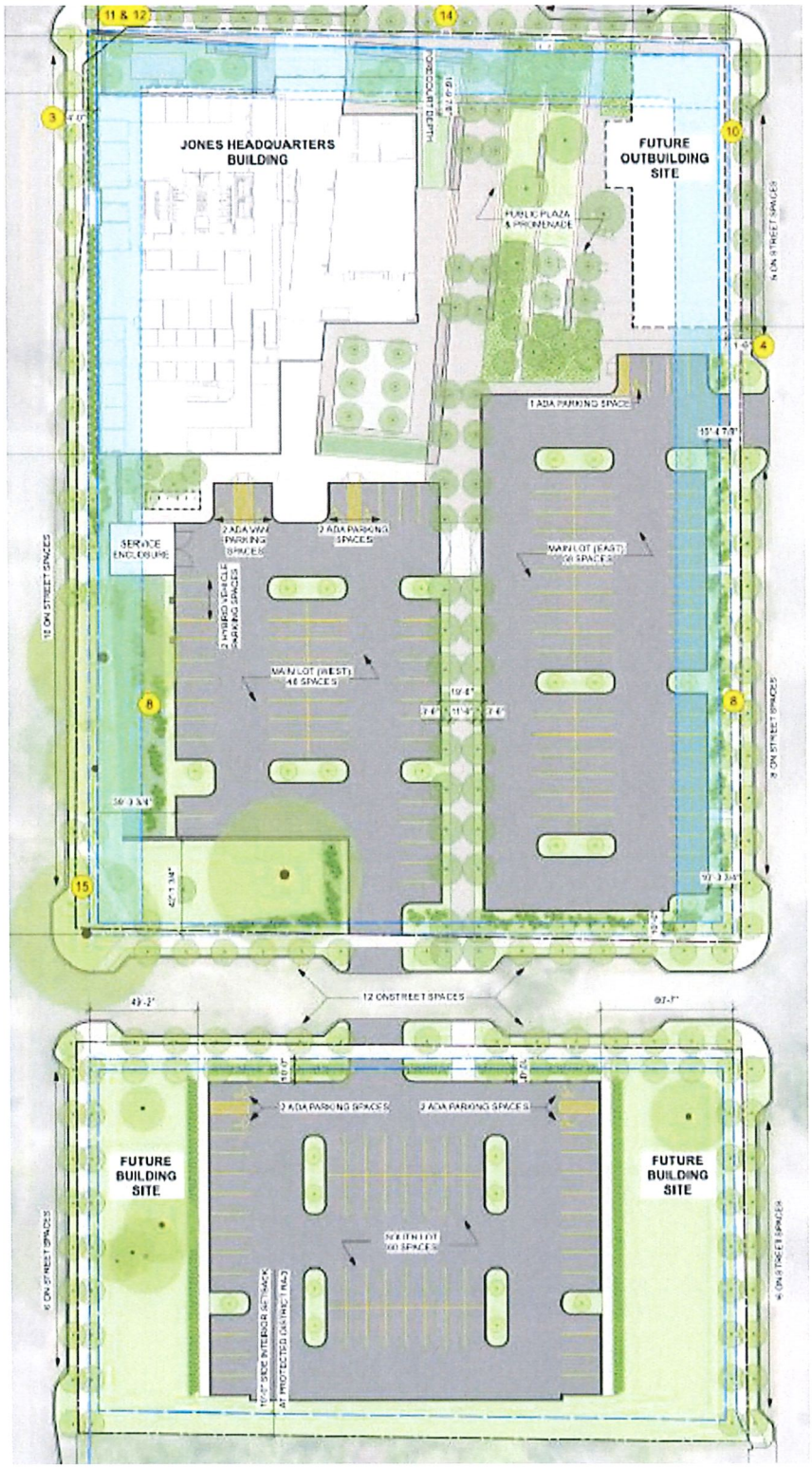
In connection with its headquarters relocation project, Jones Companies, LLC ("Jones") is requesting six variances from the requirements of the Midtown Hattiesburg Form-Based Code ("Form-Based Code"). The variances requested pertain to the requirements for (a) Build-to-Zone ("BTZ"), (b) parking spaces, (c) building height, and (d) activation. As demonstrated below, Jones submits that its project satisfies the variance requirements under the Form-Based Code and Land Development Code ("LDC") and requests that its requests be granted.

Build-to-Zone Variance Requests

Section 3.5.2 of the Form-Based Code contains the BTZ requirements for "General Buildings" and states that General Buildings on "primary streets" should be a minimum of 70% of lot width, while buildings on "side streets" should be a minimum of 35% of lot width. As reflected in the Conceptual Site Plan excerpted below, the Jones headquarters building would occupy 49.7% of the frontage on Chevy Chase Drive and 40% of the frontage on 31st Avenue (both primary streets)[1] and no frontage on 30th Avenue or Lorraine Street (side streets). Accordingly, Jones is requesting

[1] The City amended the Form-Based Code to designate Chevy Chase Drive as a side street. However, the City is currently considering an amendment to reclassify Chevy Chase Drive as a primary street. For purposes of these variance requests, Jones assumes Chevy Chase Drive will be a primary street at the time construction begins.

a 20.3% BTZ variance for Chevy Chase Drive, a 30% variance for 31st Avenue, and a 35% variance for 30th Avenue/Lorraine Street.



Jones's requests for BTZ variances are fundamentally driven by the large lot size required for necessary parking, and the practical impossibility of constructing a headquarters building with frontage on all sides of the lot. The headquarters building will be 81,112± square feet. Under the Form-Based Code, this translates into a requirement for 325 parking spaces. Given the considerable parking requirements for this development, which Jones is attempting to alleviate through a variance request discussed below, and the economic infeasibility of constructing a parking garage, it is simply not possible to satisfy the BTZ requirements for this development without sacrificing further parking spaces. This is evident from simply viewing the Conceptual Site Plan. In order to cover more road frontage with its headquarters building, Jones would have to construct a one or two-story headquarters building, which would leave it without anywhere near adequate parking to meet its needs and the requirements of the Form-Based Code. Because the "lot" for purposes of the Form-Based Code is defined as the entire block bordered by Chevy Chase Drive, 30th Avenue, Lorraine Street, and 31st Avenue, it is simply not possible to construct a building large enough to satisfy the BTZ requirements.

Regarding Chevy Chase Drive specifically, a BTZ variance is additionally needed to provide space for the public plaza and promenade which will be an amenity to Midtown as a tree-shaded and accessible public space. Jones believes that it is important that the plaza/promenade have frontage along Chevy Chase Drive so that it is visible and accessible to patrons of the commercial/restaurant/hotel establishments just north of Chevy Chase Drive. Additionally, as the Conceptual Site Plan indicates, Jones envisions a future outbuilding site being located on the corner of Chevy Chase Drive and 30th Avenue. The outbuilding site as depicted occupies 14.6% of the frontage along Chevy Chase Drive, which, together with the headquarters building, brings the total BTZ to roughly 65%. The future outbuilding site would also occupy 30% of the frontage along 30th Avenue – nearly satisfying the BTZ requirements for 30th Avenue. Additionally, while Jones considered providing for greater frontage along 31st Avenue, doing so would require Jones to cut down large, live oak canopy trees, which Jones viewed as undesirable and inconsistent with the goals reflected in the Form-Based Code and Midtown Master Plan.

Without these BTZ variances, Jones is simply unable to make reasonable use of the property for its intended purpose, and a literal interpretation of the Code would deprive Jones of rights commonly enjoyed by other businesses in the Midtown District, which, unlike Jones, have been able to avoid this type of BTZ challenge through shared parking. As a large office use with considerable parking needs and requirements, the BTZ requirements pose a unique hardship to Jones that is not shared by other commercial establishments in the immediate area. This hardship was not caused by Jones, but instead results from its size and square footage needs as an office building. Further, granting Jones a variance would not confer any special privilege on Jones. Jones is simply asking that it be allowed to construct its headquarters building in a way that strikes a reasonable balance between the Form-Based Code's competing BTZ and parking requirements. Jones submits that its effort to provide for open space and preserve existing green space is fully consistent with the provisions and purposes of the Form-Based Code and the Midtown Master Plan.

Parking Spaces

As already discussed, there is a necessary tradeoff between BTZ and parking requirements under the Form-Based Code as applied to this development. Any increase in BTZ results in a decrease in parking spaces and/or green space. City officials have informed Jones that, under the Form-Based Code, an 81,112 square foot office building is required to have 325 parking spaces, absent a variance. On the Conceptual Site Plan above, the North Main Lot will have 106 spaces, the South Lot will have 60 spaces, and there will be 111 spaces for on-street parking (277 total spaces), though Ms. Lowrey has notified us that only 226 of these spaces will be considered or purposes of compliance with the Form-Based Code's parking requirements. Accordingly, Jones is requesting a variance of 99 spaces, or however many spaces are needed to accommodate its plans as set forth above. Jones has determined that these plans are sufficient for the current needs of its employees and customers and believes this number strikes a reasonable balance between the competing demands for BTZ and parking. Jones submits that the same factors and reasons supporting issuance of the BTZ variances likewise support its request for a parking variance.

Building Height

Section 3.5.3 of the Form-Based Code provides a maximum average building height of 60 feet for MX-4 property. While the average roof elevation for the headquarters building is 60 feet, the central portion of the building has a roof elevation of 70 feet to accommodate smoke evacuation fans as required by the International Building Code. The Form-Based Code recognizes that certain structures, such as vent fans, may exceed the maximum allowed height by up to 6 feet. However, in this particular case, the fan would exceed the maximum height by 10 feet. Granting this variance would not confer any special privilege or commercial advantage on Jones, but instead is needed solely for code safety issues. Indeed, most other business establishments in the immediate area lack the size and occupancy levels to require smoke evacuation fans. Accordingly, Jones is requesting a small variance to accommodate the smoke evacuation fans.

Activation

Section 3.5.2 of the Form-Based Code contains the activation requirements for General Buildings and states that ground stories should have a minimum transparency of 40%. Jones is requesting a reduction of the ground story transparency from 40% to 30% along 31st Avenue only. This request is needed due to the existing grade being higher in elevation than the other sides of the building. The finish along 31st Avenue is 3 feet below the grade of the sidewalk, and therefore, reduces the available wall area. This grade differential was not caused by Jones, and a literal application of the Form-Based Code requiring Jones to correct this issue would create an undue hardship.

EXHIBIT 1

Conceptual Site Plan

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5.2(H) which states a Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorraine Street for a variance from the requirement for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to Approve on April 6, 2022.**
File Number: 2022-266
Minute Book #

Summary
Jones Midtown Headquarters - "Build-to-Zone" variance on S 30th and Lorraine St

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

SUBJECT PARCEL:

Midtown Variances for Jones Company Headquarters

Reed Nelson, Representative, Midtown Montevista LLC, Owner

The petitioners are requesting multiple variances for the proposed development of the Jones Companies Headquarters





Variance Requests:

C. A variance from Article 3, Section 3.5.2 (F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width on Chevy Chase Drive for a variance of 20.3%** lot width for property located on Chevy Chase Drive.

D. A variance from Article 3, Section 3.5.2(F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30%** lot width for property located on Chevy Chase Drive.

E. A variance from Article 3, Section 3.5.2(H) which states a **Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street** for a variance from the requirement for property located on Chevy Chase Drive.

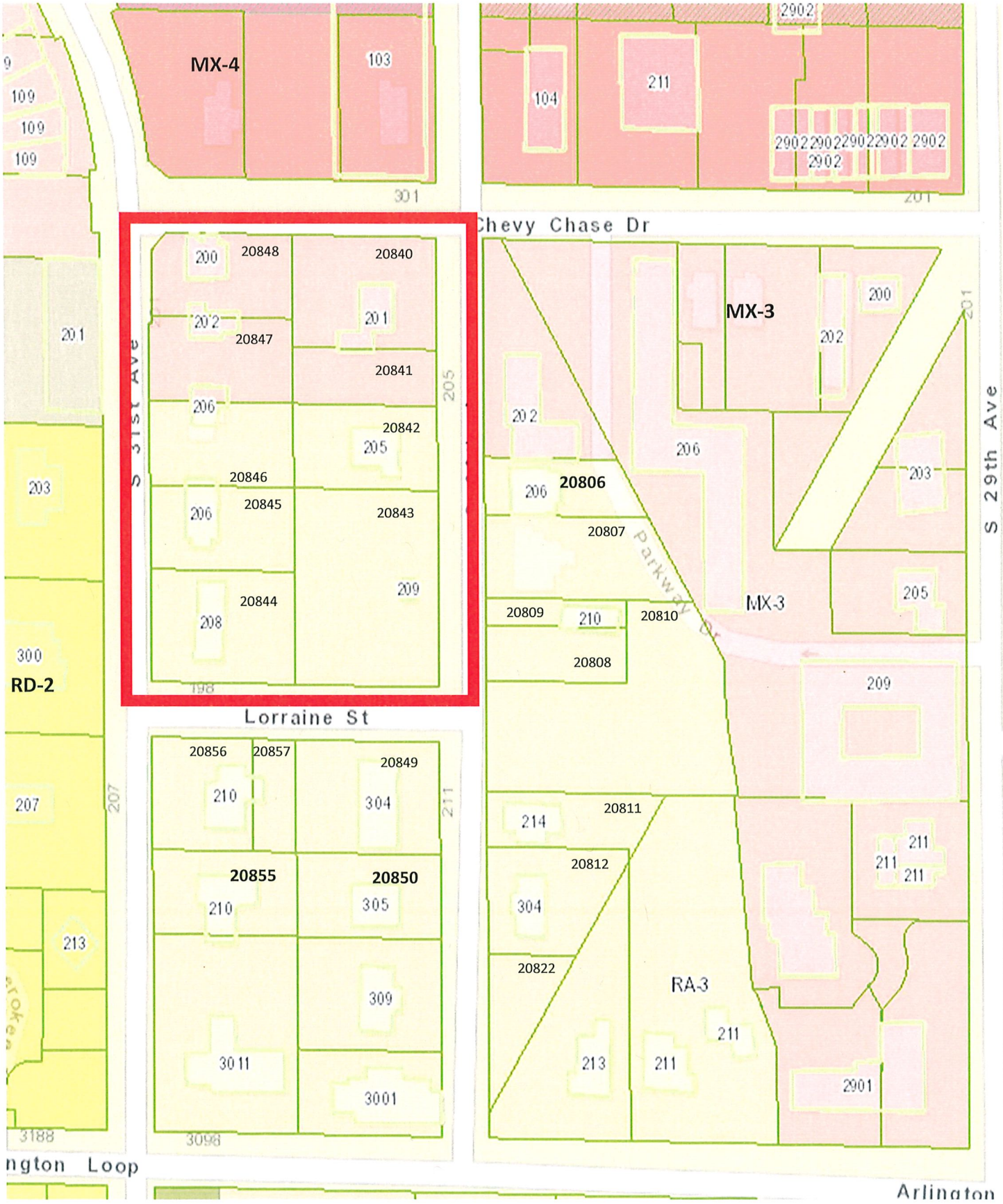
F. A variance from Article 5, Section 5.1.B. which requires the proposed development to **provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31%** reduction for property located on Chevy Chase Drive

G. A variance from Article 3, Section 3.5.3 (A) which states the **Building height maximum is 60' and instead allow 65' (average) for a variance of 5'** for the average building height maximum for property located on Chevy Chase Drive.

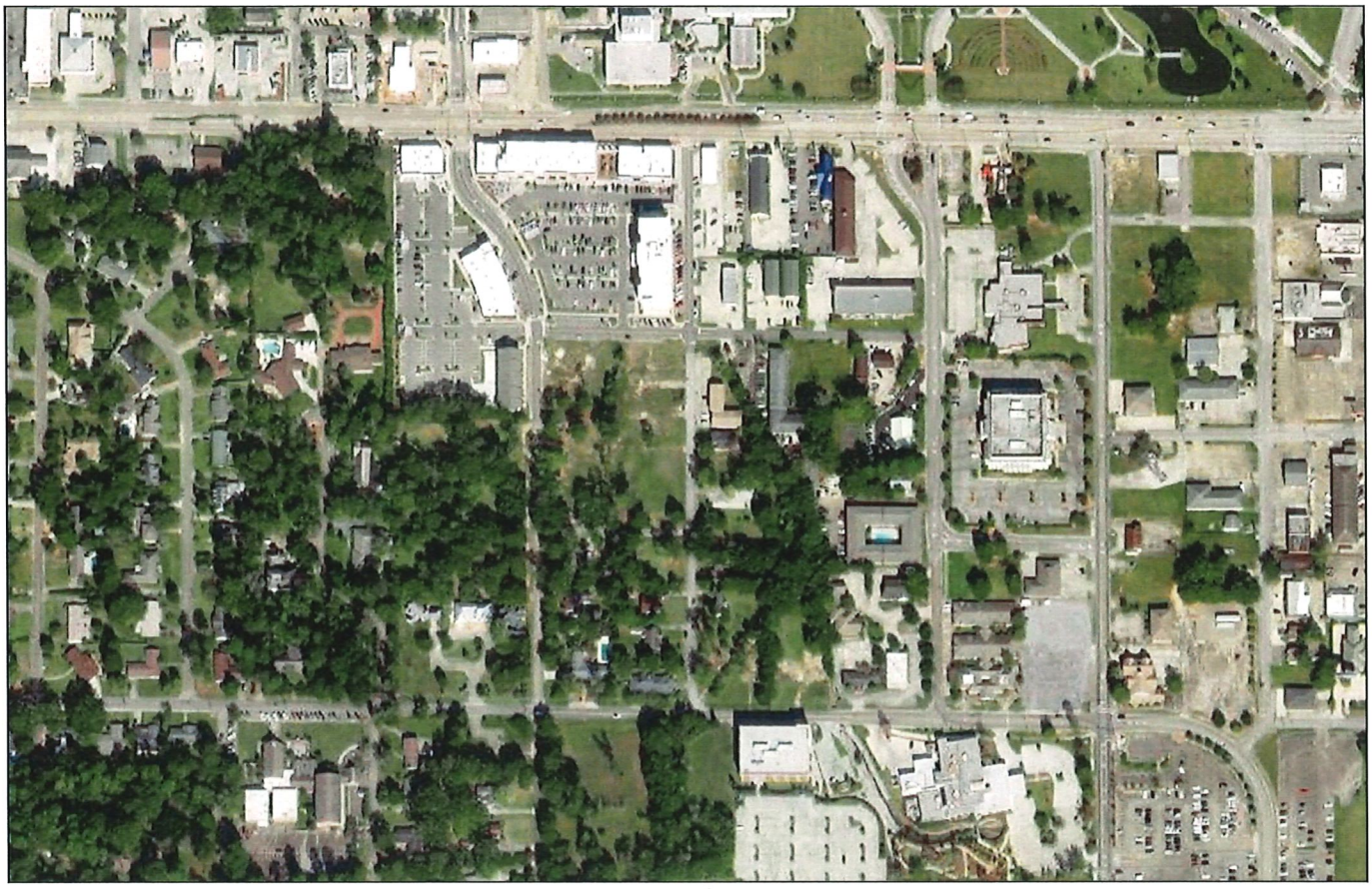
H. A variance from Article 3, Section 3.5 4. Transparency (A) which states the **minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10%** on S. 30th Avenue for property located on Chevy Chase Drive.

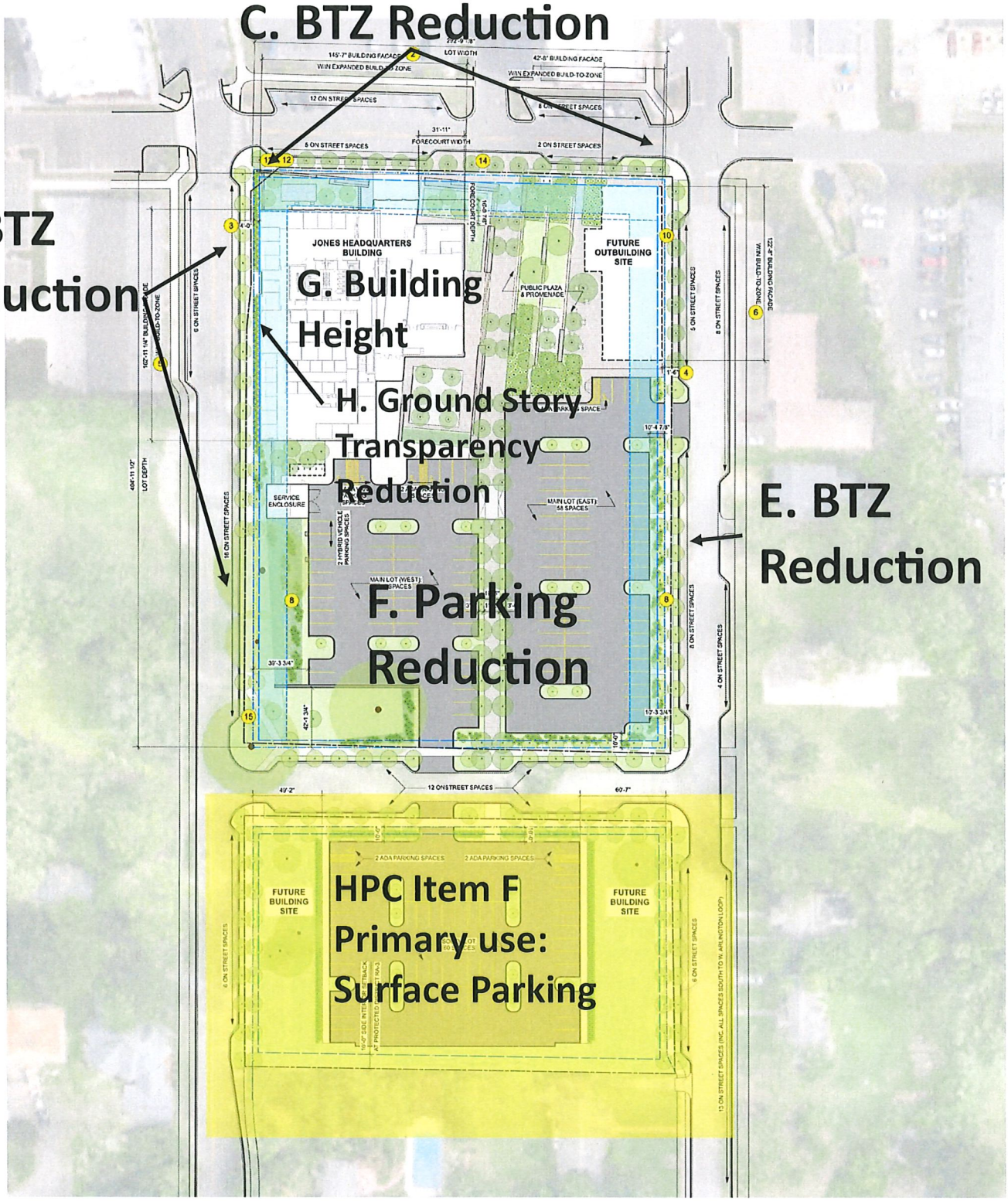
Parcels List: (PPIN 20848 Parcel 2-028N-07-075.00, PPIN 20847 Parcel 2-028N-07-074.00, PPIN 20846 Parcel 2-028N-07-073.00, PPIN 20845 Parcel 2-028N-07-072.00, PPIN 20844 Parcel 2-028N-07-071.00, PPIN 20843 Parcel 2-028N-07-062.00, PPIN 20842 Parcel 2-028N-07-061.00, PPIN 20841 Parcel 2-028N-07-060.00, PPIN 20840 Parcel 2-028N-07-059.00, Ward 3).

Subject Area for Variance Requests



Site Aerial





LEGEND & NOTES

(##) REFER TO VARIANCE REQUEST WRITTEN MEMO FOR DESCRIPTION AND CODE REFERENCE

- PROPERTY LINE
- MIDTOWN STREETS (BY OTHERS)
- RIGHT-OF-WAY
- SETBACK
- BUILD-TO-ZONE
- BUILD-TO ZONE W/ 20% INCREASE AT CHEVY CHASE DR. ONLY (1)
- JONES HEADQUARTERS OFFICE
- OUTPARCEL BUILDING SITE & APPROXIMATE FOOTPRINT
- ASPHALT PARKING LOT (7)
- INTERIOR ISLAND: 321.7 SQFT, TYP (9)
- UNIT PAVING (BRICK, OR SIM.)
- CIP CONCRETE PAVING
- STONEDUST PAVING
- LAWN
- PLANTING BEDS
- BIKE RACKS (SHORT TERM PARKING): 6 SPACES TOTAL; ALL RACKS DOUBLE SIDED WITH MIN. 2' X 6' CLEARANCE FOR BIKES
- BIKE SHELTER (LONG TERM PARKING): 12 SPACES TOTAL
- PRECAST CONCRETE WALLS & BENCHES
- PRECAST CONCRETE STEPS
- CIP CONCRETE WALLS
- PARKING LOT LIGHT FIXTURE: POLE MOUNTED LUMINAIRE
- PROPOSED CANOPY TREE - LARGE
- PROPOSED CANOPY TREE - MEDIUM (13)
- PROPOSED CANOPY TREE - SMALL (ALL TREES TO BE 3" CALIPER & 10'-0" MIN. HEIGHT AT TIME OF PLANTING)
- PERIMETER SHRUB SCREENING (18" MIN. HEIGHT AT TIME OF PLANTING)
- EXISTING CANOPY TREE

REED+HILDERBRAND

JONES COMPANIES HEADQUARTERS
HATTIESBURG, MISSISSIPPI

CONCEPTUAL SITE PLAN
CITY PRE-APPROVAL & VARIANCE REQUEST

0 30'

MARCH 2, 2022

SUBJECT PROPERTIES

Vacant Parcel South of Chevy Chase Drive





Subject property facing north from Lorraine St



Vacant Parcel on S 30th Ave



S 31st Ave Streetscape

SURROUNDING AREA

Current View of Midtown Mixed-Use Area





Streetscape of N 31st Ave



Midtown Townhomes on S 31st Ave



Indigo Hotel on S 30th Ave

Surrounding Area

206 Chevy Chase Drive—Apartment Complex





202 S 30th Ave—Apartment Complex



Streetscape at corner of S 30th and Chevy Chase Drive



309 S 30th Ave

SURROUNDING AREA

S 30th Streetscape View





3011 Arlington Loop



South 31st Streetscape



South 31st Streetscape (facing West)

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

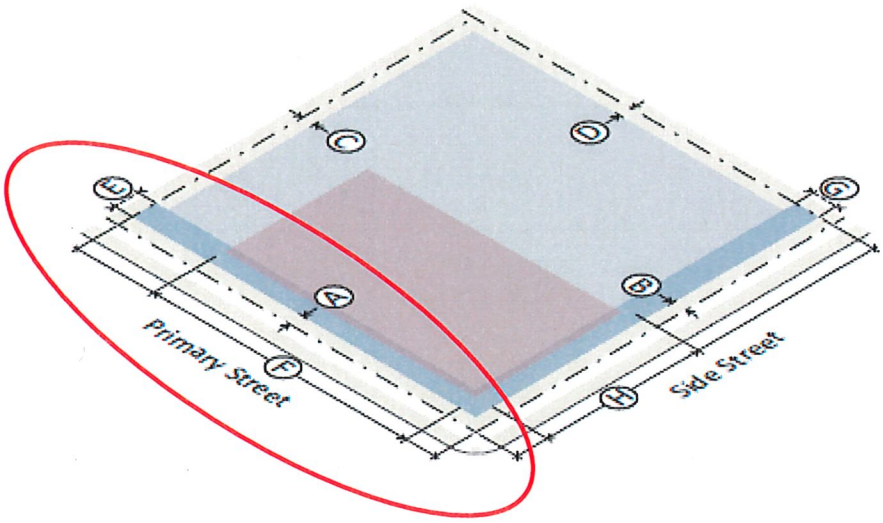
Purpose of Request: To consider a variance from Article 3, Section 3.5.2 (F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width for a variance of 20.3% lot width for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

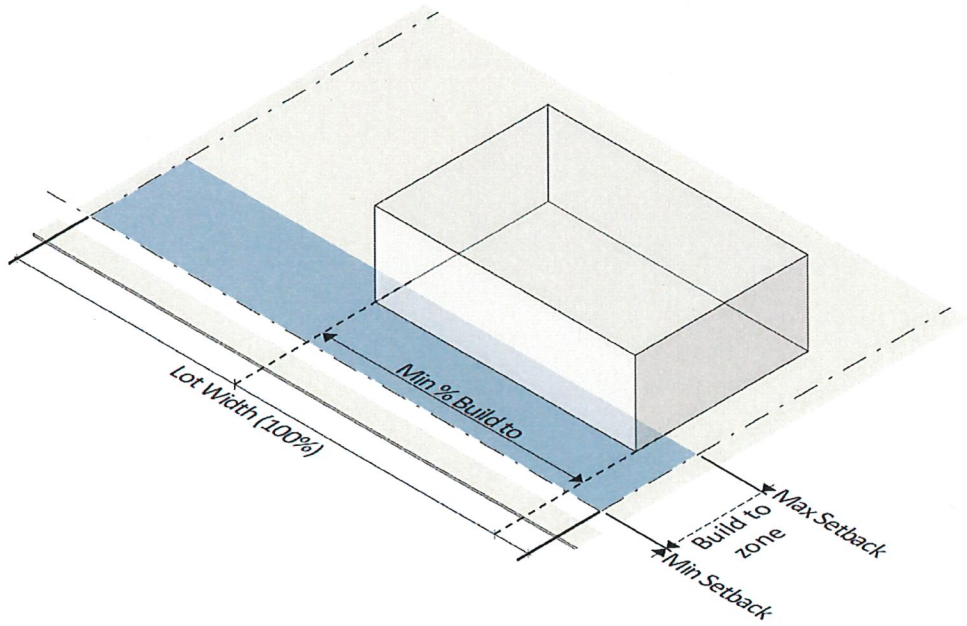
Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
	2-028N-07-071.00	20844	
	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

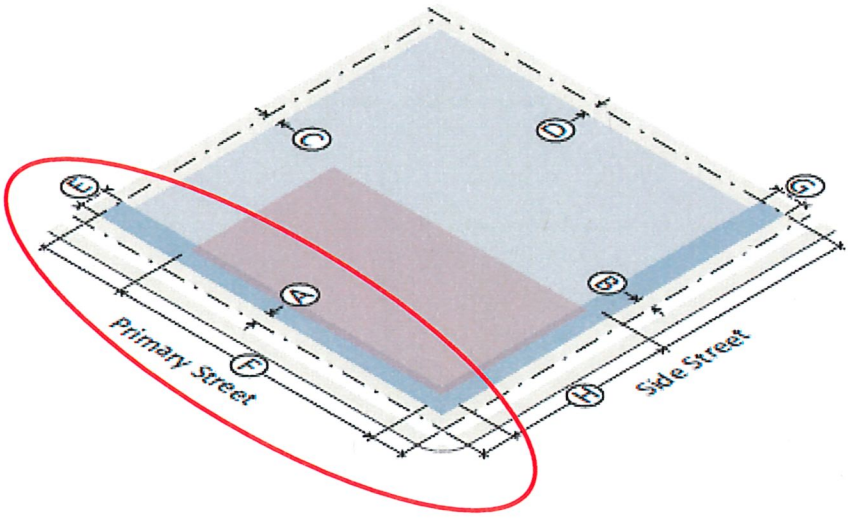
Purpose of Request: To consider a variance from Article 3, Section 3.5.2(F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30% lot width for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

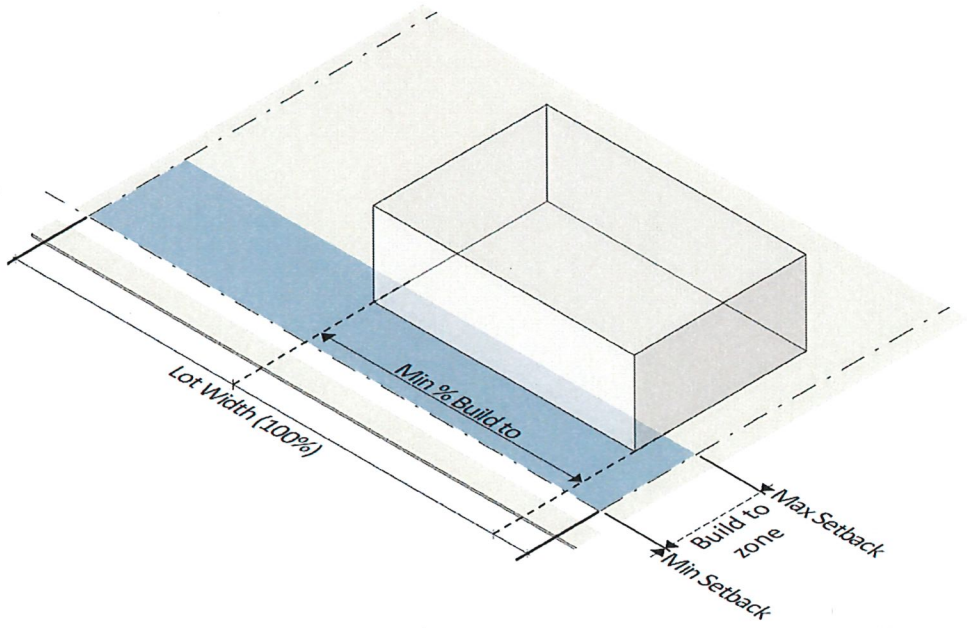
Item: D
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: D
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
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Request: **Perimeter Landscaping Variance**

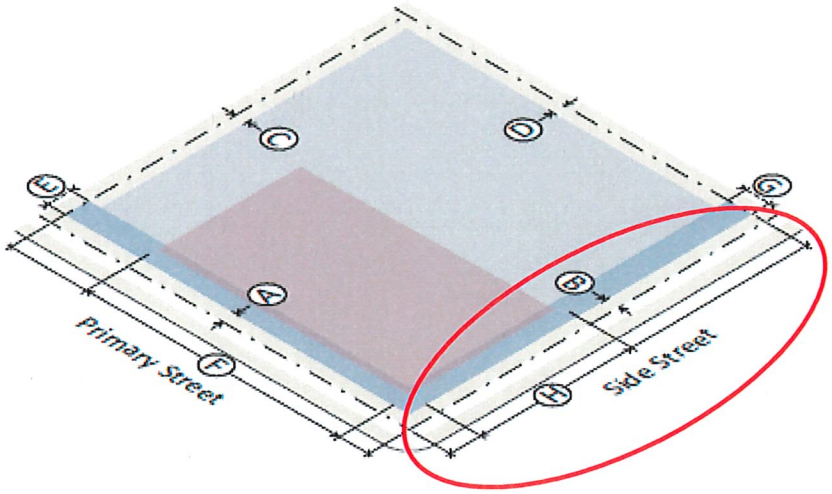
Purpose of Request: To consider a variance from Article 3, Section 3.5.2(H) which states a Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street for a variance from the requirement for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

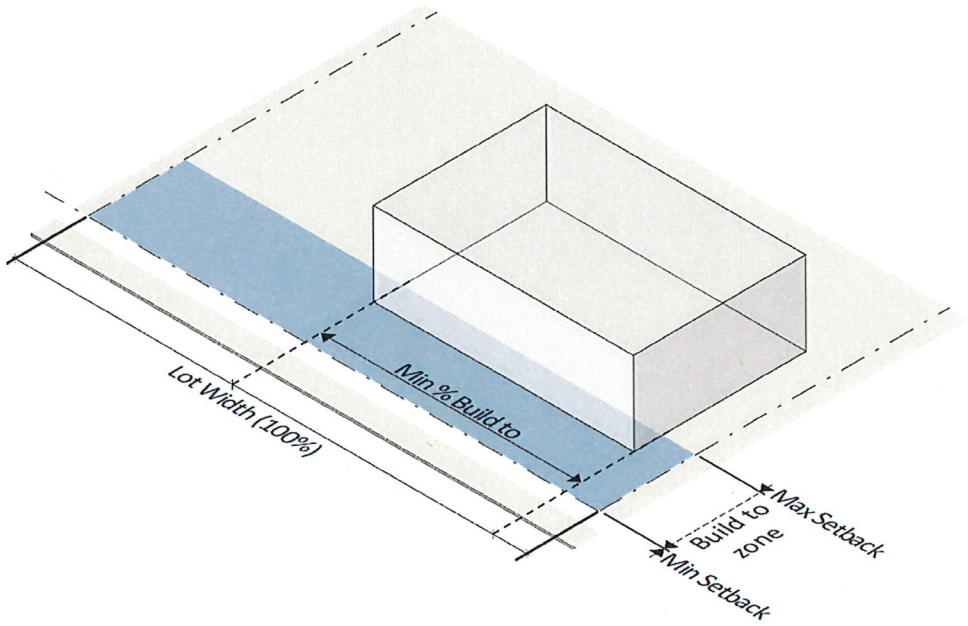
Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a certain portion of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (35% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
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	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 5, Section 5.1.B. which requires the proposed development to provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31% reduction for property located on Chevy Chase Drive .

Applicant Summary: See Attached

Applicable Regulations:

Article 5 **Site Development (Pg 54)**
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated:

The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The applicant is seeking a 31% reduction in parking. They believe they have adequate parking available for the proposed development. Jones headquarter office building is 81,112 sq. ft. 325 parking spaces would be required for that size office building. They are providing 106 surface parking spaces on the northern lot, 60 parking surface spaces on the southern lot (Conditional Use approval from Planning Commission pending) and are permitted to account for 60 on-street spaces for a total of 226 spaces provided (69.5% of the required 325 of spaces). The applicant rounded the percentage to 31% to accommodate unforeseen design adjustments.

"We expect the total number of spaces thus provided will accommodate the projected employee headcount at an average rate of 80% daily attendance. We also believe that there is currently a surplus of parking in the blocks north of the development and that the addition of extraneous parking on this parcel would be detrimental to the long-term character of Midtown"

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would

deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
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	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5.3 (A) which states the Building height maximum is 60' and instead allow 65' (average) for a variance of 5' for the average building height maximum for property located on Chevy Chase Drive.

Applicant Summary: See Attached

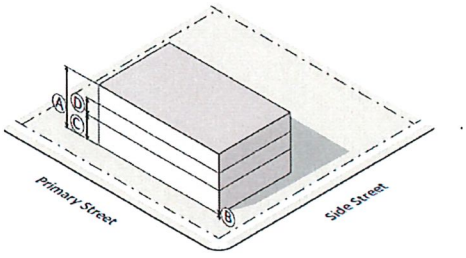
Applicable Regulations:

Article 5

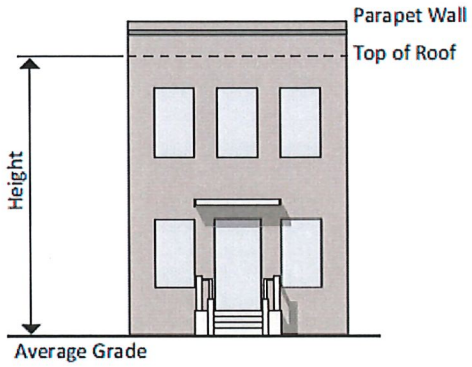
Site Development (Pg 54)
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

3.17 H. Building Height, I. Height Encroachments & J. Ground Floor Elevation *(see for details on meathods of measurement)*

3. Height



Flat Roof



Building Height	
Ⓐ Building height (max)	
EM-2	2 stories/35'
MX-3, EM-3	3 stories/45'
MX-4, EM-4	4 stories/60'
MX-5	5 stories/75'
EM-6	6 stories/90'
EM-9	9 stories/135'
Reduced height may be required when abutting a protected district (see *Sec. 3.17.O*)	
Story Height	
Ⓑ Ground floor elevation	0'
Ⓒ Ground story height, floor to ceiling (min)	11'
Ⓓ Upper story height, floor to ceiling (min)	9'

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background: The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site.

The proposed building has pedestrian entrances facing both the street and a public plaza.

"Jones requests an increase of the average allowable height to 65'-0". While the average roof elevation is 60'-0" A.F.F., the central portion for the building has a roof elevation of 70'-0" to accommodate smoke evacuation fans as required by the International Building Code. The average roof elevation of the building is currently 63'-0" A.F.F."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5 4. Transparency (A) which states the minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10% on S. 30th Avenue for property located on Chevy Chase Drive.

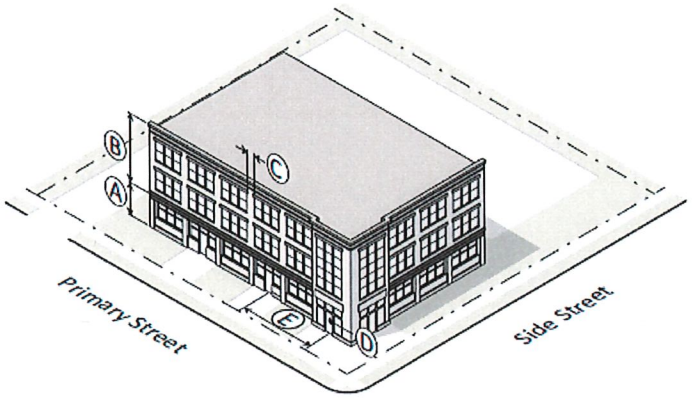
Applicant Summary: See Attached

Applicable Regulations:

Article 3

Sec. 3.16. Building Elements
L. Transparency
1. The minimum percentage of windows and doors that must cover a ground story facade is measured between 2 and 12 feet above the abutting sidewalk.
2. The minimum percentage of windows and doors that must cover an upper story facade is measured from the top of the finished floor to the top of the finished floor above. When there is no floor above, upper story transparency is measured from the top of the finished floor to the top of the wall plate.

4. Activation





Transparency		
Ⓐ	Ground story (min)	40%
Ⓑ	Upper story (min)	20%
Ⓒ	Blank wall area (max)	35'

3. Transparency applies to primary and side street facing facades only.
4. Glass is considered transparent where it has a transparency higher than 80% and external reflectance of less than 15%.
5. Windows cannot be made opaque by window treatments (except operable sunscreen devices within the conditioned space).

Definition — **Transparency** means the total area of window and door opening filled with glass, expressed as a percentage of the total facade area by story (see also Sec. 3.17.L).

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:
North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
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Letters or Concerns stated: The Planning Division Office has not received any letters or other

written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

Due to grade changes and the requirement to place the building close to the existing street, the first floor will be slightly lower than typical on the S. 31st Ave. side. Therefore, to keep the same rhythm of glazing at the primary entrance on Chevy Chase Drive, the applicant is unable to reach he full 40% required transparency.

"Jones requests a reduction of the Ground Story transparency from 40% to 30% along 31st Avenue. This request is needed due to the existing grade being higher in elevation than the other sides of the building. Our finish floor along 31st Avenue is 3'-0" below the grade of the sidewalk and reduces the available wall area. The current windows and wall ratios are attached and will be included in the permit plan submittal. We meet or exceed the transparency percentages on the Chevy Chase frontage."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

The following documents provided by Jones Company
in reference to the Midtown Montevista LLC variances
may be referenced for BOA Variance cases
C through H.

Variance Requests
Jones Companies, LLC Headquarters Relocation

Applicant/Owner: Jones Companies, LLC (applicant) and Midtown Montevista, LLC (real property owner).

Applicant/Owner Address: 16 Office Park Drive, Suite 10, Hattiesburg, MS 39402.

Applicant/Owner Representative: Reed Nelson (reed.nelson@jones.com; 601-633-6578).

Counsel Representing Applicant/Owner: William D. Drinkwater (wdrinkwater@brunini.com; 601-960-6849), Brunini, Grantham, Grower & Hewes, PLLC, P.O. Drawer 119, Jackson, Mississippi 39205.

Property Address: 306 Chevy Chase Drive, Hattiesburg, MS. 39401

Conceptual Site Plan: See **Exhibit 1**.

Variance Requests	
Section	**Variance**
3.5.2(F)	20.3% variance (BTZ) (Chevy Chase)
3.5.2(F)	30% variance (BTZ) (31st Avenue)
3.5.2(H)	35% variance (BTZ) (30th Avenue)
5.1.B	Parking Spaces
3.5.3(A)	Building Height (5-foot variance)
3.5.4	Activation (10% variance for 31st Avenue)

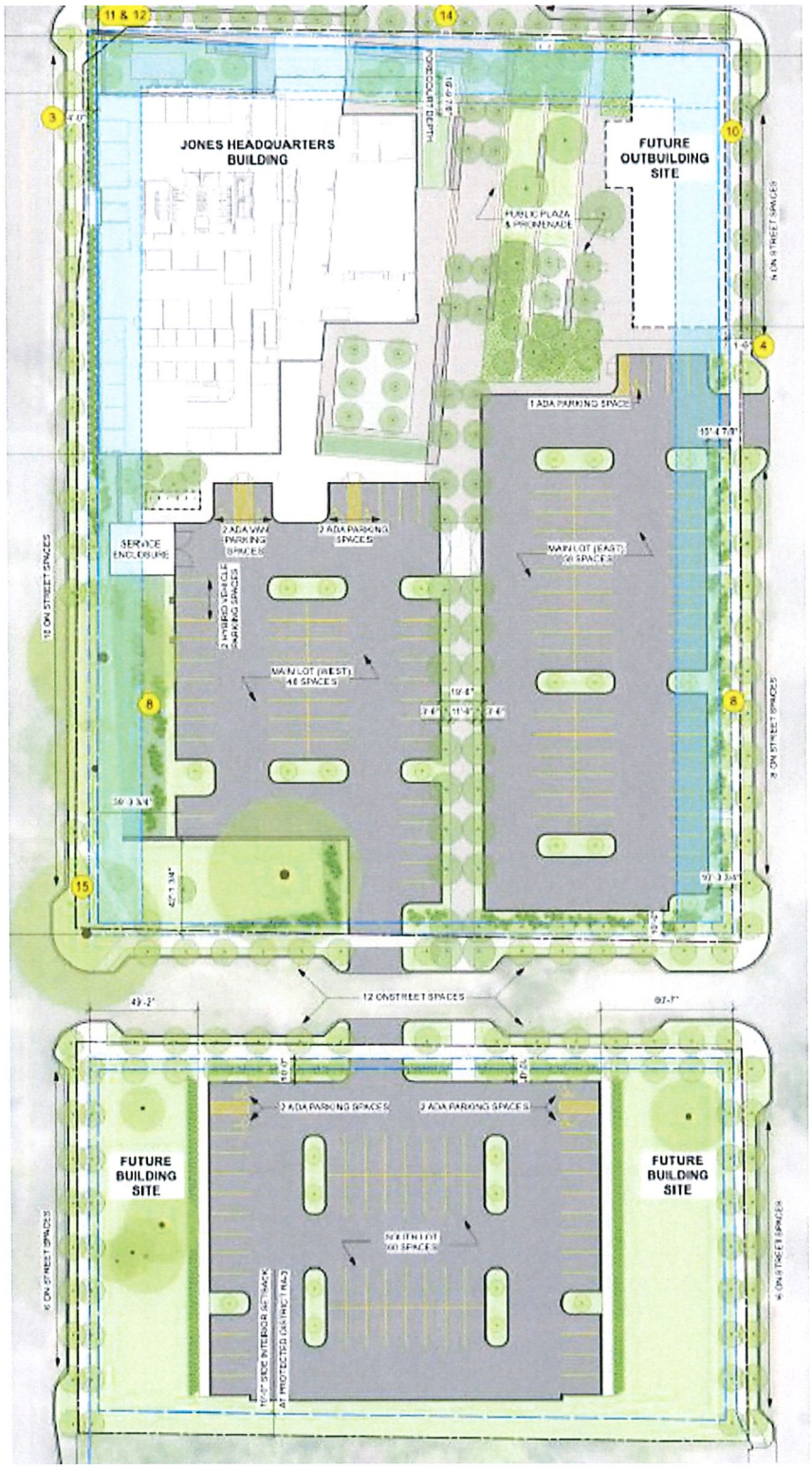
In connection with its headquarters relocation project, Jones Companies, LLC ("Jones") is requesting six variances from the requirements of the Midtown Hattiesburg Form-Based Code ("Form-Based Code"). The variances requested pertain to the requirements for (a) Build-to-Zone ("BTZ"), (b) parking spaces, (c) building height, and (d) activation. As demonstrated below, Jones submits that its project satisfies the variance requirements under the Form-Based Code and Land Development Code ("LDC") and requests that its requests be granted.

Build-to-Zone Variance Requests

Section 3.5.2 of the Form-Based Code contains the BTZ requirements for "General Buildings" and states that General Buildings on "primary streets" should be a minimum of 70% of lot width, while buildings on "side streets" should be a minimum of 35% of lot width. As reflected in the Conceptual Site Plan excerpted below, the Jones headquarters building would occupy 49.7% of the frontage on Chevy Chase Drive and 40% of the frontage on 31st Avenue (both primary streets)[1] and no frontage on 30th Avenue or Lorraine Street (side streets). Accordingly, Jones is requesting

[1] The City amended the Form-Based Code to designate Chevy Chase Drive as a side street. However, the City is currently considering an amendment to reclassify Chevy Chase Drive as a primary street. For purposes of these variance requests, Jones assumes Chevy Chase Drive will be a primary street at the time construction begins.

a 20.3% BTZ variance for Chevy Chase Drive, a 30% variance for 31st Avenue, and a 35% variance for 30th Avenue/Lorraine Street.



Jones's requests for BTZ variances are fundamentally driven by the large lot size required for necessary parking, and the practical impossibility of constructing a headquarters building with frontage on all sides of the lot. The headquarters building will be 81,112± square feet. Under the Form-Based Code, this translates into a requirement for 325 parking spaces. Given the considerable parking requirements for this development, which Jones is attempting to alleviate through a variance request discussed below, and the economic infeasibility of constructing a parking garage, it is simply not possible to satisfy the BTZ requirements for this development without sacrificing further parking spaces. This is evident from simply viewing the Conceptual Site Plan. In order to cover more road frontage with its headquarters building, Jones would have to construct a one or two-story headquarters building, which would leave it without anywhere near adequate parking to meet its needs and the requirements of the Form-Based Code. Because the "lot" for purposes of the Form-Based Code is defined as the entire block bordered by Chevy Chase Drive, 30th Avenue, Lorraine Street, and 31st Avenue, it is simply not possible to construct a building large enough to satisfy the BTZ requirements.

Regarding Chevy Chase Drive specifically, a BTZ variance is additionally needed to provide space for the public plaza and promenade which will be an amenity to Midtown as a tree-shaded and accessible public space. Jones believes that it is important that the plaza/promenade have frontage along Chevy Chase Drive so that it is visible and accessible to patrons of the commercial/restaurant/hotel establishments just north of Chevy Chase Drive. Additionally, as the Conceptual Site Plan indicates, Jones envisions a future outbuilding site being located on the corner of Chevy Chase Drive and 30th Avenue. The outbuilding site as depicted occupies 14.6% of the frontage along Chevy Chase Drive, which, together with the headquarters building, brings the total BTZ to roughly 65%. The future outbuilding site would also occupy 30% of the frontage along 30th Avenue – nearly satisfying the BTZ requirements for 30th Avenue. Additionally, while Jones considered providing for greater frontage along 31st Avenue, doing so would require Jones to cut down large, live oak canopy trees, which Jones viewed as undesirable and inconsistent with the goals reflected in the Form-Based Code and Midtown Master Plan.

Without these BTZ variances, Jones is simply unable to make reasonable use of the property for its intended purpose, and a literal interpretation of the Code would deprive Jones of rights commonly enjoyed by other businesses in the Midtown District, which, unlike Jones, have been able to avoid this type of BTZ challenge through shared parking. As a large office use with considerable parking needs and requirements, the BTZ requirements pose a unique hardship to Jones that is not shared by other commercial establishments in the immediate area. This hardship was not caused by Jones, but instead results from its size and square footage needs as an office building. Further, granting Jones a variance would not confer any special privilege on Jones. Jones is simply asking that it be allowed to construct its headquarters building in a way that strikes a reasonable balance between the Form-Based Code's competing BTZ and parking requirements. Jones submits that its effort to provide for open space and preserve existing green space is fully consistent with the provisions and purposes of the Form-Based Code and the Midtown Master Plan.

Parking Spaces

As already discussed, there is a necessary tradeoff between BTZ and parking requirements under the Form-Based Code as applied to this development. Any increase in BTZ results in a decrease in parking spaces and/or green space. City officials have informed Jones that, under the Form-Based Code, an 81,112 square foot office building is required to have 325 parking spaces, absent a variance. On the Conceptual Site Plan above, the North Main Lot will have 106 spaces, the South Lot will have 60 spaces, and there will be 111 spaces for on-street parking (277 total spaces), though Ms. Lowrey has notified us that only 226 of these spaces will be considered or purposes of compliance with the Form-Based Code's parking requirements. Accordingly, Jones is requesting a variance of 99 spaces, or however many spaces are needed to accommodate its plans as set forth above. Jones has determined that these plans are sufficient for the current needs of its employees and customers and believes this number strikes a reasonable balance between the competing demands for BTZ and parking. Jones submits that the same factors and reasons supporting issuance of the BTZ variances likewise support its request for a parking variance.

Building Height

Section 3.5.3 of the Form-Based Code provides a maximum average building height of 60 feet for MX-4 property. While the average roof elevation for the headquarters building is 60 feet, the central portion of the building has a roof elevation of 70 feet to accommodate smoke evacuation fans as required by the International Building Code. The Form-Based Code recognizes that certain structures, such as vent fans, may exceed the maximum allowed height by up to 6 feet. However, in this particular case, the fan would exceed the maximum height by 10 feet. Granting this variance would not confer any special privilege or commercial advantage on Jones, but instead is needed solely for code safety issues. Indeed, most other business establishments in the immediate area lack the size and occupancy levels to require smoke evacuation fans. Accordingly, Jones is requesting a small variance to accommodate the smoke evacuation fans.

Activation

Section 3.5.2 of the Form-Based Code contains the activation requirements for General Buildings and states that ground stories should have a minimum transparency of 40%. Jones is requesting a reduction of the ground story transparency from 40% to 30% along 31st Avenue only. This request is needed due to the existing grade being higher in elevation than the other sides of the building. The finish along 31st Avenue is 3 feet below the grade of the sidewalk, and therefore, reduces the available wall area. This grade differential was not caused by Jones, and a literal application of the Form-Based Code requiring Jones to correct this issue would create an undue hardship.

EXHIBIT 1

Conceptual Site Plan

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 5, Section 5.1.B. which requires the proposed development to provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31% reduction for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to Approve on April 6, 2022.**
File Number: 2022-267
Minute Book #

Summary
Jones Midtown Headquarters - Parking Variance on Chevy Chase Drive

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

SUBJECT PARCEL:

Midtown Variances for Jones Company Headquarters

Reed Nelson, Representative, Midtown Montevista LLC, Owner

The petitioners are requesting multiple variances for the proposed development of the Jones Companies Headquarters





Variance Requests:

C. A variance from Article 3, Section 3.5.2 (F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width on Chevy Chase Drive for a variance of 20.3%** lot width for property located on Chevy Chase Drive.

D. A variance from Article 3, Section 3.5.2(F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30%** lot width for property located on Chevy Chase Drive.

E. A variance from Article 3, Section 3.5.2(H) which states a **Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street** for a variance from the requirement for property located on Chevy Chase Drive.

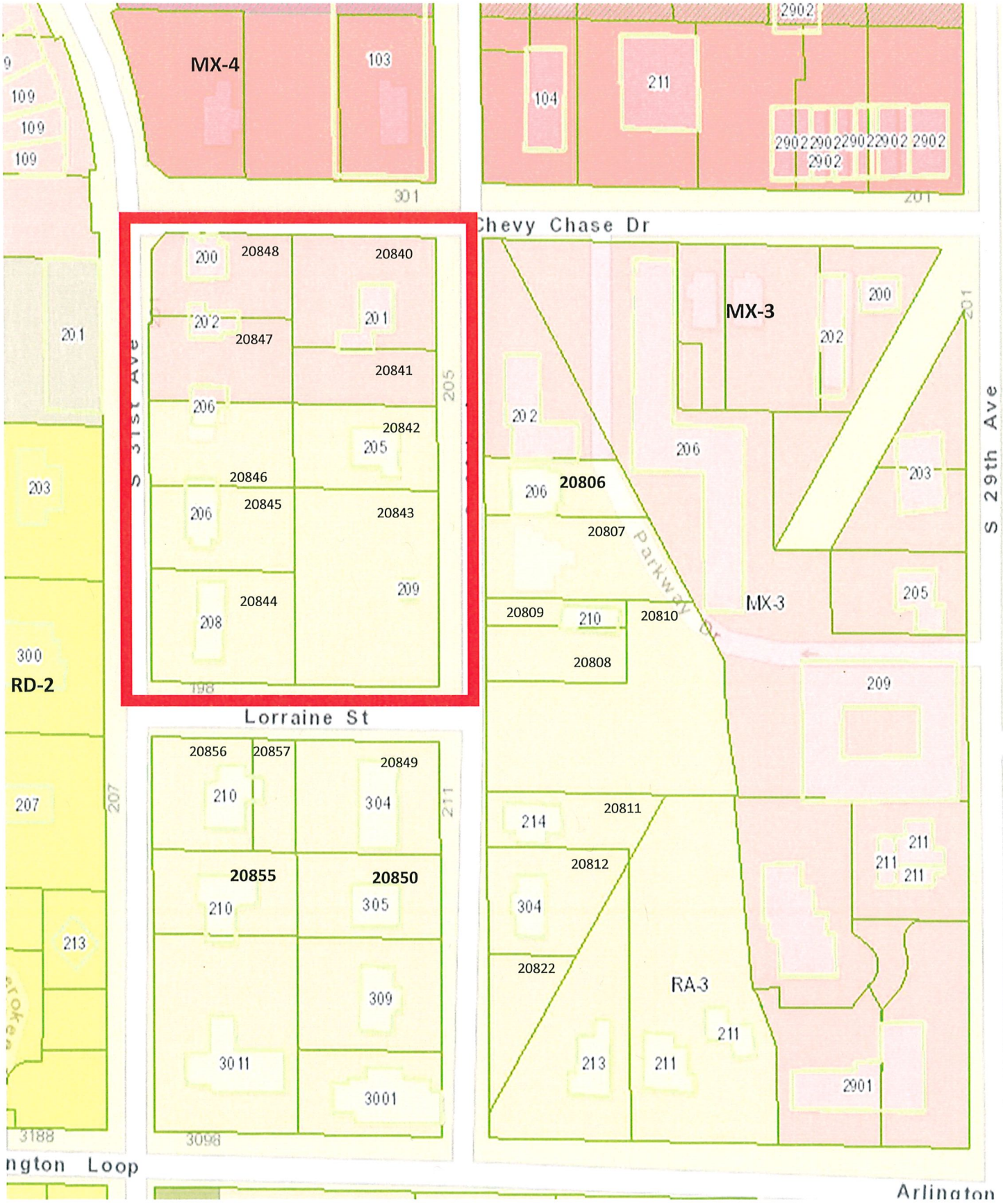
F. A variance from Article 5, Section 5.1.B. which requires the proposed development to **provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31%** reduction for property located on Chevy Chase Drive

G. A variance from Article 3, Section 3.5.3 (A) which states the **Building height maximum is 60' and instead allow 65' (average) for a variance of 5'** for the average building height maximum for property located on Chevy Chase Drive.

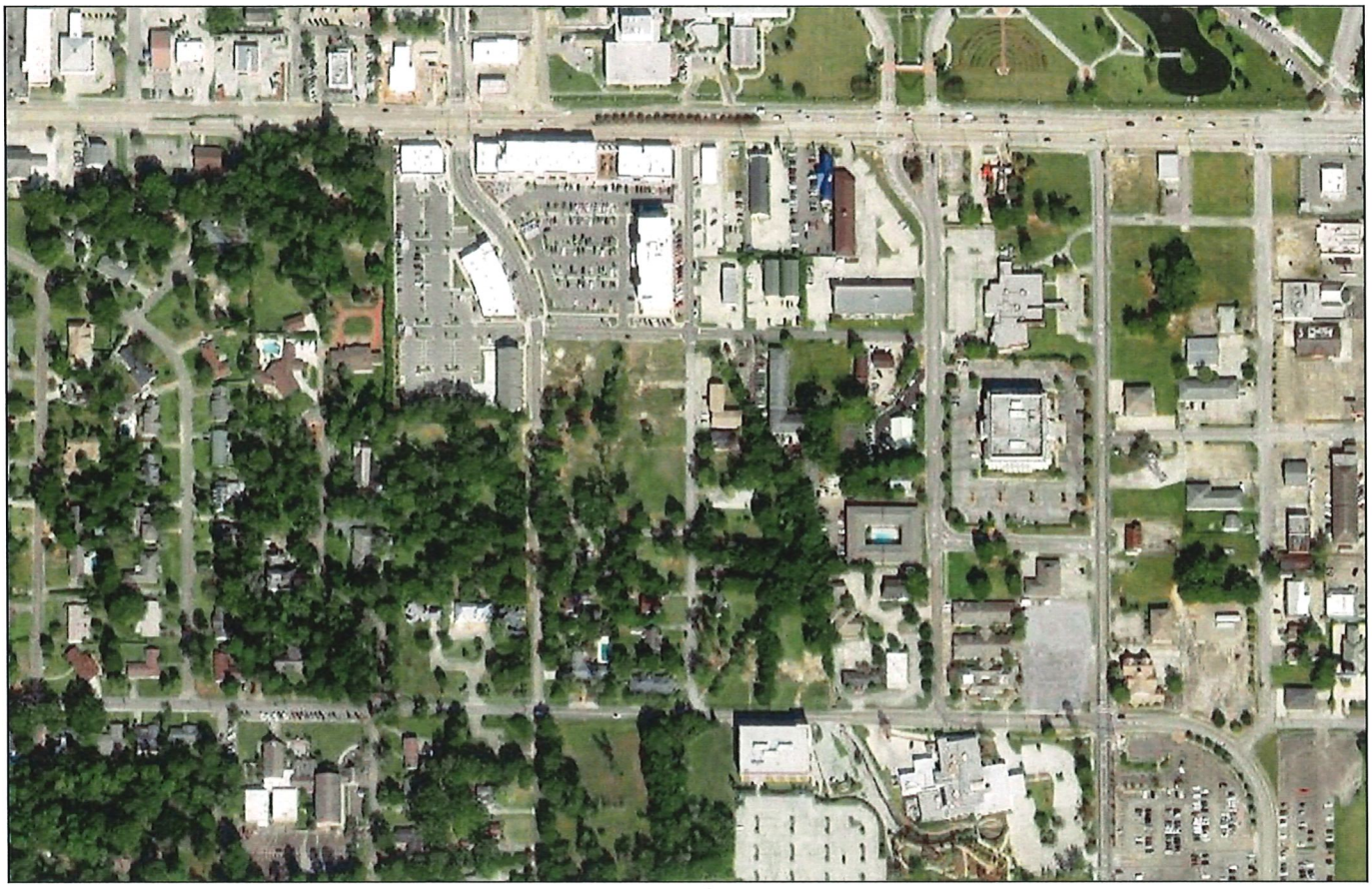
H. A variance from Article 3, Section 3.5 4. Transparency (A) which states the **minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10%** on S. 30th Avenue for property located on Chevy Chase Drive.

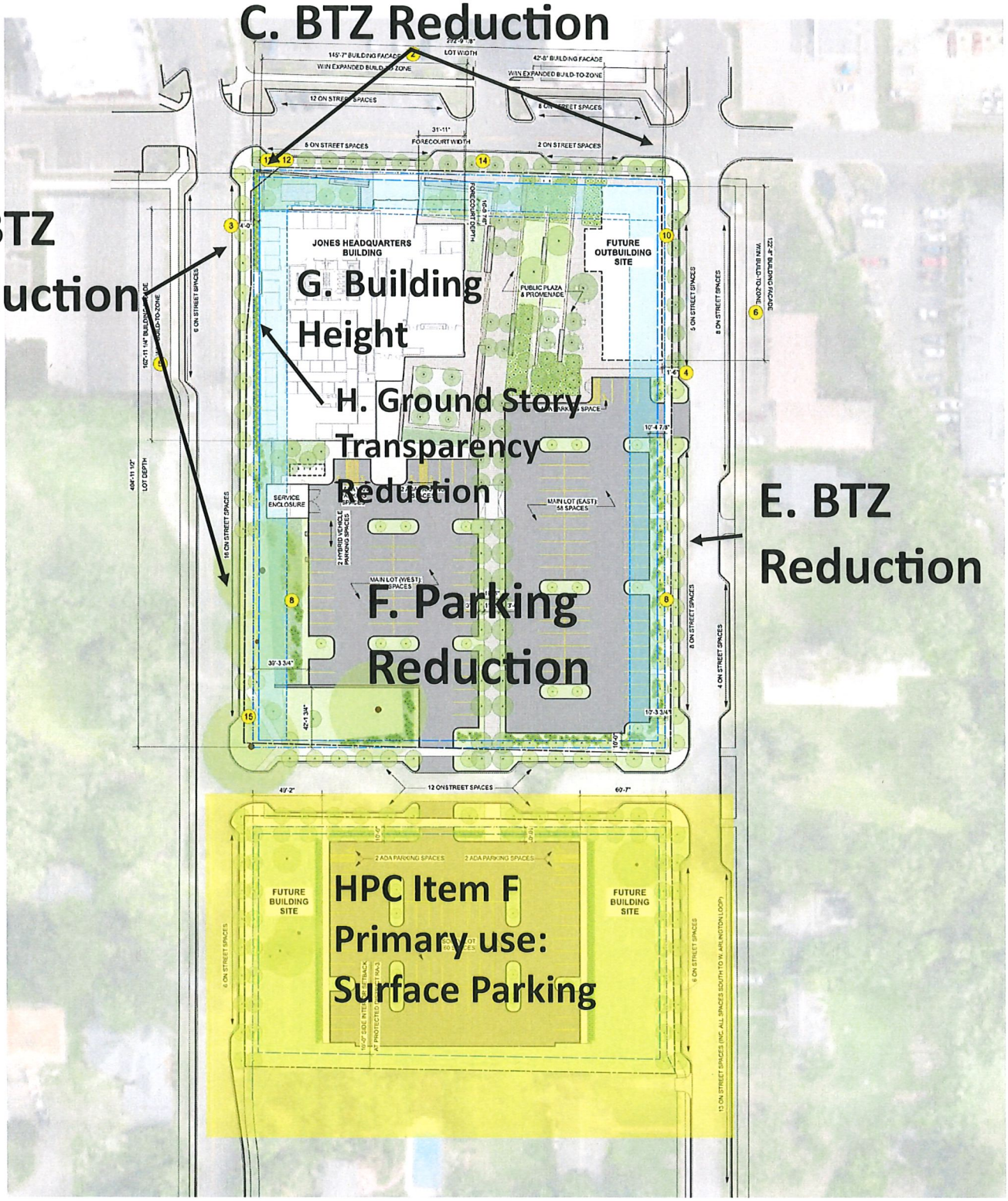
Parcels List: (PPIN 20848 Parcel 2-028N-07-075.00, PPIN 20847 Parcel 2-028N-07-074.00, PPIN 20846 Parcel 2-028N-07-073.00, PPIN 20845 Parcel 2-028N-07-072.00, PPIN 20844 Parcel 2-028N-07-071.00, PPIN 20843 Parcel 2-028N-07-062.00, PPIN 20842 Parcel 2-028N-07-061.00, PPIN 20841 Parcel 2-028N-07-060.00, PPIN 20840 Parcel 2-028N-07-059.00, Ward 3).

Subject Area for Variance Requests



Site Aerial





LEGEND & NOTES

(##) REFER TO VARIANCE REQUEST WRITTEN MEMO FOR DESCRIPTION AND CODE REFERENCE

- PROPERTY LINE
- MIDTOWN STREETS (BY OTHERS)
- RIGHT-OF-WAY
- SETBACK
- BUILD-TO-ZONE
- BUILD-TO ZONE W/ 20% INCREASE AT CHEVY CHASE DR. ONLY (1)
- JONES HEADQUARTERS OFFICE
- OUTPARCEL BUILDING SITE & APPROXIMATE FOOTPRINT
- ASPHALT PARKING LOT (7)
- INTERIOR ISLAND: 321.7 SQFT, TYP (9)
- UNIT PAVING (BRICK, OR SIM.)
- CIP CONCRETE PAVING
- STONEDUST PAVING
- LAWN
- PLANTING BEDS
- BIKE RACKS (SHORT TERM PARKING): 6 SPACES TOTAL; ALL RACKS DOUBLE SIDED WITH MIN. 2' X 6' CLEARANCE FOR BIKES
- BIKE SHELTER (LONG TERM PARKING): 12 SPACES TOTAL
- PRECAST CONCRETE WALLS & BENCHES
- PRECAST CONCRETE STEPS
- CIP CONCRETE WALLS
- PARKING LOT LIGHT FIXTURE: POLE MOUNTED LUMINAIRE
- PROPOSED CANOPY TREE - LARGE
- PROPOSED CANOPY TREE - MEDIUM (13)
- PROPOSED CANOPY TREE - SMALL (ALL TREES TO BE 3" CALIPER & 10'-0" MIN. HEIGHT AT TIME OF PLANTING)
- PERIMETER SHRUB SCREENING (18" MIN. HEIGHT AT TIME OF PLANTING)
- EXISTING CANOPY TREE

REED+HILDERBRAND

JONES COMPANIES HEADQUARTERS
HATTIESBURG, MISSISSIPPI

CONCEPTUAL SITE PLAN
CITY PRE-APPROVAL & VARIANCE REQUEST

0 30'

MARCH 2, 2022

SUBJECT PROPERTIES

Vacant Parcel South of Chevy Chase Drive





Subject property facing north from Lorraine St



Vacant Parcel on S 30th Ave



S 31st Ave Streetscape

SURROUNDING AREA

Current View of Midtown Mixed-Use Area





Streetscape of N 31st Ave



Midtown Townhomes on S 31st Ave



Indigo Hotel on S 30th Ave

Surrounding Area

206 Chevy Chase Drive—Apartment Complex





202 S 30th Ave—Apartment Complex



Streetscape at corner of S 30th and Chevy Chase Drive



309 S 30th Ave

SURROUNDING AREA

S 30th Streetscape View





3011 Arlington Loop



South 31st Streetscape



South 31st Streetscape (facing West)

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
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Request: **Perimeter Landscaping Variance**

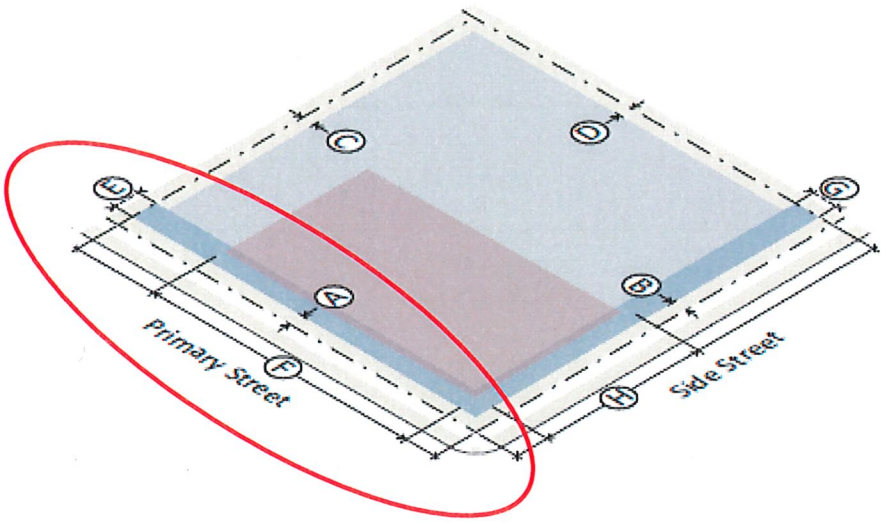
Purpose of Request: To consider a variance from Article 3, Section 3.5.2 (F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width for a variance of 20.3% lot width for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

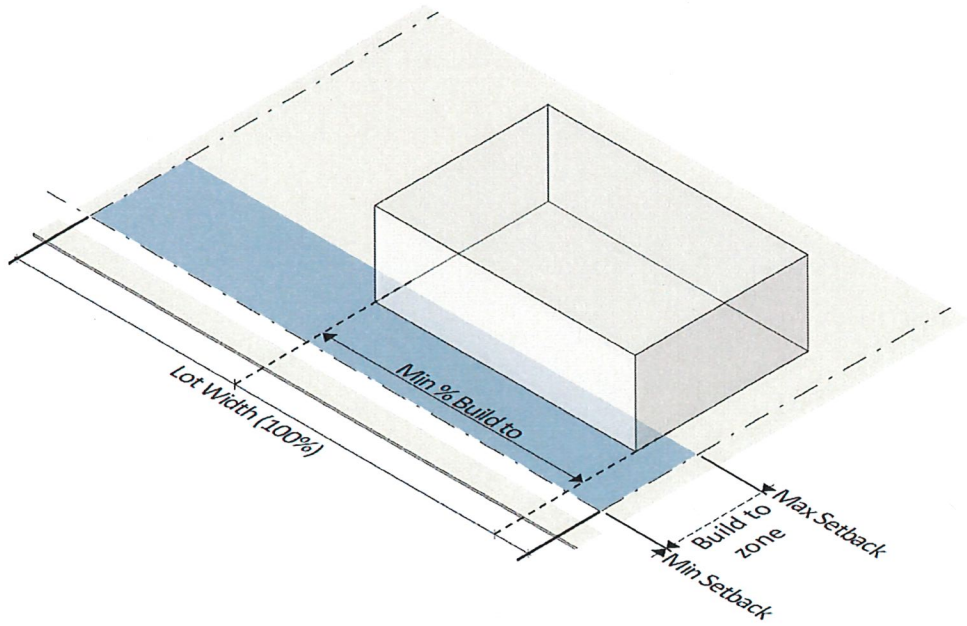
Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: C
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Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

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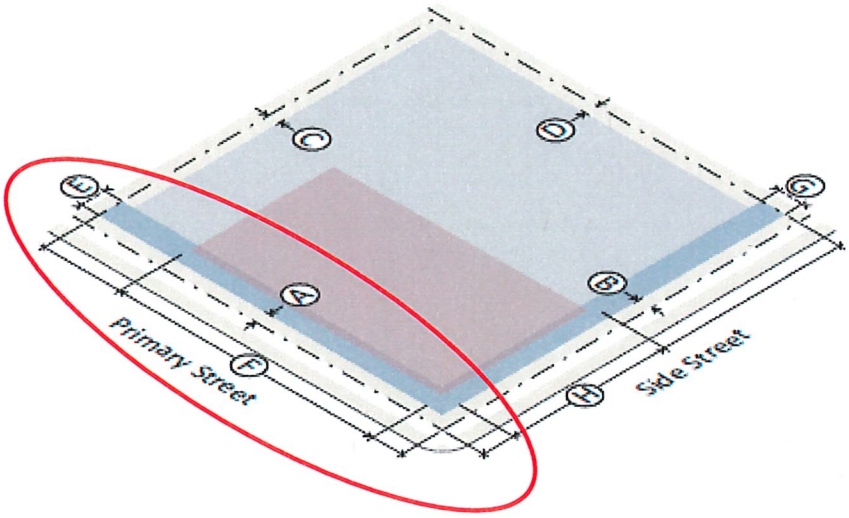
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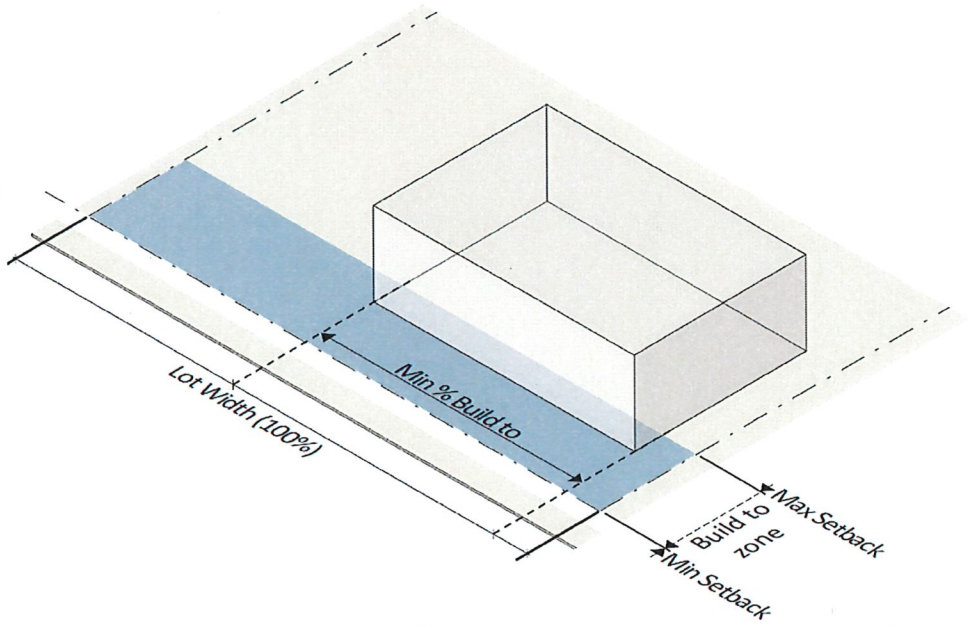
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Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

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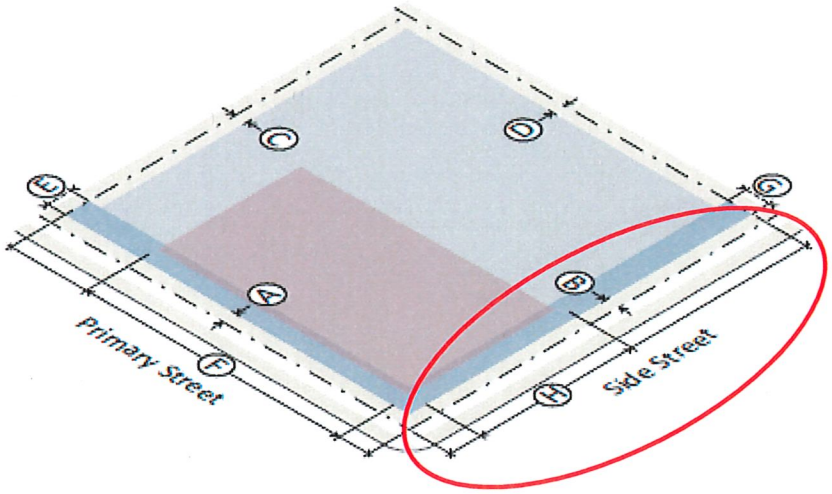
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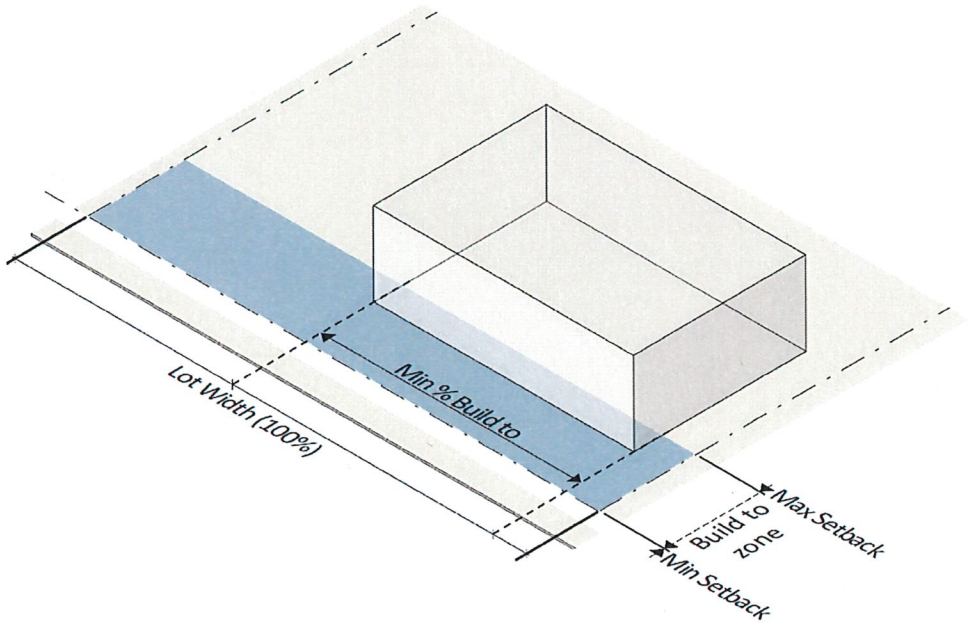
Item: E
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Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

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1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a certain portion of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (35% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
	2-028N-07-071.00	20844	
	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 5, Section 5.1.B. which requires the proposed development to provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31% reduction for property located on Chevy Chase Drive .

Applicant Summary: See Attached

Applicable Regulations:

Article 5 **Site Development (Pg 54)**
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated:

The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The applicant is seeking a 31% reduction in parking. They believe they have adequate parking available for the proposed development. Jones headquarter office building is 81,112 sq. ft. 325 parking spaces would be required for that size office building. They are providing 106 surface parking spaces on the northern lot, 60 parking surface spaces on the southern lot (Conditional Use approval from Planning Commission pending) and are permitted to account for 60 on-street spaces for a total of 226 spaces provided (69.5% of the required 325 of spaces). The applicant rounded the percentage to 31% to accommodate unforeseen design adjustments.

"We expect the total number of spaces thus provided will accommodate the projected employee headcount at an average rate of 80% daily attendance. We also believe that there is currently a surplus of parking in the blocks north of the development and that the addition of extraneous parking on this parcel would be detrimental to the long-term character of Midtown"

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would

deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5.3 (A) which states the Building height maximum is 60' and instead allow 65' (average) for a variance of 5' for the average building height maximum for property located on Chevy Chase Drive.

Applicant Summary: See Attached

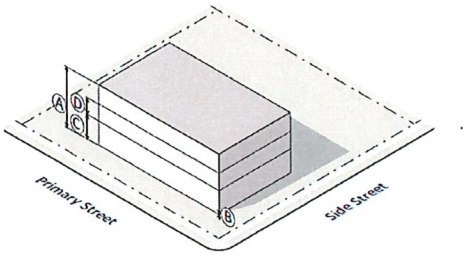
Applicable Regulations:

Article 5

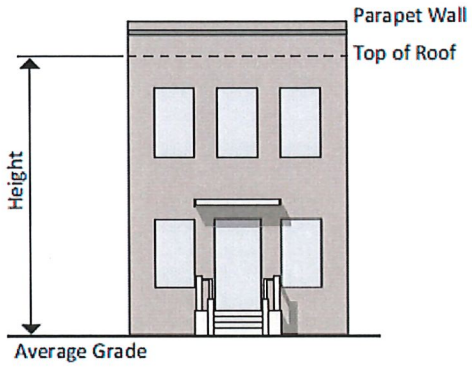
Site Development (Pg 54)
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

3.17 H. Building Height, I. Height Encroachments & J. Ground Floor Elevation *(see for details on meathods of measurement)*

3. Height



Flat Roof



Building Height	
Ⓐ Building height (max)	
EM-2	2 stories/35'
MX-3, EM-3	3 stories/45'
MX-4, EM-4	4 stories/60'
MX-5	5 stories/75'
EM-6	6 stories/90'
EM-9	9 stories/135'
Reduced height may be required when abutting a protected district (see *Sec. 3.17.O*)	
Story Height	
Ⓑ Ground floor elevation	0'
Ⓒ Ground story height, floor to ceiling (min)	11'
Ⓓ Upper story height, floor to ceiling (min)	9'

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background: The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site.

The proposed building has pedestrian entrances facing both the street and a public plaza.

"Jones requests an increase of the average allowable height to 65'-0". While the average roof elevation is 60'-0" A.F.F., the central portion for the building has a roof elevation of 70'-0" to accommodate smoke evacuation fans as required by the International Building Code. The average roof elevation of the building is currently 63'-0" A.F.F."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5 4. Transparency (A) which states the minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10% on S. 30th Avenue for property located on Chevy Chase Drive.

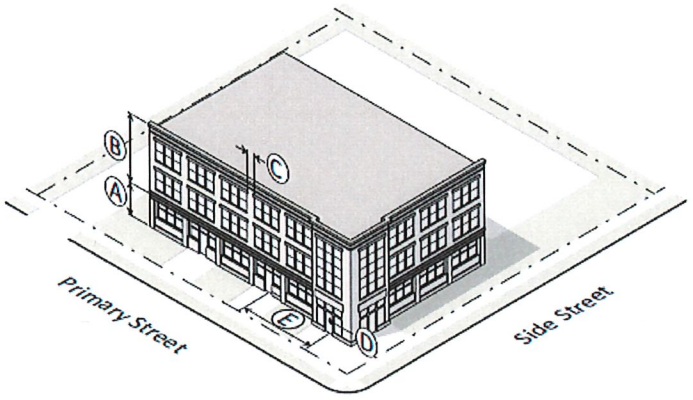
Applicant Summary: See Attached

Applicable Regulations:

Article 3

Sec. 3.16. Building Elements
L. Transparency
1. The minimum percentage of windows and doors that must cover a ground story facade is measured between 2 and 12 feet above the abutting sidewalk.
2. The minimum percentage of windows and doors that must cover an upper story facade is measured from the top of the finished floor to the top of the finished floor above. When there is no floor above, upper story transparency is measured from the top of the finished floor to the top of the wall plate.

4. Activation





Transparency		
Ⓐ	Ground story (min)	40%
Ⓑ	Upper story (min)	20%
Ⓒ	Blank wall area (max)	35'

3. Transparency applies to primary and side street facing facades only.
4. Glass is considered transparent where it has a transparency higher than 80% and external reflectance of less than 15%.
5. Windows cannot be made opaque by window treatments (except operable sunscreen devices within the conditioned space).

Definition — **Transparency** means the total area of window and door opening filled with glass, expressed as a percentage of the total facade area by story (see also Sec. 3.17.L).

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:
North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other

written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

Due to grade changes and the requirement to place the building close to the existing street, the first floor will be slightly lower than typical on the S. 31st Ave. side. Therefore, to keep the same rhythm of glazing at the primary entrance on Chevy Chase Drive, the applicant is unable to reach he full 40% required transparency.

"Jones requests a reduction of the Ground Story transparency from 40% to 30% along 31st Avenue. This request is needed due to the existing grade being higher in elevation than the other sides of the building. Our finish floor along 31st Avenue is 3'-0" below the grade of the sidewalk and reduces the available wall area. The current windows and wall ratios are attached and will be included in the permit plan submittal. We meet or exceed the transparency percentages on the Chevy Chase frontage."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

The following documents provided by Jones Company
in reference to the Midtown Montevista LLC variances
may be referenced for BOA Variance cases
C through H.

Variance Requests
Jones Companies, LLC Headquarters Relocation

Applicant/Owner: Jones Companies, LLC (applicant) and Midtown Montevista, LLC (real property owner).

Applicant/Owner Address: 16 Office Park Drive, Suite 10, Hattiesburg, MS 39402.

Applicant/Owner Representative: Reed Nelson (reed.nelson@jones.com; 601-633-6578).

Counsel Representing Applicant/Owner: William D. Drinkwater (wdrinkwater@brunini.com; 601-960-6849), Brunini, Grantham, Grower & Hewes, PLLC, P.O. Drawer 119, Jackson, Mississippi 39205.

Property Address: 306 Chevy Chase Drive, Hattiesburg, MS. 39401

Conceptual Site Plan: See **Exhibit 1**.

Variance Requests	
Section	**Variance**
3.5.2(F)	20.3% variance (BTZ) (Chevy Chase)
3.5.2(F)	30% variance (BTZ) (31st Avenue)
3.5.2(H)	35% variance (BTZ) (30th Avenue)
5.1.B	Parking Spaces
3.5.3(A)	Building Height (5-foot variance)
3.5.4	Activation (10% variance for 31st Avenue)

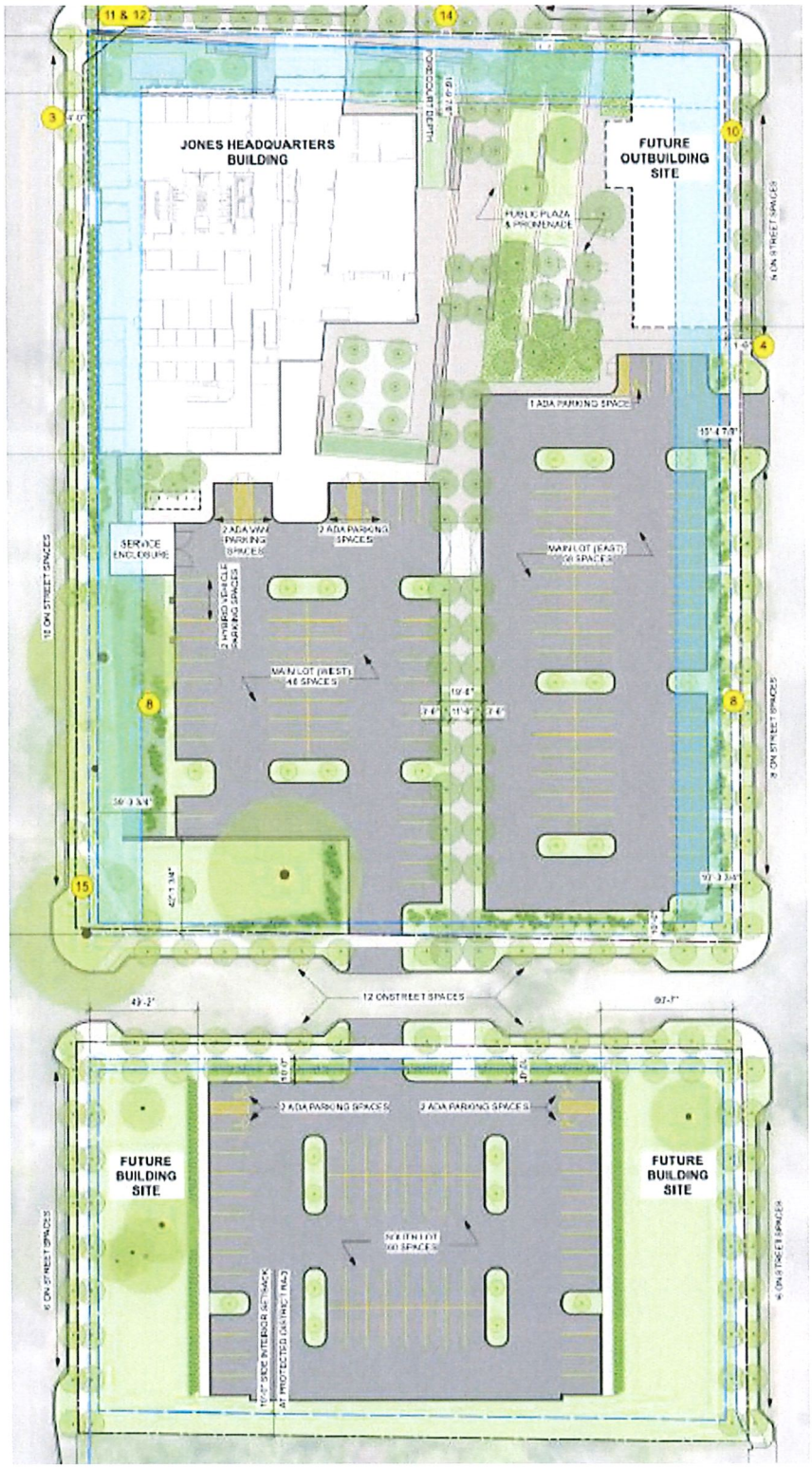
In connection with its headquarters relocation project, Jones Companies, LLC ("Jones") is requesting six variances from the requirements of the Midtown Hattiesburg Form-Based Code ("Form-Based Code"). The variances requested pertain to the requirements for (a) Build-to-Zone ("BTZ"), (b) parking spaces, (c) building height, and (d) activation. As demonstrated below, Jones submits that its project satisfies the variance requirements under the Form-Based Code and Land Development Code ("LDC") and requests that its requests be granted.

Build-to-Zone Variance Requests

Section 3.5.2 of the Form-Based Code contains the BTZ requirements for "General Buildings" and states that General Buildings on "primary streets" should be a minimum of 70% of lot width, while buildings on "side streets" should be a minimum of 35% of lot width. As reflected in the Conceptual Site Plan excerpted below, the Jones headquarters building would occupy 49.7% of the frontage on Chevy Chase Drive and 40% of the frontage on 31st Avenue (both primary streets)[1] and no frontage on 30th Avenue or Lorraine Street (side streets). Accordingly, Jones is requesting

[1] The City amended the Form-Based Code to designate Chevy Chase Drive as a side street. However, the City is currently considering an amendment to reclassify Chevy Chase Drive as a primary street. For purposes of these variance requests, Jones assumes Chevy Chase Drive will be a primary street at the time construction begins.

a 20.3% BTZ variance for Chevy Chase Drive, a 30% variance for 31st Avenue, and a 35% variance for 30th Avenue/Lorraine Street.



Jones's requests for BTZ variances are fundamentally driven by the large lot size required for necessary parking, and the practical impossibility of constructing a headquarters building with frontage on all sides of the lot. The headquarters building will be 81,112± square feet. Under the Form-Based Code, this translates into a requirement for 325 parking spaces. Given the considerable parking requirements for this development, which Jones is attempting to alleviate through a variance request discussed below, and the economic infeasibility of constructing a parking garage, it is simply not possible to satisfy the BTZ requirements for this development without sacrificing further parking spaces. This is evident from simply viewing the Conceptual Site Plan. In order to cover more road frontage with its headquarters building, Jones would have to construct a one or two-story headquarters building, which would leave it without anywhere near adequate parking to meet its needs and the requirements of the Form-Based Code. Because the "lot" for purposes of the Form-Based Code is defined as the entire block bordered by Chevy Chase Drive, 30th Avenue, Lorraine Street, and 31st Avenue, it is simply not possible to construct a building large enough to satisfy the BTZ requirements.

Regarding Chevy Chase Drive specifically, a BTZ variance is additionally needed to provide space for the public plaza and promenade which will be an amenity to Midtown as a tree-shaded and accessible public space. Jones believes that it is important that the plaza/promenade have frontage along Chevy Chase Drive so that it is visible and accessible to patrons of the commercial/restaurant/hotel establishments just north of Chevy Chase Drive. Additionally, as the Conceptual Site Plan indicates, Jones envisions a future outbuilding site being located on the corner of Chevy Chase Drive and 30th Avenue. The outbuilding site as depicted occupies 14.6% of the frontage along Chevy Chase Drive, which, together with the headquarters building, brings the total BTZ to roughly 65%. The future outbuilding site would also occupy 30% of the frontage along 30th Avenue – nearly satisfying the BTZ requirements for 30th Avenue. Additionally, while Jones considered providing for greater frontage along 31st Avenue, doing so would require Jones to cut down large, live oak canopy trees, which Jones viewed as undesirable and inconsistent with the goals reflected in the Form-Based Code and Midtown Master Plan.

Without these BTZ variances, Jones is simply unable to make reasonable use of the property for its intended purpose, and a literal interpretation of the Code would deprive Jones of rights commonly enjoyed by other businesses in the Midtown District, which, unlike Jones, have been able to avoid this type of BTZ challenge through shared parking. As a large office use with considerable parking needs and requirements, the BTZ requirements pose a unique hardship to Jones that is not shared by other commercial establishments in the immediate area. This hardship was not caused by Jones, but instead results from its size and square footage needs as an office building. Further, granting Jones a variance would not confer any special privilege on Jones. Jones is simply asking that it be allowed to construct its headquarters building in a way that strikes a reasonable balance between the Form-Based Code's competing BTZ and parking requirements. Jones submits that its effort to provide for open space and preserve existing green space is fully consistent with the provisions and purposes of the Form-Based Code and the Midtown Master Plan.

Parking Spaces

As already discussed, there is a necessary tradeoff between BTZ and parking requirements under the Form-Based Code as applied to this development. Any increase in BTZ results in a decrease in parking spaces and/or green space. City officials have informed Jones that, under the Form-Based Code, an 81,112 square foot office building is required to have 325 parking spaces, absent a variance. On the Conceptual Site Plan above, the North Main Lot will have 106 spaces, the South Lot will have 60 spaces, and there will be 111 spaces for on-street parking (277 total spaces), though Ms. Lowrey has notified us that only 226 of these spaces will be considered or purposes of compliance with the Form-Based Code's parking requirements. Accordingly, Jones is requesting a variance of 99 spaces, or however many spaces are needed to accommodate its plans as set forth above. Jones has determined that these plans are sufficient for the current needs of its employees and customers and believes this number strikes a reasonable balance between the competing demands for BTZ and parking. Jones submits that the same factors and reasons supporting issuance of the BTZ variances likewise support its request for a parking variance.

Building Height

Section 3.5.3 of the Form-Based Code provides a maximum average building height of 60 feet for MX-4 property. While the average roof elevation for the headquarters building is 60 feet, the central portion of the building has a roof elevation of 70 feet to accommodate smoke evacuation fans as required by the International Building Code. The Form-Based Code recognizes that certain structures, such as vent fans, may exceed the maximum allowed height by up to 6 feet. However, in this particular case, the fan would exceed the maximum height by 10 feet. Granting this variance would not confer any special privilege or commercial advantage on Jones, but instead is needed solely for code safety issues. Indeed, most other business establishments in the immediate area lack the size and occupancy levels to require smoke evacuation fans. Accordingly, Jones is requesting a small variance to accommodate the smoke evacuation fans.

Activation

Section 3.5.2 of the Form-Based Code contains the activation requirements for General Buildings and states that ground stories should have a minimum transparency of 40%. Jones is requesting a reduction of the ground story transparency from 40% to 30% along 31st Avenue only. This request is needed due to the existing grade being higher in elevation than the other sides of the building. The finish along 31st Avenue is 3 feet below the grade of the sidewalk, and therefore, reduces the available wall area. This grade differential was not caused by Jones, and a literal application of the Form-Based Code requiring Jones to correct this issue would create an undue hardship.

EXHIBIT 1

Conceptual Site Plan

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5.3 (A) which states the Building height maximum is 60' and instead allow 65' (average) for a variance of 5' for the average building height maximum for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to Approve on April 6, 2022.**
File Number: 2022-268
Minute Book #

Summary
Jones Midtown Headquarters - Building Height variance on Chevy Chase Drive

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

SUBJECT PARCEL:

Midtown Variances for Jones Company Headquarters

Reed Nelson, Representative, Midtown Montevista LLC, Owner

The petitioners are requesting multiple variances for the proposed development of the Jones Companies Headquarters





Variance Requests:

C. A variance from Article 3, Section 3.5.2 (F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width on Chevy Chase Drive for a variance of 20.3%** lot width for property located on Chevy Chase Drive.

D. A variance from Article 3, Section 3.5.2(F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30%** lot width for property located on Chevy Chase Drive.

E. A variance from Article 3, Section 3.5.2(H) which states a **Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street** for a variance from the requirement for property located on Chevy Chase Drive.

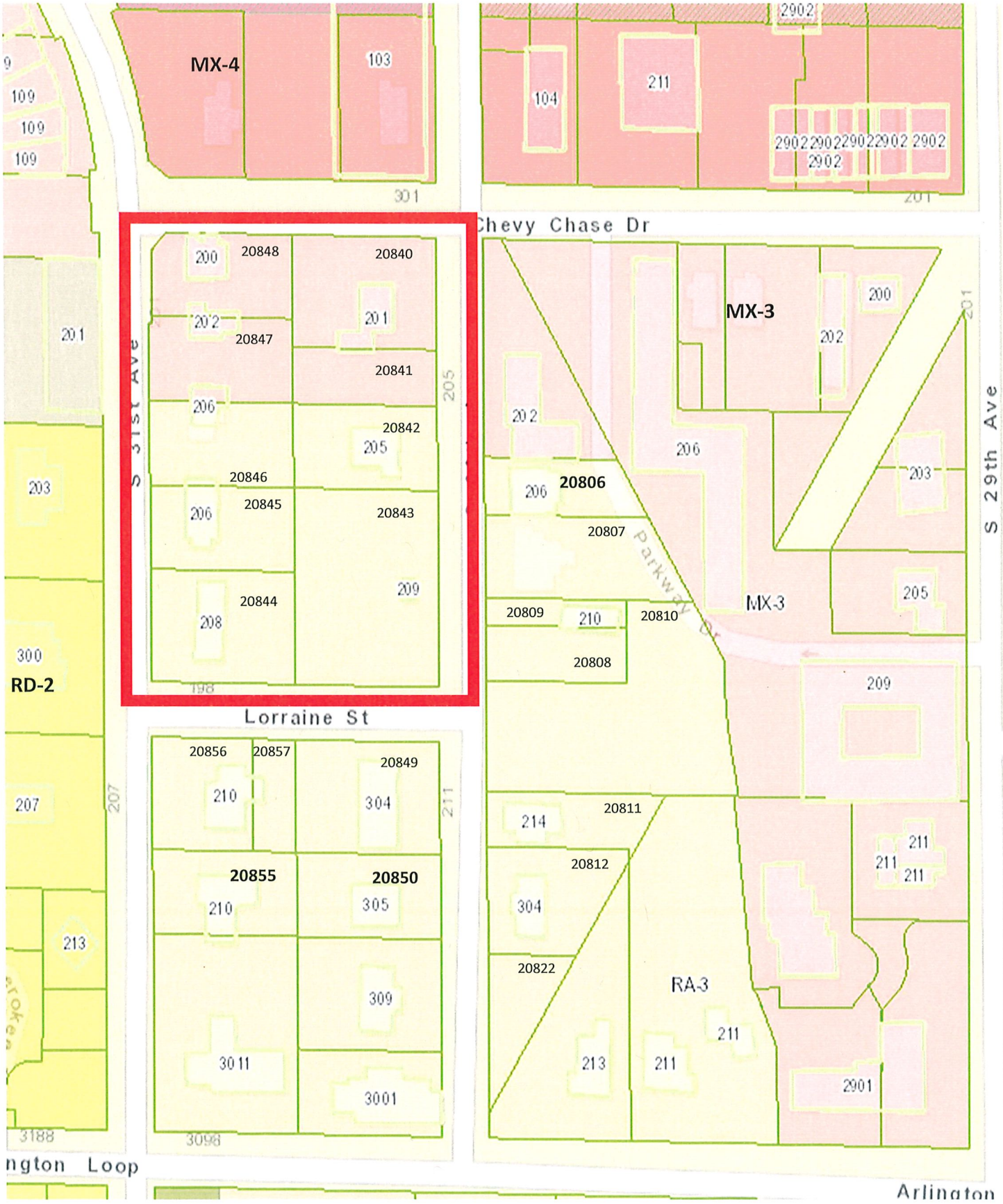
F. A variance from Article 5, Section 5.1.B. which requires the proposed development to **provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31%** reduction for property located on Chevy Chase Drive

G. A variance from Article 3, Section 3.5.3 (A) which states the **Building height maximum is 60' and instead allow 65' (average) for a variance of 5'** for the average building height maximum for property located on Chevy Chase Drive.

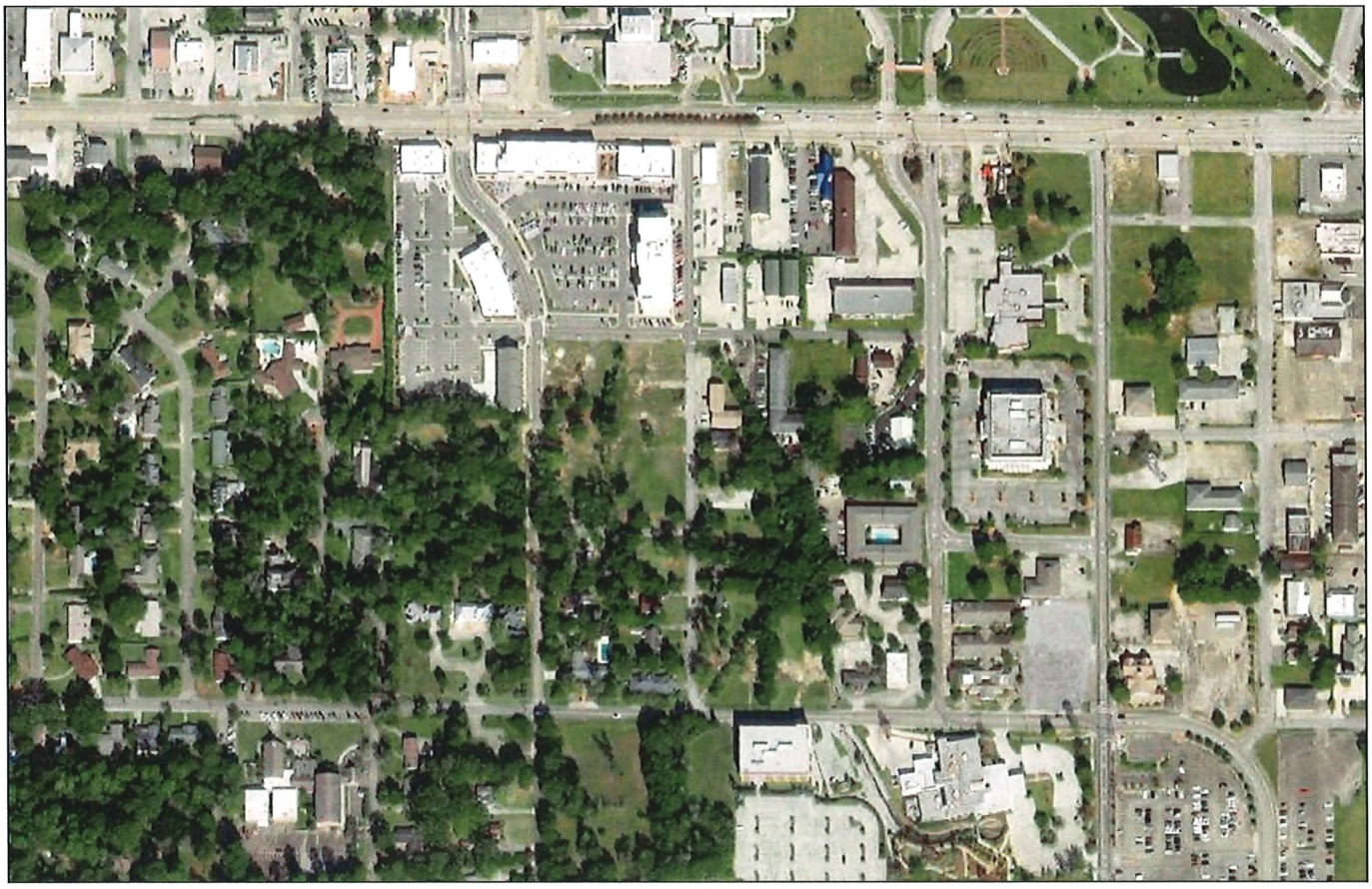
H. A variance from Article 3, Section 3.5 4. Transparency (A) which states the **minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10%** on S. 30th Avenue for property located on Chevy Chase Drive.

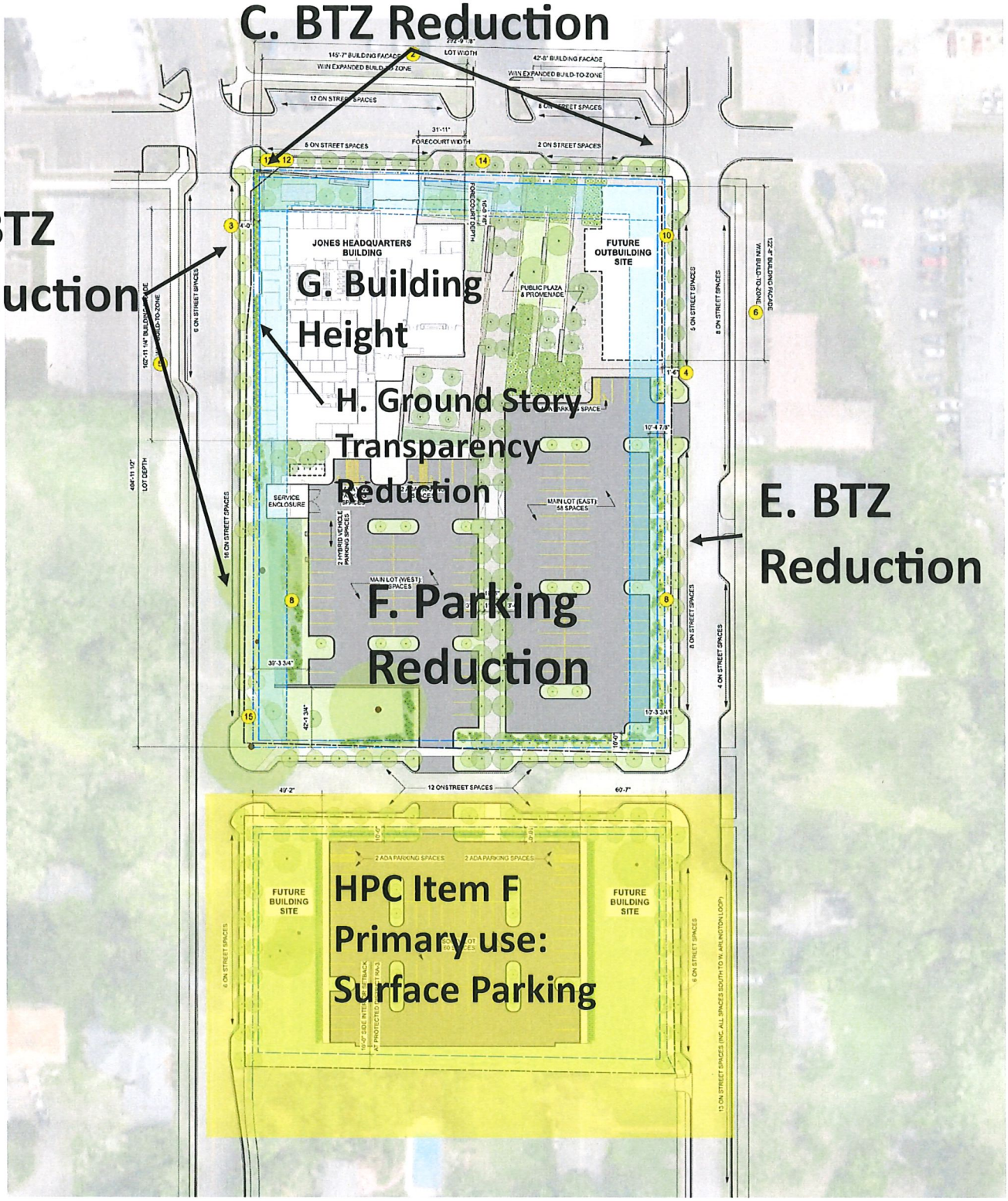
Parcels List: (PPIN 20848 Parcel 2-028N-07-075.00, PPIN 20847 Parcel 2-028N-07-074.00, PPIN 20846 Parcel 2-028N-07-073.00, PPIN 20845 Parcel 2-028N-07-072.00, PPIN 20844 Parcel 2-028N-07-071.00, PPIN 20843 Parcel 2-028N-07-062.00, PPIN 20842 Parcel 2-028N-07-061.00, PPIN 20841 Parcel 2-028N-07-060.00, PPIN 20840 Parcel 2-028N-07-059.00, Ward 3).

Subject Area for Variance Requests



Site Aerial





LEGEND & NOTES

(##) REFER TO VARIANCE REQUEST WRITTEN MEMO FOR DESCRIPTION AND CODE REFERENCE

- PROPERTY LINE
- MIDTOWN STREETS (BY OTHERS)
- RIGHT-OF-WAY
- SETBACK
- BUILD-TO-ZONE
- BUILD-TO ZONE W/ 20% INCREASE AT CHEVY CHASE DR. ONLY (1)
- JONES HEADQUARTERS OFFICE
- OUTPARCEL BUILDING SITE & APPROXIMATE FOOTPRINT
- ASPHALT PARKING LOT (7)
- INTERIOR ISLAND: 321.7 SQFT, TYP (9)
- UNIT PAVING (BRICK, OR SIM.)
- CIP CONCRETE PAVING
- STONEDUST PAVING
- LAWN
- PLANTING BEDS
- BIKE RACKS (SHORT TERM PARKING): 6 SPACES TOTAL; ALL RACKS DOUBLE SIDED WITH MIN. 2' X 6' CLEARANCE FOR BIKES
- BIKE SHELTER (LONG TERM PARKING): 12 SPACES TOTAL
- PRECAST CONCRETE WALLS & BENCHES
- PRECAST CONCRETE STEPS
- CIP CONCRETE WALLS
- PARKING LOT LIGHT FIXTURE: POLE MOUNTED LUMINAIRE
- PROPOSED CANOPY TREE - LARGE
- PROPOSED CANOPY TREE - MEDIUM (13)
- PROPOSED CANOPY TREE - SMALL (ALL TREES TO BE 3" CALIPER & 10'-0" MIN. HEIGHT AT TIME OF PLANTING)
- PERIMETER SHRUB SCREENING (18" MIN. HEIGHT AT TIME OF PLANTING)
- EXISTING CANOPY TREE

REED+HILDERBRAND

JONES COMPANIES HEADQUARTERS
HATTIESBURG, MISSISSIPPI

CONCEPTUAL SITE PLAN
CITY PRE-APPROVAL & VARIANCE REQUEST

0 30'

MARCH 2, 2022

SUBJECT PROPERTIES

Vacant Parcel South of Chevy Chase Drive





Subject property facing north from Lorraine St



Vacant Parcel on S 30th Ave



S 31st Ave Streetscape

SURROUNDING AREA

Current View of Midtown Mixed-Use Area





Streetscape of N 31st Ave



Midtown Townhomes on S 31st Ave



Indigo Hotel on S 30th Ave

Surrounding Area

206 Chevy Chase Drive—Apartment Complex





202 S 30th Ave—Apartment Complex



Streetscape at corner of S 30th and Chevy Chase Drive



309 S 30th Ave

SURROUNDING AREA

S 30th Streetscape View





3011 Arlington Loop



South 31st Streetscape



South 31st Streetscape (facing West)

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
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	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

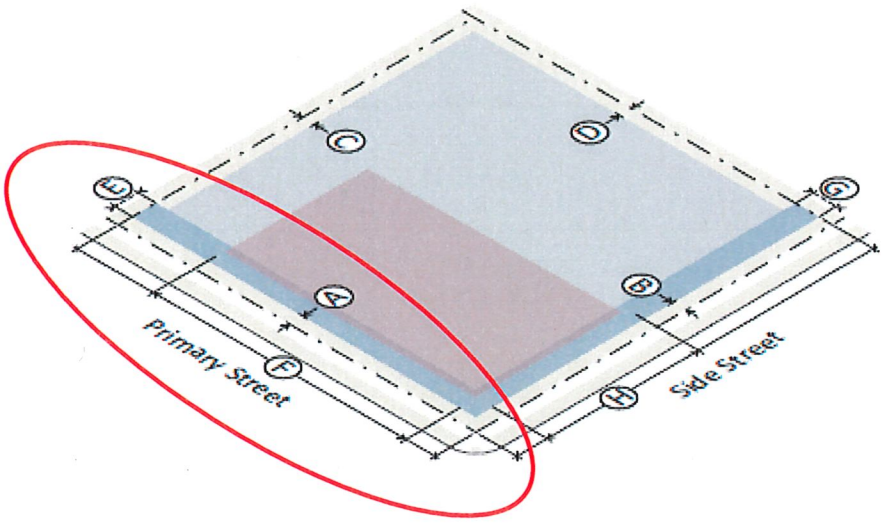
Purpose of Request: To consider a variance from Article 3, Section 3.5.2 (F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width for a variance of 20.3% lot width for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

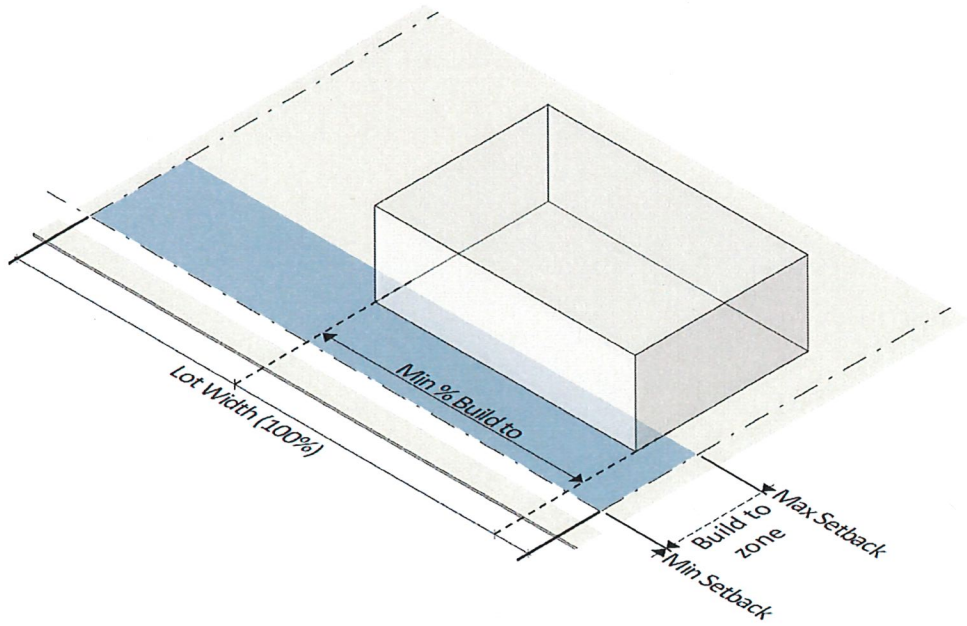
Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
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	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

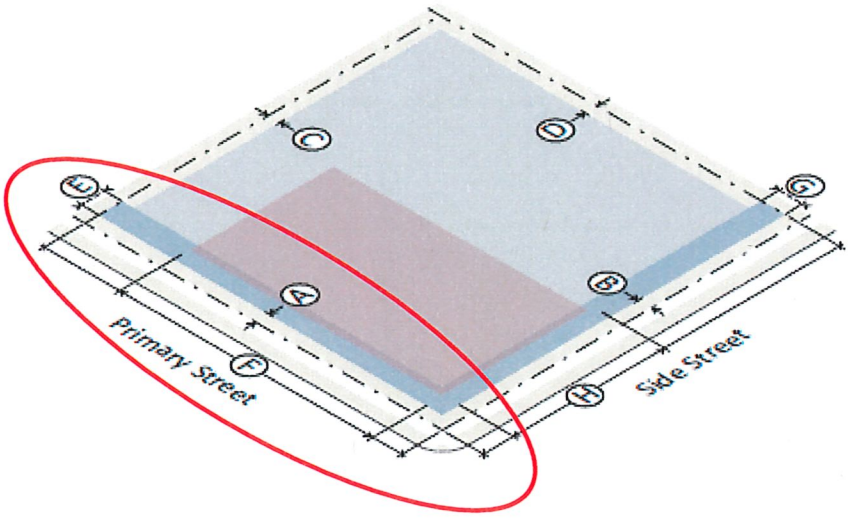
Purpose of Request: To consider a variance from Article 3, Section 3.5.2(F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30% lot width for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

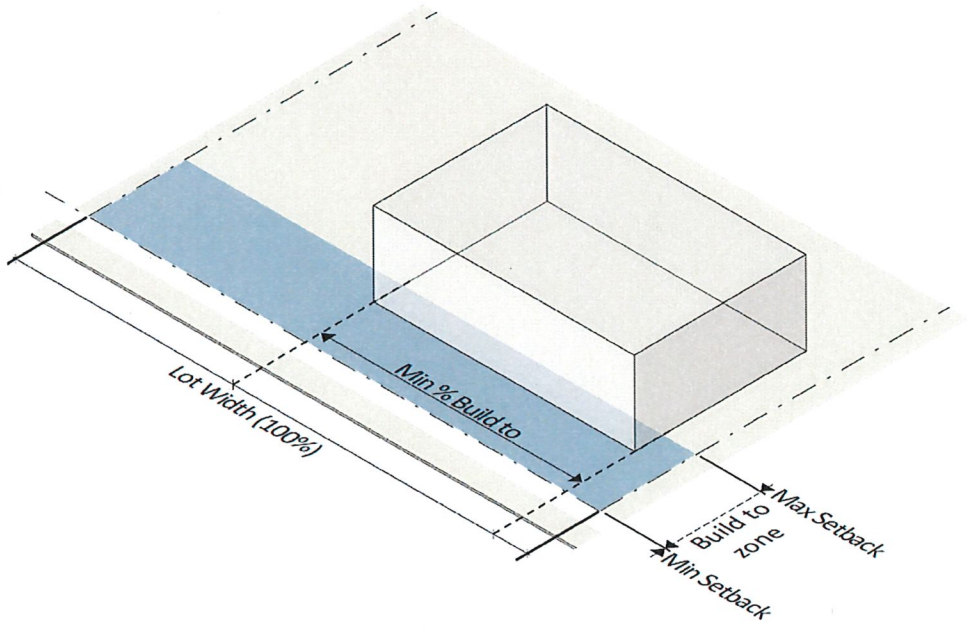
Item: D
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: D
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

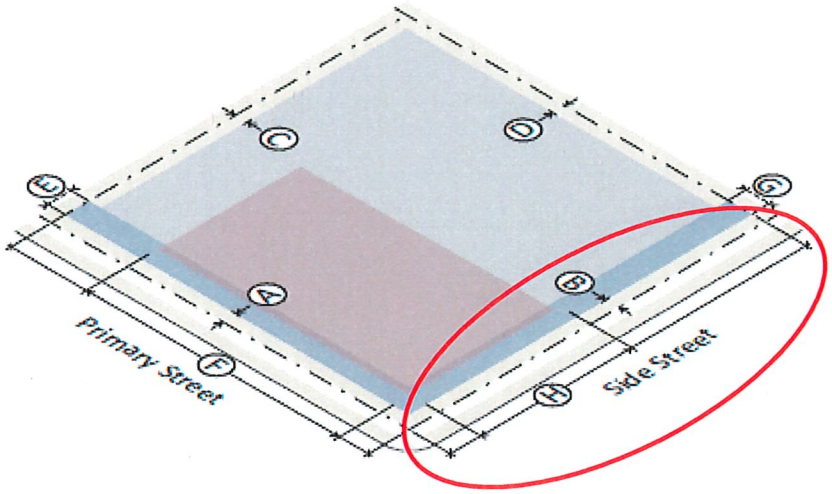
Purpose of Request: To consider a variance from Article 3, Section 3.5.2(H) which states a Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street for a variance from the requirement for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

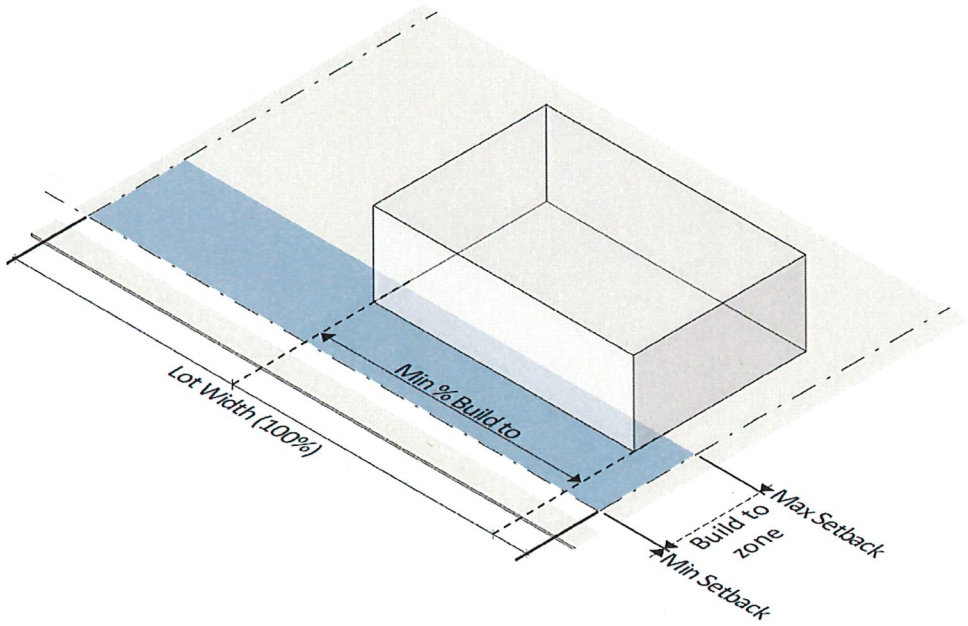
Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a certain portion of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (35% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
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	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 5, Section 5.1.B. which requires the proposed development to provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31% reduction for property located on Chevy Chase Drive .

Applicant Summary: See Attached

Applicable Regulations:

Article 5 **Site Development (Pg 54)**
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated:

The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The applicant is seeking a 31% reduction in parking. They believe they have adequate parking available for the proposed development. Jones headquarter office building is 81,112 sq. ft. 325 parking spaces would be required for that size office building. They are providing 106 surface parking spaces on the northern lot, 60 parking surface spaces on the southern lot (Conditional Use approval from Planning Commission pending) and are permitted to account for 60 on-street spaces for a total of 226 spaces provided (69.5% of the required 325 of spaces). The applicant rounded the percentage to 31% to accommodate unforeseen design adjustments.

"We expect the total number of spaces thus provided will accommodate the projected employee headcount at an average rate of 80% daily attendance. We also believe that there is currently a surplus of parking in the blocks north of the development and that the addition of extraneous parking on this parcel would be detrimental to the long-term character of Midtown"

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would

deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
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	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5.3 (A) which states the Building height maximum is 60' and instead allow 65' (average) for a variance of 5' for the average building height maximum for property located on Chevy Chase Drive.

Applicant Summary: See Attached

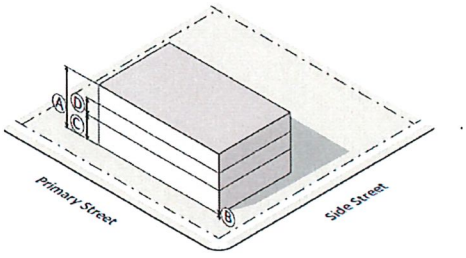
Applicable Regulations:

Article 5

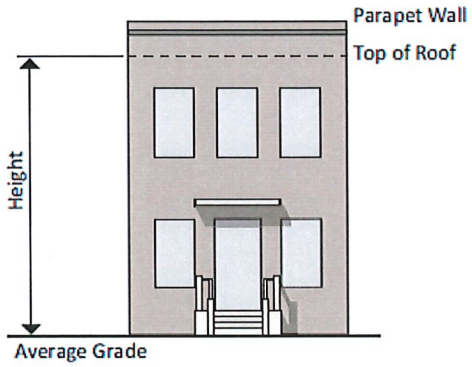
Site Development (Pg 54)
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

3.17 H. Building Height, I. Height Encroachments & J. Ground Floor Elevation *(see for details on meathods of measurement)*

3. Height



Flat Roof



Building Height	
Ⓐ Building height (max)	
EM-2	2 stories/35'
MX-3, EM-3	3 stories/45'
MX-4, EM-4	4 stories/60'
MX-5	5 stories/75'
EM-6	6 stories/90'
EM-9	9 stories/135'
Reduced height may be required when abutting a protected district (see *Sec. 3.17.O*)	
Story Height	
Ⓑ Ground floor elevation	0'
Ⓒ Ground story height, floor to ceiling (min)	11'
Ⓓ Upper story height, floor to ceiling (min)	9'

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background: The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site.

The proposed building has pedestrian entrances facing both the street and a public plaza.

"Jones requests an increase of the average allowable height to 65'-0". While the average roof elevation is 60'-0" A.F.F., the central portion for the building has a roof elevation of 70'-0" to accommodate smoke evacuation fans as required by the International Building Code. The average roof elevation of the building is currently 63'-0" A.F.F."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
	2-028N-07-071.00	20844	
	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5 4. Transparency (A) which states the minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10% on S. 30th Avenue for property located on Chevy Chase Drive.

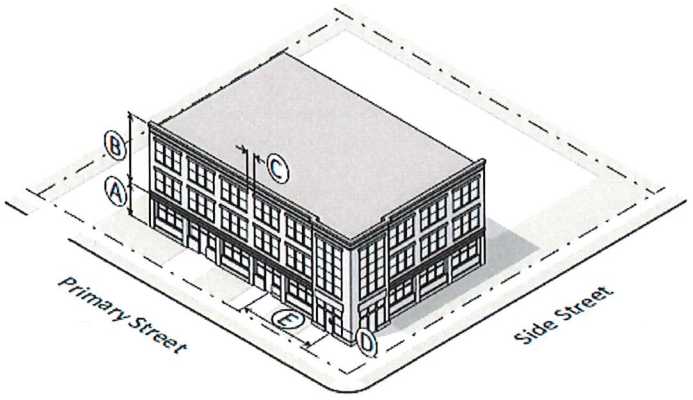
Applicant Summary: See Attached

Applicable Regulations:

Article 3

Sec. 3.16. Building Elements
L. Transparency
1. The minimum percentage of windows and doors that must cover a ground story facade is measured between 2 and 12 feet above the abutting sidewalk.
2. The minimum percentage of windows and doors that must cover an upper story facade is measured from the top of the finished floor to the top of the finished floor above. When there is no floor above, upper story transparency is measured from the top of the finished floor to the top of the wall plate.

4. Activation





Transparency		
Ⓐ	Ground story (min)	40%
Ⓑ	Upper story (min)	20%
Ⓒ	Blank wall area (max)	35'

3. Transparency applies to primary and side street facing facades only.
4. Glass is considered transparent where it has a transparency higher than 80% and external reflectance of less than 15%.
5. Windows cannot be made opaque by window treatments (except operable sunscreen devices within the conditioned space).

Definition — **Transparency** means the total area of window and door opening filled with glass, expressed as a percentage of the total facade area by story (see also Sec. 3.17.L).

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:
North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other

written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

Due to grade changes and the requirement to place the building close to the existing street, the first floor will be slightly lower than typical on the S. 31st Ave. side. Therefore, to keep the same rhythm of glazing at the primary entrance on Chevy Chase Drive, the applicant is unable to reach he full 40% required transparency.

"Jones requests a reduction of the Ground Story transparency from 40% to 30% along 31st Avenue. This request is needed due to the existing grade being higher in elevation than the other sides of the building. Our finish floor along 31st Avenue is 3'-0" below the grade of the sidewalk and reduces the available wall area. The current windows and wall ratios are attached and will be included in the permit plan submittal. We meet or exceed the transparency percentages on the Chevy Chase frontage."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

The following documents provided by Jones Company
in reference to the Midtown Montevista LLC variances
may be referenced for BOA Variance cases
C through H.

Variance Requests
Jones Companies, LLC Headquarters Relocation

Applicant/Owner: Jones Companies, LLC (applicant) and Midtown Montevista, LLC (real property owner).

Applicant/Owner Address: 16 Office Park Drive, Suite 10, Hattiesburg, MS 39402.

Applicant/Owner Representative: Reed Nelson (reed.nelson@jones.com; 601-633-6578).

Counsel Representing Applicant/Owner: William D. Drinkwater (wdrinkwater@brunini.com; 601-960-6849), Brunini, Grantham, Grower & Hewes, PLLC, P.O. Drawer 119, Jackson, Mississippi 39205.

Property Address: 306 Chevy Chase Drive, Hattiesburg, MS. 39401

Conceptual Site Plan: See **Exhibit 1**.

Variance Requests	
Section	**Variance**
3.5.2(F)	20.3% variance (BTZ) (Chevy Chase)
3.5.2(F)	30% variance (BTZ) (31st Avenue)
3.5.2(H)	35% variance (BTZ) (30th Avenue)
5.1.B	Parking Spaces
3.5.3(A)	Building Height (5-foot variance)
3.5.4	Activation (10% variance for 31st Avenue)

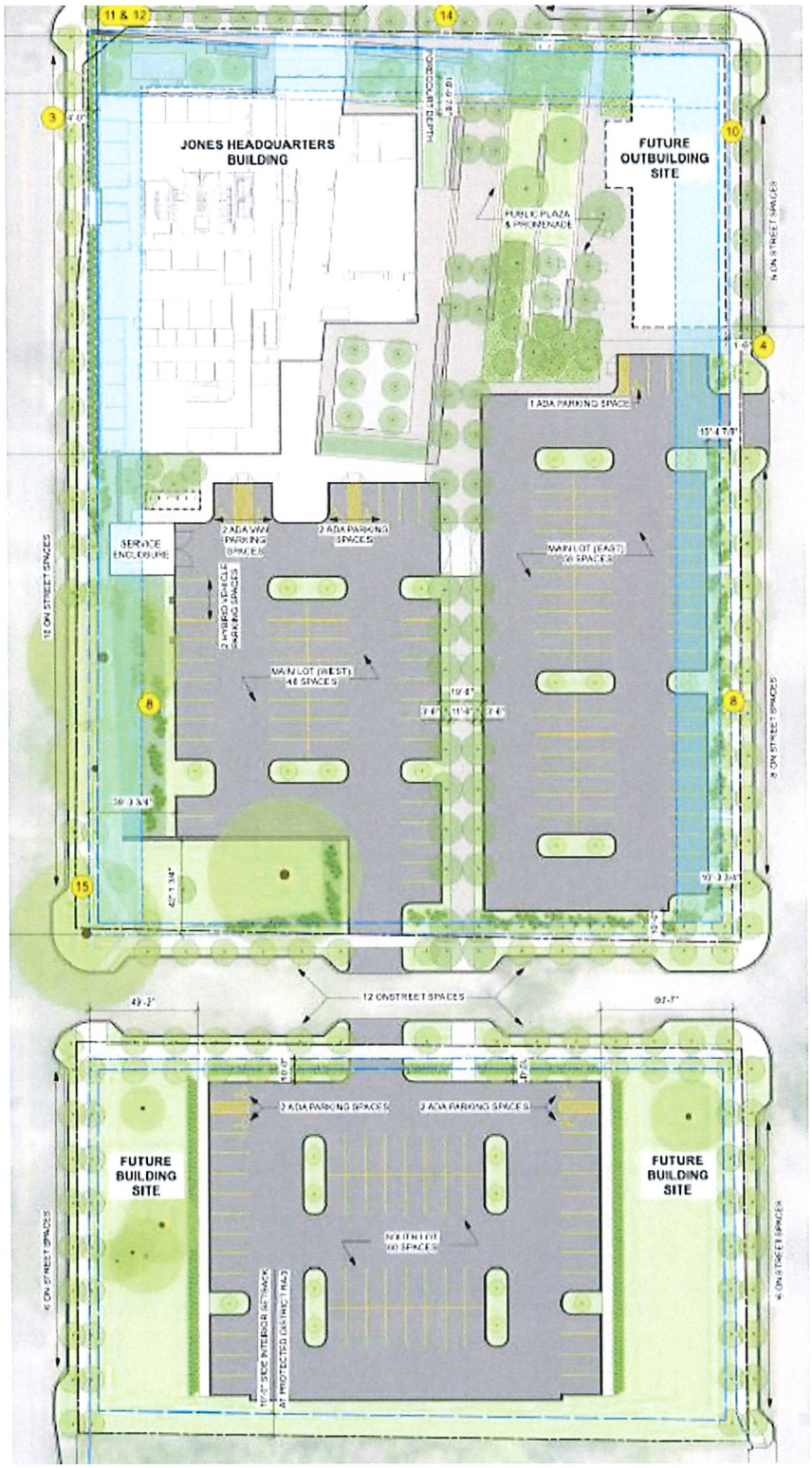
In connection with its headquarters relocation project, Jones Companies, LLC ("Jones") is requesting six variances from the requirements of the Midtown Hattiesburg Form-Based Code ("Form-Based Code"). The variances requested pertain to the requirements for (a) Build-to-Zone ("BTZ"), (b) parking spaces, (c) building height, and (d) activation. As demonstrated below, Jones submits that its project satisfies the variance requirements under the Form-Based Code and Land Development Code ("LDC") and requests that its requests be granted.

Build-to-Zone Variance Requests

Section 3.5.2 of the Form-Based Code contains the BTZ requirements for "General Buildings" and states that General Buildings on "primary streets" should be a minimum of 70% of lot width, while buildings on "side streets" should be a minimum of 35% of lot width. As reflected in the Conceptual Site Plan excerpted below, the Jones headquarters building would occupy 49.7% of the frontage on Chevy Chase Drive and 40% of the frontage on 31st Avenue (both primary streets)[1] and no frontage on 30th Avenue or Lorraine Street (side streets). Accordingly, Jones is requesting

[1] The City amended the Form-Based Code to designate Chevy Chase Drive as a side street. However, the City is currently considering an amendment to reclassify Chevy Chase Drive as a primary street. For purposes of these variance requests, Jones assumes Chevy Chase Drive will be a primary street at the time construction begins.

a 20.3% BTZ variance for Chevy Chase Drive, a 30% variance for 31st Avenue, and a 35% variance for 30th Avenue/Lorraine Street.



Jones's requests for BTZ variances are fundamentally driven by the large lot size required for necessary parking, and the practical impossibility of constructing a headquarters building with frontage on all sides of the lot. The headquarters building will be 81,112± square feet. Under the Form-Based Code, this translates into a requirement for 325 parking spaces. Given the considerable parking requirements for this development, which Jones is attempting to alleviate through a variance request discussed below, and the economic infeasibility of constructing a parking garage, it is simply not possible to satisfy the BTZ requirements for this development without sacrificing further parking spaces. This is evident from simply viewing the Conceptual Site Plan. In order to cover more road frontage with its headquarters building, Jones would have to construct a one or two-story headquarters building, which would leave it without anywhere near adequate parking to meet its needs and the requirements of the Form-Based Code. Because the "lot" for purposes of the Form-Based Code is defined as the entire block bordered by Chevy Chase Drive, 30th Avenue, Lorraine Street, and 31st Avenue, it is simply not possible to construct a building large enough to satisfy the BTZ requirements.

Regarding Chevy Chase Drive specifically, a BTZ variance is additionally needed to provide space for the public plaza and promenade which will be an amenity to Midtown as a tree-shaded and accessible public space. Jones believes that it is important that the plaza/promenade have frontage along Chevy Chase Drive so that it is visible and accessible to patrons of the commercial/restaurant/hotel establishments just north of Chevy Chase Drive. Additionally, as the Conceptual Site Plan indicates, Jones envisions a future outbuilding site being located on the corner of Chevy Chase Drive and 30th Avenue. The outbuilding site as depicted occupies 14.6% of the frontage along Chevy Chase Drive, which, together with the headquarters building, brings the total BTZ to roughly 65%. The future outbuilding site would also occupy 30% of the frontage along 30th Avenue – nearly satisfying the BTZ requirements for 30th Avenue. Additionally, while Jones considered providing for greater frontage along 31st Avenue, doing so would require Jones to cut down large, live oak canopy trees, which Jones viewed as undesirable and inconsistent with the goals reflected in the Form-Based Code and Midtown Master Plan.

Without these BTZ variances, Jones is simply unable to make reasonable use of the property for its intended purpose, and a literal interpretation of the Code would deprive Jones of rights commonly enjoyed by other businesses in the Midtown District, which, unlike Jones, have been able to avoid this type of BTZ challenge through shared parking. As a large office use with considerable parking needs and requirements, the BTZ requirements pose a unique hardship to Jones that is not shared by other commercial establishments in the immediate area. This hardship was not caused by Jones, but instead results from its size and square footage needs as an office building. Further, granting Jones a variance would not confer any special privilege on Jones. Jones is simply asking that it be allowed to construct its headquarters building in a way that strikes a reasonable balance between the Form-Based Code's competing BTZ and parking requirements. Jones submits that its effort to provide for open space and preserve existing green space is fully consistent with the provisions and purposes of the Form-Based Code and the Midtown Master Plan.

Parking Spaces

As already discussed, there is a necessary tradeoff between BTZ and parking requirements under the Form-Based Code as applied to this development. Any increase in BTZ results in a decrease in parking spaces and/or green space. City officials have informed Jones that, under the Form-Based Code, an 81,112 square foot office building is required to have 325 parking spaces, absent a variance. On the Conceptual Site Plan above, the North Main Lot will have 106 spaces, the South Lot will have 60 spaces, and there will be 111 spaces for on-street parking (277 total spaces), though Ms. Lowrey has notified us that only 226 of these spaces will be considered or purposes of compliance with the Form-Based Code's parking requirements. Accordingly, Jones is requesting a variance of 99 spaces, or however many spaces are needed to accommodate its plans as set forth above. Jones has determined that these plans are sufficient for the current needs of its employees and customers and believes this number strikes a reasonable balance between the competing demands for BTZ and parking. Jones submits that the same factors and reasons supporting issuance of the BTZ variances likewise support its request for a parking variance.

Building Height

Section 3.5.3 of the Form-Based Code provides a maximum average building height of 60 feet for MX-4 property. While the average roof elevation for the headquarters building is 60 feet, the central portion of the building has a roof elevation of 70 feet to accommodate smoke evacuation fans as required by the International Building Code. The Form-Based Code recognizes that certain structures, such as vent fans, may exceed the maximum allowed height by up to 6 feet. However, in this particular case, the fan would exceed the maximum height by 10 feet. Granting this variance would not confer any special privilege or commercial advantage on Jones, but instead is needed solely for code safety issues. Indeed, most other business establishments in the immediate area lack the size and occupancy levels to require smoke evacuation fans. Accordingly, Jones is requesting a small variance to accommodate the smoke evacuation fans.

Activation

Section 3.5.2 of the Form-Based Code contains the activation requirements for General Buildings and states that ground stories should have a minimum transparency of 40%. Jones is requesting a reduction of the ground story transparency from 40% to 30% along 31st Avenue only. This request is needed due to the existing grade being higher in elevation than the other sides of the building. The finish along 31st Avenue is 3 feet below the grade of the sidewalk, and therefore, reduces the available wall area. This grade differential was not caused by Jones, and a literal application of the Form-Based Code requiring Jones to correct this issue would create an undue hardship.

EXHIBIT 1

Conceptual Site Plan

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve or Deny the petition filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, to request a variance from Article 3, Section 3.5 4. Transparency (A) of 10% on S. 30th Avenue for property located on Chevy Chase Drive (PPIN's 20848; 20847; 20846; 20845; 20844; 20843; 20842; 20841; 20840; Ward 3). The Board of Adjustment recommended to Approve on April 6, 2022.**
File Number: 2022-269
Minute Book #

Summary
Jones Midtown Headquarters - Ground Floor Transparency variance on Chevy Chase Drive

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

SUBJECT PARCEL:

Midtown Variances for Jones Company Headquarters

Reed Nelson, Representative, Midtown Montevista LLC, Owner

The petitioners are requesting multiple variances for the proposed development of the Jones Companies Headquarters





Variance Requests:

C. A variance from Article 3, Section 3.5.2 (F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width on Chevy Chase Drive for a variance of 20.3%** lot width for property located on Chevy Chase Drive.

D. A variance from Article 3, Section 3.5.2(F) which states a **Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30%** lot width for property located on Chevy Chase Drive.

E. A variance from Article 3, Section 3.5.2(H) which states a **Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street** for a variance from the requirement for property located on Chevy Chase Drive.

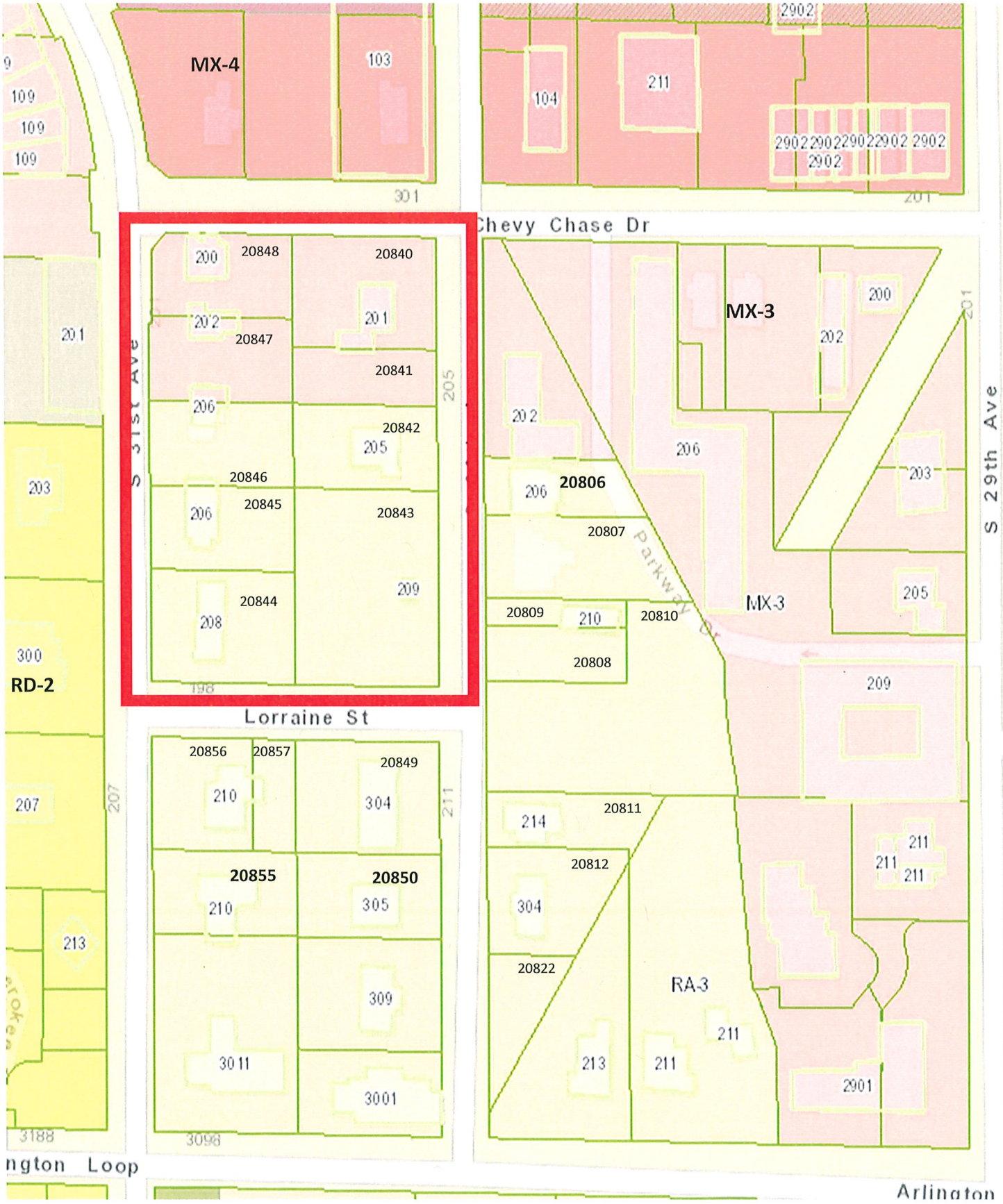
F. A variance from Article 5, Section 5.1.B. which requires the proposed development to **provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31%** reduction for property located on Chevy Chase Drive

G. A variance from Article 3, Section 3.5.3 (A) which states the **Building height maximum is 60' and instead allow 65' (average) for a variance of 5'** for the average building height maximum for property located on Chevy Chase Drive.

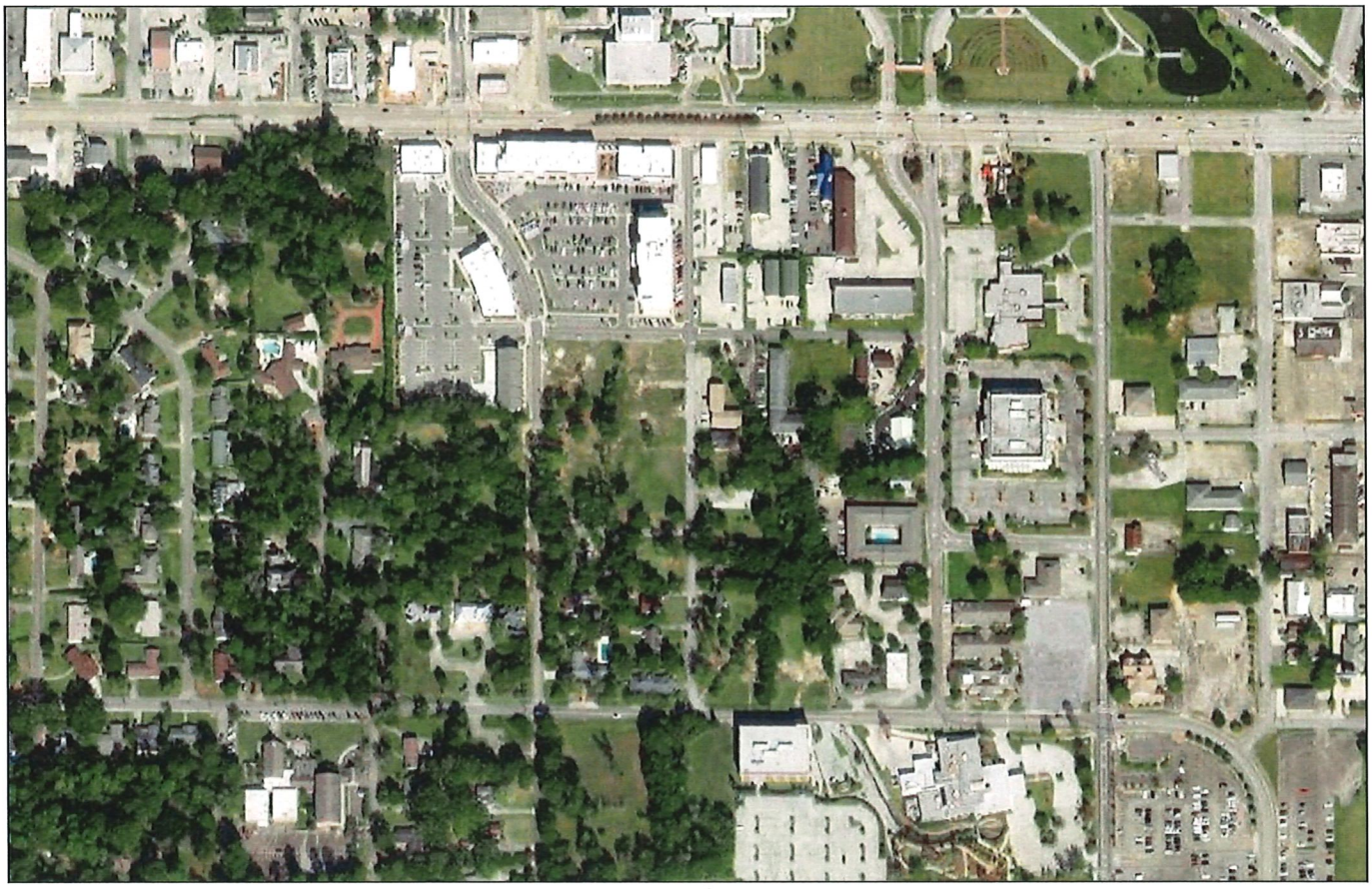
H. A variance from Article 3, Section 3.5 4. Transparency (A) which states the **minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10%** on S. 30th Avenue for property located on Chevy Chase Drive.

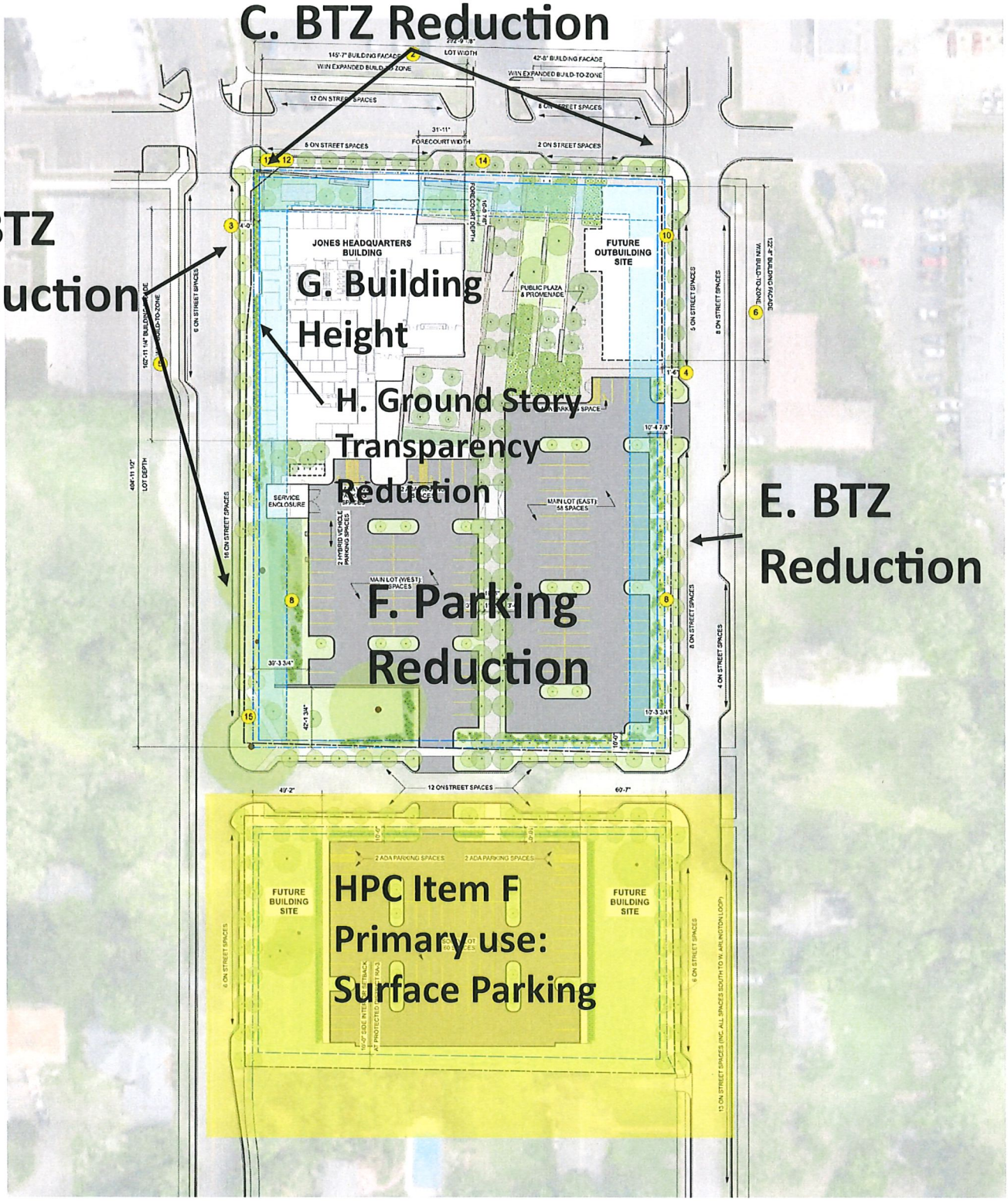
Parcels List: (PPIN 20848 Parcel 2-028N-07-075.00, PPIN 20847 Parcel 2-028N-07-074.00, PPIN 20846 Parcel 2-028N-07-073.00, PPIN 20845 Parcel 2-028N-07-072.00, PPIN 20844 Parcel 2-028N-07-071.00, PPIN 20843 Parcel 2-028N-07-062.00, PPIN 20842 Parcel 2-028N-07-061.00, PPIN 20841 Parcel 2-028N-07-060.00, PPIN 20840 Parcel 2-028N-07-059.00, Ward 3).

Subject Area for Variance Requests



Site Aerial





LEGEND & NOTES

(##) REFER TO VARIANCE REQUEST WRITTEN MEMO FOR DESCRIPTION AND CODE REFERENCE

- PROPERTY LINE
- MIDTOWN STREETS (BY OTHERS)
- RIGHT-OF-WAY
- SETBACK
- BUILD-TO-ZONE
- BUILD-TO ZONE W/ 20% INCREASE AT CHEVY CHASE DR. ONLY (1)
- JONES HEADQUARTERS OFFICE
- OUTPARCEL BUILDING SITE & APPROXIMATE FOOTPRINT
- ASPHALT PARKING LOT (7)
- INTERIOR ISLAND: 321.7 SQFT, TYP (9)
- UNIT PAVING (BRICK, OR SIM.)
- CIP CONCRETE PAVING
- STONEDUST PAVING
- LAWN
- PLANTING BEDS
- BIKE RACKS (SHORT TERM PARKING): 6 SPACES TOTAL; ALL RACKS DOUBLE SIDED WITH MIN. 2' X 6' CLEARANCE FOR BIKES
- BIKE SHELTER (LONG TERM PARKING): 12 SPACES TOTAL
- PRECAST CONCRETE WALLS & BENCHES
- PRECAST CONCRETE STEPS
- CIP CONCRETE WALLS
- PARKING LOT LIGHT FIXTURE: POLE MOUNTED LUMINAIRE
- PROPOSED CANOPY TREE - LARGE
- PROPOSED CANOPY TREE - MEDIUM (13)
- PROPOSED CANOPY TREE - SMALL (ALL TREES TO BE 3" CALIPER & 10'-0" MIN. HEIGHT AT TIME OF PLANTING)
- PERIMETER SHRUB SCREENING (18" MIN. HEIGHT AT TIME OF PLANTING)
- EXISTING CANOPY TREE

REED+HILDERBRAND

JONES COMPANIES HEADQUARTERS
HATTIESBURG, MISSISSIPPI

CONCEPTUAL SITE PLAN
CITY PRE-APPROVAL & VARIANCE REQUEST

0 30'

MARCH 2, 2022

SUBJECT PROPERTIES

Vacant Parcel South of Chevy Chase Drive





Subject property facing north from Lorraine St



Vacant Parcel on S 30th Ave



S 31st Ave Streetscape

SURROUNDING AREA

Current View of Midtown Mixed-Use Area





Streetscape of N 31st Ave



Midtown Townhomes on S 31st Ave



Indigo Hotel on S 30th Ave

Surrounding Area

206 Chevy Chase Drive—Apartment Complex





202 S 30th Ave—Apartment Complex



Streetscape at corner of S 30th and Chevy Chase Drive



309 S 30th Ave

SURROUNDING AREA

S 30th Streetscape View





3011 Arlington Loop



South 31st Streetscape



South 31st Streetscape (facing West)

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
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Request: **Perimeter Landscaping Variance**

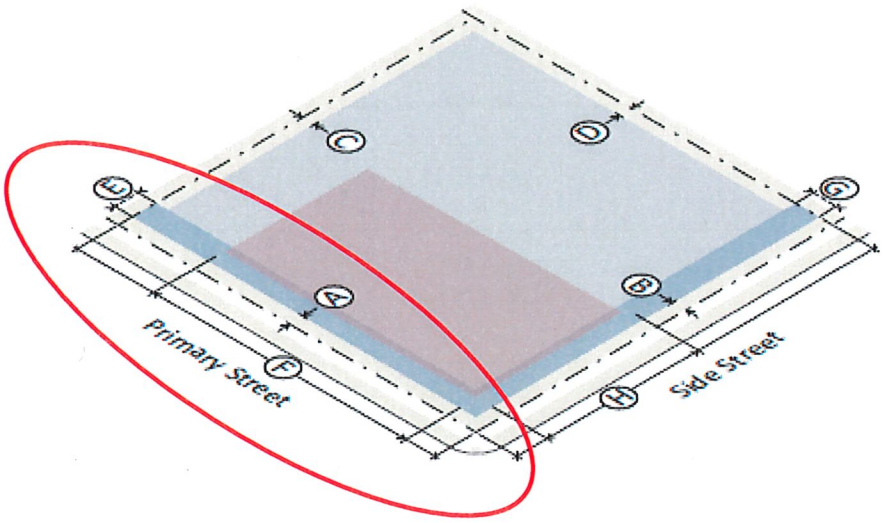
Purpose of Request: To consider a variance from Article 3, Section 3.5.2 (F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width for a variance of 20.3% lot width for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

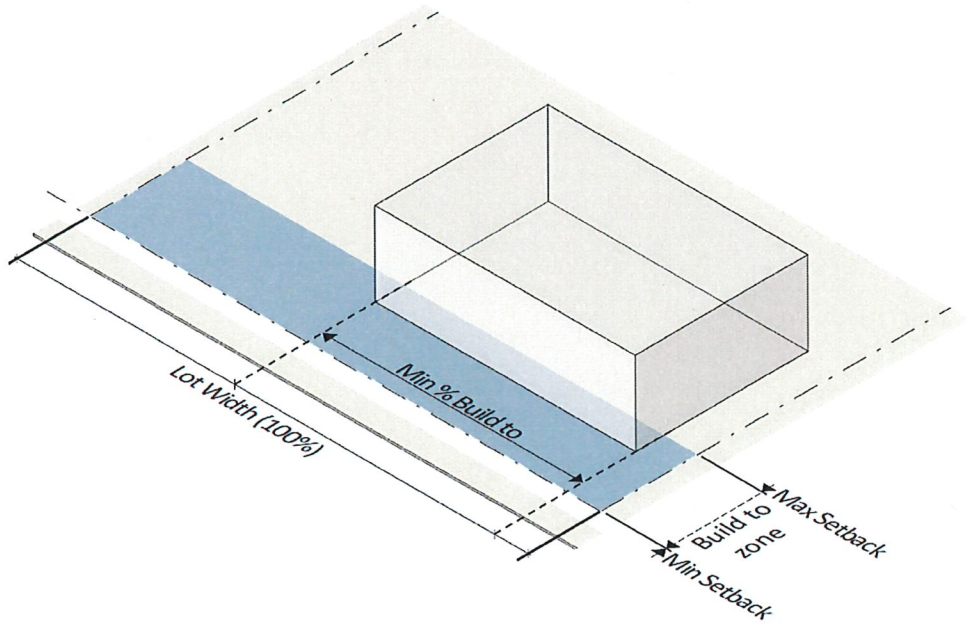
Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: C
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (Chevy Chase) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
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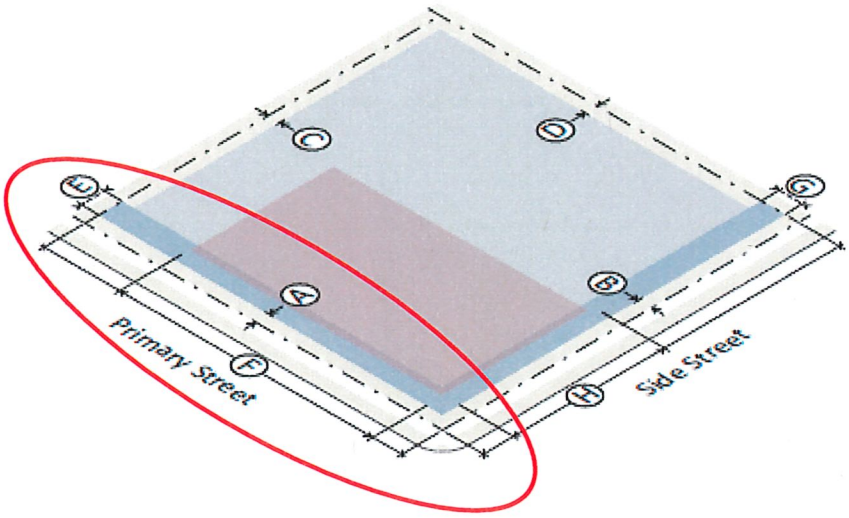
Purpose of Request: To consider a variance from Article 3, Section 3.5.2(F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30% lot width for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
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Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

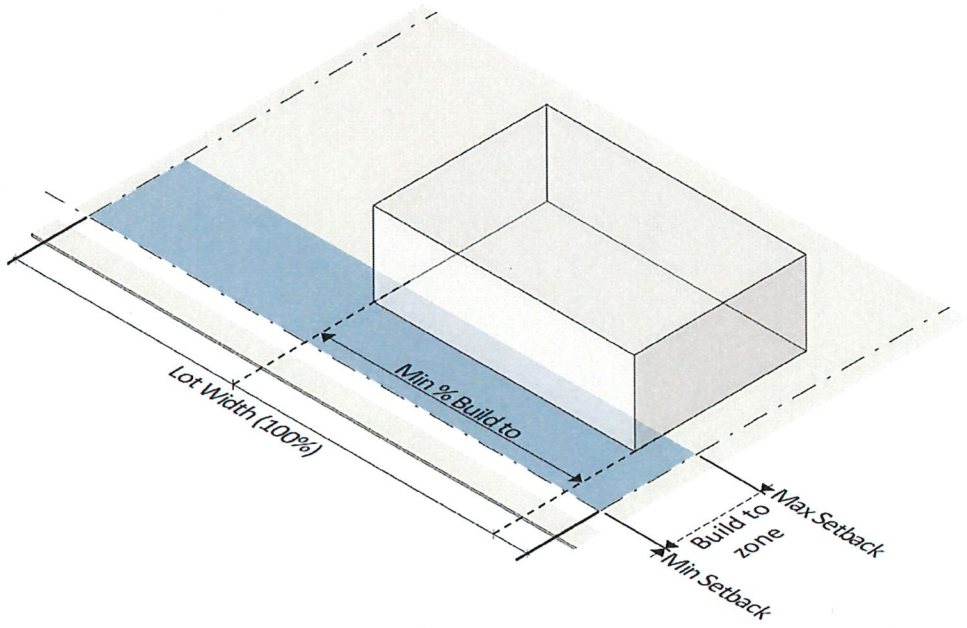
Item: D
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: D
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a primary street (S. 31st Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a majority of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (70% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
	2-028N-07-074.00	20847	
	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
	2-028N-07-071.00	20844	
	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

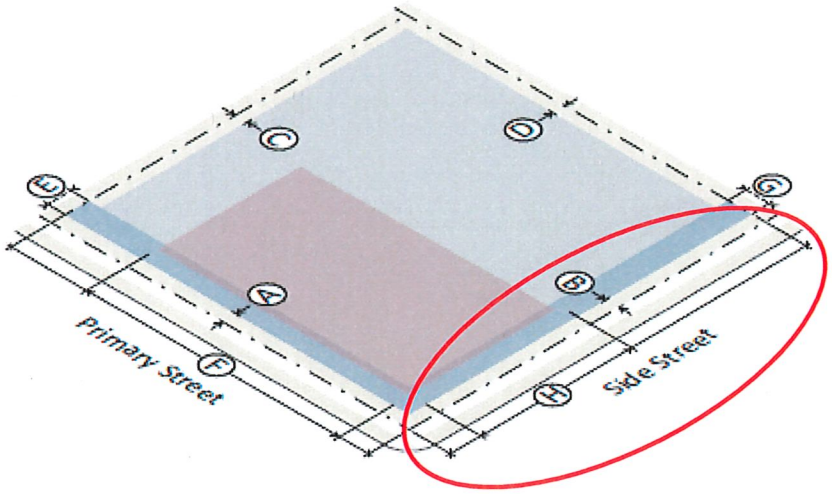
Purpose of Request: To consider a variance from Article 3, Section 3.5.2(H) which states a Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street for a variance from the requirement for property located on Chevy Chase Drive.

Applicant Summary: See Attached

Applicable Regulations:

Article 3 **Building Types 3.5 General Building (Pg 16)**

2. Placement



Building Setbacks		
Ⓐ	Primary street (min)	5'
Ⓑ	Side street (min)	5'
Ⓒ	Side interior (min)	0' or 5'
Ⓒ	Side interior, abutting protected district, RA-3 or RD-2 (min)	10'
Ⓓ	Rear (min)	0' or 5'
Ⓓ	Rear, abutting protected district, RA-3 or RD-2 (min)	20'
Ⓓ	Abutting alley (min)	5'
Build-to Zone (BTZ)		
Ⓔ	Primary street (min/max)	5' to 20'
Ⓕ	Building in primary street BTZ (min % of lot width)	70%
Ⓖ	Side street (min/max)	5' to 20'
Ⓗ	Building in side street BTZ (min % of lot width)	35%
Parking Location		
Ⓘ	On-site parking not allowed between the building and the street	

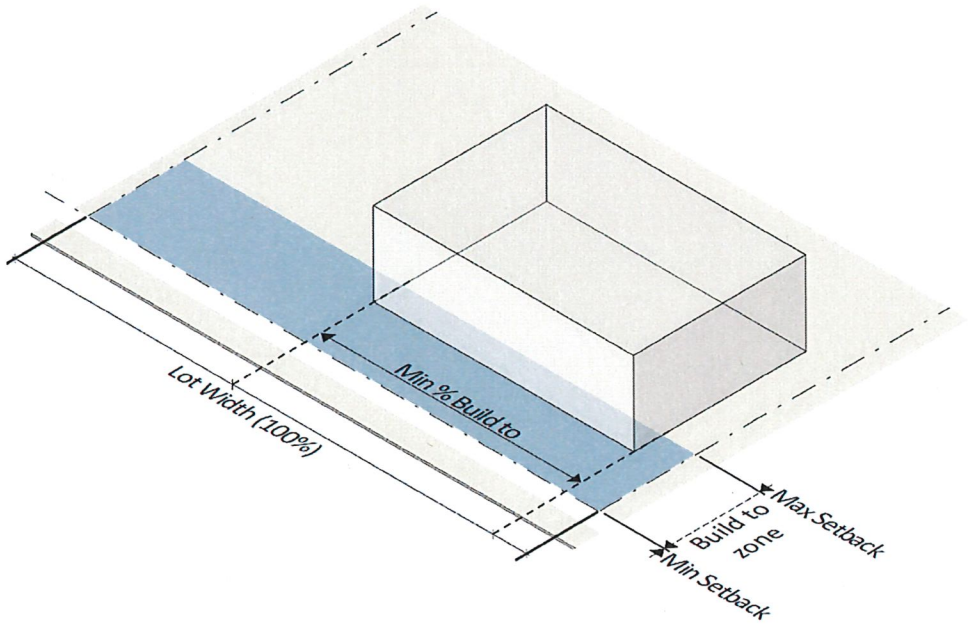
Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

3.17. G. Build-to Zone

1. Defined

a. The build-to zone is the area on the lot where a certain percentage of the front building facade must be located, measured as a minimum and maximum setback range from the edge of the right-of-way.

b. The required percentage specifies the amount of the front building facade that must be located in the build-to zone, measured based on the width of the building divided by the width of the lot.



Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

Item: E
Reed Nelson, Representative, Midtown Montevista LLC, Owner
Request for: **Build-to Zone on a side street (S. 30th Ave) Variance**

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The Midtown Form-Based-Code guides buildings to take up a certain portion of the street to create a robust street and pedestrian environment. This space is called the "build-to-zone" (BTZ) and provides a measurement of where the front of a building is sited and how much space it takes up (35% in this case) in order to achieve the desired environment. See the referenced sections of the Midtown FBC above. The applicant is seeking a variance from the BTZ measurement for this development.

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
Chevy Chase Drive	2-028N-07-075.00	20848	3
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 5, Section 5.1.B. which requires the proposed development to provide 325 parking spaces and instead allow 226 parking spaces for a variance of 99 or 31% reduction for property located on Chevy Chase Drive .

Applicant Summary: See Attached

Applicable Regulations:

Article 5 **Site Development (Pg 54)**
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated:

The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

The applicant is seeking a 31% reduction in parking. They believe they have adequate parking available for the proposed development. Jones headquarter office building is 81,112 sq. ft. 325 parking spaces would be required for that size office building. They are providing 106 surface parking spaces on the northern lot, 60 parking surface spaces on the southern lot (Conditional Use approval from Planning Commission pending) and are permitted to account for 60 on-street spaces for a total of 226 spaces provided (69.5% of the required 325 of spaces). The applicant rounded the percentage to 31% to accommodate unforeseen design adjustments.

"We expect the total number of spaces thus provided will accommodate the projected employee headcount at an average rate of 80% daily attendance. We also believe that there is currently a surplus of parking in the blocks north of the development and that the addition of extraneous parking on this parcel would be detrimental to the long-term character of Midtown"

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would

deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
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	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5.3 (A) which states the Building height maximum is 60' and instead allow 65' (average) for a variance of 5' for the average building height maximum for property located on Chevy Chase Drive.

Applicant Summary: See Attached

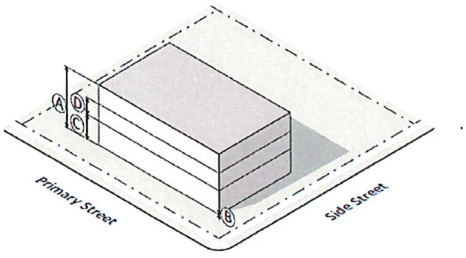
Applicable Regulations:

Article 5

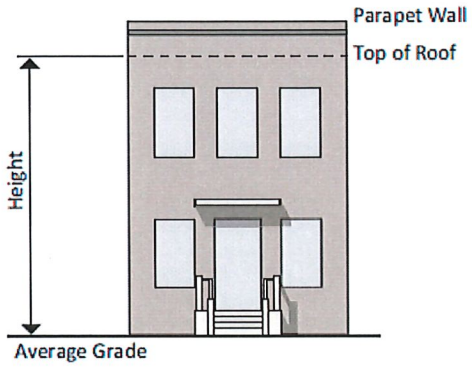
Site Development (Pg 54)
5.1.B Vehicle Parking
Office Use: 1 per 250 square feet of gross floor area.

3.17 H. Building Height, I. Height Encroachments & J. Ground Floor Elevation *(see for details on meathods of measurement)*

3. Height



Flat Roof



Building Height	
Ⓐ Building height (max)	
EM-2	2 stories/35'
MX-3, EM-3	3 stories/45'
MX-4, EM-4	4 stories/60'
MX-5	5 stories/75'
EM-6	6 stories/90'
EM-9	9 stories/135'
Reduced height may be required when abutting a protected district (see *Sec. 3.17.O*)	
Story Height	
Ⓑ Ground floor elevation	0'
Ⓒ Ground story height, floor to ceiling (min)	11'
Ⓓ Upper story height, floor to ceiling (min)	9'

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:

North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of March 22, 2022.

History / Background: The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site.

The proposed building has pedestrian entrances facing both the street and a public plaza.

"Jones requests an increase of the average allowable height to 65'-0". While the average roof elevation is 60'-0" A.F.F., the central portion for the building has a roof elevation of 70'-0" to accommodate smoke evacuation fans as required by the International Building Code. The average roof elevation of the building is currently 63'-0" A.F.F."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Board of Adjustment
Case Fact Sheet

Name of Petitioners: Reed Nelson, Representative, Midtown Montevista LLC, Owner

Address of Property:	**Tax Parcel**	**PPIN:**	**Ward:**
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	2-028N-07-073.00	20846	
	2-028N-07-072.00	20845	
	2-028N-07-071.00	20844	
	2-028N-07-062.00	20843	
	2-028N-07-061.00	20842	
	2-028N-07-060.00	20841	
	2-028N-07-059.00	20840	

Request: **Perimeter Landscaping Variance**

Purpose of Request: To consider a variance from Article 3, Section 3.5 4. Transparency (A) which states the minimum Ground story transparency is 40% and instead allow a transparency of 30% on S. 31st Avenue for a variance of 10% on S. 30th Avenue for property located on Chevy Chase Drive.

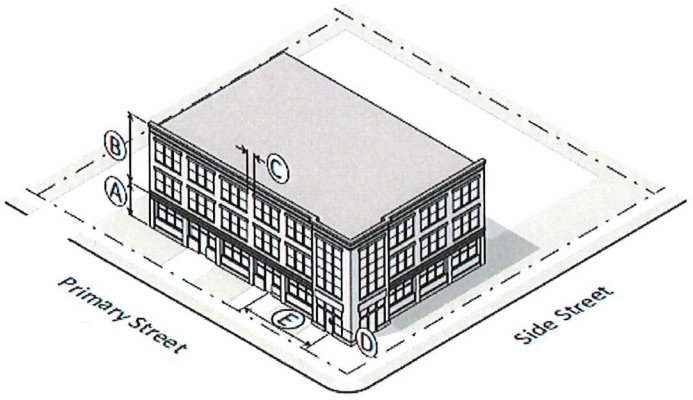
Applicant Summary: See Attached

Applicable Regulations:

Article 3

Sec. 3.16. Building Elements
L. Transparency
1. The minimum percentage of windows and doors that must cover a ground story facade is measured between 2 and 12 feet above the abutting sidewalk.
2. The minimum percentage of windows and doors that must cover an upper story facade is measured from the top of the finished floor to the top of the finished floor above. When there is no floor above, upper story transparency is measured from the top of the finished floor to the top of the wall plate.

4. Activation





Transparency		
Ⓐ	Ground story (min)	40%
Ⓑ	Upper story (min)	20%
Ⓒ	Blank wall area (max)	35'

3. Transparency applies to primary and side street facing facades only.
4. Glass is considered transparent where it has a transparency higher than 80% and external reflectance of less than 15%.
5. Windows cannot be made opaque by window treatments (except operable sunscreen devices within the conditioned space).

Definition — **Transparency** means the total area of window and door opening filled with glass, expressed as a percentage of the total facade area by story (see also Sec. 3.17.L).

Present Zoning: MX-3 & MX-4 (Mixed Use Districts)

Present Use: Vacant

Future Land Use: Neighborhood Center Mixed-Use District

Surrounding Zoning: and Land Use:
North: MX-4 (Mixed Use Districts)
South: RA-3 (Residential Attached District)
East: MX-3 (Mixed Use Districts)
West: RD-2 (Residential Detached District)

Letters or Concerns stated: The Planning Division Office has not received any letters or other

written communications relative to this case as of March 22, 2022.

History / Background:

The applicant seeks to develop a headquarter office building for Jones Company LLC. The development will include a 4-story office building, public plaza, surface parking, and space for another development at the northeastern corner of the site as shown in an included site plan. The proposed site design features the headquarter building placed at the northwestern corner of the site. The proposed building has pedestrian entrances facing both the street and a public plaza.

Due to grade changes and the requirement to place the building close to the existing street, the first floor will be slightly lower than typical on the S. 31st Ave. side. Therefore, to keep the same rhythm of glazing at the primary entrance on Chevy Chase Drive, the applicant is unable to reach he full 40% required transparency.

"Jones requests a reduction of the Ground Story transparency from 40% to 30% along 31st Avenue. This request is needed due to the existing grade being higher in elevation than the other sides of the building. Our finish floor along 31st Avenue is 3'-0" below the grade of the sidewalk and reduces the available wall area. The current windows and wall ratios are attached and will be included in the permit plan submittal. We meet or exceed the transparency percentages on the Chevy Chase frontage."

Basis for Approval (12.4.1.1):

I. Hardship.
- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

The following documents provided by Jones Company
in reference to the Midtown Montevista LLC variances
may be referenced for BOA Variance cases
C through H.

Variance Requests
Jones Companies, LLC Headquarters Relocation

Applicant/Owner: Jones Companies, LLC (applicant) and Midtown Montevista, LLC (real property owner).

Applicant/Owner Address: 16 Office Park Drive, Suite 10, Hattiesburg, MS 39402.

Applicant/Owner Representative: Reed Nelson (reed.nelson@jones.com; 601-633-6578).

Counsel Representing Applicant/Owner: William D. Drinkwater (wdrinkwater@brunini.com; 601-960-6849), Brunini, Grantham, Grower & Hewes, PLLC, P.O. Drawer 119, Jackson, Mississippi 39205.

Property Address: 306 Chevy Chase Drive, Hattiesburg, MS. 39401

Conceptual Site Plan: See **Exhibit 1**.

Variance Requests	
Section	**Variance**
3.5.2(F)	20.3% variance (BTZ) (Chevy Chase)
3.5.2(F)	30% variance (BTZ) (31st Avenue)
3.5.2(H)	35% variance (BTZ) (30th Avenue)
5.1.B	Parking Spaces
3.5.3(A)	Building Height (5-foot variance)
3.5.4	Activation (10% variance for 31st Avenue)

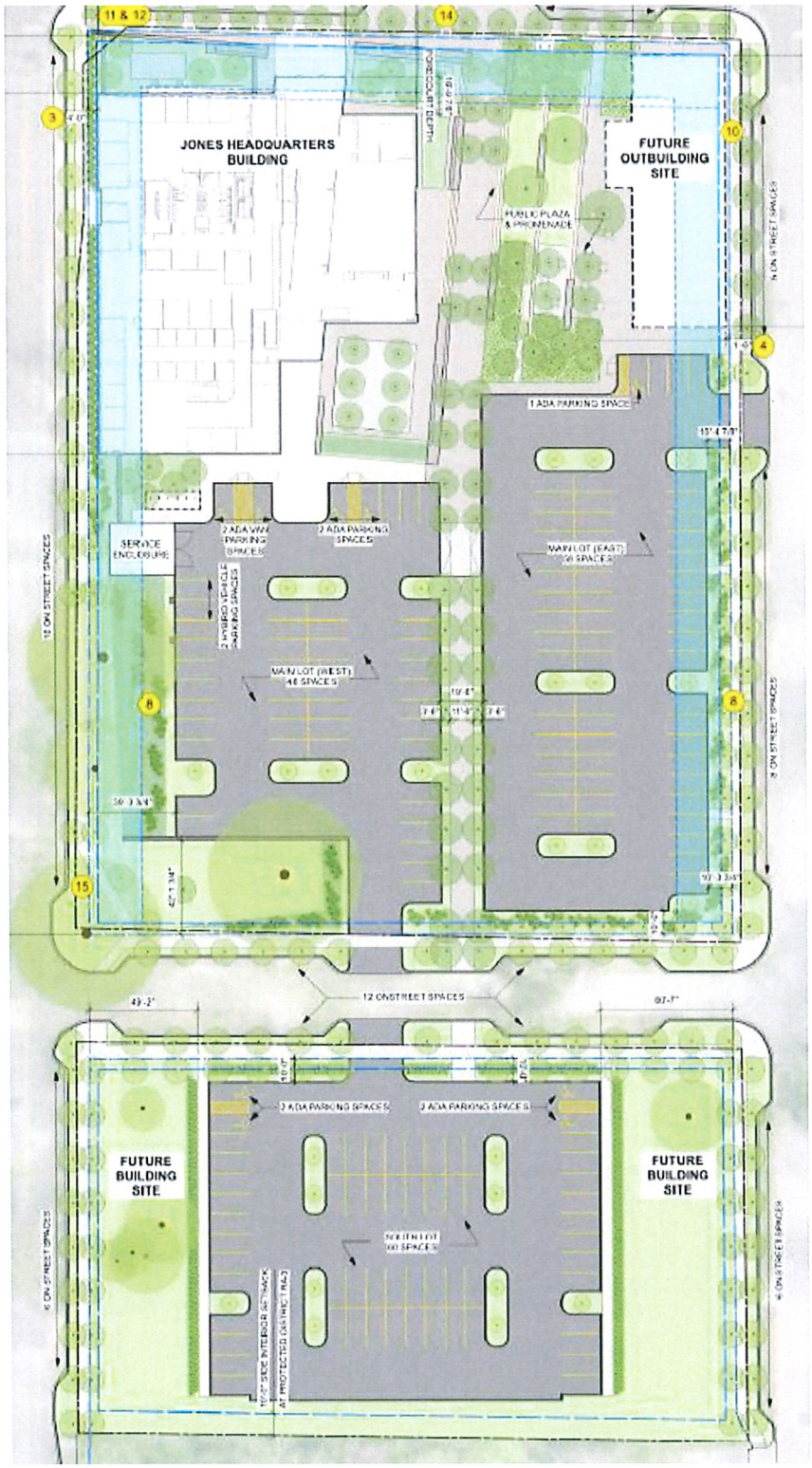
In connection with its headquarters relocation project, Jones Companies, LLC ("Jones") is requesting six variances from the requirements of the Midtown Hattiesburg Form-Based Code ("Form-Based Code"). The variances requested pertain to the requirements for (a) Build-to-Zone ("BTZ"), (b) parking spaces, (c) building height, and (d) activation. As demonstrated below, Jones submits that its project satisfies the variance requirements under the Form-Based Code and Land Development Code ("LDC") and requests that its requests be granted.

Build-to-Zone Variance Requests

Section 3.5.2 of the Form-Based Code contains the BTZ requirements for "General Buildings" and states that General Buildings on "primary streets" should be a minimum of 70% of lot width, while buildings on "side streets" should be a minimum of 35% of lot width. As reflected in the Conceptual Site Plan excerpted below, the Jones headquarters building would occupy 49.7% of the frontage on Chevy Chase Drive and 40% of the frontage on 31st Avenue (both primary streets)[1] and no frontage on 30th Avenue or Lorraine Street (side streets). Accordingly, Jones is requesting

[1] The City amended the Form-Based Code to designate Chevy Chase Drive as a side street. However, the City is currently considering an amendment to reclassify Chevy Chase Drive as a primary street. For purposes of these variance requests, Jones assumes Chevy Chase Drive will be a primary street at the time construction begins.

a 20.3% BTZ variance for Chevy Chase Drive, a 30% variance for 31st Avenue, and a 35% variance for 30th Avenue/Lorraine Street.



Jones's requests for BTZ variances are fundamentally driven by the large lot size required for necessary parking, and the practical impossibility of constructing a headquarters building with frontage on all sides of the lot. The headquarters building will be 81,112± square feet. Under the Form-Based Code, this translates into a requirement for 325 parking spaces. Given the considerable parking requirements for this development, which Jones is attempting to alleviate through a variance request discussed below, and the economic infeasibility of constructing a parking garage, it is simply not possible to satisfy the BTZ requirements for this development without sacrificing further parking spaces. This is evident from simply viewing the Conceptual Site Plan. In order to cover more road frontage with its headquarters building, Jones would have to construct a one or two-story headquarters building, which would leave it without anywhere near adequate parking to meet its needs and the requirements of the Form-Based Code. Because the "lot" for purposes of the Form-Based Code is defined as the entire block bordered by Chevy Chase Drive, 30th Avenue, Lorraine Street, and 31st Avenue, it is simply not possible to construct a building large enough to satisfy the BTZ requirements.

Regarding Chevy Chase Drive specifically, a BTZ variance is additionally needed to provide space for the public plaza and promenade which will be an amenity to Midtown as a tree-shaded and accessible public space. Jones believes that it is important that the plaza/promenade have frontage along Chevy Chase Drive so that it is visible and accessible to patrons of the commercial/restaurant/hotel establishments just north of Chevy Chase Drive. Additionally, as the Conceptual Site Plan indicates, Jones envisions a future outbuilding site being located on the corner of Chevy Chase Drive and 30th Avenue. The outbuilding site as depicted occupies 14.6% of the frontage along Chevy Chase Drive, which, together with the headquarters building, brings the total BTZ to roughly 65%. The future outbuilding site would also occupy 30% of the frontage along 30th Avenue – nearly satisfying the BTZ requirements for 30th Avenue. Additionally, while Jones considered providing for greater frontage along 31st Avenue, doing so would require Jones to cut down large, live oak canopy trees, which Jones viewed as undesirable and inconsistent with the goals reflected in the Form-Based Code and Midtown Master Plan.

Without these BTZ variances, Jones is simply unable to make reasonable use of the property for its intended purpose, and a literal interpretation of the Code would deprive Jones of rights commonly enjoyed by other businesses in the Midtown District, which, unlike Jones, have been able to avoid this type of BTZ challenge through shared parking. As a large office use with considerable parking needs and requirements, the BTZ requirements pose a unique hardship to Jones that is not shared by other commercial establishments in the immediate area. This hardship was not caused by Jones, but instead results from its size and square footage needs as an office building. Further, granting Jones a variance would not confer any special privilege on Jones. Jones is simply asking that it be allowed to construct its headquarters building in a way that strikes a reasonable balance between the Form-Based Code's competing BTZ and parking requirements. Jones submits that its effort to provide for open space and preserve existing green space is fully consistent with the provisions and purposes of the Form-Based Code and the Midtown Master Plan.

Parking Spaces

As already discussed, there is a necessary tradeoff between BTZ and parking requirements under the Form-Based Code as applied to this development. Any increase in BTZ results in a decrease in parking spaces and/or green space. City officials have informed Jones that, under the Form-Based Code, an 81,112 square foot office building is required to have 325 parking spaces, absent a variance. On the Conceptual Site Plan above, the North Main Lot will have 106 spaces, the South Lot will have 60 spaces, and there will be 111 spaces for on-street parking (277 total spaces), though Ms. Lowrey has notified us that only 226 of these spaces will be considered or purposes of compliance with the Form-Based Code's parking requirements. Accordingly, Jones is requesting a variance of 99 spaces, or however many spaces are needed to accommodate its plans as set forth above. Jones has determined that these plans are sufficient for the current needs of its employees and customers and believes this number strikes a reasonable balance between the competing demands for BTZ and parking. Jones submits that the same factors and reasons supporting issuance of the BTZ variances likewise support its request for a parking variance.

Building Height

Section 3.5.3 of the Form-Based Code provides a maximum average building height of 60 feet for MX-4 property. While the average roof elevation for the headquarters building is 60 feet, the central portion of the building has a roof elevation of 70 feet to accommodate smoke evacuation fans as required by the International Building Code. The Form-Based Code recognizes that certain structures, such as vent fans, may exceed the maximum allowed height by up to 6 feet. However, in this particular case, the fan would exceed the maximum height by 10 feet. Granting this variance would not confer any special privilege or commercial advantage on Jones, but instead is needed solely for code safety issues. Indeed, most other business establishments in the immediate area lack the size and occupancy levels to require smoke evacuation fans. Accordingly, Jones is requesting a small variance to accommodate the smoke evacuation fans.

Activation

Section 3.5.2 of the Form-Based Code contains the activation requirements for General Buildings and states that ground stories should have a minimum transparency of 40%. Jones is requesting a reduction of the ground story transparency from 40% to 30% along 31st Avenue only. This request is needed due to the existing grade being higher in elevation than the other sides of the building. The finish along 31st Avenue is 3 feet below the grade of the sidewalk, and therefore, reduces the available wall area. This grade differential was not caused by Jones, and a literal application of the Form-Based Code requiring Jones to correct this issue would create an undue hardship.

EXHIBIT 1

Conceptual Site Plan

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Lamar Rutland**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve Lighting Agreement with Mississippi Power Company for lighting changes on High Hills Drive for a monthly increase of $91.82, and authorize the Mayor to execute the same.**
File Number: 2022-270
Minute Book #

Summary
Approve Lighting Agreement with Mississippi Power Company for lighting changes on High Hills Drive for a monthly increase of $91.82, and authorize the Mayor to execute the same.

Recommendation Statement
I recommend approval of lighting agreement.

Please place this on the April 19, 2022 City Council meeting for consideration.

DATE: 3/16/22

RE: STREET LIGHT REQUEST AND AUTHORIZATION LETTER

FROM: CITY/TOWN OF Hattiesburg PHONE: _____

AUTHORIZED SIGNATURE _____ DATE: _____

DEVELOPER NAME _____ ACCOUNT # 598418200

DEVELOPER SIGNATURE _____ DATE: _____

DATE GOVERNMENTAL AUTHORITY TO TAKE OWNERSHIP OF PAYMENT: _____
Attach a plat for development.

TO: MISSISSIPPI POWER COMPANY, ATTN. :(MPC LIGHTING SERVICES) P.O. Box 4079,

Gulfport, MS 39502 or Email: (G2MPCLSVC@southernco.com)

DATE MAIL/EMAIL RECEIVED _____

INSTRUCTIONS: INSTALL STREET LIGHTS AS NOTED IN THE SCHEDULE BELOW. CONSIDER THIS YOUR AUTHORIZATION TO BILL THE NEW LIGHTS UNDER THE TERMS OF THE CURRENTLY APPLICABLE STREET LIGHT RATE (SL) AS APPROVED BY THE MISSISSIPPI PUBLIC SERVICE COMMISSION.

PLEASE TAKE NOTICE: By and through Developer's request and execution hereof, Developer acknowledges and agrees that any electric lighting service for outdoor lighting is subject to MPC's Rules Governing Electric Service and MPC's Outdoor Lighting Electric Rate Schedule (OL). Developer understands and agrees that OL provides for a three (3) year minimum term for lighting (other than special lighting) and Developer shall be liable to MPC for all service under the rate schedule until termination, provided however that Developer shall, in no event, be excused from liability for service during the applicable minimum term. MPC shall be entitled to pursue any and all available legal remedies in the event Developer, or Developer's successors or assigns, fails to make any and all payments as and when due during the term of service.

TYPE LIGHT	NUMBER TO INSTALL (I) NUMBER TO REMOVE (R)	LOCATION AND COMMENTS
COBRA HEAD FIXTURES		
100 WATT HPS		
150 WATT HPS		
250 WATT HPS		
400 WATT HPS		
1000 WATT HPS		
350 WATT MH		
LED FIXTURES		
90 WATT LED		
110 WATT LED		
190 WATT LED		
280 WATT LED		
OTHER FIXTURES		
50 watt colonial	I - 4	High Hills Dr
Alum pole	I - 4	Monthly $91.82

NOTE: FOR NON ROUTINE INSTALLATIONS REQUIRING POLES, UNDERGROUND WIRING OR OTHER SPECIAL CONDITIONS PLEASE CONTACT YOUR MARKET SPECIALIST AND SPECIFIC CONTRACTS WILL BE PREPARED.

PLEASE MAIL OR EMAIL THIS FULLY COMPLETED FORM TO MPC'S LIGHTING SERVICES DEPT. AND WE WILL INSTALL THE LIGHTING INSTALLATIONS THAT YOU REQUEST. YOU MAY ALSO USE THIS FORM TO REPORT LIGHTS NOT BURNING BY LISTING THE ESTIMATED SIZE AND LOCATION ON THE FORM AND FAXING TO US.

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Lamar Rutland**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve subcontracts with Lamey Electric Inc. for the State Aid Project No. DECD-001-018(35)BO identified as Highway 49, Camp, Adeline and Mamie project; Authorize the mayor to execute in multiples.**
File Number: 2022-280
Minute Book #

Summary
Approve subcontracts with Lamey Electric Inc. for the State Aid Project No. DECD-001-018(35)BO identified as Highway 49, Camp, Adeline and Mamie project; Authorize the mayor to execute in multiples.

Recommendation Statement
I recommend approval of this item.

Please place this on the April 19, 2022 City Council meeting for consideration.

Walters Construction Co., Inc.

SITE WORK & ASPHALT PAVING

SUBCONTRACT

This subcontract agreement is entered into this day between Walters Construction Company, Inc., herein called the **Contractor**, and Lamey Electric Inc, 13015 Shriners Blvd Biloxi, MS 3953 herein called the **Subcontractor**, for the performance by the **Subcontractor**, of certain work hereinafter specified as called for under the terms of certain **Contract** between the **Owner** and **Contractor**, relating to the project identified as DECD-0018(35)BO Highway 49, Camp Street & Adeline Street Hattiesburg, MS.

THE PARTIES AGREE AND BIND THEMSELVES, their heirs, successors and assigns as follows:

1. **PERFORMANCE:**
The Subcontractor agrees to perform the work specified and actually required, to furnish all labor, materials, equipment, supplies and other items for the work , to pay promptly for all such, and to complete the work in strict compliance with the terms of the Contract and to the satisfaction of and in compliance with the directions of the Owner and Contractor.

2. **CONTRACT:**
The terms, conditions, specifications, drawings, schedules and contract documents forming a part of the Contract between the Contractor and the Owner for the project are hereby made part of this subcontract by reference as fully as if set out in detail. The Subcontractor shall be bound to the same extent as the Contractor is bound by each and every covenant, obligation and provision of said Contract and all drawings and technical specifications that relate to the work of the Subcontractor.

3. **WORK:**
The Subcontractor shall perform all of the work necessary and actually required to complete the following items of the Contract:

S-200-A	MOBILIZATION	LS	1.00	$15,000.00	$15,000.00
907-632-A	SOLID STATE TRAFFIC SIGNAL CABINET, TYPE III CABINET, TYPE I CONTROLLER	EA	2.00	$16,881.75	$33,763.50
907-632-J	POWER SERVICE PEDESTAL	EA	2.00	$3,557.20	$7,114.40
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE TYPE II (L), 30' POLE, 45' ARM	EA	1.00	$28,176.40	$28,176.40
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE TYPE III (L), 30' POLE, 50' & 55'ARM	EA	1.00	$45,997.60	$45,997.60
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE TYPE III (L), 30' POLE, 55' & 60'ARM	EA	1.00	$47,960.80	$47,960.80
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE TYPE III (L), 30' POLE, 60' & 65' ARM	EA	1.00	$48,720.40	$48,720.40
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE TYPE VI, 8' POLE	EA	3.00	$2,756.00	$8,268.00
907-634-C	POLE FOUNDATIONS CLASS B CONCRETE	CY	19.00	$825.00	$15,675.00

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635-A059	TRAFFIC SIGNAL HEAD TYPE 1	EA	10.00	$781.25	$7,812.50
635-A065	TRAFFIC SIGNAL HEAD TYPE 2 FYA	EA	3.00	$1,146.80	$3,440.40
635-A070	TRAFFIC SIGNAL HEAD TYPE 3	EA	2.00	$1,160.80	$2,321.60
635-A073	TRAFFIC SIGNAL HEAD TYPE 4	EA	1.00	$1,047.20	$1,047.20
635-A074	TRAFFIC SIGNAL HEAD TYPE 4R	EA	1.00	$1,059.20	$1,059.20
635-A076	TRAFFIC SIGNAL HEAD TYPE 6	EA	4.00	$673.75	$2,695.00
907-636-B	ELECTRIC CABLE UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 8, 3 CONDUCTORS	LF	112.00	$5.75	$644.00
907-636-B	ELECTRIC CABLE UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 10,2 CONDUCTORS	LF	626.00	$4.40	$2,754.40
907-636-B	ELECTRIC CABLE UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 5 CONDUCTORS	LF	517.00	$3.50	$1,809.50
907-636-B	ELECTRIC CABLE UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 8 CONDUCTORS	LF	776.00	$3.60	$2,793.60
907-636-D	ELECTRIC CABLE, AERIAL SUPPORTED IN CONDUIT, IMSA 20-1, AWG 14, 8 CONDUCTOR	LF	492.00	$3.60	$1,771.20
907-637-A	PULLBOX ENCLOSURE TYPE 2	EA	3.00	$943.75	$2,831.25
907-637-A	PULLBOX ENCLOSURE TYPE 3	EA	2.00	$1,072.50	$2,145.00
907-637-A	PULLBOX ENCLOSURE TYPE 4	EA	3.00	$1,674.00	$5,022.00
907-637-C	TRAFFIC SIGNAL CONDUIT UNDERGROUND TYPE 4, 2"	LF	332.00	$6.22	$2,065.04
907-637-C	TRAFFIC SIGNAL CONDUIT UNDERGROUND TYPE 4, 3"	LF	50.00	$6.44	$322.00
907-637-D	TRAFFIC SIGNAL CONDUIT UNDERGROUND DRILLED OR JACKED ROLLED PIPE 2"	LF	530.00	$31.00	$16,430.00
907-637-D	TRAFFIC SIGNAL CONDUIT UNDERGROUND DRILLED OR JACKED ROLLED PIPE 4"	LF	289.00	$37.25	$10,765.25
907-639-B	TYPE 1 OPTICAL DETECTOR	EA	7.00	$568.75	$3,981.25
907-639-C	TYPE 1 OPTICAL DETECTOR WIRE	LF	1,268.00	$1.75	$2,219.00
907-639-B	MULTIMODE PHASE SELECTOR	EA	2.00	$3,276.80	$6,553.60
907-643-A	VIDEO VEHICLE DETECTION SENSOR TYPE 1A	EA	3.00	$4,229.40	$12,688.20
907-643-B	VIDEO VEHICLE DETECTION CABLE	LF	603.00	$1.65	$994.95
907-643-C	VIDEO VEHICLE DETECTION POWER CABLE	LF	603.00	$1.65	$994.95
907-643-E	MULTI-SENSOR VEHICLE DETECTION SENSOR	EA	4.00	$11,740.00	$46,960.00
907-643-F	MULTI-SENSOR VEHICLE DETECTION CABLE	LF	682.00	$1.95	$1,329.90
907-643-G	MULTI-SENSOR VEHICLE DETECTION POWER CABLE	LF	682.00	$1.65	$1,125.30
907-645-B	ACCESSIBLE PEDESTRIAN DETECTION ASSEMBLY	EA	4.00	$745.00	$2,980.00
907-653-A	TRAFFIC SIGN	SF	50.00	$48.00	$2,400.00
907-653-B	STREET NAME SIGN	SF	70.00	$73.72	$5,160.40
907-661-B	FIBER OPTIC CABLE, 12 SM	LF	193.00	$3.00	$579.00
907-663-A	NETWORK SWITCH, TYPE A	EA	2.00	$2,110.00	$4,220.00
S-202-B	REMOVAL OF TRAFFIC SIGNAL	EA	1.00	$3,500.00	$3,500.00

S-613-E	ADJUSTMENT OF PED CROSSING SIGN AND FLASHING BEACON	EA	1.00	$1,200.00	$1,200.00
S-613-D	ADJUSTMENT OF PARKING LOT LIGHTING	LS	1.00	$17,904.55	$17,904.55
S-613-E	ADJUSTMENT OF COMMUNICATION VAULT	EA	2.00	$6,595.00	$13,190.00
S-613-E	ADJUSTMENT OF FIBER OPTIC BOX	EA	3.00	$6,595.00	$19,785.00
				TOTAL	$466,171.34

IT IS UNDERSTOOD THAT ALL QUANTITIES ABOVE ARE APPROXIMATE.
The Subcontractor shall perform all of the work actually required to complete said items for the Unit Prices set opposite each item and said prices shall constitute the sole consideration for all work performed hereunder. Contractor will make a 0% deduction for Taxes and a 0% deduction for Bond from Subcontractor's quoted unit prices.

4. **PROGRESS AND COMPLETION:**
Unless herein otherwise specifically provided, the Subcontractor shall commence work promptly or upon written notice from the Contractor. The Subcontractor shall, in any event, prosecute the work diligently and so as to avoid delaying the progress of the Contractor or other Subcontractors on other portions of the project work. The Subcontractor shall keep and maintain on the project a sufficient number of qualified workmen and a sufficient quality of materials, equipment and supplies to efficiently perform the work as required without delay. Should the Subcontractor cause delay in the progress or completion of the project, Contractor may recover from Subcontractor the damages resulting there from, including liquidated damages assessed by the Owner and attributable thereto.

The Subcontractor shall comply in all respects with the Contractor's schedule for the subcontract work. The Subcontractor acknowledges and agrees to the Contractor's right to schedule the subcontract work as the Contractor deems necessary to facilitate overall progress and completion of the project. It is specifically agreed by the parties hereto that no claim, dispute or controversy shall interfere with the progress and performance of work required to be performed under this subcontract, and the Subcontractor shall proceed as directed with his work under this contract by the Contractor in all instances, including but not limited to the existence of a dispute, claim or other like controversy, and that any failure of the Subcontractor to comply herewith and to proceed with his work shall automatically be deemed a default. Time is of the essence in this subcontract and the work specified herein. Contractor shall not be liable to Subcontractor for any delay resulting from the act, neglect or default of the Owner or from causes beyond Contractor's control, in any case, beyond the granting of justifiable time extension on written applications from Subcontractor therefore made within three (3) days from the beginning of the first day of the requested extension..

5. **PAYMENT:**
Subject to other provisions hereof, the Contractor agrees to pay the Subcontractor the stated consideration for said work on the basis of the quantities allowed and paid for by the Owner, and to make payment within ten (10) days from the time that the Contractor is paid by the Owner, less same percentage retained by the Owner, which percent may be retained until completion of the Contract and final payment by the Owner, except in cases which there is undue delay which is occasioned by the complaints or circumstances unrelated to the work hereunder or to the manner of performing this subcontract.

6. **ADVANCES:**
The Contractor may, but shall not be required to, advance sums to the Subcontractor for the purpose of financing the work and may offset such advanced sums against any subcontract earnings, including final retainage, without the consent of and free from any claim of unauthorized payment by any surety and such shall not release the surety in whole or part. The Contractor may, but shall not be required to, supply the Subcontractor with labor, materials, equipment and supplies and other items acceptable to the Subcontractor in the performance of the work and recover the value or price therefore against the Subcontractor and the Subcontractor surety, if any, without being required to offset the same or any part thereof against the earnings of the Subcontractor.

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7. **INSURANCE:**

The Subcontractor shall obtain, before commencement of work, and maintain until final acceptance of the Contract, full insurance coverage, including as a minimum the following types of insurance with the stated policy limits:

Workers' Compensation and Employer's Liability: Statutory
General Liability: $1,000,000.00 per occurrence; $2,000,000.00 aggregate
Automobile Liability: $1,000,000.00 combined single limit; any auto coverage

In addition to the insurance listed, the Contractor may, at its sole discretion, require the Subcontractor to provide additional or different insurance coverage which applies to the project. Before commencing the subcontract work, the Subcontractor will submit to the Contractor Certificates of Insurance with the number of copies and content required by the Contractor, certifying the types and amounts of coverage, certifying that said insurance applies to all activities and liability of the Subcontractor pursuant to this subcontract and certifying that Contractor is an additional insured under the Subcontractor's policy. No policy of insurance may be cancelled or reduced during the period of construction, and the Subcontractor shall obtain an endorsement to its policies and insurance certificates providing substantially as follows:

Insurer may not cancel this policy or reduce coverage for period of thirty (30) days after Contractor receives written notice of the insurer's intention to cancel or reduce coverage.

The Subcontractor's failure to maintain complete insurance shall be a material breach authorizing the Contractor, at the Contractor's sole election to terminate this subcontract or to provide full coverage at the Subcontractor's sole expense; however, in neither case shall the Subcontractor's liability be lessened.

8. **INDEMNITY:**

The Subcontractor covenants to defend, indemnify, save harmless, protect, and exonerate both the Contractor (and its agents, employees, representatives and sureties) and the Owner from any and all claims, liability and damages, of any kind or nature, whether in contract tort or otherwise, which arise out of or relate to the obligations assumed herein by the Subcontractor or the Subcontractor's (including its successors, agents and employees) actions, inactions or omissions in performing under this subcontract. Pursuant to this indemnity provision, the Subcontractor shall also be liable for all costs and expenses, including but not limited to attorney fees, insured by the Contractor or the Owner in prosecuting or defending any claim, suit or other action which arises out of or relates to the obligation assumed herein by the Subcontractor or the Subcontractor's (including its successors, agents, and employees) actions, inactions or omissions in performing under this subcontract. The foregoing covenants and indemnity obligation shall apply to the fullest extent permitted by law.

9. **FAILURE TO PAY CLAIMS:**

The Subcontractor warrants that it has sufficient funds and credit to pay all bills incurred in the performance of the work hereunder without the necessity of resorting to earnings for work performed. The Subcontractor agrees that failure to pay such bills, when due, shall be a breach of this contract for which the Contractor may, but shall not be required to, withhold all sums otherwise payable hereunder for past and future earnings until the Subcontractor presents satisfactory evidence of payment of all bills, expenses and obligations insured by the Subcontractor relating to this subcontract, and furnish, upon the Contractor's request, written releases in a form acceptable to the Contractor. In case any such bill or claim is disputed by the Subcontractor, the Contractor may consider the same to be valid until discharged and released or until satisfactory security is give for the Contractor's indemnification. At Contractor's option, the Contractor may, but shall not be required to, pay any such bill or claim and recover the same from the Subcontractor or any surety or deduct the same from any payments (progress or retainage) otherwise due to Subcontractor hereunder. Any and all payments made in good faith in the belief that the Contractor is liable, whether liable or not, shall be conclusive of the Contractor's right to reimbursement, and itemized statement thereof of the checks or other evidence of payment shall be prima facie of the fact and extent of the Subcontractor's liability.

10. **DEFAULT:**

Should the Subcontractor at any time fail to perform any one or more of the agreements herein contained, or file bankruptcy, or receivership, or fail to avoid attachment, or abandon the work, any such action, failure or abandonment shall amount to default hereunder and the Contractor may, at the Contractor's

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option, after 24 hours notice to the Subcontractor, provide labor, materials, equipment and supplies and other items necessary to perform the work and discharge the other obligations assumed by the Subcontractor and recover the cost thereof from the Subcontractor, and may deduct such cost from the money then due Subcontractor under this subcontract or any other contract between the parties, or the Contractor, at the Contractor's option, may terminate the Subcontractor and take over the work and complete the same or re-bid the subcontract, deducting in any case the cost thereof (including a reasonable allowance for overhead expense) from the payments that would be otherwise due hereunder. Should the cost of completing or re-bidding the work exceed that remaining unpaid hereunder, then such excess shall be the liability of the Subcontractor, payable on demand. In case of any default hereunder, the Contractor may, but shall not be required to, take exclusive possession of any materials on the project belonging to the Subcontractor and use the same in completion of the work, free of all claims for the value of said material and for the rental or use of said equipment, and free of all claims for depreciation and ordinary wear and tear.

Determination of default made by the Contractor in good faith under the belief that a default exists under the terms hereof shall be conclusive of the fact of such default and on the Contractor's right to proceed as herein provided. The liability of the Subcontractor hereunder shall extend to and include the full amount of any and all sums paid and obligations assumed by the Contractor in good faith under the belief that such payment or assumptions were necessary or required, whether actually necessary or required or not (1) in completing the work and providing labor, materials, equipment, supplies and other items therefore or re-letting the subcontract, and (2) in settlement, discharge, or compromise of any claims, demands, suits and judgments pertaining to or arising out of the Subcontract's work. An itemized statement thereof or the checks or other evidence of payment shall be prima facie evidence of and extent of the Subcontractors liability.

Notwithstanding anything to the contrary in this subcontract and in addition to the Contractor's right to terminate for breach or default, the Contractor may terminate any portion of this subcontract or the entire subcontract, regardless of fault, in the event Owner exercises its right to terminate all or any portion of the Contract. Upon such termination, the Subcontractor shall be entitled only to the amounts due under the subcontract for subcontract work actually performed on the basis of the quantities allowed and paid for by the Owner as of the date of termination, plus any additional amount Contractor actually recovers from Owner on Subcontractor's behalf, less any bank charges or amounts otherwise due the Contractor under the terms of his subcontract.

11. **ASSIGNMENT OF SUBCONTRACT:**
The Subcontractor shall not assign all or part of this subcontract or sub-let all or any part of the work provided hereunder, without prior written consent of the Contractor; but in any event, and without regard to whether such consent is given or not, the Subcontractor and its assignees agree to indemnify and save the Contractor harmless, as set forth in Article 8, against any claims even if said claims are based upon the work by the assignee to Subcontractor of the undersigned Subcontractor or to any other party (no matter how remote or disconnected) performing or having any connection whatever with the performance of the subcontract work for which the Contractor may be liable on the Contract, the bond, or otherwise. No assignment or sub-letting, with or without consent, shall relieve the undersigned Subcontractor or its assignee from any obligation herein assumed. The Subcontractor shall not sub-let nor subcontract without requiring from its Subcontractors and suppliers insurance coverage as set forth in Article 7 of this subcontract.

12. **WORKMEN:**
Neither the Subcontractor nor any of the Subcontractor's assigns shall employ or keep any workmen whose employment on the work covered by the subcontract is objected to by the Owner or by the Contractor.

13. **LICENSES, TAXES AND PERMITS:**
The Subcontractor agrees to comply with all public laws, codes, regulations and ordinances in effect where the work under this subcontract is to be performed, and to pay all fees, licenses, permits and expenses required by such compliance, and also to pay all taxes and contributions imposed or required by any law relating to the employees of the Subcontractor and to the performance of said work and completion of this subcontract.

14. **COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS AND APPROVAL BY OWNER:**
The Subcontractor represents that it is fully familiar with the laws, ordinances, codes, executive orders, rules and regulations that apply to the work and the Subcontractor will comply with them in performing the work. If there is conflict between the contract documents and any applicable law, ordinance, code, executive order, rule or regulation, the Subcontractor will comply with the law, ordinance, code, rule, or regulation at no increase in price.

The Subcontractor acknowledges that the Contractor relies on the Subcontractor's special expert knowledge of the laws, ordinances, codes, executive orders, rules and regulations that apply to its trade and the work to be performed under this subcontract. In the event the Owner has the right to approve Subcontractor, Subcontractor represents that it shall promptly obtain such approval and that no cause exists for Owner to disapprove of Subcontractor or Subcontractor's work.

15. **DEFECTIVE WORKMANSHIP OR MATERIALS:**
No payment under this subcontract shall be construed as an acceptance of any defective work or improper materials, and the Subcontractor agrees to guarantee the work under this subcontract against all defects of workmanship or materials to the same extent as liability may be imposed upon the Contractor under the terms of the Contract.

16. **PERFORMANCE AND PAYMENT BONDS:**
If required by the Contractor prior to performance of this subcontract, the Subcontractor shall furnish to the Contractor, as obligee, a performance bond and a payment bond with a responsible surety, which is and remains acceptable to the Contractor, each in the full amount of this subcontract ensuring the Subcontractor's faithful performance of this subcontract and the Subcontractor's prompt payment of all labor, materials, equipment, machinery, supplies, services and other items furnished and supplied to the Subcontractor. The Subcontractor's failure to deliver satisfactory bonds within (10) days after demand shall be a material breach of this subcontract. The obligation of the surety for the Subcontractor's performance bond shall be as if all terms and conditions of this subcontract were set forth verbatim in the performance bond. If no bond is required, Contractor will withhold zero percent (0%) retention on all progress payments.

17. **NOTICE:**
Any notice provided for herein may be given in writing by United States Mail, facsimile or personal delivery. Notice by mail shall be considered as given after three (3) days when addressed to the last known address of the party to receive the same and deposited in the United States Mail. Notice by facsimile shall be considered as given when transmitted to the party to receive the same and when evidence that said transmission was transmitted is retained by the party transmitting same. Notice by personal delivery shall be considered as given when same is delivered.

18. **NON-WAIVER:**
The failure of either party to invoke any provision hereof or assert any right given hereunder on any one occasion or on any series of occasions shall not amount to or to be interpreted as a waiver or release of any provisions or right.

19. **CHANGES:**
The Contractor may issue written change orders to this subcontract without notice to the Subcontractor's sureties if any. The Subcontractor shall be obligated to perform such written change orders without delay. With respect to any change in the subcontract work, in whole or in part, the Subcontractor shall be entitled to an adjustment in the subcontract amount and an extension in the subcontract time, but only to the extent of the adjustments and time extensions that the Contractor actually receives from the Owner for such changes. Subcontractor shall have no independent or separate claims against the Contractor for further adjustment in price or extension of time. The failure to agree to the amount of contract adjustment owed due to the change order shall not relieve the Subcontractor of its duty to proceed with the work required under this subcontract as well as any change orders issued by the Contractor. All change orders must be in writing and signed by Contractor to be effective. Oral changes to work under this subcontract are not valid and will not be recognized. The Subcontractor shall have no claim or entitlement to payment for an

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addition to or change in subcontract work unless, prior to performance, the Subcontractor receives a written change order for such change signed by an authorized representative of the Contractor.

20. **LEGAL EFFECT:**

This Agreement contains and constitutes the entire understanding and agreement between the parties and supersedes and cancels all prior negotiations, agreements, commitments, communications, and understandings, written or oral. No other promises or agreements shall be binding or shall modify this Agreement unless executed in accordance with this Agreement. This subcontract cannot be changed, modified, altered, suspended or terminated, except in writing signed by an authorized representative of the Contractor. No delay, waiver, forbearance or failure by the Contractor to exercise rights or remedies under this subcontract or to insist upon strict compliance by the Subcontractor shall relieve the Subcontractor from strict compliance with all terms and conditions hereof or waive, restrict, or adversely any of the Contractor's rights and remedies as to any subsequent or continuing failure of the Subcontractor to comply strictly with all terms and conditions of this subcontract. In the event that any term, provision, covenant, or condition of the Agreement is later determined to be invalid, void, or unenforceable, then the remaining terms, provisions, covenants, and conditions of the Agreement shall remain in full force and effect, and shall in no way be affected, impaired, or invalidated. This Agreement shall be interpreted in accordance with the laws of the Stat of Mississippi. It is agreed by the parties hereto that any cause of action or suit based upon this agreement must be brought in a court of competent jurisdiction located in the Second Judicial District of Jones County, Mississippi. Both parties hereby waive any objection with regard to venue pursuant to Rules 12 and 82 of the Mississippi Rules of Civil Procedure and all applicable statues and rules of Mississippi. The Subcontractor shall be liable for all damages, costs and expenses, including attorney fees incurred by the Contractor in enforcing the terms and conditions of this subcontract. This Subcontract shall be binding upon the successors-in-interest of the parties hereto, but otherwise nothing in this subcontract is intended nor shall be construed to give rights or to confer benefits to third parties.

WITNESS: 3/21/22
(Date)

Contractor: Walters Construction Co., Inc.
By:
Title: President
Date: 3-21-22

WITNESS: 3/16/22
(Date)

Subcontractor: Lamey Electic Inc.
By:
Title: Vice President
Date: 3/16/2022

CAD-521
Rev. 3-07

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)

Mississippi Department of Transportation
P.O. Box 1850
Jackson, MS 39215-1850

DECD-00135)BO

Project No. _____

County Forrest

(Sub) Subcontract Request No. 5

I (We) Walters Construction Company Inc. Prime Contractor on the above captioned project proposing to (sub) subcontract certain items of work to Lamey Electric Inc. (Sub) Subcontractor, hereby submit the following information regarding the heretofore mentioned (sub) subcontractor to comply with the contract provisions regarding Executive Order 11246 as duplicated on the reverse side of this form.

Name: Lamey Electric Inc.

P.O. Box and/or Physical Address: 13015 Shriners Blvd

City, State and Zip Code: Biloxi 39532

Telephone Number: ( ) 228-436-3611

Employer Identification Number: 64-0921726

Actual Dollar Amount of the Subcontract Agreement: $466,171.34

Estimated Starting Date: February 17, 2022

Estimated Completion Date: December 31, 2022

Geographical Area: Hattiesburg, MS
(List County, State and City if any portion of the contract is within the limits of an incorporated area)

Respectfully submitted,

Date March 24, 2022 , 20____

Walters Construction Company Inc.
Prime Contractor

By: _____
Signature

Project Mananger
Title

(Submit signed original and attach to Request for Permission to Subcontract, Form CAD-720)

(See Reverse Side)

NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.

2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Timetables	Goals for female participation in each trade (percent)
From April 1, 1978 until March 31, 1979	3.1
From April 1, 1979 until March 31, 1980	5.1
From April 1, 1980 until March 31, 1981	6.9

Until further notice	Goals for minority participation for each trade (percent)
SHSA Cities:	
Pascagoula - Moss Point	16.9
Biloxi - Gulfport	19.2
Jackson	30.3
SMSA Counties:	
Desoto	32.3
Hancock, Harrison, Stone	19.2
Hinds, Rankin	30.3
Jackson	16.9
Non-SMSA Counties:	
George, Greene	26.4
Alcorn, Benton, Bolivar, Calhoun, Carroll, Chickasaw, Clay, Coahoma,Grenada, Itawamba, Lafayette, Lee, Leflore, Marshall, Monroe, Montgomery, Panola, Pontotoc, Prentiss, Quitman, Sunflower, Tallahatchie, Tate, Tippah, Tishomingo, Tunica, Union, Washington, Webster, Yalobusha	26.5
Attala, Choctaw, Claiborne, Clarke, Copiah, Covington, Franklin, Holmes, Humphreys, Issaquena, Jasper, Jefferson, Jefferson Davis, Jones, Kemper, Lauderdale, Lawrence, Leake, Lincoln, Lowndes, Madison, Neshoba, Newton, Noxubee, Oktibbeha, Scott, Sharkey, Simpson, Smith, Warren, Wayne, Winston, Yazoo	32.0
Forrest, Lamar, Marion, Pearl River, Perry, Pike, Walthall	27.7
Adams, Amite, Wilkinson	30.4

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of $10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor, estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is to the county and city (if any), stated in the advertisement.

5. The notification required in Paragraph 3 shall be addressed to the following:

Contract Compliance Officer (74-01)
Mississippi Department of Transportation
P.O. Box 1850
Jackson, Mississippi 39215-1850

CAD-725
Rev. 12-2018

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

(SUB) SUB-CONTRACT CERTIFICATION FOR FEDERAL AID PROJECTS

CERTIFICATION WITH REGARD TO THE PERFORMANCE OF PREVIOUS CONTRACTS OR SUB-CONTRACTS SUBJECT TO THE EQUAL OPPORTUNITY CLAUSE AND THE FILING OF REQUIRED REPORTS. DECD-0018(35)BO

Mississippi Department of Transportation
PO Box 1850
Jackson, MS 39215-1850

Project No. _____

County Forrest

(Sub) Subcontract Request No. 5

I (We) Lamey Electric Inc. proposed (Sub) Sub-contractor hereby certify that I (We) have X , have not _____ , participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I (we) have X , have not _____ , filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under applicable filing requirements.

Date March 25, 2022 , 20 ____

Lamey Electric Inc.
(Sub) Sub- Contractor

By: _____
Signature

Vice President
Title

NOTE: This certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60 - 1.7(b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60 - 1.5. (Generally only contracts for subcontracts of $10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60 - 1.7 (b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Submit signed original and attach to Request for Permission to Subcontract, Form CAD-720)

Form (FAS-S.A.) SC-1
(Submit 6 copies)

City of Hattiesburg
~~Board of Supervisors~~
Forrest County

Request No. 5

Project No. DECD-0018(35)BO

Date 3/24/22

Office of State Aid Road Construction
Mississippi Department of Transportation

Gentlemen:

I (we) (the prime contractor) (a subcontractor) propose to subcontract the following items to Lamey Electric Inc.

in accordance with Special Provisions in our contract governing subletting a portion of the contract. In the event of your disapproval of this subcontracting or of your disapproval of performance of such subcontractor at any time, I (we) agree to perform such item or items of work with my (our) own organization in full compliance with all applicable terms of our contract. I (we) understand that this procedure does not relieve us of any of the responsibility under our contract.

I certify that said party is particularly experienced and equipped for such work and that the attached subcontract is the sole agreement for the work and that all pertinent provisions and requirements of the contract have been explained to this proposed subcontractor, and that when applicable, federally required contract provisions are physically incorporated into the agreement furnished to the subcontractor.

The prices shown below are the prime contract unit price:

Spec. Pay Item No.	Item	Quantity	Unit	Prime Cont. Unit Price	Amount
	See Attached Breakdown		LS	$	$
				$	$
				$	$
				$	$
				$	$
				$	$

I (we) hereby certify that the persons or firms are designated hereon as subcontractors with the knowledge and consent of the persons or firms named.

Date 3/24/22, 20____

Walters Construction Co. Inc
Prime Contractor

By: _____

Address: 2051 HWY 84 East Laurel MS 39443

Approval recommended: 3/31, 20 22

_____
~~County Engineer~~ Pgeer

Approved: ~~Board of Supervisors~~ City of Hattiesburg
County

(By order of the Board, dated_____)

By _____
~~President~~ Mayor

Approved recommended: _____, 20____

_____
State Aid District Engineer

Total this Request 5 $ 369,412.25 = 7.94 %

Previous Request 4 $ 1,735,615.87 = 37.28 %

Total to Date 5 $ 2,105,028.12 = 45.22 %

I (we) hereby certify that the use of our names as subcontractor on the above items was, and is, with our knowledge and consent.

Date March 24, 20 22

Lamey Electric Inc.
(Sub) Subcontractor

By: Nicolas Strayham

Address: 13015 Shriners Blvd, Biloxi, MS 39532

Approved: _____, 20____

_____
State Aid Engineer

Approved: _____, 20____

_____
Executive Director, Mississippi Department of Transportation

Revised August 2000

ATTACHMENT

Subcontractor: Lamey Electric Inc.
Project: Forrest County Roads A-J
Location: Forrest County
Number: SAP-18(16)M
Request No.: 5

TOTAL THIS REQUEST: $ 369,412.25

Pay Item	Pay Item Description	Quantity	Unit	Prime Contract Unit Price	Extension
S-200-A	MOBILIZATION	LS	1.00	$ 15,000.00	$ 15,000.00
907-632-A	SOLID STATE TRAFFIC SIGNAL CABINET ASSEMBLY, TYPE III CABINET, TYPE I CONTROLLER	EA	2.00	$ 17,000.00	$ 34,000.00
907-632-J	POWER SERVICE PEDESTAL	EA	2.00	$ 3,500.00	$ 7,000.00
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II (L), 30' POLE, 45' ARM	EA	1.00	$ 12,000.00	$ 12,000.00
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE III (L), 30' POLE, 50' & 55'ARM	EA	1.00	$ 21,000.00	$ 21,000.00
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE III (L), 30' POLE, 55' & 60'ARM	EA	1.00	$ 21,000.00	$ 21,000.00
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE III (L), 30' POLE, 60' & 65' ARM	EA	1.00	$ 21,500.00	$ 21,500.00
907-634-A	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE VI, 8' POLE	EA	3.00	$ 1,600.00	$ 4,800.00
907-634-C	POLE FOUNDATIONS, CLASS B CONCRETE	CY	19.00	$ 784.00	$ 14,896.00
907-635-A059	TRAFFIC SIGNAL HEAD, TYPE 1	EA	10.00	$ 887.00	$ 8,870.00
907-635-A065	TRAFFIC SIGNAL HEAD, TYPE 2 FYA	EA	3.00	$ 1,300.00	$ 3,900.00
907-635-A070	TRAFFIC SIGNAL HEAD, TYPE 3	EA	2.00	$ 1,300.00	$ 2,600.00
907-635-A073	TRAFFIC SIGNAL HEAD, TYPE 4	EA	1.00	$ 1,200.00	$ 1,200.00
907-635-A074	TRAFFIC SIGNAL HEAD, TYPE 4R	EA	1.00	$ 1,200.00	$ 1,200.00
907-635-A076	TRAFFIC SIGNAL HEAD, TYPE 6	EA	4.00	$ 800.00	$ 3,200.00
907-636-B	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG # 8, 3 CONDUCTOR	LF	112.00	$ 5.45	$ 610.40
907-636-B	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG #10, 2 CONDUCTOR	LF	626.00	$ 4.35	$ 2,723.10
907-636-B	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG #14, 5 CONDUCTOR	LF	517.00	$ 3.35	$ 1,731.95
907-636-B	ELECTRIC CABLE UNDERGROUND IN CONDUIT, IMSA 20-1, AWG #14, 8 CONDUCTOR	LF	776.00	$ 3.85	$ 2,987.60
907-636-D	ELECTRIC CABLE, AERIAL SUPPORTED IN CONDUIT, IMSA 20-1, AWG #14, 8 CONDUCTOR	LF	492.00	$ 3.85	$ 1,894.20
907-637-A	PULLBOX ENCLOSURE, TYPE 2	EA	3.00	$ 550.00	$ 1,650.00
907-637-A	PULLBOX ENCLOSURE, TYPE 3	EA	2.00	$ 787.00	$ 1,574.00
907-637-A	PULLBOX ENCLOSURE, TYPE 4	EA	3.00	$ 1,100.00	$ 3,300.00
907-637-C	TRAFFIC SIGNAL CONDUIT, UNDERGROUND TYPE 4, 2"	LF	332.00	$ 6.40	$ 2,124.80
907-637-C	TRAFFIC SIGNAL CONDUIT, UNDERGROUND TYPE 4, 3"	LF	50.00	$ 6.90	$ 345.00
907-637-D	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 2"	LF	530.00	$ 17.65	$ 9,354.50
907-637-D	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 4"	LF	289.00	$ 17.65	$ 5,100.85
907-639-B	TYPE 1 OPTICAL DETECTOR	EA	7.00	$ 608.00	$ 4,256.00
907-639-C	TYPE 1 OPTICAL DETECTOR CABLE	LF	1,268.00	$ 2.00	$ 2,536.00
907-639-D	MULTIMODE PHASE SELECTOR	EA	2.00	$ 3,500.00	$ 7,000.00
907-643-A	VIDEO VEHICLE DETECTION SENSOR TYPE 1A	EA	3.00	$ 4,600.00	$ 13,800.00
907-643-B	VIDEO VEHICLE DETECTION CABLE	LF	603.00	$ 1.90	$ 1,145.70
907-643-C	VIDEO VEHICLE DETECTION POWER CABLE	LF	603.00	$ 1.90	$ 1,145.70
907-643-E	MULTI-SENSOR VEHICLE DETECTION SENSOR	EA	4.00	$ 13,500.00	$ 54,000.00
907-643-F	MULTI-SENSOR VEHICLE DETECTION CABLE	LF	682.00	$ 1.90	$ 1,295.80
907-643-G	MULTI-SENSOR VEHICLE DETECTION POWER CABLE	LF	682.00	$ 1.90	$ 1,295.80
907-645-B	ACCESSIBLE PEDESTRIAN DETECTION ASSEMBLY	EA	4.00	$ 814.00	$ 3,256.00
907-653-A	TRAFFIC SIGN	SF	50.00	$ 55.00	$ 2,750.00
907-653-B	STREET NAME SIGN	SF	70.00	$ 84.40	$ 5,908.00
907-661-B	FIBER OPTIC CABLE, 12 SM	LF	193.00	$ 3.45	$ 665.85
907-663-A	NETWORK SWITCH, TYPE A	EA	2.00	$ 2,400.00	$ 4,800.00
S-202-B	REMOVAL OF TRAFFIC SIGNAL	EA	1.00	$ 4,000.00	$ 4,000.00
S-613-E	ADJUSTMENT OF PED CROSSING SIGN AND FLASHING BEACON	EA	1.00	$ 1,145.00	$ 1,145.00
S-613-D	ADJUSTMENT OF PARKING LOT LIGHTING SYSTEM	LS	1.00	$ 16,200.00	$ 16,200.00
S-613-E	ADJUSTMENT OF COMMUNICATION VAULT	EA	2.00	$ 8,000.00	$ 16,000.00
S-613-E	ADJUSTMENT OF FIBER OPTIC BOX	EA	3.00	$ 7,550.00	$ 22,650.00

Walters Construction Co., Inc.
Prime Contractor

By: _____

Lamey Electric, Inc.
Miller Enterprises LLC
(Sub) Subcontractor

By: _____

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Lamar Rutland**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve initial grant agreement under the Fiscal Year 2020 Build Transportation Program between the United States Department of Transportation, Mississippi Department of Transportation and the City of Hattiesburg which reflects the selection of the First-Tier Subrecipient to receive a BUILD Grant for the Hattiesburg Downtown Railroad Innovation: Construction of Grade Separations and Connection Track at a Major Rail Intersection; authorize the Mayor to execute in duplicate.**
File Number: 2022-277
Minute Book #

Summary

Approve initial grant agreement under the Fiscal Year 2020 Build Transportation Program between the United States Department of Transportation, Mississippi Department of Transportation and the City of Hattiesburg which reflects the selection of the First-Tier Subrecipient to receive a BUILD Grant for the Hattiesburg Downtown Railroad Innovation

Recommendation Statement

I recommend approval of grant agreement.

Please place this on the April 19, 2022 City Council meeting for consideration.

U.S. DEPARTMENT OF TRANSPORTATION

GRANT AGREEMENT UNDER THE
FISCAL YEAR 2020 BUILD TRANSPORTATION GRANTS PROGRAM

This agreement is between the United States Department of Transportation (the "**USDOT**"), Mississippi Department of Transportation (the "**Recipient**"), and the City of Hattiesburg, Mississippi (the "**First-Tier Subrecipient**").

This agreement reflects the selection of the First-Tier Subrecipient to receive a BUILD Grant for the Hattiesburg Downtown Railroad Innovation: Construction of Grade Separations and Connection Track at a Major Rail Intersection.

The parties want the First-Tier Subrecipient to carry out the project with the Recipient's assistance and oversight.

The parties therefore agree to the following:

Article 1
GENERAL TERMS AND CONDITIONS

1.1 General Terms and Conditions.

(a) In this agreement, "**General Terms and Conditions**" means the content of the document titled "General Terms and Conditions Under The Fiscal Year 2020 BUILD Transportation Grants Program: FHWA Projects," dated September 1, 2021, which is available at http://go.usa.gov/xMcmU. Articles 8 – 24 are in the General Terms and Conditions. The General Terms and Conditions are part of this agreement.

(b) The Recipient states that it has knowledge of the General Terms and Conditions.

(c) The Recipient acknowledges that the General Terms and Conditions impose obligations on the Recipient and that the Recipient's non-compliance with the General Terms and Conditions may result in remedial action, terminating of the BUILD Grant, disallowing costs incurred for the Project, requiring the Recipient to refund to the USDOT the BUILD Grant, and reporting the non-compliance in the Federal-government-wide integrity and performance system.

Article 2
APPLICATION, PROJECT, AND AWARD

2.1 Application. The application for funding was dated May 18, 2020 and titled "Hattiesburg Downtown Railroad Innovation: Construction of Grade Separations and

Connection Track at Major Rail Intersection." It contained Standard Form 424 and all information and attachments submitted with that form through Grants.gov.

2.2 Project. In this agreement, the "**Project**" means the project proposed in the application identified in section 2.1 as modified by the negotiated provisions of this agreement, including article 3 and attachments A-E.

2.3 Federal Award and Federal Obligation.

(a) The USDOT hereby awards a BUILD Grant to the Recipient in the amount of $13,223,900, but that amount will be obligated with one initial obligation and one or more subsequent, optional obligations.

(b) For the purpose of obligating the BUILD Grant, the following table allocates the BUILD Grant among separate portions of the Project. The scope of each portion of the Project that is identified in this table is described in attachment A.

Portion of the Project	**Allocation from BUILD Grant**
Base Phase: Preliminary Engineering	$920,315
Hall Avenue - Roundabout	
Option Phase 1: Construction	$2,560,000
Hall Avenue West - Overpass	
Option Phase 2: Construction	$9,743,585

(c) This agreement obligates for the budget period only the amounts allocated in section 2.3(b) to the following portions of the Project:

(1) Base Phase; and

(2) Option Phase 1: Construction.

(d) This agreement does not obligate funds for portions of the Project that are listed in section 2.3(b) and omitted from section 2.3(c). The parties may obligate the amounts allocated to those portions of the Project only as described in section 2.3(e) or by modifying this agreement under article 21.

(e) For each portion of the Project that is listed in section 2.3(b) and omitted from section 2.3(c), the amount allocated to that portion of the Project in section 2.3(b) is obligated if, not later than September 30, 2022, the parties execute an instrument, in the form provided in exhibit E, documenting that:

(1) the USDOT determines that all of the conditions associated with that portion in the following table are satisfied;

(2) the USDOT determines that all applicable Federal requirements for obligating the amount are satisfied; and

(3) the Recipient states that it is not required to request a modification of this agreement under article 12.

Portion of the Project	Condition
Hall Avenue West Overpass	
Option Phase 2: Construction	If the FHWA State Division Office approves the PS&E for the Project and the Recipient has met all the applicable Federal, State, and local requirements.

(f) The Recipient shall not request reimbursement of costs for a portion of the Project that is listed in section 2.3(b) and omitted from section 2.3(c) unless the amount allocated to that portion of the Project in section 2.3(b) is obligated under section 2.3(e).

(g) The Recipient acknowledges that:

(1) the USDOT is not liable for payments for a portion of the Project that is listed in section 2.3(b) and omitted from section 2.3(c) unless the amount allocated to that portion of the Project in section 2.3(b) is obligated under section 2.3(e).

(2) any portion of the BUILD Grant that is not obligated under this section 2.3 before October 1, 2022, lapses on that date and becomes unavailable for the Project; and

(3) the USDOT may consider the failure to obligate funds before October 1, 2022, to be a basis for terminating this agreement under section 16.1.

2.4 Award Dates.

Budget Period End Date: 3/31/2026

2.5 Urban or Rural Designation. The USDOT hereby designates this to be an award to a project in a rural area.

2.6 Federal Award Identification Number. The Federal Award Identification Number will be generated when the FHWA Division authorizes the project in FMIS. The Recipient acknowledges that it has access to FMIS and can retrieve the FAIN from FMIS

Article 3
SUMMARY PROJECT INFORMATION

3.1 Summary of Project's Statement of Work. (See Attachment A for additional details).

This project would construct an overpass and make improvements on the western portion of Hall Avenue and add a roundabout at the intersection of Hall Avenue, James Street, and Bay Street.

3.2 Project's Estimated Schedule.

Milestone	Schedule Date
Base Phase	
Actual Start of Preliminary Engineering	7/12/2021
Option Phase 1: Hall Avenue Roundabout	
Actual NEPA Completion Date:	9/23/2021
Actual Right-of-Way Certification Date:	1/7/2022
Planned Plan, Specification, & Estimate (PS&E) Approval Date:	1/28/2022
Planned Authorization / Obligation Date for Option Phase 1	2/21/2022
Planned Construction Start Date:	5/1/2022
Planned Construction Substantial Completion and Open to Traffic Date:	1/31/2024
Option Phase 2: Hall Avenue West Overpass	
Planned NEPA Completion Date:	2/12/2022

Planned Right-of-Way Acquisition Start Date:	2/15/2022
Planned Right-of-Way Acquisition Completion Date:	7/24/2022
Planned Right-of-Way Certification Date:	8/15/2022
Planned Plan, Specification, & Estimate (PS&E) Approval Date:	8/19/2022
Planned Authorization / Obligation Date for Option Phase – Option Phase 2:	8/29/2022
Planned Construction Start Date:	1/4/2023
Planned Construction Substantial Completion and Open to Traffic Date – Option Phase 2:	12/31/2024
Planned Construction Substantial Completion and Open to Traffic Date (ALL COMPONENTS):	12/31/2024

3.3 Project's Estimated Budget. (See Attachment B for additional details).

Eligible Project Costs	
BUILD Grant Amount:	$13,223,900
Other Federal Funds:	$0
State Funds:	$0
Local Funds:[1]	$776,100
Other Funds:	$0
Total Eligible Project Cost:	$14,000,000

[1] City of Hattiesburg, Mississippi Local Tax Revenue

Article 4
CRITICAL MILESTONE DEADLINES

4.1 Critical Milestone Deadlines.

Milestone	Deadline Date
The Recipient converts the FY 2020 BUILD funds as set forth in section 7.4	April 30, 2022
Standard Railroad Coordination Agreement with Norfolk Southern	August 15, 2022
Completion of the FRA CRISI Grant Project	June 30, 2024

Article 5
PARTY INFORMATION

5.1 Recipient's Unique Entity Identifier.

Dun and Bradstreet Data Universal Numbering System No. (the "DUNS No.") of Mississippi Department of Transportation: 809394067 and DUNS No. of City of Hattiesburg, Mississippi: 079448130

5.2 Recipient Contact(s).

Lamar Rutland, P.E.
Director of Engineering
City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403-1898
601-545-4540
lrutland@hattiesburgms.com

5.3 Recipient Key Personnel.

Lee Frederick, P.E.
State LPA Engineer
Mississippi Department of Transportation
Office: 601-359-7031
lfrederick@mdot.ms.gov

5.4 USDOT Project Contact(s).

Jeffrey A. Schmidt, P.E.
Deputy Division Administrator
FHWA – Mississippi Division
100 W. Capitol Street Suite 1062
Jackson, MS 39269
jeffrey.schmidt@dot.gov

Article 6
USDOT ADMINISTRATIVE INFORMATION

6.1 Payment System.

USDOT Payment System: FMIS

6.2 Office for Subaward and Contract Authorization.

USDOT Office for Subaward and Contract Authorization: FHWA Mississippi Division

Article 7
SPECIAL GRANT TERMS

7.1 Subaward to First-Tier Subrecipient.

(a) The Recipient hereby awards a subaward to the First-Tier Subrecipient for the purpose described in section 8.1.

(b) The Recipient and the First-Tier Subrecipient may enter into a separate agreement, to which the USDOT is not a party, assigning responsibilities, including administrative and oversight responsibilities, among the Recipient and the First-Tier Subrecipient.

(c) For the purpose of 2 C.F.R. parts 200 and 1201, the Recipient is a pass-through entity.

7.2 First-Tier Subrecipient Statements and Responsibilities.

(a) The First-Tier Subrecipient affirms all statements and acknowledgments that are attributed to the Recipient under sections 10.1 and 10.2.

(b) The First-Tier Subrecipient assumes the Recipient's reporting obligations under articles 14 and 15.

7.3 **State Oversight Responsibilities.** For the purpose of 23 U.S.C. 106(g), the Recipient shall act as if funds under this award are Federal funds under title 23, United States Code.

7.4 **Advance Construction (23 U.S.C. § 115).** Within 30 business days after the date of final execution of this Agreement, the City of Hattiesburg and the Mississippi Department of Transportation shall request the FHWA Mississippi Division Office to convert the FY 2020 BUILD funds authorized to proceed under the Advance Construction provisions of 23 U.S.C. 115 for Preliminary Engineering in the amount of $2,000,000. The FHWA Mississippi Division Office will then obligate the FY 2020 BUILD funds per a modified project agreement.

7.5 **Railroad Coordination.** As a condition of this project, the City of Hattiesburg shall enter a written standard railroad coordination agreement with Norfolk Southern (NS) for work and operation within the NS right-of-way no later than August 12, 2022.

7.6 **Completion of the CRISI Grant Project.** The First-Tier Subrecipient shall complete the CRISI grant project components before June 30, 2024.

ATTACHMENT A
STATEMENT OF WORK

This project would construct an overpass and make improvements on the western portion of Hall Avenue and add a roundabout at the intersection of Hall Avenue, James Street, and Bay Street.

Base Phase:

Preliminary Engineering:

- Preliminary Engineering – Design
- NEPA - Environmental studies and document preparation
- Final Engineering – Design
- Right of Way

Option Phase 1 – Hall Avenue Roundabout:

- PS&E Construction
- Traffic Control
- Mobilization
- Paving
- Overlay / Reconstruction
- Construction engineering and Inspection

Option Phase 2 – Hall Avenue West Overpass:

- PS&E Construction
- Traffic Control
- Overlay/Reconstruction
- Construction Engineering and Inspection
- Railroad Overpass

ATTACHMENT B
ESTIMATED PROJECT BUDGET

1. Supplementary Fund Source Table(s)

The following tables supplement the budget information in section 3.3.

Eligible Costs **Base Phase: Preliminary Engineering**	
BUILD Funds:	$920,315
Total:	$920,315

Eligible Costs **Hall Avenue – Roundabout** **Option Phase 1: Construction**	
BUILD Funds:	$2,560,000
Total:	$2,560,000

Eligible Costs Hall Avenue West Overpass **Option Phase 2: Construction**	
BUILD Funds:	$9,743,585
Local Funds[1]:	$776,100
Total:	$10,519,685
[1] City of Hattiesburg, Mississippi Local Tax Revenue	

2. Cost Classification Table

Cost Classification	**Total Costs**	**Non-BUILD Previously Incurred Costs**	**Eligible Costs**
Preliminary Engineering	$920,315	$0	**$920,315**
Construction/Construction Engineering	$13,079,685	$0	**$13,079,685**
Project Total	**$14,000,000**	**$0**	**$14,000,000**

ATTACHMENT C
PERFORMANCE MEASUREMENT TABLE

Study Area: A western portion of Hall Avenue from Bay Street to W. Pine Avenue.

Pre-project Measurement Date: 4/1/2022

Pre-project Report Date: 7/1/2022

Project Outcomes Report Date: 12/31/2028

Table 1: Performance Measurement Table

Measure	Description and Category of Measure	Measurement Period	Reporting Period
Average Daily Traffic (ADT)	**Economic Competitiveness** The total volume of vehicle traffic on a highway or road segment per day as defined by the project study area.	Baseline Measurement: Annual average, accurate as of the Pre-project Measurement Date Post-construction Performance Measures: Accurate as of December 31, 2025 December 31, 2026 December 31, 2027	Baseline Measurement: Pre-project Report Date Post-construction Performance Measures: For a period of 3 years, beginning February 28, 2026 February 28, 2027 February 28, 2028
Travel Time Savings	**Economic Competitiveness** Travel time savings for traffic measured during peak and off-peak periods as defined by the project study area.	Baseline Measurement: Annual average, accurate as of the Pre-project Measurement Date Post-construction Performance Measures: Accurate as of December 31,2025 December 31, 2026	Baseline Measurement: Pre-project Report Date Post-construction Performance Measures: For a period of 3 years, beginning February 28, 2026 February 28, 2027

Measure	Description and Category of Measure	Measurement Period	Reporting Period
		December 31, 2027	February 28, 2028

ATTACHMENT D
MATERIAL CHANGES FROM APPLICATION

Scope: As discussed in the project modification white paper approved by OST on May 5, 2021, there are no changes to the scope of the FRA CRISI Grant Project or the FHWA BUILD Grant Project. The FRA CRISI grant components (Hall East Overpass, Norfolk Southern, and Dynamic Message Signs) were removed from the Project under this agreement since they are being constructed separately under the grant administered by FRA.

Schedule: The schedule has changed from the application. The Planned Construction Date for the Option Phase 1 (Roundabout) project has changed from June 2020 to May 2022 and the Planned Construction Date for Option Phase 2 (Overpass) has changed from March 2021 to January 2023. The changes in the schedule to the BUILD funded Components are primarily due to delays in the award of the Preliminary Engineering contract and because additional Right-of-Way needed to be acquired. Additionally, the construction durations for phase 1 and 2 have increased by seven months for phase 1 and 19 months for phase 2. These increases resulted from a more detailed and realistic construction schedule prepared during design that accounted for difficulties with supply chain issues and a better understanding of the proposed work. Also, the Planned Construction Start Date for the Federal Railroad Administration (FRA) funded Components has changed from October 2020 to May 15, 2022. The delays in the FRA funded Component are due to the unforeseen additional coordination needed between the City and FRA.

Budget: On May 5, 2021, OST approved a modification to the budget of the project to remove the CRISI grant-funded project components from the total cost of the BUILD grant project. Therefore, the grant agreement budget lists only the BUILD and Non-Federal funded portion of the project application. Additionally, the Hall Avenue Roundabout component increased from $1.4 million presented in the application, to $2.56 million (not including PE expenses), and the Hall West Overpass component decreased from $12.6 million to $9.74 million (not including PE expenses). Total preliminary engineering costs for both components are $920,315.

The table below provides a summary comparison of the project budget.

	Application		**Modified Project (approved 5/5/2021)**		**Section 3.3 and Attachment B**	
Fund Source	$	%	$	%	$	%
Total Project Cost	**26,621,200**	**100**	26,261,200	100	**14,000,000**	**100**
Total Non-BUILD Previously Incurred Cost	0	N/A	11,987,000	N/A	0	N/A
Federal Funds	0	N/A	5,397,300[1]	N/A	0	N/A
Non-Federal Funds	0	N/A	6,590,000[2]	N/A	0	N/A
Total Eligible Project Cost	26,621,200	100	14,000,000	100	14,000,000	100
BUILD Funds	13,223,900	50	13,223,900	94.5	13,223,900	94.5
Other Federal Funds	5,397,300[1]	20	0	N/A	0	N/A
Non-Federal Funds	8,000,000[2]	30	776,100	5.5	776,100	5.5

[1] FRA's Consolidated Rail Infrastructure and Safety Improvements Program (CRISI)
[2] $6,590,000 of this amount (5% of total costs) was match to FRA's CRISI Grant

ATTACHMENT E
APPROVED PRE-AWARD COSTS

On January 26, 2021, the City of Hattiesburg, Mississippi sent a written request to the FHWA Mississippi Division for advance construction (23 U.S.C. 115) authorization to initiate Preliminary Engineering. The advance construction request would allow the recipient to begin Preliminary Engineering and the Environmental Review process. The City of Hattiesburg requested advance construction for $2,000,000 in BUILD Grant funds.

OST approved the City of Hattiesburg's request to allow pre-award costs on May 13, 2021. The Division authorized advance construction on May 13, 2021.

The FHWA Mississippi Division authorized Advance Construction for Option Phase 1 – Construction on March 16, 2022, in the amount of $2,560,000.

RECIPIENT SIGNATURE PAGE

The Recipient, intending to be legally bound, is signing this agreement on the date stated opposite that party's signature.

Mississippi Department of Transportation

_____ By: _____

Date Signature of Recipient's Authorized Representative

Brad White

Name

Executive Director

Title

Book___ Page___

FIRST-TIER SUBRECIPIENT SIGNATURE PAGE

The First-Tier Subrecipient, intending to be legally bound, is signing this agreement on the date stated opposite that party's signature.

City of Hattiesburg, Mississippi

_____	By: _____
Date	Signature of First-Tier Subrecipient's Authorized Representative
	Mr. Toby Barker
	Name
	Mayor
	Title

USDOT SIGNATURE PAGE

The USDOT, intending to be legally bound, is signing this agreement on the date stated opposite that party's signature.

United States Department of Transportation

_____	By: _____
Date	Signature of USDOT's Authorized Representative
	Donald (Don) E. Davis
	Name
	FHWA Mississippi Division Administrator
	Title

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From:

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve an Agreement between the City of Hattiesburg and Sammy Graham, LLC for maintenance of all city pools and one splash pad and authorize the Mayor to execute the same.**
File Number: 2022-287
Minute Book #

Summary

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

CITY OF HATTIESBURG
PARKS AND RECREATION DEPARTMENT
POOL MAINTENANCE AGREEMENT

THIS AGREEMENT made and entered into on this the 1st day of April, 2022, between the City of Hattiesburg, Mississippi, hereinafter referred to as "City" and Sammy Graham, LLC, hereinafter referred to as "Contractor".

WHEREAS, the City is the owner of three (3) swimming pool facilities located at Dahmer Park Pool, Ben McNair Recreation Center Pool, and Scott Jones Jr. Pool at C.E. Roy Community Center and one (1) splash pad located at Sullivan Park.

WHEREAS, the Contractor is willing to undertake the obligations herein set forth in order to provide maintenance (labor only) at said facilities.

NOW, THEREFORE, in consideration of the promises and of the covenants herein expressed, the City and Contractor mutually agree as follow:

SECTION I

GENERAL TERMS AND CONDITIONS

1.0 TERM OF AGREEMENT

1.1 The Agreement shall commence on or about April 1, 2022, and shall end October 30, 2022, unless terminated earlier under provisions herein.

2.0 TERMINATION AND CANCELLATION

2.1 The City may terminate this contract at any time by delivery of written notice stating the contract will terminate within thirty (30) days from date of the receipt of said notice.

2.2 The Contractor may terminate this contract at any time by delivery of written notice Stating the contract will terminate within thirty (30) days from date of receipt of said notice.

3.0 NEGOTIATIONS

3.1 The City reserves the right to negotiate all elements which comprise the Contractor's proposal to ensure the best possible consideration is afforded to all concerned

4.0 LEGAL RELATIONSHIPS

4.1 It is understood and hereby agreed by the parties the Contractor is and shall be an independent contractor and shall control all ways, means and details incident to the performance of him/herself and his/her agents and employees under this contract. Neither the Contractor nor his/her agents or employees shall be subject to the personnel policies of the City, nor participate in the benefits which accrue to City employees. Both parties agree to indemnify and hold harmless each other from any and all claims or losses which may result from any negligence or misconduct on the part of either party, agents, employees or representatives.

5.0 LAWS, STATUS AND OTHER GOVERNMENTAL PROVISIONS

5.1 The Contractor shall at all times observe and comply with all Federal and State Laws and City Ordinances and Regulation which affect the operation of Pool Facilities and will comply with all orders, laws, ordinances and regulations which may be enacted by a body having jurisdiction over such facilities.

6.0 EQUAL OPPORTUNITY

6.1 The Contractor agrees to comply with Title VI of the Civil Rights Act of 1964 (P.L. 88-352) and all requirements imposed by or pursuant to that title, to the end, in accordance with Title VI of the Act and the regulations, no person in the United States shall, on the grounds of race, color, age, sex, disability or national origin be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination as a result of any use or activity at the stated premises.

6.2 In the event the Contractor does not comply with the non-discrimination clauses of the Agreement, the Agreement may be cancelled, terminated or suspended in whole or in part, and the Contractor may be barred from further contracts with the City of Hattiesburg, Mississippi.

SECTION II
SPECIFIC DUTIES

1.0 SPECIFIC DUTIES

1.1 Contractor - Splash Pad to be clean and operational ready
1.2 Contractor - The following pools, C.E. Roy, Dahmer, and Ben McNair, to be drain, clean, and operational ready for summer programming.
1.3 Contractor – Maintain the chemical level, water quality safety, and report any problems with mechanicals operations each week.
1.4 Contractor – Maintain all pools and splash pad mechanical operations
1.5 Contractor – Upon each facility closure, the facility will be winterized

SECTION III
FACILITIES SCHEDULES

1.0 FACILITIES SCHEDULES

1.1 Splash Pad operational schedule is May 1 thru September 30
1.2 Ben McNair operational schedule is May 1 thru September 30
1.3 Dahmer operational schedule is June 1 thru July 31 and August 1 – 31 weekends only
1.4 C.E. Roy operational schedule is June 1 thru July 31

COMPENSATION

The City of Hattiesburg shall pay the Contractor a total of $15.112.50 for the abovementioned services. Any mechanic repairs should be paid at a rate of $75.00 an hour in addition to the above services. (Attachment #1)

IN WITNESS WHEREOF City and Contractor have executed this Agreement on the day and year first above written.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
Mayor

CONTRACTOR

BY: _____

(Attachment#1)

Parks and Recreation Swimming Pools Maintenance

The following facilities, Splash Pad, C.E. Roy, Dahmer, and Ben McNair, to be drained, cleaned, and operational ready for summer programming and winterized. Labor only. $7,800.00

Maintain the chemical level, water quality safety, and report any problems with mechanicals operations each week, May through September with the following facilities: Splash Pad
Labor only $487.50 monthly

Maintain the chemical level, water quality safety, and report any problems with mechanicals operations each week, June and July with the following facilities: Ben McNair, Dahmer, C.E. Roy
Labor only. $1,462.50 monthly

Maintain the chemical level, water quality safety, and report any problems with mechanicals operations each week, August with the following facilities: Dahmer and Ben McNair,
Labor only $975.00 monthly

Maintain the chemical level, water quality safety, and report any problems with mechanicals operations each week, September and October with the following facility: Ben McNair
Labor only $487.50 monthly

Mechanical repairs shall be paid at rate of $75.00 per hour.

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Jennifer Shows, Grants Coordinator**

cc: **Kermas Eaton, City Clerk**

Date: **Tuesday, April 19, 2022**

Re: **Acknowledge cancellation of Contractor and Owner Agreement and Grant Award Agreement approved August 17, 2021 for Ora Marshall of 104 Saucier Drive executed, in triplicate, according to the Housing Rehabilitation and Housing Programs Manual Section VII (E).**
File Number: 2022-253
Minute Book #

Summary
Acknowledge cancellation of Contractor and Owner Agreement and Grant Award Agreement approved August 17, 2021 for Ora Marshall of 104 Saucier Drive executed, in triplicate, according to the Housing Rehabilitation and Housing Programs Manual Section VII (E).

Recommendation Statement
I recommend approval of this item.

Please place this on the April 19, 2022 City Council meeting for consideration.

CITY OF HATTIESBURG HOUSING REHABILITATION (25K+)
GRANT AWARD AGREEMENT

General Terms and Conditions

1. _____ I certify that I currently live in and own the home for which I am accepting repair assistance.

2. _____ I agree to remain in Hattiesburg during the course of the repairs being performed and to make my home accessible between the hours of 7:00 a.m. and 5:00 p.m., Monday through Friday, unless otherwise arranged.

3. _____ I understand that I am responsible for packing and storage of jewelry, family heirlooms, food, cleaning and other chemicals, lawn equipment, and toiletries for the duration of the repair work as necessary.

4. _____ I understand that the discovery of illegal activities or the use of verbal or physical threats of harm towards City employees, the contractor or his workers will result in an immediate termination of all repair activities.

5. _____ I agree that the City has irrevocable rights and permission to use my name and to use, reproduce, exhibit, copyright and publish photographic images and/or videotaped images of me and/or my home for advertising, trade and/or any other lawful purpose.

6. _____ I agree to attend Homeowner's Maintenance Training and understand that I will be contacted with the dates and times for this mandatory training.

7. _____ I certify that I am not an employee of the City of Hattiesburg, nor do I have an immediate family member who is an elected official of the City of Hattiesburg nor an employee who is responsible for the administration, management and oversight of the program (Community Development Division Staff).

8. _____ I hereby agree to occupy the home to be rehabilitated for a period of not less than **five (5)** years after completion of the repairs funded under in the Housing Rehabilitation Program. **(Homeowner acknowledges and agrees that this agreement shall be binding on his/hers/their heirs, executors and assigns.)**

9. _____ I agree to repay the prorated grant amount and legal fees associated with securing repayment to the City should I sale, transfer or dispose of the property prior to the expiration of the ***five*** **(5)** year affordability period.

10. _____ I understand that I cannot apply for another Housing Rehabilitation or Housing Repair Grant within the **five (5)** year affordability period.

11. _____ I hereby agree to maintain homeowner's insurance and when applicable, flood insurance.

12. _____ I hereby agree to maintain all county and city property taxes as they come due during the affordability period.

13. _____ I hereby agree that the completion of the repairs for which these grant funds are awarded shall constitute a complete work agreement and I will sign all the necessary paperwork to allow for payment to the contractor.

14._____ I authorize the city to proceed with preliminary testing, requests for bids, and other required steps necessary in order to proceed with a project, and further understand that costs related to the same shall be added to the total cost of the project under this grant award.

By my signature below I, **Ora Marshall of 104 Saucier Drive,** agree to all the terms of this grant and understand that failure to abide by any of the terms will result in forfeiture of my grant and/or repayment of expended grant funds this the _____ day of _____, 2021.

_____ _____

Homeowner's Signature Spouse's Signature

GRANT AWARD

The Homeowner(s), **Ora Marshall of 104 Saucier Drive**, is hereby awarded a Housing Rehabilitation Award for costs associated with the repair or rehabilitation of **104 Saucier Drive**. The amount of the award shall be the actual cumulative cost of all related preparation and work, including but not limited to: preliminary environmental testing, required abatement work, construction costs, any required legal filing fees, any change orders/discovery repairs and any approved voluntary temporary relocation assistance. General construction/rehabilitation/repair costs are not to exceed $60,000, excluding change orders/discovery repairs necessary to meet building codes and program standards according to the Housing Rehabilitation and Housing Repair Programs Manual Section VIII(E). Other associated costs are in addition to the $60,000 described for general construction/rehabilitation/repair. Lead and/or Asbestos activities are contracted separately. All actual costs together are subject to any Deed Restrictions and/or affordability period associated with the project.

City of Hattiesburg, Mississippi

By: _____
Toby Barker, Mayor

Date: August 17, 2021

Attest:_____
Kermas Eaton, City Clerk

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Jennifer Shows, Grants Coordinator**

cc: **Kermas Eaton, City Clerk**

Date: **Tuesday, April 19, 2022**

Re: **Acknowledge contract termination between the City and Community Connections, Inc (QEC) for rehabilitation projects at 303 J.C. Killingsworth and 515 Columbia Street removal from the City of Hattiesburg QEC List.**
File Number: 2022-288
Minute Book #

Summary
Acknowledge contract termination between the City and Community Connections, Inc (QEC) for rehabilitation projects at 303 J.C. Killingsworth and 515 Columbia Street removal from the City of Hattiesburg QEC List.

Recommendation Statement
I recommend approval of this item.

Please place this on the April 19, 2022 City Council meeting for consideration.

Pope & Pope, P.A.

Attorneys and Counselors
Post Office Box 17527
Hattiesburg, Mississippi 39404-7527

Moran M. Pope, Jr. (1922-2017)
Moran M. Pope, III

Telephone 601-268-9997
Email:randypope@popelaw.com

January 31, 2022

VIA EMAIL: Terrancemthigpen@gmail.com

Community Connections, Inc.
c/o Mr. Terrance Thigpen

Re: 303 J. C. Killingsworth Drive & 515 Columbia

Dear Mr. Thigpen:

This confirms our conversation of Friday afternoon, January 28, 2022, in which the City of Hattiesburg advised you that the final inspections on these two properties must be successfully completed on or before Thursday, February 10, 2022, and that the closings for both properties must occur on or before Friday, February 11, 2022. If these deadlines are not met, the contract between the City and Community Connections, Inc., will be terminated, and the City will proceed to secure another company or individual to complete the work on the properties.

Sincerely yours,

Randy Pope

Moran M. Pope, III, City Attorney

MMPIII/rp
cc: Ms. Petra Wingo
Ms. Ann Jones

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Jennifer Shows, Grants Coordinator**

cc: **Kermas Eaton, City Clerk**

Date: **Tuesday, April 19, 2022**

Re: **Approve and authorize the Mayor to execute in triplicate a Contractor and Owner Agreement and a Housing Repair Grant Award to Helen O'Neal of 303 J C Killingsworth in an amount not to exceed $33, 530 according to the Housing Rehabilitation and Housing Programs Manual Section VIII (E). {Entitlement}**
File Number: 2022-255
Minute Book #

Summary
Contractor/Owner Agreement and a Housing Rehabilitation Grant Award for 303 J C Killingsworth.

Recommendation Statement
I recommend approval of the Contractor/Owner Agreement and a Housing Rehabilitation Grant Award for 303 J C Killingsworth.

Please place this on the April 19, 2022 City Council meeting for consideration.

CITY OF HATTIESBURG HOUSING REHABILITATION (25K+)
GRANT AWARD AGREEMENT

General Terms and Conditions

1. _____ I certify that I currently live in and own the home for which I am accepting repair assistance.

2. _____ I agree to remain in Hattiesburg during the course of the repairs being performed and to make my home accessible between the hours of 7:00 a.m. and 5:00 p.m., Monday through Friday, unless otherwise arranged.

3. _____ I understand that I am responsible for packing and storage of jewelry, family heirlooms, food, cleaning and other chemicals, lawn equipment, and toiletries for the duration of the repair work as necessary.

4. _____ I understand that the discovery of illegal activities or the use of verbal or physical threats of harm towards City employees, the contractor or his workers will result in an immediate termination of all repair activities.

5. _____ I agree that the City has irrevocable rights and permission to use my name and to use, reproduce, exhibit, copyright and publish photographic images and/or videotaped images of me and/or my home for advertising, trade and/or any other lawful purpose.

6. _____ I agree to attend Homeowner's Maintenance Training and understand that I will be contacted with the dates and times for this mandatory training.

7. _____ I certify that I am not an employee of the City of Hattiesburg, nor do I have an immediate family member who is an elected official of the City of Hattiesburg nor an employee who is responsible for the administration, management and oversight of the program (Community Development Division Staff).

8. _____ I hereby agree to occupy the home to be rehabilitated for a period of not less than **five (5)** years after completion of the repairs funded under in the Housing Rehabilitation Program. **(Homeowner acknowledges and agrees that this agreement shall be binding on his/hers/their heirs, executors and assigns.)**

9. _____ I agree to repay the prorated grant amount and legal fees associated with securing repayment to the City should I sale, transfer or dispose of the property prior to the expiration of the ***five*** **(5)** year affordability period.

10. _____ I understand that I cannot apply for another Housing Rehabilitation or Housing Repair Grant within the **five (5)** year affordability period.

11. _____ I hereby agree to maintain homeowner's insurance and when applicable, flood insurance.

12. _____ I hereby agree to maintain all county and city property taxes as they come due during the affordability period.

13. _____ I hereby agree that the completion of the repairs for which these grant funds are awarded shall constitute a complete work agreement and I will sign all the necessary paperwork to allow for payment to the contractor.

14._____ I authorize the city to proceed with preliminary testing, requests for bids, and other required steps necessary in order to proceed with a project, and further understand that costs related to the same shall be added to the total cost of the project under this grant award.

By my signature below I, **Helen O'Neal of 303 J C Killingworth,** agree to all the terms of this grant and understand that failure to abide by any of the terms will result in forfeiture of my grant and/or repayment of expended grant funds this the _____ day of _____, 2022.

_____ _____
Homeowner's Signature Spouse's Signature

GRANT AWARD

The Homeowner(s), **Helen O'Neal of 303 J C Killingsworth**, is hereby awarded a Housing Rehabilitation Award for costs associated with the repair or rehabilitation of **303 J C Killingsworth**. The amount of the award shall be the actual cumulative cost of all related preparation and work, including but not limited to: preliminary environmental testing, required abatement work, construction costs, any required legal filing fees, any change orders/discovery repairs and any approved voluntary temporary relocation assistance. General construction/rehabilitation/repair costs are not to exceed $33,530, excluding change orders/discovery repairs necessary to meet building codes and program standards according to the Housing Rehabilitation and Housing Repair Programs Manual Section VIII(E). Other associated costs are in addition to the $33,530 described for general construction/rehabilitation/repair. Lead and/or Asbestos activities are contracted separately. All actual costs together are subject to any Deed Restrictions and/or affordability period associated with the project.

City of Hattiesburg, Mississippi

By: _____
Toby Barker, Mayor

Date: April 19, 2022

Attest:_____
Kermas Eaton, City Clerk

CITY OF HATTIESBURG COMMUNITY DEVELOPMENT

Homeowner Rehabilitation/Reconstruction Program
Project HRRP

Contractor & Owner Agreement

THIS AGREEMENT, made the _____day of _____, 2022 and between the City of Hattiesburg Community Development Department (COHCD) Homeowner Rehabilitation/Reconstruction Program (HRRP) and Helen O'Neal of 303 J C Killingsworth, Hereinafter called Owner, and _____, with its principal place of business located at _____, Lucedale, Mississippi _____, hereinafter called the Contractor.

WITNESSETH

1. SCOPE OF WORK

The Contractor shall furnish all labor, materials, tools, supplies, supervision and other services and shall perform all operations necessary and required to satisfactorily complete the work shown on the Work Write-Up and described in the specifications and other Contract Documents prepared for the **303 J C Killingsworth** Project by the Housing Programs Inspector, said work to be preformed on the structure(s)/property located at **303 J C Killingsworth**, Hattiesburg, Mississippi, all in accordance with terms of the Contract Documents.

2. TIME OF COMPLETION

The Owner/COHCD shall issue a written Notice to Proceed within 5 days from the date of the Owner/COHCD signing of this Agreement, accepting the Contractor's bid and proposal, providing the Contractor has obtained the necessary permits and related documents (if needed) and has presented them to the Owner/COHCD. If the Notice to Proceed is not received by the Contractor within this 5 day period, the Contractor may at his option terminate his obligation under this Agreement, provided he has obtained the necessary permits and related documentation within (15) days from the date of the Owner's/COHCD's signing of this Agreement, the Owner/COHCD has the option of terminating the Contract for cause.

The Contractor shall commence working within ten (10) calendar days, as time is of the essence in the completion of this contract, after issuance of the Notice to Proceed, and it is to be completed within **forty-five (45)** days after issuance of the Notice to Proceed. **One hundred dollars ($100.00) per day, as liquidated damages, will de deducted from the final payment for every day project repair completion exceeds sixty (30) days.** The Owner/COHCD has the option of terminating the Contract for failure to commence work within the time allowed by the Contract Agreement.

3. COMPENSATION

As full consideration for the satisfactory performance by Contractor of this Contract, the Owner/COHCD shall pay to the Contractor the sum of _____ ($_____) subject to any written additions or deductions provided and incorporated herein, in accordance with the payment provisions of this Contract.

4. CHANGES IN THE WORK

The Owner/COHCD without invalidating the Contract may order Changes in Work consisting of additions, deletions, or modifications, the Contract Sum and the Contract Time being adjusted accordingly. All such Changes in the Work shall be authorized by written Change Order signed by the Owner and COHCD or their duly authorized agent.

The Contract Sum and the Contract Time may be changed by a Change Order. The cost or credit to the Owner/COHCD from a Change in the Work shall be determined by mutual agreement before executing the Work involved.

5. CORRECTION OF WORK

The Contractor shall correct any work that fails to conform to the requirements of the Contract Documents where such failure to conform appears during the progress of the Work, and shall remedy any defects due to faulty materials, equipment or workmanship which appears within a period of one year from the Date of substantial Completion of the Contract or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents. The provisions of this statement apply to Work done by Subcontractors as well as to Work done by direct employees of the Contractor.

6. TERMINATION BY THE OWNER

If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents or fails to perform any provisions of the Contract, the Owner/COHCD may, after seven days written notice to the Contractor and without prejudice to any other remedy they may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor. If the Contractor's workmanship is deficient and he fails to remedy such work within a specified time period, the Owner/COHCD, at their option, may terminate the Contract and take possession of the site and all materials, supplies and equipment incorporated in the work thereon. The Owner/COHCD may finish the Work by whatever method they may deem expedient. If the unpaid balance of the Contract Sum exceeds the expenses of finishing the Work, such excess shall be paid to the Contractor for approved work completed, but if such expense exceeds such unpaid balance, the Contractor shall pay the difference to the Owner/COHCD.

7. PAYMENTS/DRAWS

Payments may be withheld on account of (1) defective Work not remedied, (2) claims filed, (3) failure of the Contractor to make payments properly to Subcontractors

or for labor, materials or equipment, (4) damage to another contractor or (5) unsatisfactory prosecution of the Work of the Contractor.

Final payment shall not be due until the Contractor has delivered to the Owner/CHOCD filed lien waivers/releases, indemnifying them against any lien.

The making of final payment shall constitute a waiver of all claims by the Owner/COHCD except those arising from (1) unsettled liens, (2) faulty or defective Work appearing after Substantial Completion, (3) failure of Work to comply with the Requirements of the Contract Documents or (4) terms of any special guarantees required by the Contract Documents. The acceptance of the final payment shall constitute a wavier of all claims by the Contractor except those preciously made in writing and still unsettled.

1. _____
2. _____
3. _____
4. _____
5. _____

8. ACCEPTANCE AND FINAL PAYMENT

Final payment shall be due thirty (30) days after completion and acceptance of the work, provided the Contract has been satisfactorily performed, subject to the provision of the General Conditions of the Contract.

9. DEED RESTRICTION

There will be deed restriction attached to **303 J C Killingsworth** for three (3) years. Homeowner agrees to occupy the rehabilitated home for three (3) years after rehabilitation activities are completed. The homeowner agrees to pay the prorated grant amount and legal fees associated with securing repayment to the City of Hattiesburg in the event the property is sold, transferred or disposed of prior to the expiration of the three (3) year affordability period**. Homeowner acknowledges and agrees that this contract shall be binding on his/hers/their heirs, executors and assigns.**

10. ASSIGNMENT OF CONTRACT

This agreement may not be assigned to any Contractor or Agent of Contractor.

IN WITNESS WHEREOF, the parties hereto executed this Agreement the _____ day of _____, 2022.

_____ _____

Helen O'Neal Date Homeowner Date

City of Hattiesburg, Mississippi	**Contractor**
By: _____ Toby Barker, Mayor	By: _____
Date: April 19, 2022	Date: _____
Attest: _____ Kermas Eaton, City Clerk	Attest: _____

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Jennifer Shows, Grants Coordinator**

cc: **Kermas Eaton, City Clerk**

Date: **Tuesday, April 19, 2022**

Re: **Approve and authorize the Mayor to execute in triplicate a Contractor and Owner Agreement and a Housing Repair Grant Award to Lisa Means of 515 Columbia Street for an amount not to exceed $48,800 according to the Housing Rehabilitation and Housing Programs Manual Section VIII (E). {Entitlement}**
File Number: 2022-256
Minute Book #

Summary
Contractor/Owner Agreement and a Housing Rehabilitation Grant Award for 515 Columbia Street

Recommendation Statement
I recommend approval of the Contractor/Owner Agreement and a Housing Rehabilitation Grant Award for 515 Columbia Street

Please place this on the April 19, 2022 City Council meeting for consideration.

CITY OF HATTIESBURG COMMUNITY DEVELOPMENT

Homeowner Rehabilitation/Reconstruction Program
Project HRRP

Contractor & Owner Agreement

THIS AGREEMENT, made the _____day of _____, 2022 and between the City of Hattiesburg Community Development Department (COHCD) Homeowner Rehabilitation/Reconstruction Program (HRRP) and Lisa Means of 515 Columbia Street, Hereinafter called Owner, and _____, with its principal place of business located at _____, Lucedale, Mississippi _____, hereinafter called the Contractor.

WITNESSETH

1. SCOPE OF WORK

The Contractor shall furnish all labor, materials, tools, supplies, supervision and other services and shall perform all operations necessary and required to satisfactorily complete the work shown on the Work Write-Up and described in the specifications and other Contract Documents prepared for the **515 Columbia Street** Project by the Housing Programs Inspector, said work to be preformed on the structure(s)/property located at **515 Columbia Street**, Hattiesburg, Mississippi, all in accordance with terms of the Contract Documents.

2. TIME OF COMPLETION

The Owner/COHCD shall issue a written Notice to Proceed within 5 days from the date of the Owner/COHCD signing of this Agreement, accepting the Contractor's bid and proposal, providing the Contractor has obtained the necessary permits and related documents (if needed) and has presented them to the Owner/COHCD. If the Notice to Proceed is not received by the Contractor within this 5 day period, the Contractor may at his option terminate his obligation under this Agreement, provided he has obtained the necessary permits and related documentation within (15) days from the date of the Owner's/COHCD's signing of this Agreement, the Owner/COHCD has the option of terminating the Contract for cause.

The Contractor shall commence working within ten (10) calendar days, as time is of the essence in the completion of this contract, after issuance of the Notice to Proceed, and it is to be completed within **forty-five (45)** days after issuance of the Notice to Proceed. **One hundred dollars ($100.00) per day, as liquidated damages, will de deducted from the final payment for every day project repair completion exceeds sixty (30) days.** The Owner/COHCD has the option of terminating the Contract for failure to commence work within the time allowed by the Contract Agreement.

3. COMPENSATION

As full consideration for the satisfactory performance by Contractor of this Contract, the Owner/COHCD shall pay to the Contractor the sum of

_____ ($_____) subject to any written additions or deductions provided and incorporated herein, in accordance with the payment provisions of this Contract.

4. CHANGES IN THE WORK

The Owner/COHCD without invalidating the Contract may order Changes in Work consisting of additions, deletions, or modifications, the Contract Sum and the Contract Time being adjusted accordingly. All such Changes in the Work shall be authorized by written Change Order signed by the Owner and COHCD or their duly authorized agent.

The Contract Sum and the Contract Time may be changed by a Change Order. The cost or credit to the Owner/COHCD from a Change in the Work shall be determined by mutual agreement before executing the Work involved.

5. CORRECTION OF WORK

The Contractor shall correct any work that fails to conform to the requirements of the Contract Documents where such failure to conform appears during the progress of the Work, and shall remedy any defects due to faulty materials, equipment or workmanship which appears within a period of one year from the Date of substantial Completion of the Contract or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents. The provisions of this statement apply to Work done by Subcontractors as well as to Work done by direct employees of the Contractor.

6. TERMINATION BY THE OWNER

If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents or fails to perform any provisions of the Contract, the Owner/COHCD may, after seven days written notice to the Contractor and without prejudice to any other remedy they may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor. If the Contractor's workmanship is deficient and he fails to remedy such work within a specified time period, the Owner/COHCD, at their option, may terminate the Contract and take possession of the site and all materials, supplies and equipment incorporated in the work thereon. The Owner/COHCD may finish the Work by whatever method they may deem expedient. If the unpaid balance of the Contract Sum exceeds the expenses of finishing the Work, such excess shall be paid to the Contractor for approved work completed, but if such expense exceeds such unpaid balance, the Contractor shall pay the difference to the Owner/COHCD.

7. PAYMENTS/DRAWS

Payments may be withheld on account of (1) defective Work not remedied, (2) claims filed, (3) failure of the Contractor to make payments properly to Subcontractors or for labor, materials or equipment, (4) damage to another contractor or (5) unsatisfactory prosecution of the Work of the Contractor.

Final payment shall not be due until the Contractor has delivered to the Owner/CHOCD filed lien waivers/releases, indemnifying them against any lien.

The making of final payment shall constitute a waiver of all claims by the Owner/COHCD except those arising from (1) unsettled liens, (2) faulty or defective Work appearing after Substantial Completion, (3) failure of Work to comply with the Requirements of the Contract Documents or (4) terms of any special guarantees required by the Contract Documents. The acceptance of the final payment shall constitute a wavier of all claims by the Contractor except those preciously made in writing and still unsettled.

1. _____
2. _____
3. _____
4. _____
5. _____

8. ACCEPTANCE AND FINAL PAYMENT

Final payment shall be due thirty (30) days after completion and acceptance of the work, provided the Contract has been satisfactorily performed, subject to the provision of the General Conditions of the Contract.

9. DEED RESTRICTION

There will be deed restriction attached to **515 Columbia Street** for three (3) years. Homeowner agrees to occupy the rehabilitated home for three (3) years after rehabilitation activities are completed. The homeowner agrees to pay the prorated grant amount and legal fees associated with securing repayment to the City of Hattiesburg in the event the property is sold, transferred or disposed of prior to the expiration of the three (3) year affordability period**. Homeowner acknowledges and agrees that this contract shall be binding on his/hers/their heirs, executors and assigns.**

10. ASSIGNMENT OF CONTRACT

This agreement may not be assigned to any Contractor or Agent of Contractor.

IN WITNESS WHEREOF, the parties hereto executed this Agreement the _____ day of _____, 2022.

_____ _____

Lisa Means Date Homeowner Date

City of Hattiesburg, Mississippi	**Contractor**
By: _____ Toby Barker, Mayor	By: _____
Date: April 19, 2022	Date: _____
Attest: _____ Kermas Eaton, City Clerk	Attest: _____

CITY OF HATTIESBURG HOUSING REHABILITATION (25K+)
GRANT AWARD AGREEMENT

General Terms and Conditions

1. _____ I certify that I currently live in and own the home for which I am accepting repair assistance.

2. _____ I agree to remain in Hattiesburg during the course of the repairs being performed and to make my home accessible between the hours of 7:00 a.m. and 5:00 p.m., Monday through Friday, unless otherwise arranged.

3. _____ I understand that I am responsible for packing and storage of jewelry, family heirlooms, food, cleaning and other chemicals, lawn equipment, and toiletries for the duration of the repair work as necessary.

4. _____ I understand that the discovery of illegal activities or the use of verbal or physical threats of harm towards City employees, the contractor or his workers will result in an immediate termination of all repair activities.

5. _____ I agree that the City has irrevocable rights and permission to use my name and to use, reproduce, exhibit, copyright and publish photographic images and/or videotaped images of me and/or my home for advertising, trade and/or any other lawful purpose.

6. _____ I agree to attend Homeowner's Maintenance Training and understand that I will be contacted with the dates and times for this mandatory training.

7. _____ I certify that I am not an employee of the City of Hattiesburg, nor do I have an immediate family member who is an elected official of the City of Hattiesburg nor an employee who is responsible for the administration, management and oversight of the program (Community Development Division Staff).

8. _____ I hereby agree to occupy the home to be rehabilitated for a period of not less than **five (5)** years after completion of the repairs funded under in the Housing Rehabilitation Program. **(Homeowner acknowledges and agrees that this agreement shall be binding on his/hers/their heirs, executors and assigns.)**

9. _____ I agree to repay the prorated grant amount and legal fees associated with securing repayment to the City should I sale, transfer or dispose of the property prior to the expiration of the ***five*** **(5)** year affordability period.

10. _____ I understand that I cannot apply for another Housing Rehabilitation or Housing Repair Grant within the **five (5)** year affordability period.

11. _____ I hereby agree to maintain homeowner's insurance and when applicable, flood insurance.

12. _____ I hereby agree to maintain all county and city property taxes as they come due during the affordability period.

13. _____ I hereby agree that the completion of the repairs for which these grant funds are awarded shall constitute a complete work agreement and I will sign all the necessary paperwork to allow for payment to the contractor.

14._____ I authorize the city to proceed with preliminary testing, requests for bids, and other required steps necessary in order to proceed with a project, and further understand that costs related to the same shall be added to the total cost of the project under this grant award.

By my signature below I, **Lisa Means of 515 Columbia Street,** agree to all the terms of this grant and understand that failure to abide by any of the terms will result in forfeiture of my grant and/or repayment of expended grant funds this the _____ day of _____, 2022.

_____ _____
Homeowner's Signature Spouse's Signature

GRANT AWARD

The Homeowner(s), **Lisa Means of 515 Columbia Street**, is hereby awarded a Housing Rehabilitation Award for costs associated with the repair or rehabilitation of **515 Columbia Street**. The amount of the award shall be the actual cumulative cost of all related preparation and work, including but not limited to: preliminary environmental testing, required abatement work, construction costs, any required legal filing fees, any change orders/discovery repairs and any approved voluntary temporary relocation assistance. General construction/rehabilitation/repair costs are not to exceed $48,800, excluding change orders/discovery repairs necessary to meet building codes and program standards according to the Housing Rehabilitation and Housing Repair Programs Manual Section VIII(E). Other associated costs are in addition to the $48,800 described for general construction/rehabilitation/repair. Lead and/or Asbestos activities are contracted separately. All actual costs together are subject to any Deed Restrictions and/or affordability period associated with the project.

City of Hattiesburg, Mississippi

By: _____
Toby Barker, Mayor

Date: April 19, 2022

Attest:_____
Kermas Eaton, City Clerk

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Lamar Rutland**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Authorize acquisition of certain property identified as Forrest County Tax Parcel No. 2-029J-10-170.00, PPIN 21852, for the Gordon's Creek Commons project; Determine the appraisal value of $33,575 to be the fair market value and just compensation, and authorize the administration to make offer to the owner in this amount; Authorize the Mayor to execute any and all documents necessary to complete the transaction; Authorize issuance of a manual check in payment upon closing the transaction.**
File Number: 2022-281
Minute Book #

Summary
Authorize acquisition of certain property identified as Forrest County Tax Parcel No. 2-029J-10-170.00, PPIN 21852, for the Gordon's Creek Commons project; Determine the appraisal value of $33,575 to be the fair market value and just compensation, and authorize the administration to make offer to the owner in this amount; Authorize the Mayor to execute any and all documents necessary to complete the transaction; Authorize issuance of a manual check in payment upon closing the transaction.

Recommendation Statement
I recommend approval of this item.

Please place this on the April 19, 2022 City Council meeting for consideration.

Establishment of Just Compensation Offer

This document is prepared pursuant to Federal regulation at 49 CFR 24.102(d)

> *"Establishment and offer of just compensation*. Before the initiation of negotiations, the Agency shall establish an amount which it believes is just compensation for the real property. The amount shall not be less than the approved appraisal of the market value of the property, taking into account the value of allowable damages or benefits to any remaining property**.** An Agency official must establish the amount believed to be just compensation".

The property that is the subject of this offer of just compensation is as follows:

Owner:	Kevin Fant
Parcel No:	PPIN # 21852
Project No:	Gordon's Creek Commons Project
County:	Forrest

Under the authority conveyed to me by the City of Hattiesburg, and based on the recommended appraisal for the above-named property, which is inclusive of all compensable interests, I, *Toby Barker*, Mayor of the city of Hattiesburg, do hereby establish the City of Hattiesburg's offer of what is believed to be just compensation for the acquisition of the real property rights specified, in the amount of $33,575.

Signed_____ Date_____

NOTICE TO ACQUISITON AGENTS

The "just compensation" figure specified above is the total offer for the property, inclusive of all interests. If more than one interest exists for the property, (T's, Q's, E's), please refer to the appraisal review report for allocation of this "just compensation" figure to the various interests that exist.

REAL PROPERTY
APPRAISAL REVIEW REPORT

Parcel Number(s)	PPIN # 21852
Owner	Kevin Fant
Occupied / Leased	Vacant
County	Forrest
Project Description	Gordon's Creek Commons Project
Effective Date of Review Report	4/04/2022
Review Report Date	4/14/2022
Review Report Requested for	Original Appraisal

Prepared For

City of Hattiesburg
c/o Toby Banks, Mayor
P.O. Box 1898
Hattiesburg, MS 39403

This Appraisal Review Report Was Prepared By
John B. "Jeb" Stewart, SR/WA
State Licensed Certified General Real Estate Appraiser # 231
3340 N. Liberty Street, Canton, MS 39046

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Appraisal Review of Fair Market Value

Identification of the Appraisal Report Under Review	
Owner:	Kevin Fant
Parcel No:	PPIN # 21852
Project No:	Gordon's Creek Commons Project
County:	Forrest

Identification of Client and Intended Users

The City of Hattiesburg requested an appraisal review of the property described in this report. The intended user of this appraisal review report is the City of Hattiesburg and such employees or agents authorized by the City of Hattiesburg to utilize the information contained herein.

Intended Use of the Appraisal Review Report

The opinions, reasons, and conclusions contained in this appraisal review report approve or recommend an estimate of just compensation, contained in the appraisal report under review, as prescribed under the laws of the State of Mississippi, payable for the acquisition of specified real property rights, being acquired for public use. The estimate of just compensation approved or recommended in this appraisal review report includes the fair market value of the property, damages to the remaining property, if any, and such curative costs as are permitted by the Laws of the State of Mississippi and serves as the basis for the establishment of the amount believed to be just compensation for the acquisition of the "real property" described herein

Fair Market Value Defined

Fair Market Value as defined in the appraisal report under review is "the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress".

Does this acquisition involve relocation assistance? ☐ Yes ☒ No

The basis for this estimate is: ☒ Sales Comparison Approach ☐ Cost Approach ☐ Income Approach

Appraisal Effective Date: 04/04/2022 Report Date: 04/12/2022

Appraisal By: George Null, MAI; GA-679

Other Appraisals By: Date:

Remainder: Uneconomic Remnant ☐ Yes ☒ No

Estate Appraised and Under Review

☒ Fee	Area of Whole Tract	**15,300 sq. ft.**
☐ Easement	Area of Remaining Tract	**0.00 sq. ft.**
☐ Other	Area to be Acquired	**15,300 sq. ft.**

The appraisal report considered under this appraisal review is:

☐ **Accepted** (meets all requirements but is not selected as recommended or approved)

☐ **Not Accepted** (refer to reviewer's comments and conclusions)

☒ **Recommended** (as the basis for the establishment of the amount believed to be just compensation)

☐ **Approved** (as the basis for the establishment of the amount believed to be just compensation)

Purpose of the Review Report	*Evaluate compliance with relevant USPAP, client requirement, and applicable regulations. If purpose of the assignment includes the development of the reviewer's opinion of value, then state whether the reviewer concurs or differs with the opinion of value under review.*

The purpose of this appraisal review report is to provide the client, City of Hattiesburg, with a recommended estimate of just compensation to be used as the basis for the establishment of the amount believed to be just compensation for the acquisition of real property rights defined in the appraisal report under review. It has been prepared to reach a final conclusion as to the reliability of the value presented. In addition, the purpose of this review is to assure that the appraisal under review meets the requirements of the Mississippi Department of Transportation, the Federal Highway Administration, and the *Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA)*, which are compatible with standards and practices of the current edition of the Appraisal Foundation's *Uniform Standards of Professional Appraisal Practice* (*USPAP*), except to the extent that adherence to requirements of the Uniform Act, (P.L. 91-646, as amended, 42 U.S.C §4601, et seq. 49 CFR Part 24) required invocation of the USPAP Jurisdictional Exception Rule in certain instances, so as to conform with over-riding federal law relating to the valuation of real estate for government acquisition purposes.

Scope of Work of the Review Report	*(State the nature, extent, and detail of the review process)*

The process of this review involved both a field inspection of the property appraised, field inspection of applicable comparable sales used, and a desk review of the appraisal report itself. The desk review involved verification that the appraisal report is in compliance with the requirements and needs of the Mississippi Department of Transportation, Mississippi State Law, regulations promulgated by the Federal Highway Administration, and the Uniform Standards of Professional Appraisal Practice. Also, the desk review is to assure that acceptable appraisal practice and techniques have been followed; proper data has been considered and explained, and that there are no relevant errors or mistakes in the report that would have an effect on the value or mislead the client. In regards to this review, Standards Rule 3-3(a) –(c) states:

(a) When necessary for credible assignment results in the review of analyses, opinions and conclusions, the reviewer must:
  (i) Develop an opinion as to whether the analyses are appropriate within the context of the requirements applicable to that work.
  (ii) Develop an opinion as to whether the opinions and conclusions are credible within the context of the requirements applicable to that work; and
  (iii) Develop the reasons for any disagreement.

(b) When necessary for credible assignment results in the review of a report, the reviewer must:
  (i) Develop an opinion as to whether the report is appropriate and not misleading within the context of the requirements applicable to that work; and
  (ii) Develop the reasons for any disagreement.

(c) When the scope of work includes the reviewer developing his or her own opinion of value, review opinion, or real property appraisal consulting conclusion, the reviewer must comply with the Standard applicable to the development of that opinion.
  (i) The requirements of STANDARDS 1, 6, 7, and 9 apply to the reviewer's opinion of value for the property that is the subject of the appraisal review assignment.
  (ii) The requirements of STANDARD 3 apply to the reviewer's opinion of quality for the work that is the subject of the appraisal review assignment.

d) The requirements of STANDARD 4 apply to the reviewer's analysis, recommendation, or opinion for the consulting problem that is the subject of the appraisal consulting assignment.

Additions or Changes to the Scope of Work and Comments ***(If necessary)***	*Describe the nature, extent and detail of the field/desk review or any other additional scope of work.*
None	

Effective Date and Subject of the Review Report	*State the effective date of the opinion of the work under review, and the subject of an appraisal review assignment (i.e., all or part of an appraisal report, work file, or a combination of both)*

The effective date of this appraisal review report is 4/04/2022. The same effective date as shown as the effective date in the appraisal is being utilized in this review. Review inspected the subject property and related comparable sales on 4/07/2022.

The appraisal under review has been developed in compliance with USPAP Standard Rule 1 and reported in compliance with Standard Rule 2-2(b) as an Appraisal Report. The appraiser has invoked USPAP's Jurisdictional Exception provision in regards to Standard Rules 2-2(a)(v) and 2-2(b)(v); Standard Rule 1-3(a); and Standard Rule 1-4(f). Jurisdictional Exception is claimed based upon state law (Miss Code, Sec. 65-1-8) and federal laws and regulations (Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 and "The Uniform Appraisal Standards for Federal Land Acquisitions"). An Appraisal Report is based upon the depth of analysis presented. Based on the data presented in the report under review along with reference to the Market Data Books, the appraisal report under review is considered to be an Appraisal Report.

Ownership Interest Appraised in the Report Under Review	

Fee Simple

Summary of Approaches			
	Before Value	**After Value**	**Difference**
Sales Comparison Approach	$33,575	$0	$33,575
Cost Approach			
Income Approach			

Description of the Property Under Review	*(Size - Before, After and Acquisition; Improvements; Location of acquisition; etc.,)*

The subject property is a vacant urban tract of land located along the east side of McLeod Street. The subject property is more specifically described as being located in Part of Block 171, D.H. McInnis 1st Addition of the city of Hattiesburg situated within Section 10, Township 4 North, Range 13 West, Hattiesburg, Forrest County, MS. The tax ID number is 2-029J-10-170.00 or PPIN # 21852.

The total property consists 15,300 sq. ft. or 0.35 acres± consisting one vacant tax parcel. The site is rectangular in shape with access along the east side of McLeod Street just north of Hardy Street, a busy corridor for commercial uses in Downtown Hattiesburg.

The subject property's larger parcel consists of a total of 15,300 sq. ft. more or less or 0.35 acres± being rectangular in shape as shown by the plat provided. Reportedly, the subject property has approximately 102' of accessible frontage along McLeod Street x 150' in depth. It is noted; approximately 15% of the subject property is within Gordon's Creek. The portion within Gordon's Creek and its embankment are within a permanent drainage easement in favor of the city of Hattiesburg.

Typical utilities are available on-site to include water, sewer, electricity, gas, and telephone. Additionally, typical utility easements are reportedly along local roadways; however, none adversely affecting the subject property. Being within the City of Hattiesburg, the subject property is also serviced by both police and fire protection. As noted above, the property is encumbered with a permanent drainage easement which will be addressed as an adjustment for topography.

As previously indicated, the subject property is a vacant urban property being rectangular in shape. The property enjoys access from McLeod Street. The topography of the site was level at road grade with drainage appearing to be adequate with the site being located within the 100-year designated flood zone; AE. It should be noted that approximately 15% of the site is within Gordon's Creek and along the embankment being within a permanent drainage easement in favor of the city of Hattiesburg. This portion of the property is within flood zone AE; hatched. This area is along the northern property boundary of the subject property.

Being within the city, the subject property prescribes to city zoning of which the subject property is currently zoned B-3, Community Business District by the city of Hattiesburg. This zoning allows for commercial uses for retail, personal service, and office locations. The subject area is an older commercial district of Hattiesburg in the area in close proximity to downtown Hattiesburg with some revitalized commercial buildings.

The property is improved with a 5' chain link fence along three (3) sides with two (2) eight-foot gates. The total linear feet of gates and fencing is 337 linear feet.

Within the highest and best use discussion, the appraiser discussed the current zoning; location; and most likely use of the subject property as well as the use of properties adjacent to and in close proximity to the subject property. The appraiser determined the highest and best use as vacant to be for commercial development. The highest and best use as improved was considered not applicable as the property was vacant for all practical purposes.

The acquisition area consists of the total property as previously described. There is no remainder.

Please note; any Extraordinary Assumptions within the appraisal apply to this appraisal review as well.

Comments	*State all known pertinent information sufficient for the client and intended users to adequately understand the rational for the reviewer's opinion and conclusions.*

The Jurisdictional Exception Rule has been invoked and explained.

The appraiser talked with Mr. Fant whom declined to be present on the property owner inspection. The subject property was discussed as well as the project. Mr. Fant indicated he purchased the property at a tax sale via a quitclaim deed on 07/23/2009 and once used it as storage for his fence company across the road. It is outside the scope of this assignment to ascertain whether or not said tax sale was confirmed by the courts. The appraiser proceeded by valuing the property in fee simple. An LPA Acquisition Guide and other materials related to the subject property were emailed to property owner at a later date.

The appraisal was completed as an Appraisal Report of Land; which is the correct format as the property is vacant land.

Within the appraisal, the appraiser considered all three approaches to value. The appraiser developed a total before and after "land" value using the market approach to value. The cost approach was not developed as "land only" was being valued. Additionally, the Income Approach was not developed due to the nature of the property being "land only" with Income Data being for vacant land being limited. The only approach developed within the appraisal was the Sales Comparison Approach.

As stated on Page 11 of the appraisal report, a jurisdictional exception is allowed to utilized only the Sales Comparison Approach when adequate data is available. The market data for the property as vacant was adequate to provide a credible assignment result.

In the valuation of the subject's site identified consisting of 15,300 sq. ft. more or less or 0.35 acres± , the appraiser analyzed three (3) land sales ranging in size from 15,300 sq. ft.± to as large as 32,017 sq. ft.±. The sales ranged in price per square foot from a low of $1.02/sq. ft. to a high of $2.43/sq. ft. having occurred between 07/20 and 01/21.

After analyzing the market within their data base as well as searching the area for newer sales, the appraiser determined that the two older sales required a modest time adjustment, 5% per year, otherwise known as a

Market Conditions adjustment. The sales were all arm's length transactions; hence, no condition of sale adjustment was required.

All three (3) sales were considered somewhat similar to the subject property with all three (3) sales considered.

After adjustments for the elements of comparison discussed, the adjusted range in value was between a low of $0.87/sq. ft. to a high of $3.44/sq. ft.. For appraisal purposes, a unit value of $2.00/sq. ft. was adopted for the commercial site in the before condition or **$30,600.** The contributory value of the site improvements (337 linear feet of 5' cyclone fencing and gates) was added to the land value for a net indicated total before value.

The replacement cost new for the fencing and gates was estimated at $15/LF based on a quote by the property owner whom owns United Fence. This cost was reconciled using Marshall and Swift, a national cost source for real estate professionals, as well as other fence quotes received on other projects. This cost was in line or below costs indicated by the other sources. A 10% contingency fee was added plus 7% tax with depreciation estimate at 50%. The minor site improvements (fencing and gates) were then estimated at **$2,975 RO.** This value was added to the before land value for an indicated net value for the total property of **$33,575**.

The acquisition is a total take; hence, there is no remaining value.

The difference or estimated Just Compensation based on the Sales Comparison Approach is then **$33,575.**

Conclusion	*Address the completeness of the material under review, adequacy and relevance of the data, appropriateness of the appraisal methods and techniques, and the appropriateness and reasonableness of the work under review, and state any disagreements. (State the opinions, reasons, conclusions required in SR 3-1(d-g) given the scope of work defined)*

As this is a total acquisition from a vacant tract of land with minor site improvements, the appraiser completed a total before and after value of the subject property's site. The appraiser has properly applied the Sales Comparison Approach for the value of the "land only" in both the before and after condition (note, complete acquisition; hence, no after valuation.) The Cost and Income approaches to value were not considered necessary due to the available market data being adequate as well as "land only" being valued.

The following opinions were developed as a result of my review of the appraisal that is the subject of this report.

The value opinions stated in the report under review were developed in compliance with the applicable standards and requirements. I recommend the appraisal report for use as the establishment of Just Compensation due the owner as a result of the acquisition. The valuation techniques and analysis were acceptable, supported, and not misleading. As the value opinions were acceptable, the reviewer wasn't required to develop an independent value conclusion.

I recommend the appraiser's conclusion in regards to valuation of the subject property in the before and after condition. The final value conclusion is based on the Sales Comparison Approach.

The estimated due compensations is then **$33,575**.

The estimate of just compensation, which includes fair market value of the property, damages to the remaining property, if any, and such curative costs as are permitted by the Laws of the State of Mississippi, is $33,575 and is recommended as the basis for the establishment of the amount believed to be just compensation.

The recommended estimate of just compensation includes the following amounts compensable under State Law but not eligible for Federal reimbursements: (if none, state "none") None

Recommended Distribution of Final Estimate of Value

Parcel	Land	Improvements	Damages	Total
PPIN # 21852	$30,600	$2,975	$0	$33,575
Total: ***Thirty-Three Thousand Five Hundred Seventy-Five Dollars***				

Date
4/14/2022

Review Appraiser



John B. "Jeb" Stewart, SR/WA
State Licensed Certified General Real Estate Appraiser # 231

Assumptions and Limiting Conditions

This appraisal review is subject to the following underlying assumptions and limiting conditions:

1. This review is of the property described in this report.

2. The reviewer has made no survey of the property and assumes that the areas and dimensions shown herein are correct. Any sketch or identified survey of the property included in this report is the only for the purpose of assisting the reader in visualizing the property.

3. The reviewer assumes that the proposed project will be constructed in accordance with plans provided to reviewer and within established proposed right-of-way limits except as when needed construction easements, either temporary or permanent in nature. Reviewer reserves the right to make changes or additions to this review when necessary if notified of any change, additions, or alterations in plans provided.

4. This review incorporates the assumptions and limiting conditions of the appraisal report under review and is based upon information, estimates, and opinions that were expressed in the appraisal report as well as other sources considered being reliable and believing them to be true and correct. The reviewer does not assume responsibility for the accuracy of such items that were furnished by other parties.

5. Possession of this report does not imply the right of publication and it may not be used without the consent of the City of Hattiesburg.

6. If relevant information or errors come to the attention of the review, the reviewer reserves the right to change and revise valuations in this report.

7. This report is to be used in its entirety. The reviewer is not responsible if any part of this report is used to the exclusion of the remainder.

8. The reviewer will not disclose the contents of this review or appraisal report, except as provided for in the Uniform Standards of Professional Appraisal Practice.

9. Reviewer assumes the property to be free and clear of any and all hazardous waste and material or environmental contaminants. Unless otherwise stated in the appraisal report, the reviewer has no knowledge of any hidden or unapparent conditions of the property or adverse conditions (including the presence of hazardous wastes, toxic substances, etc.) that would make the property more or less valuable, and has assumed that there are no such conditions and makes no guarantees or warranties, express or implied, regarding the condition of the property. The reviewer will not be responsible for any such conditions that do exist or for engineering or testing that might be required to discover whether such conditions exist. Because the reviewer is not an expert in the field of environmental hazards, the review report must not be considered an environmental assessment of the property.

There **are no** additional assumptions and limiting conditions applicable to this review appraisal.

Certificate of Review Appraiser

I certify that, to the best of my knowledge and belief:

The facts and data reported by the review appraiser and used in the review process are true and correct.

The analyses, opinions, and conclusions in this review report are limited only by the assumption and limiting conditions stated in this review report, and are my personal, unbiased professional analyses, opinions, and conclusions. The recommended estimate of just compensation has been reached independently based on appraisal(s) and other factual data or record without collaboration.

I have no present or prospective interest in the property that is the subject of this report and I have no personal interest or bias with respect to the parties involved. I have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.

My engagement in this assignment was not contingent upon developing or reporting predetermined results and my compensation is not contingent on the analyses, opinions, or conclusions reached or reported.

The real property appraisal review documented in this appraisal review report was completed in accordance with the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 USC 4601 et seq.), and requirements for appraisal review as outlined in 49 CFR 24, Subpart B, dated January 4, 2005. To the extent appropriate under the Laws of the State of Mississippi, the real property appraisal review documented in this appraisal review report was completed in conformity with the Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA), which are compatible with standards and practices of the Appraisal Foundation's Uniform Standards of Professional Appraisal Practice (USPAP), except to the extent that compliance with the Uniform Act, 49 CFR 24, and the UASFLA required invocation of the (USPAP) Jurisdictional Exception Rule in certain instances, so as to conform with the over-riding federal law relating to the valuation of real estate for government acquisition purposes.

I did personally inspect the subject property of the work under review, and I did personally inspected the market comparable sales cited in the appraisal report under review, and I did not personally verify the factual data presented in the appraisal report under review.

I understand that this estimate may be used in connection with Federal Aid Highway Project.

Unless expressly stated otherwise in this report, no one provided significant professional assistance to the review appraiser signing this review report.

The value estimate is based on the assumption that the property is not negatively affected by the existence of hazardous substances or detrimental environmental conditions unless otherwise stated in this report. The reviewer is not an expert in the identification of hazardous substances or detrimental environmental conditions. The reviewer's routine inspection of and inquisition about the subject property did not develop any information that indicated any apparent significant hazardous substances or detrimental environmental condition which would affect the property negatively unless otherwise stated in the report. It is possible that tests and inspections made by a qualified hazardous substances or environmental expert would reveal the existence of hazardous substances or detrimental environmental conditions on or around the property that would negatively affect its value. The reviewer reserves the right to make necessary adjustments, if needed, in this report of any hazardous substances or detrimental environmental conditions are discovered on or around the property being appraised. The review process has been made with the assumption that the appraised property and other properties around the appraised property are free and clear of any hazardous substances or detrimental environmental conditions.

I have performed a prior review on an appraisal of the subject property before the most recent revision within the past three-year period immediately preceding acceptance of this assignment.

Based upon my independent review of the attached appraisal report and the exercise of my professional judgment, the recommended estimate of just compensation is $33,575.

Review Appraiser (sig.): John B. Stewart **Date:** 4/14/2022

(*print name*) John B. "Jeb" Stewart, SR/WA

(*license*) State Licensed Certified General Real Estate Appraiser # 231

APPRAISAL REPORT
of
Land

Parcel Number(s)	2-029J-10-170.00 / PPIN #21852
Owner	Kevin Fant
Vacant / Occupied / Leased	Vacant
County	Forrest
Project Description	Gordon's Creek Commons Project
Effective Date of the Appraisal	04/04/2022
Report Date	04/12/2022
Report Requested for	Original Appraisal

Prepared For

City of Hattiesburg
c/o Lamar Rutland, P.E.
Director of Engineering

This Appraisal and Appraisal Report Was Prepared By

COLLINS & NULL
APPRAISALS, INC.

6760 US Hwy 98, Suite 2 Hattiesburg, MS 39402
601-271-9044 (T) 601-271-9099 (F)

George Null, MAI
State Certified General
Real Estate Appraiser, GA-679

Possession of this report does not carry or imply a right of use and/or publication. This real property appraisal report is the property of the City of Hattiesburg and may not be utilized or cited in whole or in part without the express written consent of an authorized agent or official of the City of Hattiesburg.

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Appraisal Report

County	Forrest County		
Owner(s):	Kevin Fant	**Address:**	255 McLeod Street, Hattiesburg, MS 39402
Phone:	(601) 466-2338		
Occupant(s):	Vacant	**Address:**	
Phone:			

Estate Appraised: ☒ Fee ☐ Easement ☐ Quit-Claim

Area of Whole Tract	**+/- 0.35 Acres or 15,300 sf**
Area of Remaining Tract	**+/- 0.0 Acres**
Area to be Acquired	**+/- 0.35 Acres or 15,300 sf**

Within the scope of the assignment and consistent with USPAP Standard Rules 1 and 2-2, the following analyses, opinions and conclusions have been developed and are reported in this **Appraisal Report**. Within the Scope of Work which is described in more detail later in this report, it may be necessary to invoke the Jurisdictional Exception Rule of the USPAP in certain instances so as to maintain conformity, and compliance with certain laws of the State of Mississippi, and certain Federal Regulations promulgated pursuant to The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et seq., and regulations promulgated pursuant thereto found at 49 C.F.R. Part 24.

Property Owner Contact Record

Subject Property Inspection Dates:	04/04/2022
George Null spoke with Kevin Fant on April 1st, 2022. I offered him an opportunity to be present and discussed the project and the history of the property. He stated he bought it at a tax sale and previously used it for storage for his fence company that is across the street. He said he no longer uses it for storage, and it is excess land. He stated he did not need to be present during the inspection. I proceeded with my inspection on April 4th,2022. The property is a vacant lot, that is partially fenced. Approximately 15% of the property is in the Gordon's Creek drainage and is not useable. I documented this inspection with photographs found in this report. Following the inspection, I forwarded an email with a copy of the plat, the Citizen's acquisition guide, and the overall project site plan to the property owner.	
Contact Comments	**See Above**
Is the Property being Leased or Rented? ☐ Yes ☒ No	
Lessor:	**Lessee:**
Terms:	

Appraiser:
(*signature*)  **Date:** 04/12/2022
(*print name*) George Null, MAI
(*license type*) State Certified General Real Estate Appraiser, GA-679

Summary of Facts and Findings

Project No. Gordon's Creek Commons Project	**Parcel No.** 2-029J-10-170.00 / PPIN #21852

Property Owner: Kevin Fant **Address:** 255 McLeod Street, Hattiesburg, MS 39402 **Phone:** (601) 466-2338	**Leasehold (Tenants)** N/A **Address:** N/A **Phone:** N/A

Identification of the Property Appraised:	*Brief description of property identification, such as Section, Township, Range, Lot and Block, Street Address, etc.*
The subject property is contained in one parcel of land located along the east side of McLeod Street. The property parcel is partially located in Gordon's Creek. The legal states the boundaries as 102 feet east, 150 feet south, 120 feet west by 150 feet back to the beginning. This is a part of Block 171, D.H. McInnis 1st Addition of the City of Hattiesburg. Section 10, Township 4 North, Range 13 West, Forrest County, Mississippi.	

Estate Appraised:	*(Fee, Easement, Other)*
Fee Simple	

Size of the Whole Tract (Before):	+/- 0.35 Acres
Size of the Remaining Parcel (After):	+/- 0.00 Acres
Size of the Area to be Acquired:	+/- 0.35 Acres or 15,300 square feet

Highest and Best Use Before (Whole Tract):	Commercial
Highest and Best Use After (Whole Tract):	Complete Take

Size of the Larger Parcel(s) *(If different from the Whole Tract)*	+/- 0.35 Acres
Highest and Best Use of the Larger Parcel(s)	Commercial

Unit Value of the Land (Before)	$2.00/sf
Unit Value of the Land and Improvements (Before)	$2.00/sf
Unit Value of the Land (After)	$0.00/sf
Unit Value of the Land and Improvements (After)	$0.00/sf

Improvements:	
There is a five foot, chain link fence running along McLeod Street for approximately 102 feet, thence approximately 85 feet along the north line and 150 feet along the south line. The total length of fencing equals 337 linear feet. There are also (2) eight foot gates in this total linear footage. There are no other contributory improvements located on the property.	

Total Before Value:	**$33,575**
Total After Value:	**$0**
Just Compensation:	**$33,575**

Allocation of Compensation for All interest: *(List all interest such as Q interest, Temporary Easements, Warranty Deeds, etc.)*
None

Parcel No.	Land	Improvements	Damages	Total
PPIN# 21852	$30,600	$2,975	$0	$33,575

Effective Date of the Appraisal:	**04/04/2022**
Date of Report:	**04/12/2022**

Certification of Appraiser

I certify that, to the best of my knowledge and belief:

The statements of fact contained in this report are true and correct;

The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and legal instructions and are my personal, impartial, and unbiased professional analyses, opinions, and conclusions;

I have no present or prospective interest in the property appraised and no personal interest or bias with respect to the parties involved;

Neither my engagement or my compensation for completing this appraisal assignment was contingent upon my developing or reporting a predetermined result, predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal;

The real property appraisal documented in this appraisal report was completed in accordance with the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 USC 4601 et seq.), and requirements for appraisals as outlined in 49 CFR 24, Subpart B, dated January 4, 2005. To the extent appropriate under the Laws of the State of Mississippi, the real property appraisal documented in this appraisal report was completed in conformity with the standards and practices of the Appraisal Foundation's Uniform Standards of Professional Appraisal Practice (USPAP), except to the extent that compliance with the Uniform Act, 49 CFR 24, required invocation of the (USPAP) Jurisdictional Exception Rule in certain instances, so as to conform with the over-riding federal law relating to the valuation of real estate for government acquisition purposes.

This appraisal conforms with the appropriate State laws, regulations, policies, and procedures applicable to the appraisal of real property rights proposed to be acquired by a government entity or other local public agency;

Unless expressly stated otherwise in this report, I made a personal inspection of the property appraised and the property owner, or his/her designated representative, was given the opportunity to accompany me on the inspection;

George Null made a personal inspection of the property that is the subject of this report on 04/04/2022.

Any decrease or increase in the fair market value of the real property prior to the date of valuation caused by the public improvement for which such property is to be acquired, or by the likelihood that the property would be acquired for such improvement, other than that due to physical deterioration within the reasonable control of the owner, was disregarded in determining the compensation for the property;

No one has provided significant professional assistance to me in the performance of this appraisal.

I have not performed any services regarding the subject property by the appraiser within the three (3) year period immediately preceding acceptance of the assignment, as an appraiser or any other capacity; If applicable: ;

I have not revealed the findings and results of this appraisal report to anyone other than the proper officials of the City of Hattiesburg, and I will not do so until authorized by the client or until required by law.

My analyses, opinions and conclusions were developed, and this report has been prepared, in conformity with Uniform Standards of Professional Appraisal Practice, as promulgated by the Appraisal Foundation;

The use of this report is subject to requirements of the Uniform Standards of Professional Appraisal Practice relating to review by its duly authorized representatives;

George Null is state certified by the State of Mississippi as a General Real Estate Appraiser, License No. GA-679, and as of the date of this report, has completed the continuing education program required to maintain that license.

Based upon my independent appraisal and the exercise of my professional judgment, it is my opinion that the valuation of the subject property is as follows:

Fair Market Value of the Whole Tract (as defined in this report)	**Before**	**$33,575**
Fair Market Value of the Remainder Property	**After**	**$0**
The difference between the Fair Market Value of the whole tract and the remainder is		**$33,575**

as of 04/04/2022, and is my opinion of just compensation, for the acquisition of the real property rights described in this appraisal report.

Date **04/12/2022** **Appraiser *(sig.)***



(name) George Null, MAI

(License) State Certified General Real Estate Appraiser, #GA-679

Appraisal Scope of the Work

Identification of Client and Intended Users

The City of Hattiesburg requested appraisal of the property described in this report. The intended user of this appraisal report is the City of Hattiesburg and such employees or agents authorized by the City of Hattiesburg to utilize the information contained herein. There are no other intended users.

Intended Use of the Appraisal Report

The facts, analyses, opinions, and conclusions contained in this appraisal report establish an estimate of just compensation, as prescribed under the laws of the State of Mississippi, payable for the acquisition of specified real property rights, being acquired for public use. The estimate of just compensation in this appraisal report includes the fair market value of the property and such curative costs as are permitted by the Laws of the State of Mississippi, and, upon determination by appraisal review that this appraisal report complies with all applicable standards and requirements, serves as the basis for the establishment of the amount believed to be just compensation for the acquisition of the "real property" described herein. There are no other intended uses.

Purpose of the Appraisal

The purpose of the appraisal is to render an opinion as to the Fair Market Value of specified real property as of the stated date and, through application of the Before and After Rule as prescribed under the laws of the State of Mississippi, the valuation of the remainder of specified real property. The difference between these two valuations is the value being sought by the client and is reported to the client as the "fair market value of the area to be acquired and damages, if any, to the remainder".

Parameters of Data Search

The scope of the assignment is to collect and verify as completely as possible, comparable sales, and rentals, if applicable, from within the subject area, or other areas that, in the opinion of the appraiser, are reasonably comparable to the subject area, so that a value conclusion may be derived.

Sources of the data, utilized for this appraisal, include county deed records, real estate brokers, real estate appraisers, and other individuals knowledgeable in the local real estate market and, as applicable and appropriate, other individuals knowledgeable in specific types of property. One or more of the principals involved in the transactions, grantor, grantee, attorney, financier, broker of the transaction, or their representatives, have verified the market sales used in this report. Mississippi is a non-disclosure State. Other than the recordation of a deed, there is no legal requirement for grantors, grantees, or other parties to a transaction, to disclose any information relative to the transfer of real property. Since there is no legal requirement for the deed to include the transaction price when it is recorded, it is possible that there are transactions for which purchase price data could not be obtained.

Extent of Property Inspection

Per **the USPAP Scope of Work Rule**, "*The report must contain sufficient information to allow intended users to understand the scope of work performed*". The extent of the subject property inspection, including interior and exterior areas, is required content of the appraisal report per the USPAP scope of work rule and per guidance on Federal regulation requirements (49 CFR Part 24). The "extent of the inspection process" includes but is not limited to a declaration as to the part or parts of the property that were actually viewed or not viewed during the inspection; for structures and other improvements, whether such items were physically measured by the appraiser, whether interior and/or exterior inspection was performed for each item, and a declaration regarding the level of detail associated with the inspection of tangible property. The following is a description of the extent of the inspection performed on the subject property for this appraisal assignment

George Null spoke with Kevin Fant on April 1st, 2022. I offered him an opportunity to be present and discussed the project and the history of the property. He stated he bought it at a tax sale and previously used it for storage for his fence company that is across the street. He said he no longer uses it for storage, and it is excess land. He stated he did not need to be present during the inspection. I proceeded with my inspection on April 4th,2022. The property is a vacant lot, that is partially fenced. Approximately 15% of the property is in the Gordon's Creek drainage and is not useable. I documented this inspection with photographs found in this report.

Following the inspection, I forwarded an email with a copy of the plat, the Citizen's acquisition guide, and the overall project site plan to the property owner.

Valuation Process

The data obtained is to be analyzed, when appropriate, via the Cost, Income, and Sales Comparison Approaches to Value, with appropriate support for any adjustments made and the value conclusions. The values derived via these three approaches, if applied, are then reconciled into final opinions of value for the subject property for both the before condition and after condition, respectively. The just compensation opinion thus derived by this process encompasses the value of the partial acquisition, improvements within the acquisition, damages to the remainder (if any), including any curative costs impacted by the acquisition in accordance with the Uniform Act and the Laws of the State of Mississippi.

Property Rights Appraised

The property rights appraised in this report consist of fee simple ownership.

"Fee Simple Estate" is defined as: "Absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power and escheat." Source: Appraisal Institute, *The Dictionary of Real Estate Appraisal*, 6th ed., s.v. "fee simple estate", (Chicago: Appraisal Institute, 2015), PDF e-book.

Property Estate(s) Appraised:	*List and describe, if necessary, the property right(s) appraised (i.e., fee simple, easement, other)*
Fee Simple.	

Fair Market Value Defined

Fair Market Value is value in exchange. It is "the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress". (*See the Terms and Definitions section of this report for the source of this definition*)

Assumptions and Limiting Conditions

This appraisal is subject to the following underlying assumptions and limiting conditions:

The appraiser certifies that to the best of his or her acknowledge and belief, the statements contained in this appraisal report, subject to the limiting conditions set forth below are correct.

This appraisal is of the property described in this report.

The appraiser has made no survey of the property and assumes that the areas and dimensions shown herein are correct. Any sketch or identified survey of the property included in this report is only for the purpose of assisting the reader in visualizing the property.

Certain information in this report was obtained from and/or furnished by sources believed to be reliable; however, the absolute accuracy of information is not guaranteed. If relevant information or errors come to the attention of the appraiser, the appraiser reserves the right to change, alter, revise, or void the opinions contained in this report in part or in their entirety.

Possession of this report does not imply the right of publication and it may not be used without the consent of the City of Hattiesburg. This report is to be used in its entirety. The appraiser is not responsible if any part of this report is used to the exclusion of the remainder.

I am not familiar with any engineering studies made to determine the bearing capacity of the land or that indicate any mineral contents of a significant nature.

The appraiser has no knowledge of the existence of hazardous materials on the property unless otherwise stated in this report. The appraiser, however, is not qualified to detect such substances. The presence of any such substances, which may be potentially hazardous materials, may affect the value of the property. However, as directed by the client, City of Hattiesburg, this value estimate is predicated on the assumption that there are no such materials on or in the property that would cause a loss in value.

To the best of my knowledge no portion of the value assigned to the subject property is for items, which are non-compensable according to established law of the State of Mississippi.

This property has been appraised as though free of all liens, unless otherwise stated herein. No responsibility is assumed for matters legal in nature, nor is any opinion of title rendered herewith. Good title is assumed.

Certain background and other relevant information applicable to the appraisal of this property and for this appraisal report is given in the project data brochure, which is incorporated herein by reference.

This appraisal was performed within requirements of regulation, law, and supplemental appraisal standards that are applicable to appraisals performed for governmental acquisitions and thus, certain valuation opinions and conclusions stated in this appraisal report are affected by these requirements. Applicable Mississippi Law is found at Mississippi Code Section 65, Section 43, Section 11, and also found in certain published decisions of the Mississippi Supreme Court as they pertain to property acquisition by Eminent Domain. Applicable Federal Law is found in the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et se*q.,* and regulations promulgated pursuant thereto found at 49 C.F.R. Part 24*,*

The reported value estimate assumed no impact on value because of “Section 404 wetlands”, as defined by the U. S. Army Corps of Engineers. The client is urged to seek advice of an expert to determine any potential impact on wetlands on the property.

There **are no** additional assumptions and limiting conditions applicable to this appraisal.

Extraordinary Assumptions and Hypothetical Conditions

Standard Rule 1-2(f) and (g) and Standard Rule 2-2 (a)(xi) and (b)(xi) of the *Uniform Standards of Professional Appraisal Practice* require the appraiser to identify and state all extraordinary assumptions and hypothetical conditions when developing and reporting an appraisal.

- identify any extraordinary assumptions necessary in the assignment. An extraordinary assumption may be used in an assignment only if:
(i) the extraordinary assumption is required to properly develop credible opinions and conclusions;
(ii) the appraiser has a reasonable basis for the extraordinary assumption; and
(iii) use of the extraordinary assumption results in a credible analysis;

- identify any hypothetical conditions necessary in the assignment. A hypothetical condition may be used in an assignment only if:
(i) use of the hypothetical condition is clearly required for legal purposes, for purposes of reasonable analysis, or for purposes of comparison; and
(ii) use of the hypothetical condition results in a credible analysis; and
(h) determine the scope of work necessary to produce credible assignment results in accordance with the SCOPE OF WORK RULE.24

USPAP- 2020-2021 Standards Rule 1-2 – (f)-(g)

USPAP 2020-2021, pg. 4 defines extraordinary assumption as "assignment-specific assumption as of the effective date regarding uncertain information used in an analysis which, if found to be false, could alter the appraiser's opinions or conclusions. Uncertain information might include physical, legal or economic characteristics of the subject property; or conditions external to the property, such as market conditions or trends, or the integrity of data used in an analysis.

USPAP 2020-2021, pg. 4 defines hypothetical condition as "a condition, directly related to a specific assignment, which is contrary to what is known by the appraiser to exist on the effective date of the assignment results but is used for purpose of analysis." Hypothetical conditions are contrary to known facts about physical, legal, or economic characteristic of the subject property; or about conditions external to the property, such as market conditions or trends; or about the integrity of data used in an analysis.

An appraiser cannot make an assumption or accept an instruction that is unreasonable or misleading, nor can an appraiser make an assumption that corrupts the validity of the value estimate. Written legal instructions that have proper foundation must be accepted and must be included in the appraisal report.

Following, if applicable, are all extraordinary assumptions and/or hypothetical conditions that affected the analyses, opinions, and conclusions of this report which are explained in the scope of work:
1) The appraisal of the AFTER condition is performed under the hypothetical condition that, as of the appraised date of value, the proposed real property acquisition is completed, any associated construction for the project is complete, and that the construction is consistent with the plats and plans described in this report. 2) Mr. Fant purchased the property via a tax deed in 2009. This was conveyed as a Quitclaim Deed. There may be further confirmation of the title to insure fee simple ownership. Any costs to cure title deficiencies were assumed to be handled by the property owner or client and outside the scope of this report. With this said, the ownership was assumed to be fee simple.

Following, if applicable, are appraiser instructions that affected the analyses, opinions, and conclusions of this report:
None

Statement on The Use of Significant Professional Assistance and The Use of Consultant's Report(s)

If professional assistance was provided to the appraiser, the name of the individual(s) providing such assistance must be stated below. This includes both professional appraisal assistance and providers of subsidiary assistance, e.g., appraisers, registered foresters, architects, attorneys, planning and permitting consultants, engineers, cost estimators, marketing consultants, etc., etc.

If applicable, the following is a description of any necessary or appropriate steps that were performed in the completion of this appraisal assignment that were not previously noted in the scope of work, including a list of the individual(s) providing professional assistance and the type and extent of assistance provided.

Survey plats were provided to the appraiser from Clearpoint Consulting Engineers, P.A. Wetlands and flood zone maps were referenced from online databases.

Declaration of Jurisdictional Exception to the Uniform Standards of Professional Appraisal Practice

In conformity with the requirements of USPAP Standard Rule 2-1(a, b, & c), this section of the appraisal report references those specific laws and regulations that prescribe methods and procedures of appraisal and appraisal reporting contrary to that required by USPAP. Application of the Jurisdictional Exception Rule of the USPAP is hereby declared.

Linking Estimate of Value to Specific Exposure Time:

The Comment to USPAP Standards Rule 1-2(c) states *"when reasonable exposure time is a component of the definition for the value opinion being developed, the appraiser must also develop an opinion of reasonable exposure time linked to that value opinion".* The Comment to USPAP Standards Rule 2-2(a)(v) and 2-2(b)(v) states *"when an opinion of reasonable exposure time has been developed in compliance with Standards Rule 1-2(c), the opinion must be stated in the report".* Under Federal appraisal standards, "exposure time" statements are not permitted to appear in appraisal reports prepared for governmental acquisitions. Therefore, pursuant to the authority conveyed to the public agency through Miss. Code, Sec. 65-1-8 all real property appraisals prepared for the client, whether by staff employees or contracted fee appraisers, shall invoke a Jurisdictional Exception to the requirements of USPAP 2-2(a)(v) and 2-2(b)(v) in order to maintain compliance with Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646.

Consideration of Land Use Regulations:

USPAP Standard Rule 1-3(a) requires analysis of the effect existing land use regulations and reasonably probable modifications to same. This requirement is contrary to Federal appraisal requirements found at 49 CFR 24.103(b). All real property appraisals performed for the local public agencies/ government authorities, whether by staff employees or contracted fee appraisers, must disregard any recent rezoning if such rezoning was a consequence of, or in anticipation of, the government project for which the appraisal is being conducted. Therefore, pursuant to requirements of Federal regulation at 49 CFR 24.103(b), all real property appraisals shall invoke a Jurisdictional Exception to the requirements of USPAP 1-3(a) in order to maintain compliance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et se*q.,* and regulations promulgated pursuant thereto.

Consideration of Anticipated Public Projects:

USPAP Standard Rule 1-4(f) requires the appraiser to analyze the effect on value of anticipated public improvements located on or off the property appraised. The appraisal requirements of USPAP Standard Rule 1-4(f) are contrary to State and Federal Law regarding appraisals performed for government acquisitions. All real property appraisals performed for the City of Hattiesburg, whether by staff employees or contracted fee appraisers, must disregard any decrease or increase in the fair market value of real property caused by the government project for which the appraisal is being conducted. Therefore, per Mississippi Law found in the Miss. Code, at Sec. 43-37-3I and Federal Law found in Title III, Sec. 301(3) of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et se*q.,* and regulations promulgated pursuant thereto found at 49 C.F.R. Part 24.103(b) all real property appraisals performed for the City of Hattiesburg shall invoke a Jurisdictional Exception to the requirements of USPAP 1-4(f).

Valuation by Market Approach Only (a.k.a. Sales Comparison Method):

Unless specifically prohibited by Law, all real property appraisals performed for the purpose of governmental acquisitions within the scope of The Uniform Act are authorized to omit cost and income approaches to valuation where sufficient sales data exists to produce a reliable opinion of value by use of the Market Approach alone *(a.k.a. Sales Comparison Approach)*. Therefore, pursuant to Federal Law under the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et se*q.,* and regulations promulgated pursuant thereto found at 49 C.F.R. Part 24.103(a)(3), all real property appraisals performed for local public agencies shall invoke Jurisdictional Exception to the requirements of Standard Rule 1-4(b, c), and Standard Rule 2-2(a)(xi) as it pertains to same.

Additions to the Scope of Work and Comments *(If necessary)*	
The Scope of Work included: a) an inspection of the subject property and the research and collection of data pertaining to recent economic development and real estate activity in Forrest County, Mississippi, as well as other parts of the state. The Sales Comparison approach to value was used. Information was collected from courthouse records, files of reliable real estate professionals, property owners and developers, the search of public records through the use of commercial sources of data such as printed comparable data services and computerized databases. Search parameters such as dates of sales, leases, locations, sizes, and types of properties were started with relatively narrow constraints and, if necessary, were expanded until the appraiser had either retrieved data sufficient (in the appraiser's opinion) to estimate market value, or until the appraiser believed that he had reasonably exhausted the available pool of data. Efforts were made to verify the data with persons directly involved in the transactions such as buyers, seller, brokers, or agents. At the appraiser's discretion, some data was used without personal verification if, in	

the appraiser's opinion, the data appeared to be correct. In addition, the appraiser considered any appropriate listings or properties found through observation during appraiser's data collection process. The appraiser reported only the data deemed to be pertinent to the valuation problem;

b) has investigated and analyzed any pertinent easements or restriction, on the fee simple ownership of the subject property. It is the client's responsibility to supply the appraiser with a title report. If a title report is not available, the appraiser will rely on a visual inspection and identify any readily apparent easements or restrictions;

c) has analyzed the data found and has reached conclusions regarding the market value, as defined in the report, of the subject property as of the date of value using appropriate valuation approach(es) identified above;

d) has prepared the appraisal in compliance with the Uniform Standards of Professional Appraisal Practice as promulgated by The Appraisal Foundation and the Code of Professional Ethics and Certification Standard of the Appraisal Institute;

e) has prepared an Appraisal Report, as defined in USPAP, which includes photographs of the subject property, descriptions of the subject neighborhood, the site, and any improvements on the site, a description of the zoning, a highest and best use analysis, a summary of the most important sales used in the appraiser's valuation, a reconciliation and conclusion, and other data deemed by the appraiser to be relevant to the assignment. Pertinent data and analyses not included in the report may be retained in the appraiser's files.

Area & Neighborhood Data

Area Defined	*Brief description of the subject area boundaries or general limits, including the county or counties, prominent cities and prominent geographic features, i.e. Interstate or U.S. Highways, navigable waterways, etc.)*
The subject property is located along the east side of McLeod Street, in downtown Hattiesburg, Forrest County, Mississippi. This area consists primarily of commercial properties.	
Subject Location	☒ Urban ☐ Suburban ☐ Rural
Population Growth Rate	☐ Increasing ☒ Stable ☐ Decreasing
Primary Shopping/Trade Center – Area	Hattiesburg
Primary Shopping/Trade Center – County	Forrest
Nearest Employment Center	Hattiesburg

Neighborhood Defined	*(Brief description of the neighborhood area boundaries or general limits, including, if applicable, community name or other name reference utilized by area residents)*
The subject property is located along the east side of McLeod Street. The downtown area of Hattiesburg is to the east of the subject property. Both Hardy Street and West Pine Street are to the south. The surrounding uses are predominantly commercial uses. The subject neighborhood is a revitalized commercial area of Hattiesburg, west of the downtown Hattiesburg area.	
Neighborhood Zoning	☐ Res. ☒ Comm. ☐ Ind. ☐ Other ☐ None
Neighborhood Utilities	☒ Elec. ☐ Gas ☒ Water ☒ All ☐ Part ☒ Sewerage ☐ Other
Neighborhood Imp's	☒ Storm Sewer ☒ Crb/Gtr ☒ Sidewalk ☒ Street Lights ☐ Other
Schools	Hattiesburg Public Schools & William Carey University to the south
Recreational Facilities	
Fire	Hattiesburg
Police	Hattiesburg
Other	

Comments:	*(Comments regarding but not limited to real estate activity, recently completed or imminent public projects, significant private business projects / expansions / cutbacks, or other items worthy of noting, if applicable)*
The downtown Hattiesburg market is stable to increasing, with increased investment and demand in the area. There is a continued effort at revitalizing the downtown area with restaurants, bars, and retail shopping. Some of the historic homes have been revitalized and remodeled as well. Several restaurants have closed since COVID began. The continued demand in downtown Hattiesburg presents a stable, but cautious outlook for the area.	

Site Description

(Before – Acquisition - After**)**

Site Description — Before

An analysis of the subject site is particularly important in estimating its highest and best use and for separate valuation from the improvements. The following is a discussion of the subject site in the Before Condition.

Information, regarding the total ownership, has been obtained by the appraiser from current county records, the acquisition map and other reliable sources, including a physical inspection of the site. (A survey and/or metes and bounds description of the total subject property has not been provided to the appraiser)

Present Use of Site: Vacant, commercial land

Legal Description of the Total Ownership: The subject property is contained in one parcel of land located along the east side of McLeod Street. The property parcel is described as beginning 69 feet north of the southwest corner thence 102 feet east, 150 feet south, 120 feet west, 150 feet back to the beginning of Block 171, of the D.H. McInnis 1st Addition of the City of Hattiesburg in Section 10, Township 4 North, Range 13 West, Forrest County, Mississippi. See the plat on the following pages for a more precise legal description.



Location: The subject property is located east of McLeod Street and north of Hardy Street in Hattiesburg, Forrest County, Mississippi. Hardy Street is a busy corridor with a multitude of commercial uses in the downtown area of Hattiesburg.

Dimensions/Area/Shape: The subject property is rectangular in shape with access along McLeod Street. The larger parcel contains approximately +/- 0.35 acres and is contained in one tax parcel. The dimensions for the parcel (PPIN#

21852) contain approximately +/- 0.35 acres or 15,300 square feet and is approximately 102 feet x 150 feet in a rectangular shape.

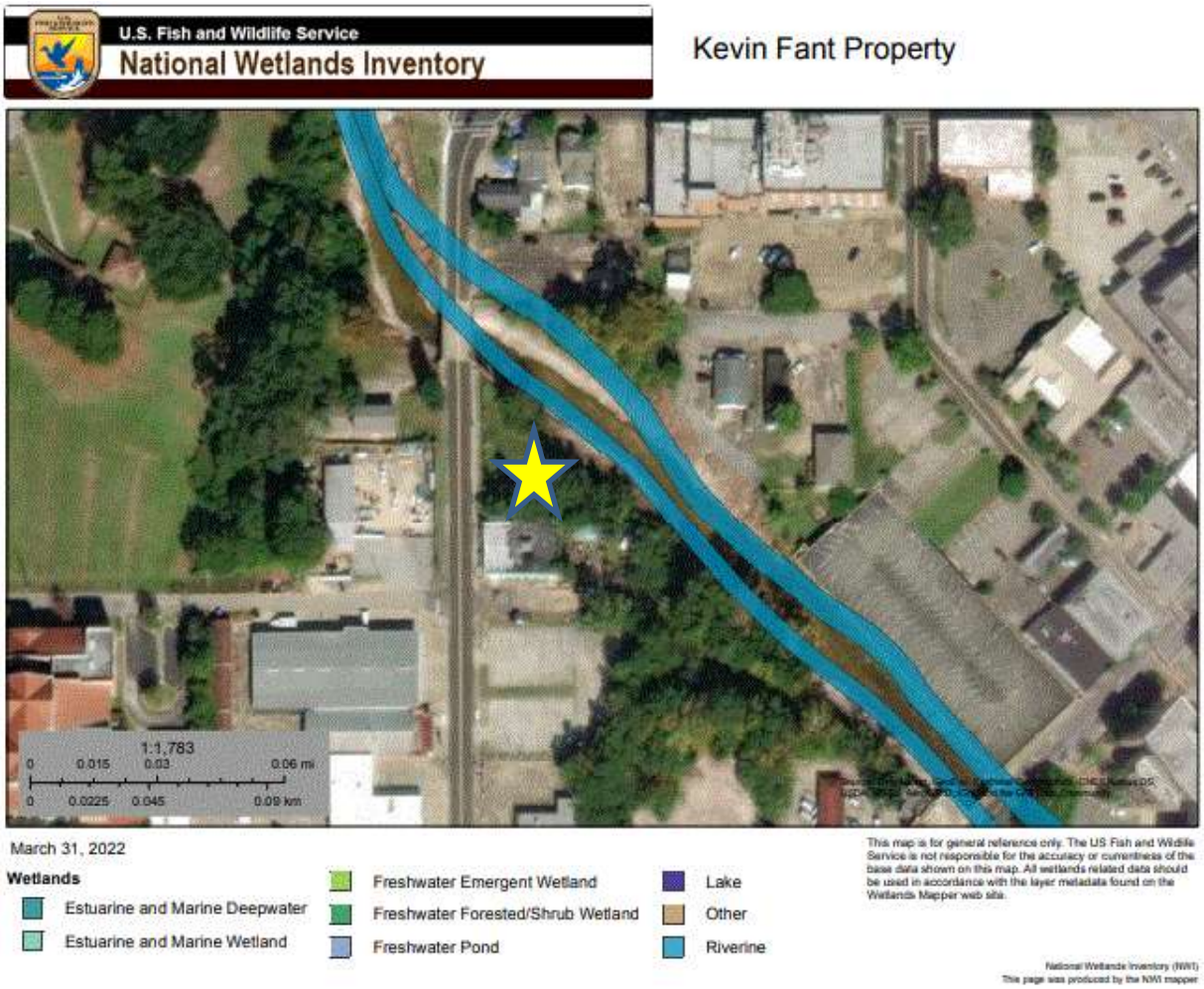
Frontage/Access: The property has +/- 102' of frontage along McLeod Street.

Topography: The subject property is a fairly level lot and is located almost entirely in a flood zone area.

Flood Plain and Drainage Data: According the FEMA National Flood Hazard map, identified as panel #: 28035C0108D, dated March 2nd, 2010, the property is located in a flood zone AE, which is a designated flood hazard area.



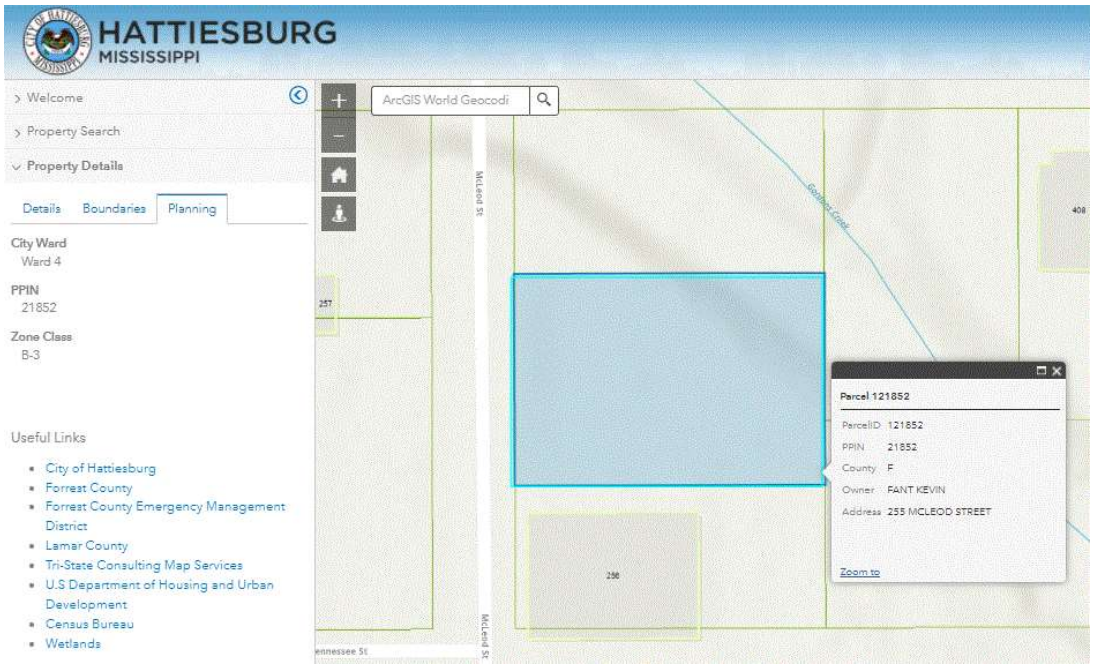
WETLANDS MAP



**** No wetlands are indicated on the subject property from the map found above.**

Use Restrictions: The property is zoned B-3, Community Business District by the City of Hattiesburg. This zoning allows for primarily commercial uses. Please see the addenda of this report for the full zoning ordinances.

4.5.10 B-3 Community Business District.	
Description and Purpose.	Characteristic Development Type
The purpose of the B-3 District is to provide for retail, personal service, and offices in locations with convenient access to the community consistent with comprehensive planning policies. This district is consistent with the Community Business District in the Comprehensive Plan.	
District Uses and Use Standards	See Section 5
District Dimensional Standards	See Section 6
District Development Standards	See Section 7
District Sign Standards	See Section 10



Site Improvements: There is a five foot, chain link fence running along McLeod Street for approximately 102 feet, thence approximately 85 feet along the north line and 150 feet along the south line. The total length of fencing equals 337 linear feet. There are also (2) eight foot gates in this total linear footage. There are no other contributory improvements located on the property.

Adjacent Land Uses: Commercial

Easements/Encumbrances: The City of Hattiesburg currently has a drainage easement on a portion of the property both along and within Gordon's Creek.

Utilities:



Electric Service Area
Mississippi Power Company
Telecomm Service Area
BellSouth Telecommunications, LLC
Gas Service Area
Willmut Gas and Oil Co.
Water Service Area
null
Sewer Service Area

Utility Service	Supplier	Utility Service	Supplier
Electricity	Mississippi Power Company	**Sewer**	City of Hattiesburg
Gas	Willmut Gas and Oil Co.	**Water**	City of Hattiesburg
Garbage Collection	City of Hattiesburg	**Telephone**	BellSouth Telecomm.

Comments:	*Include additional narrative, as needed.*
The subject is located in an older commercial area of Hattiesburg, with some new revitalized commercial buildings such as Blooms and The Thirsty Hippo. Gordon's Creek runs along the northern property boundary.	

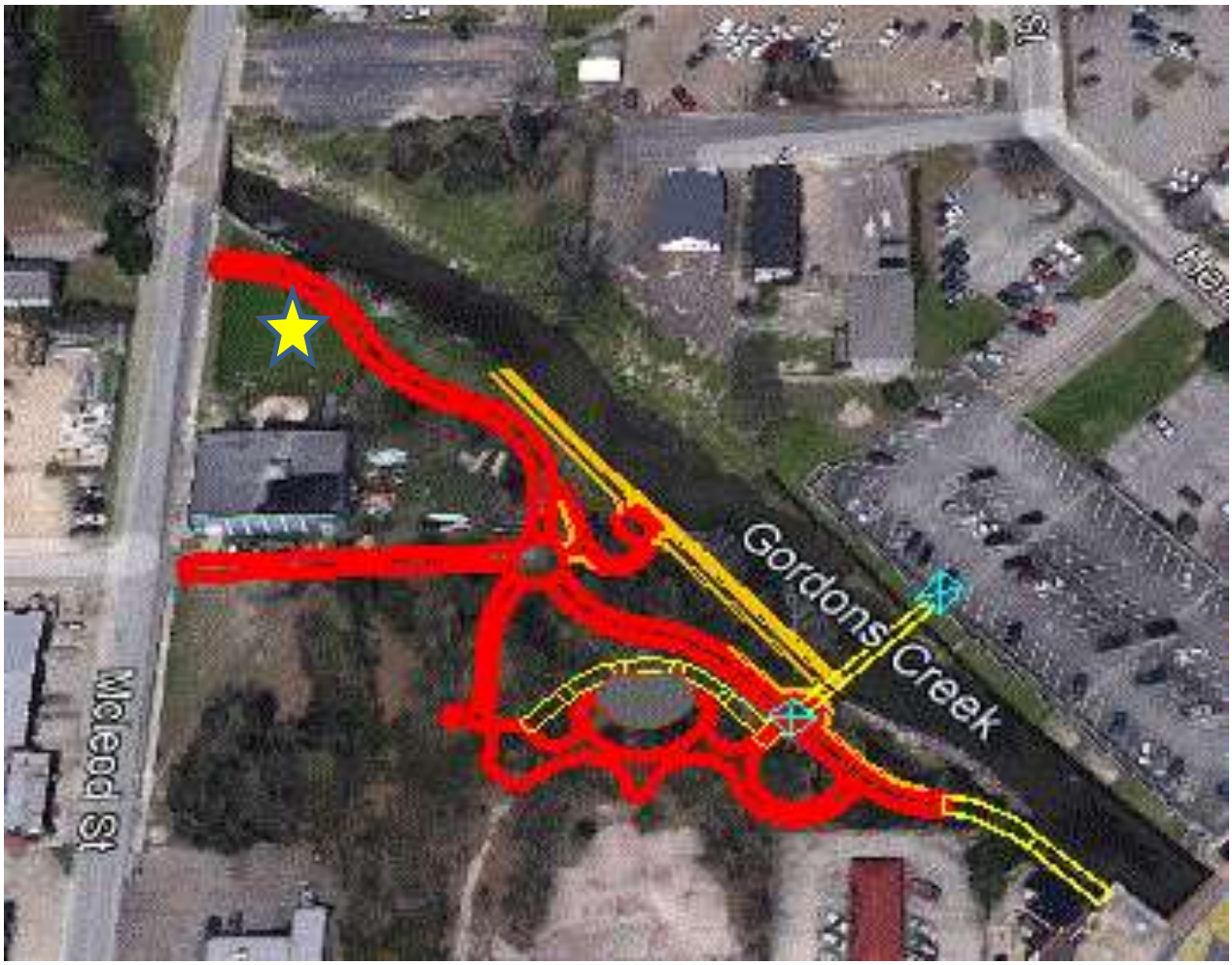
Site Description — Area of Acquisition

Location: The acquisition area is +/- 0.35 acres or +/-15,300 sf contained on PPIN#21852. The proposed acquisition area completely takes all land in PPIN# 21852.

Dimensions/Area/Shape: The fee simple acquisition area is +/- 0.35 acres or +/-15,300 sf contained on PPIN# 21852. The dimensions and shape are rectangular. See the plats for better detail.

Site Improvements: There is a five foot, chain link fence running along McLeod Street for approximately 102 feet, thence approximately 85 feet along the north line and 150 feet along the south line. The total length of fencing equals 337 linear feet. There are also (2) eight foot gates in this total linear footage. There are no other contributory improvements located on the property.

Rights to be Acquired for Each Parcel: Fee Simple



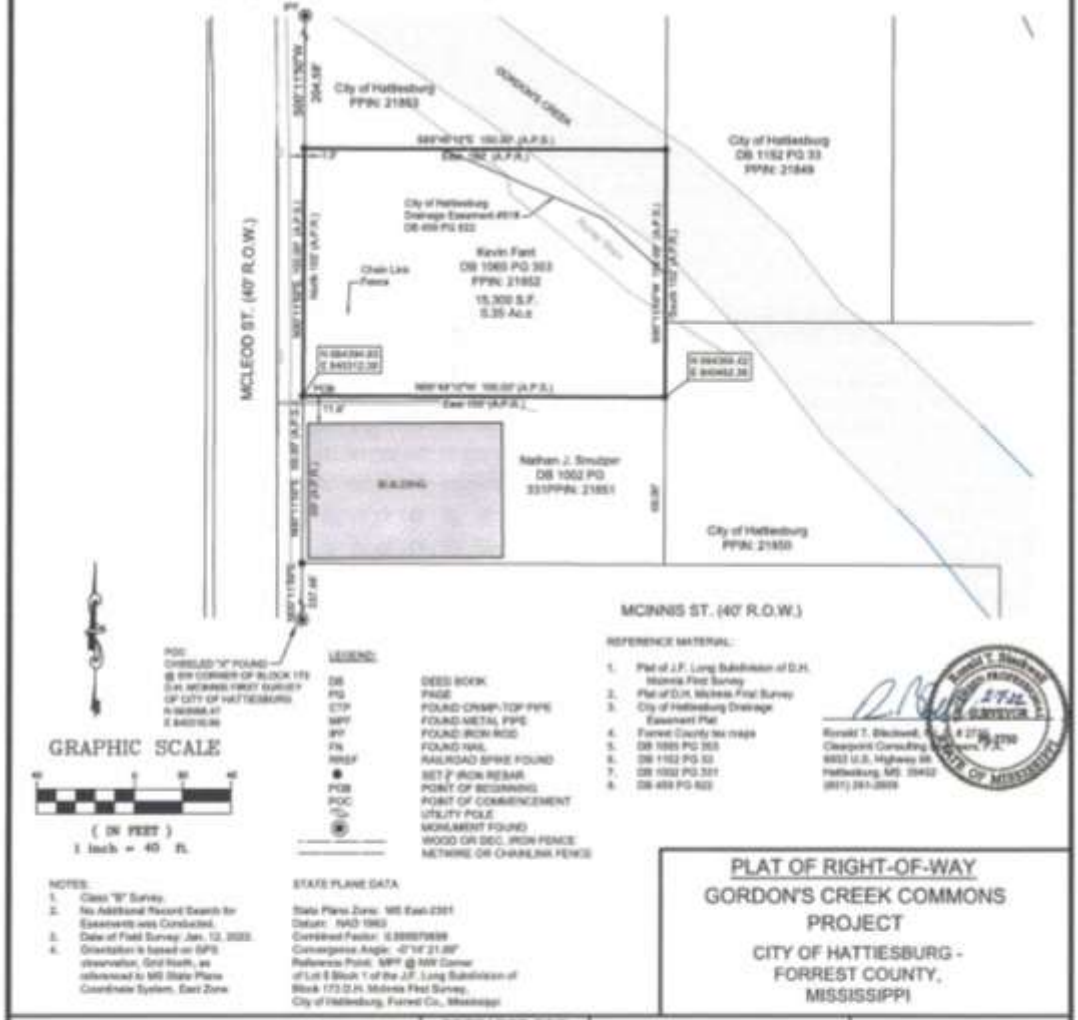
Aerial view of proposed project.

SURVEY

DESCRIPTION OF SURVEY AREA
KEVIN FANT
PPIN# 21852

A part of Block 171 of the D.H. McInnis First Survey of the City of Hattiesburg, Forrest County, Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, said parcel being described as follows, with bearings based upon Grid North derived from GPS observations and referenced to Mississippi State Plane Coordinate System (East Zone, NAD 83), with a convergence angle of (-)00° 14' 21.88" and using grid distances with a combined factor of 0.999970698 (determined at a metal pipe found at the NW corner of Lot 5 Block 1 of J.F. Long Subdivision of the D.H. McInnis First Survey of the City of Hattiesburg):

Commence at a chiseled "X" found at the SW corner of Block 173 of the D.H. McInnis First Survey of the City of Hattiesburg, said point having grid coordinates of N = 663988.47, E = 840310.99; thence run North 00 degrees 11 minutes 50 seconds East along the eastern right-of-way of McLeod St. for a distance of 337.46 feet to the SW corner of Block 171 of said D.H. McInnis First Survey; thence continue North 00 degrees 11 minutes 50 seconds East along said right-of-way for a distance of 69.00 feet to an iron pin set at the NW corner of that property described in Deed Book 1002 Page 331, to and for the POINT OF BEGINNING, having grid coordinates of N = 664394.93, E = 840312.39; thence continue North 00 degrees 11 minutes 50 seconds East along said right-of-way for a distance of 102.00 feet to an iron pin set at the SW corner of the City of Hattiesburg property (PPIN# 21853); thence run South 89 degrees 48 minutes 10 seconds East along said the south line of said property for a distance of 150.00 feet to an iron pin set on the west line of that City of Hattiesburg property described in Deed Book 1152 Page 33; thence run South 00 degrees 11 minutes 50 seconds West along the west line of said property for a distance of 102.00 feet to an iron pin set at the NE corner of that property described in Deed Book 1002 Page 331; thence run North 89 degrees 48 minutes 10 seconds West along the north line of said property for a distance of 150.00 feet back to the Point of Beginning. Said parcel contains 15,300 square feet, or 0.35 acres, more or less.



PLAT OF RIGHT-OF-WAY
GORDON'S CREEK COMMONS PROJECT
CITY OF HATTIESBURG - FORREST COUNTY, MISSISSIPPI

Clearpoint CONSULTING ENGINEERS, P.A.
6652 US Highway 98 | Hattiesburg, MS 39402
t 601.261.2609 | f 601.261.5575 | clearpointengineers.com

PREPARED FOR: CITY OF HATTIESBURG MISSISSIPPI

PROPERTY OWNER: Kevin Fant PPIN: 21852

CCE NO.: 76242058
SCALE: 1" = 40'
DATE: 2/7/2022
CHECKED: JS
DRAWN: RTB
SHEET 1 OF 1

Drawing Location: R:\76242058\dwg\76242058-MinorRTB - Blender:\76242058-MinorRTB.dwg

Site Description — After

Dimensions/Area/Shape: Following the acquisition, the larger parcel and subject property of this report will have +/- 0.0 acres remaining.

Frontage/Access: No remainder.

Topography: There is no remainder for the property.

Flood Plain and Drainage Data: There is no remainder for the property.

Use Restrictions: There is no remainder for the property.

Off-Site Public Improvements: There is no remainder for the property.

Easements/Encumbrances: There is no remainder for the property.

Utilities: There is no remainder for the property.

Comments:	*Include additional narrative, as needed.*
There will be a pedestrian bridge to the parking garage over Gordon's Creek. This will carry foot traffic from the parking garage to the proposed park.	

Items of Real Property Appraised

The property to be appraised in this report is +/- 0.35 acres of land.

Items of Personal Property Not Appraised

None.



View looking south along McLeod Street from the subject property.



View looking north along McLeod Street with subject to the right.



View of the fencing and right of way staking on the subject property, identifying the southern boundary line.



View of the subject property along Gordon's Creek.



Additional view of the property from McLeod Street.



Additional view of the property.

Whole Tract and Larger Parcel Declaration

Whole Tract Declaration

On those properties where the total ownership and the Larger Parcel are not one-in-the-same, it is possible for a property to contain several Larger Parcels (Highest & Best Use areas). The acquisition may affect more than one Larger Parcel (H&BU area), it is essential that there be a clear declaration by the appraiser as to what part and/or parts of the total ownership are being appraised. This section of the appraisal report declares exactly what was valued in the appraisal process and includes:

- The size of the contiguous total ownership provided to the appraiser by the client
- Declaration of the Larger Parcels (H&BU areas) within the total ownership that are unaffected
- Identification and delineation of the affected Larger Parcels (H&BU areas) described by the following methods as appropriate:
    a. Clearly visible physical features- road, creek, ditch, fence, tree line, etc.
    b. Subdivision boundary, Zoning line, corporate limits, county line, section line, etc.
    c. Dimensioned area as determined by the appraiser

Total "Whole Tract" Declaration and Summary	(Ac./S.F.)
According to the Tax Assessor's website, the tract is irregular in shape and contains a total of +/- 0.35 acres, more or less. The property is owned by Kevin Fant. This was considered the whole tract.	

Declaration of the Larger Parcel

There are three conditions or tests that are considered in determining the larger parcel, unity of ownership, unity of use, and contiguity. In certain instances, the larger parcel may not include all the lands that are contiguous and under identical ownership. In determining the larger parcel to be appraised, reliance on unity of ownership and unit of use will be given substantial weight. In determining the larger parcel, the following is noted:

Larger Parcel(s) Summary	*(Dimensions, Size, and Use)*
The +/- 0.35 acres or 15,300 square feet and is owned by Kevin Fant. Mr. Fant purchased the property via a tax deed in 2009. This was conveyed as a Quitclaim Deed. There may be further confirmation of the title to insure fee simple ownership. Any costs to cure title deficiencies were assumed to be handled by the property owner or client and outside the scope of this report. With this said, the ownership was assumed to be consistent. It has a highest and best use as commercial. Thus, it was valued as the larger parcel of this appraisal report.	

Highest and Best Use Analysis

Highest and best use is defined in *The Dictionary of Real Estate Appraisal, Sixth Edition, 2015, page 109,* compiled by the Appraisal Institute as:

> *"The reasonably probable use of property that results in the highest value. The four criteria that the highest and best use must meet are legal permissibility, physical possibility, financial feasibility, and maximum productivity."*

In order to arrive at a highest and best use estimate, the land is first analyzed as if vacant. Later, the total property, including any existing improvements, is analyzed. In estimating the highest and best use of the subject site, as if vacant and improved, you must first carefully study the existing land use patterns and trends in the area. In estimating the highest and best use of the subject property, the appraiser has considered very carefully the following factors:

1. The land and location is considered in relationship to the local area.
2. The physical characteristics of the land and improvements, including the land's overall size, shape, road frontage, topography, soil and sub-soil conditions and available utilities.
3. In analyzing the highest and best use of the subject, as applicable and appropriate, the Sales Comparison Approach, Cost Approach, and Income Approach are considered.

The procedure used in this report to estimate highest and best use of the subject site was to consider, in sequence, the site's utility, its legal use, its possible and most feasible use, and, finally, the optimum or highest and best use.

Highest and Best Use Analysis	*(Address legal permissibility, physical possibility, financial feasibility, maximum productivity, in Before & After for all larger parcels or whole tract as applicable)*

Physically possible: The site has access to McLeod Street and is physically large enough for a variety of uses. Any sort of small commercial, retail or single family use would be physically possible on the site.

Legally permissible: The site is zoned B-3 by the City of Hattiesburg. This zoning district is intended for commercial business uses. Residential and industrial uses would be excluded.

Financially feasible: The site is located in Hattiesburg and is legally restricted to B-3 zoning class. This area along McLeod Street is mostly older and/or commercial uses. Feasible uses would be similar commercial uses.

Highest and Best Use As Vacant:
The subject property contains +/- 0.35 acres. The property has direct physical access off of McLeod Street and is in an area of commercial uses. For this reason, the highest and best use as vacant is as a commercial lot.

Highest and Best Use As Improved:
Not Applicable

HIGHEST AND BEST USE IN THE AFTER CONDITION

The property is a complete take and therefore, the highest and best use in the after condition is not applicable.

Ownership History and Tax Information

Ownership History

In developing a real property appraisal an appraiser must:

1. Analyze any current agreement of sale, option, or listing of the subject property, if such information is available to the appraiser in the normal course of business.
2. Analyze any prior sales of the subject property that occurred within the following minimum time period of five years.
3. Discuss below (as applicable) the quality and quantity of data available and analyze within the approaches used and the applicability or suitability of the data.
4. When there is a sale of the subject property to the current owner for an undisclosed price, the appraiser must state that he or she attempted to obtain the purchase price and other terms of the transaction without success. (If transaction price could not be verified, please explain below.)

Ownership History					
Property Transactions during the last five years to Date:					
Date	**Grantor**	**Grantee**	**Consideration**	**Book/Page**	**Ver.**
07/23/2009	Sinecure Investments, LLC	Kevin Fant	N/A	1065/353	QD
Explanation: There have been no transfers in ownership in the last five years. However, for reference the conveyance for the quitclaim deed based on a tax sale was referenced. A copy is found in the addenda.					

Tax Information			
Tax Parcel I.D. Number	PPIN # 21852	**True Value – Land**	$8,640
Millage Rate		**True Value – Improvements**	N/A
Property Assessment Rate			
Special Assessments			

Approaches to Value

All standard techniques used by appraiser in estimating of market value can be grouped into the following three main approaches to value: 1) Sales Comparison Approach, 2) Cost Approach, and 3) Income Approach. One or more of these approaches are used in all appraisal assignments. Use of these approaches will depend on the type of property being appraised and quantity and quality of data available for analysis.

Sale Comparison Approach: A set of procedures in which a value indication is derived by comparing the property being appraised to similar properties that have been sold recently, applying appropriate units of comparison, and making adjustments to the sale prices of comparables based on the elements of comparison. The sales comparison approach may be used to value improved properties, vacant land, or land being considered as though vacant; it is the most common and preferred method of land valuation when comparable sales data are available.

Cost Approach: A set of procedures through which a value indication is derived for the fee simple interest in a property by estimating the current cost to construct a reproduction of, or replacement for, the existing structure; deducting depreciation from the reproduction or replacement cost; and adding the estimated land value, plus an entrepreneurial profit. Adjustments may then be made to the indicate fee simple value of the subject property to reflect the value of the property interest being appraised.

Income Approach: A set of procedures through which an appraiser derives a value indication for an income-producing property by converting its anticipated benefits (cash flows and reversion) into property value. This conversion can be accomplished in two ways. One year's income expectancy can be capitalized at a market-derived capitalization rate or at a capitalization rate that reflects a specified income pattern, return on investment, and change in the value of the investment. Alternatively, the annual cash flows for the holding period and the reversion can be discounted at a specified yield rate.

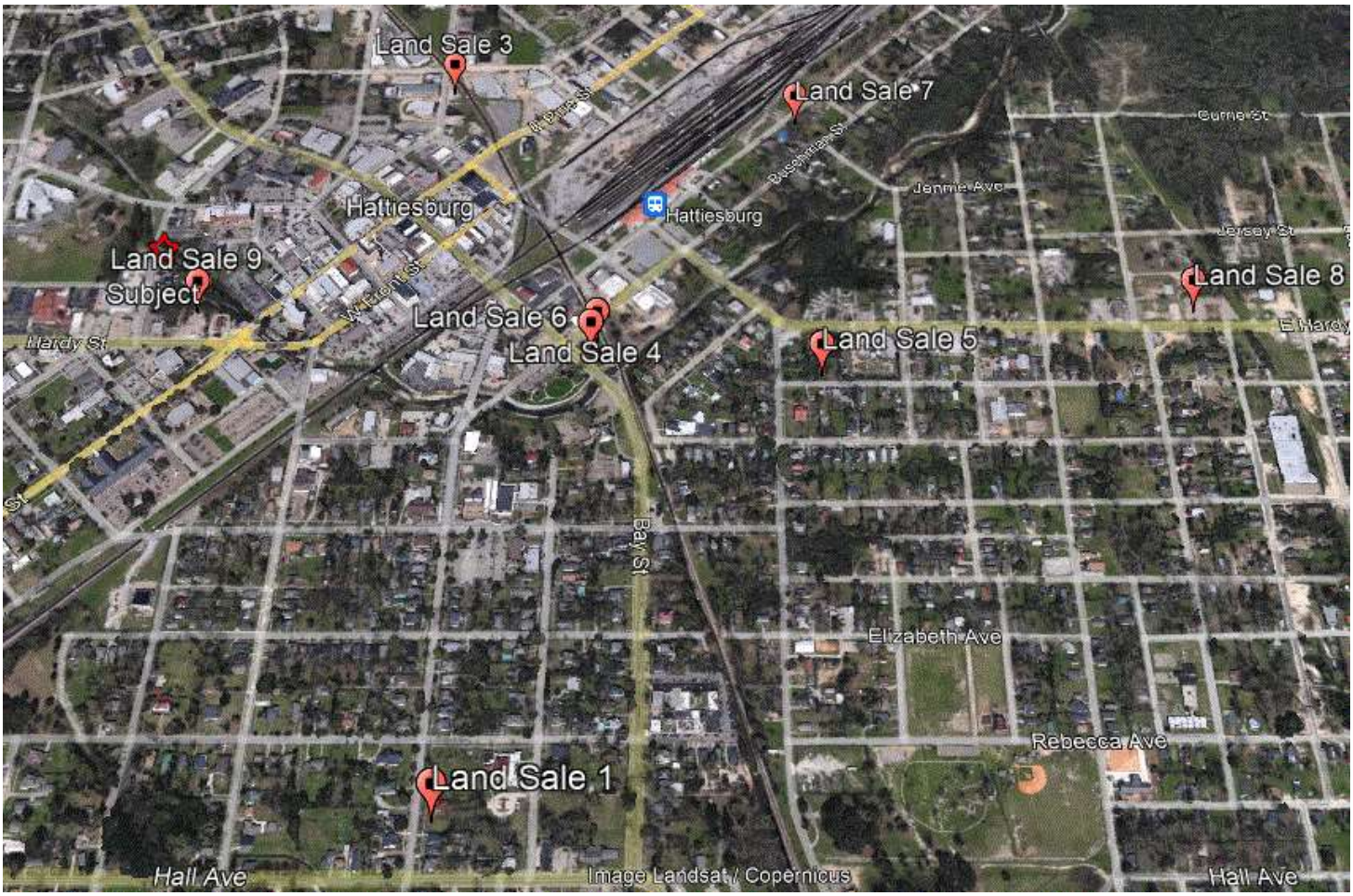
The Dictionary of Real Estate Appraisal, Fourth Edition, Appraisal Institute

Approach to Value Utilized in this Appraisal Assignment Are:

☐ **Cost Approach** ☐ **Income Approach** ☒ **Sales Comparison Approach**

Reason(s) for excluding any of the usual approaches to value	
The property to be appraised is a vacant tract of commercial property. There are no improvements other than fencing located on the parcel being affected by the acquisition. Thus, the Cost and Income approaches were not utilized. The value of the property is valued using the Sales Comparison approach presented on the following pages.	

LAND SALES MAP



Sales Comparison Approach – (Land) – Before Value

(•) Complete Take
( ) Partial Take

Acre(s)

Item	Subject	Comp Sale #	L-5	Comp Sale #	L-6	Comp Sale #	L-9
Location		East Hardy Street		101 Main Street		Off of McLeod Street	
Sales Price			$32,500		$43,500		$37,000
Price Per SF			$1.02		$2.85		$2.43
	Description	**Description**	**+/- Adj.**	**Description**	**+/- Adj.**	**Description**	**+/- Adj.**
Property Rights Conveyed	**Fee, Ease,**						
Adjusted Price			$1.02		$2.85		$2.43
Financing	**Typical**						
Adjusted Price			$1.02		$2.85		$2.43
Condition of Sale	**Arms-Length**						
Adjusted Price/ SF							
Market Conditions	**Date of Sale**	**7/20/21**	0%	**11/24/20**	5%	**7/14/20**	5%
Adjusted Price / SF							
Location		Similar	$0.00	Similar	$0.00		$0.00
Size **(Acre(s))**	0.35	0.735	$0.00	0.350	$0.00	0.350	$0.00
Topography	Flat, level	flat, level	-15%	flat, level	-15%	Creek	35%
Utilities	W-P-S	Similar	$0.00	Similar	$0.00	Similar	$0.00
Zoning	B-3	B-1	$0.00	B-3	$0.00	B-3	$0.00
Net Adjustment		**(+/-)**		**(+/-)**		**(+/-)**	
		Net %	-15.00%	Net %	-10.00%	Net %	40.00%
		Gross %	-15.00%	Gross %	-10.00%	Gross %	40.00%
Adjusted Sales Price			$0.87		$2.54		$3.44

Adopted Unit Value, Before (Land Only): **$2.00**

Size	Unit of Measure	Rate		
15300.000	Square Feet	$2.00	Per SF	**$30,600**
Add (Timber, minor site improvements, fencing - See Attached):				**$2,975**
Total Before Value (Land Only):				**$33,575**
r/o				**$33,575**

Sales Comparison Approach – (Land) – After Value

(•) Complete Take

( ) Partial Take

Acre(s)

Item	Subject	Comp Sale #		Comp Sale #		Comp Sale #	
Proximity to Subject							
Sales Price							
Price Per Unit (Acre(s))			#DIV/0!		#DIV/0!		#DIV/0!
	Description	Description	+/- Adj.	Description	+/- Adj.	Description	+/- Adj.
Property Rights Conveyed	Fee, Ease,						
Adjusted Price			#DIV/0!		#DIV/0!		#DIV/0!
Financing	Typical						
Adjusted Price			#DIV/0!				#DIV/0!
Condition of Sale	Arms-Length						
Adjusted Price			#DIV/0!				#DIV/0!
Market Conditions	Date of Sale						
Adjusted Price			#DIV/0!		#DIV/0!		#DIV/0!
Location							
Size (Acre(s))							
Topography							
Utilities							
Other							
Net Adjustment		(+/-)	$0.00	(+/-)	$0.00	(+/-)	$0.00
		Net %		Net %		Net %	
		Gross %	#DIV/0!	Gross %	#DIV/0!	Gross %	#DIV/0!
Adjusted Sales Price			#DIV/0!		#DIV/0!		#DIV/0!

SAME AS PREVIOUS

Size	Unit of Measure	Rate		
-	Square Feet	$0.00		$0

Adopted Unit Value, After (Land Only):	**$0.00**
Less Cost to Cure:	
Less Easements (See Attached):	**$0**
Less Other (See Attached):	**$0**
Total After Value (Land Only):	**$0**
R/O	**$0**
Difference in Before and After:	**$33,575**

Explanation of Adjustment-(Land)

(Before and After)

Before Value – Land Adjustments

Property Rights Conveyed: All of the sales were fee simple conveyances. No property rights adjustments were required.

Financing: No adjustments applied

Conditions of Sale: No adjustments applied

Market Conditions: The sales spanned from 2020 to 2021. There is limited lot sales activity in the downtown Hattiesburg market, so the overall availability of sales is limited. There is one sale in the brochure that indicates a 7% annual appreciation. Other benchmark studies indicate a 3% rate over a much broader group of sales. The current market is strong and an annual appreciation rate of 5% per year has been applied to the land sales.

Location: All of the sales are located in Forrest County and are generally similar in location. Therefore, no adjustments were made.

Size: Site size is an adjustment in which comparables site size is compared to the subject. Depending on the market segment, variation in site size can have effect up to a point on the price per square foot index. Typically, if a comparable site is larger than the subject site, an upward adjustment is applied to reflect economies of scale. Conversely, if a comparable site is smaller than the subject site, a downward adjustment may need to be applied. Although in this case, the larger lots sold for higher unit rates. Therefore, the sales were not adjusted for their size.

Topography: The subject contains about 15% of un-useable ground. Sales 1 & 2 were considered superior in topography, and therefore adjusted down 15%. Sale 3 has more un-useable ground and was adjusted up for this reason.

Zoning: The subject is zoned B-3, Community Business District. All of the sales had similar commercial business zoning. The highest and best use was commercial. These sales were considered similar, and no adjustments were made.

Before Value - Reconciliation of Land Sales

The sales had adjusted per lot values ranging from $0.87 to $3.44 per square foot. Sale #9 was the most similar in size and the most recent. However, the lack of visibility of the subject due to the adjacent building and the lower values indicated by the other sales was taken into account. Overall, considering the other adjusted values, the topography and floodplain, the subject was concluded to have a value of $2.00 per square foot. This was adopted for the subject property. This per square foot value was used for land value calculation on the previous page.

Site Improvements

The site improvements on the property include a chain link fence spanning approximately +/- 337 feet around the acquisition area. The property owner owns United Fence and stated a replacement cost of $15.00 per linear foot, with some possible contingency for unknown. I reviewed other fence quotes and Marshall and Swift and this was in-line or below the other costs. Therefore, I adopted $15.00 per linear foot as the replacement costs, plus a 10% contingency. The fence is about 10 years old and was considered to be 50% depreciated. The value for the site improvement is calculated below:

Improvements in the R.O.W.	Compensation
Chain Link Fence – 337 LF @ $15.00/LF x 1.1x (contingency =$5,561) + 7% tax – 50% depr.	$2,975 (rounded)
Total (rounded)	$2,975

Thus, the total value of the site improvements in the right of way equal $2,975. This was included in the Before value previously found in the before value grid.

Explanation of Adjustment-(Land)

(Before and After)

After Value – Land Adjustments

Property Rights Conveyed: There will be no remainder in the after condition.

Financing: There will be no remainder in the after condition.

Conditions of Sale: There will be no remainder in the after condition.

Market Conditions: There will be no remainder in the after condition.

Location: There will be no remainder in the after condition.

Size: There will be no remainder in the after condition.

Topography: There will be no remainder in the after condition.

Utilities: There will be no remainder in the after condition.

Other: There will be no remainder in the after condition.

Explanations of damages (if any): There will be no remainder in the after condition.

After Value - Reconciliation of Land Sales:

In the after condition, no acreage remains as the proposed acquisition area is a complete take.

After Value - Reconciliation

The total after value of the property following the right of way acquisition was $0.00.

Final Reconciliation Of Value

	Before	After	Difference
Sales Comparison Approach	$33,575	$0	$33,575
Cost Approach	N/A	N/A	N/A
Income Approach	N/A	N/A	N/A

Reconciliation
During my research into the market, I found several comparable land sales in the Hattiesburg market. These sales were further analyzed based on their proximity to the subject and their highest and best use. The sales were inspected, verified, and compared to the subject property. In the before condition, the +/- 0.35 acre parcel was concluded to have a value of $33,575. In the after condition, the remaining site was concluded to have a value of $0. Thus, just compensation due is $33,575.

The difference between the Fair Market Value of the whole tract and the remainder is **$33,575** as of 04/04/2022, and is my opinion of just compensation, for the acquisition of the real property rights described in this appraisal report.

Recommended Distribution Of Final Value Estimate

For Accounting And Acquisition Purposes Only
(To Be Completed After Appraisal Made)

Acre(s)

Fee/Leased Fee Interest

Parcel	Acq. Area	HBU	Land	Improvements		Damages		Total
				Item	Value	Item	Value	
21852	0.350 Acre(s)	Comm	$30,600					$30,600
				Fencing	$2,975			$2,975
								$0
								$0
								$0
Totals	0.350 Acre(s)		$30,600		$2,975		$0	$33,575

Easements (Permanent / Temporary)

Parcel	Acq. Area	HBU	Land	Improvements		Damages		Total
				Item	Value	Item	Value	
								$0
								$0
								$0
								$0
								$0
Totals	0.000		$0		$0		$0	$0

Quit-Claim Interest / Leasehold

Parcel	Acq. Area	HBU	Land	Improvements		Damages		Total
				Item	Value	Item	Value	
		Comm						$0
								$0
								$0
								$0
								$0
Totals	0.000		$0		$0		$0	$0

Total of all Interests	$33,575

Addenda

Terms and Definitions

Agency- the Federal Agency, State, State Agency, or person that acquires real property or displaces a person.

Appraisal- *USPAP 2020-2021,* pg. 3 defines an appraisal as the act or process of developing an opinion of value; an opinion of value.

Uneconomic Remnant- a parcel of real property in which the owner is left with an interest after the partial acquisition of the owner's property, and which the Agency has determined has little or no value or utility to the owner.

Total Ownership- the total amount of contiguous property, under the ownership of a single legal entity, as indicated by the map provided to the appraiser.

Whole Tract- that amount of property, within the "Total Ownership", as determined by the appraiser, to be affected by the acquisition. The *whole tract* is defined by the appraiser, and may be determined to be the same as the total ownership, or some defined area that is less than the "Total Ownership".

Larger Parcel-[1] that tract, or tracts, of land which possess a unity of ownership and have the same, or an integrated, highest and best use. Elements of consideration by the appraiser in making a determination in this regard are contiguity, or proximity, as it bears on the highest and best use of the property, unity of ownership, and unity of highest and best use. Mississippi Case Law recognizes this concept but refers to it by use of the phrases "Highest and Best Use areas" or "Highest and Best Uses" [2] Designation of the Larger Parcel, for appraisals performed in connection with the disposal of excess property, may require the adoption of a hypothetical condition regarding "unity of ownership".

Excess Property "(2)...whenever real property, with the exception of easements for highway purposes, has been acquired by the Mississippi Transportation Commission, in any manner, for public use and in the opinion of the commission all or any part thereof becomes unnecessary for public use, the same shall be declared on the minutes of the commission as excess property and sold at private sale at market value."[3]

Disposal as used in the appraisal of excess property, "means the sale of real property rights therein, including access or air rights, when no longer needed for highway right-of-way or other uses eligible for funding under title 23 of the [U.S.] Code"[4]

Fair Market Value- Fair Market Value is value in exchange. It is "the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress".[5]

Effective Date – The date on which the appraisal or review opinion applies. Source: Appraisal Institute, *The Dictionary of Real Estate Appraisal*, 6th Edition, s.v. "effective date." (Chicago: Appraisal Institute, 2015), PDF e-book

Date of the Report – The date on which the report is transmitted to the client. Source: Appraisal Institute, *The Dictionary of Real Estate Appraisal*, 6th Edition, s.v. "date of the report". (Chicago: Appraisal Institute, 2015), PDF e-book.

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[1] The Uniform Appraisal Standards for Federal Land Acquisitions, Interagency Land Acquisition Conference, Published by the Appraisal Institute with the cooperation of the U.S. Department of Justice, Washington, D.C. 2000,

[2] Oughton v. Gaddis, 683 So.2d 390 (Miss. 1996)

[3] Mississippi Code of 1972, Annotated, § 65-1-123

[4] United States Code, 23 CFR 710.105

[5] *Potters II v. State Highway Comm'n of Mississipp*i, **608 So. 2d 1227, 1231 (Miss. 1992).**

Highest and Best Use- The best or most valuable use to which the property, […..], is adapted. Mere speculative uses cannot be considered. There must be some probability that the land would be used within a reasonable time for the particular use to which it is adapted. There must be a present demand for the land for such purpose or a reasonable expectation of such demand in the near future.[6]

Before and After Rule [Mississippi]- When part of a larger tract of land is taken for public use, the owner should be awarded the difference between the fair market value of the whole tract immediately before the taking, and the fair market value of that remain[ing] immediately after the taking, without considering general benefits or injuries resulting from the use to which the land taken is to be put, that are shared by the general public.[7] Any decrease or increase in the fair market value of real property prior to the date of valuation caused by the public improvement for which such property is acquired or by the likelihood that the property would be acquired for such improvement, other than that due to physical deterioration within the reasonable control of the owner, will be disregarded in determining the compensation for the property.[8]

Before Value- The fair market value of the whole tract immediately before the taking.[9]

After Value- The fair market value of that remain[ing] immediately after the taking, without considering general benefits or injuries resulting from the use to which the land taken is to be put, that are shared by the general public.

Due Compensation[10]- Just Compensation[11] the value of the land taken and the damages, if any, which result… as a consequence of the taking, without considering either general benefits or injuries resulting from the use to which the land taken is to be put, shared by the general public.[12]

Damages to Remainder- *[In the context of valuation under the Before and After Rule, it is*] the depreciation in the fair market value of the remaining area, …that is special, and not such as is common to all the property in the neighborhood.[13] In determining damages, if any, to the remainder if less than the whole of a defendant's interest in property is taken, nothing shall be deducted there from on account of the supposed benefits incident to the public use for which the petitioner seeks to acquire the property.[14]

Cost-to-Cure Damages [the cost or costs associated with] the necessity of rebuilding fences and wells, the necessity of relocating roads, and other similar items. [Such] items are all part of the depreciated value of the property, since the landowner is required to do this construction in order to use the property in the manner in which it has been used or for which it is best adapted.[15]

Extraordinary Assumption –*2020-2021 USPAP,* pg. 4, defines extraordinary assumption as " an assignment-specific assumption as of the effective date regarding uncertain information used in an analysis which if found to be false, could alter the appraiser's opinions or conclusions. Uncertain information might include physical, legal, or economic characteristic of the subject property; or conditions external to the property, such as market conditions or trends, or the integrity of data used in an analysis.

Hypothetical Condition –*2020-2021 USPAP*, pg. 4, defines hypothetical condition as "a condition, directly related to a specific assignment, which is contrary to what is known by the appraiser to exist on the effective date of the assignment results, but is used for purpose of analysis." Hypothetical conditions are contrary to known facts about physical, legal, or economic characteristic of the subject property; or about conditions external to the property, such as market conditions or trends; or about the integrity of data used in an analysis.

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[6] MSHC v. Brooks, 123 So.2d 423, 427 (1960); MSHC v. Wagley, 231 So.2d 507 (1970);
[7] Potters II v. MSHC, 608 So. 2d 1227 (Miss. 1992); MSHC v. Hillman, 189 Miss. 850, 198 So. 565 (1940)
[8] Mississippi Code of 1972, Annotated, Section 43-37-3
[9] Potters II v. MSHC, 608 So. 2d 1227 (Miss. 1992); MSHC v. Hillman, 189 Miss. 850, 198 So. 565 (1940)
[10] Constitution of Mississippi, Article 3, § 17
[11] Mississippi Code of 1972, Annotated, Section 43-37-3
[12] MSHC v. Hillman, 198 So. 565;
[13] MSHC v. Colonial Inn, Inc. 149 So.2d 851;
[14] Mississippi Code of 1972, Annotated, Section 11-27-21;
[15] Emerson v. MSHC, 208 So.2d 441

Intended User – *USPAP 2020-2021,* pg. 5 defines intended user as the client and any other party as identified, by name or type, as users of the appraisal or appraisal review by the appraiser on the basis of communication with the client at the time of the assignment.

Intended User – *USPAP 2020-2021,* pg. 5 defines intended user as the client and any other party as identified, by name or type, as users of the appraisal or appraisal review assignment results, as identified by the appraiser on the basis of communication with the client at the time of the assignment. (*2020-2021* USPAP).

Jurisdictional Exception – an assignment condition established by applicable law or regulation, which precludes an appraiser from complying with a part of USPAP. *2020-2021* USPAP)

Supplemental Standards – requirements issued by government agencies, government sponsored enterprises, or other entities that establish public policy which add to the purpose, intent and content of the requirements of USPAP, that have a material effect on the development and reporting of assignment results.

Plottage - the increment of value created when two or more sites are combined to produce greater utility resulting in higher productivity or income than could be obtained from the individual smaller sites. Source: Appraisal Institute, *The Dictionary of Real Estate Appraisal*, 6th Edition, s.v. "plottage". (Chicago: Appraisal Institute, 2015), PDF e-book.

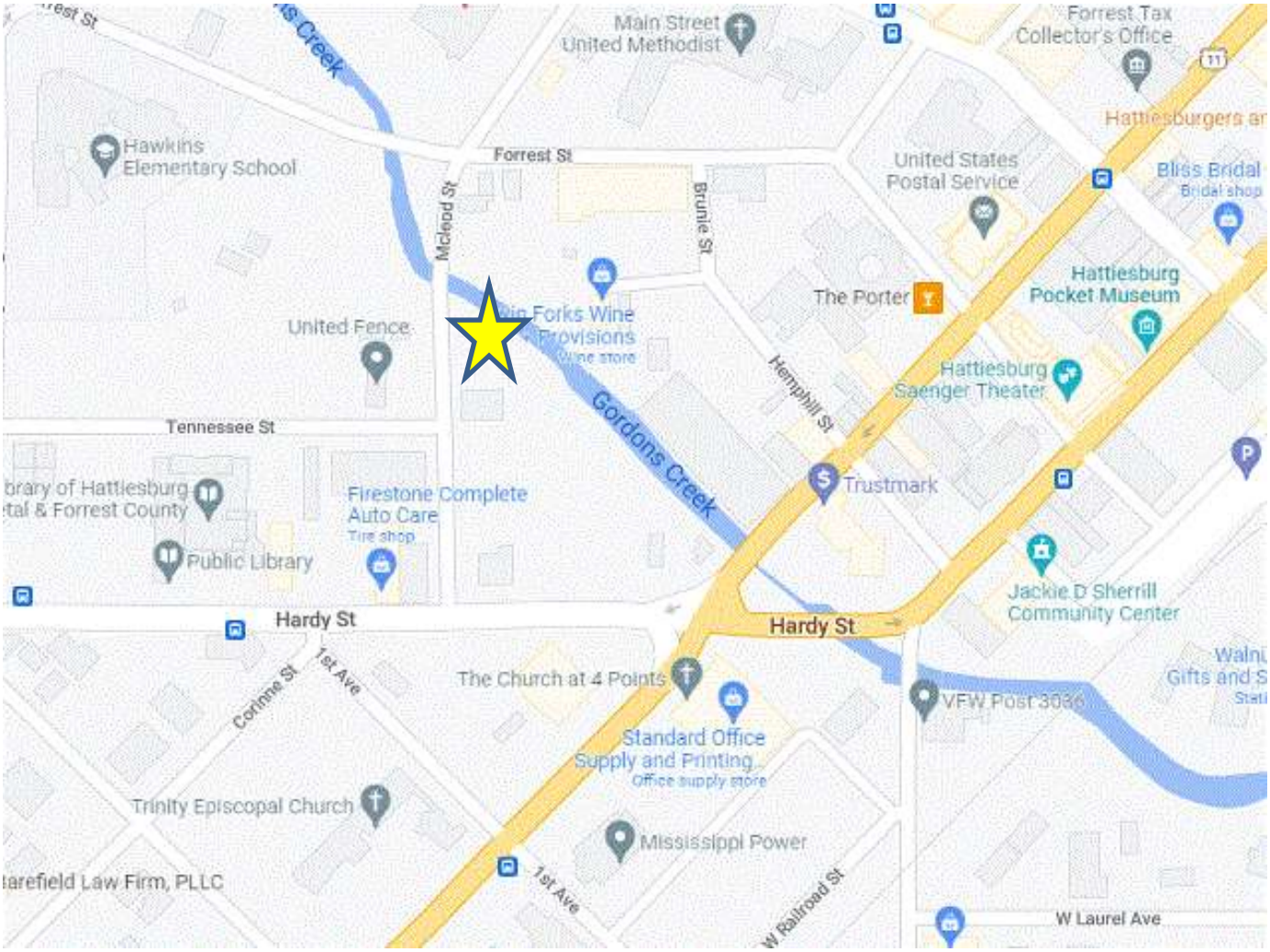
Assemblage - the combining of two or more parcels, usually but not necessarily contiguous, into one ownership or use; the process that may create plottage value. Source: Appraisal Institute, *The Dictionary of Real Estate Appraisal*, 6th Edition, s.v. "assemblage". (Chicago: Appraisal Institute, 2015), PDF e-book.

Assemblage Cost - the excess cost incurred to acquire individual adjacent parcels of real estate in a single ownership beyond the estimated cost of acquiring similar sites that do not form a specifically desired assemblage.

Scope of Work – "the Scope of Work is a written set of expectations that form an agreement or understanding between the appraiser and the agency as to the specific requirements of the appraisal, resulting in a report to be delivered to the agency by the appraiser. It includes identification of the intended use and intended user; definition of fair market value; statement of assumptions and limiting conditions; and certifications, the type and extent of research and analyses in an assignment. Either the appraiser or the agency may recommend modifications to the initial Scope of Work, but both parties must approve changes."[16]

[16] Federal Highway Administration, Guide For Preparing An Appraisal Scope of Work, October, 2005

Location Map



Sketch of Property[17]

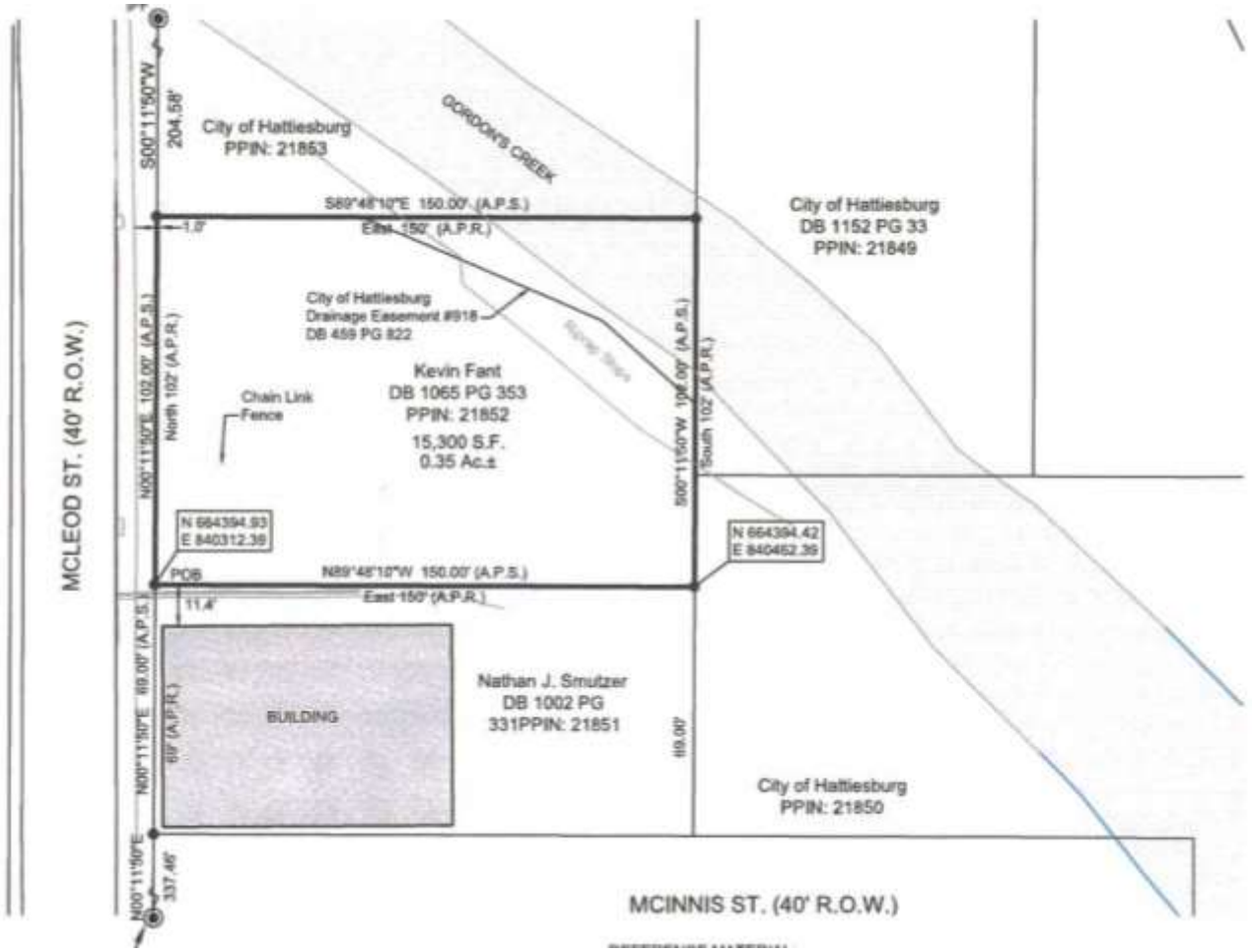
AREAS

Area of Whole Tract - Before: +/- 0.35 Acres

Area of Remaining Tract - After: +/- 0.0 Acres

Area to be Acquired: +/- 0.35 Acres

Directions North



[17] **Sketch Must Show**: ***(Note:** It is not required that the sketch be drawn to scale)*

1. All boundary dimensions.
2. Location of all significant improvements.
3. Location of other significant features (creeks, woods, power lines, access limits, drives, fences, railroads, roads, etc.)
4. Relation of improvements to areas taken.
5. Area to be acquired.
6. Area of remainder(s).
7. Different uses (if appropriate).

Acknowledgement of Appraiser Intern Assistance

In accordance with rules of the Mississippi Real Estate Appraiser Licensing and Certification Board as set forth in Rule 11, Part D, #3, and revisions dated June 15, 2000, per letter from Deputy Director Rick Moon, this appraisal report was prepared with the assistance of an Appraiser Intern. The Appraiser Intern named below:

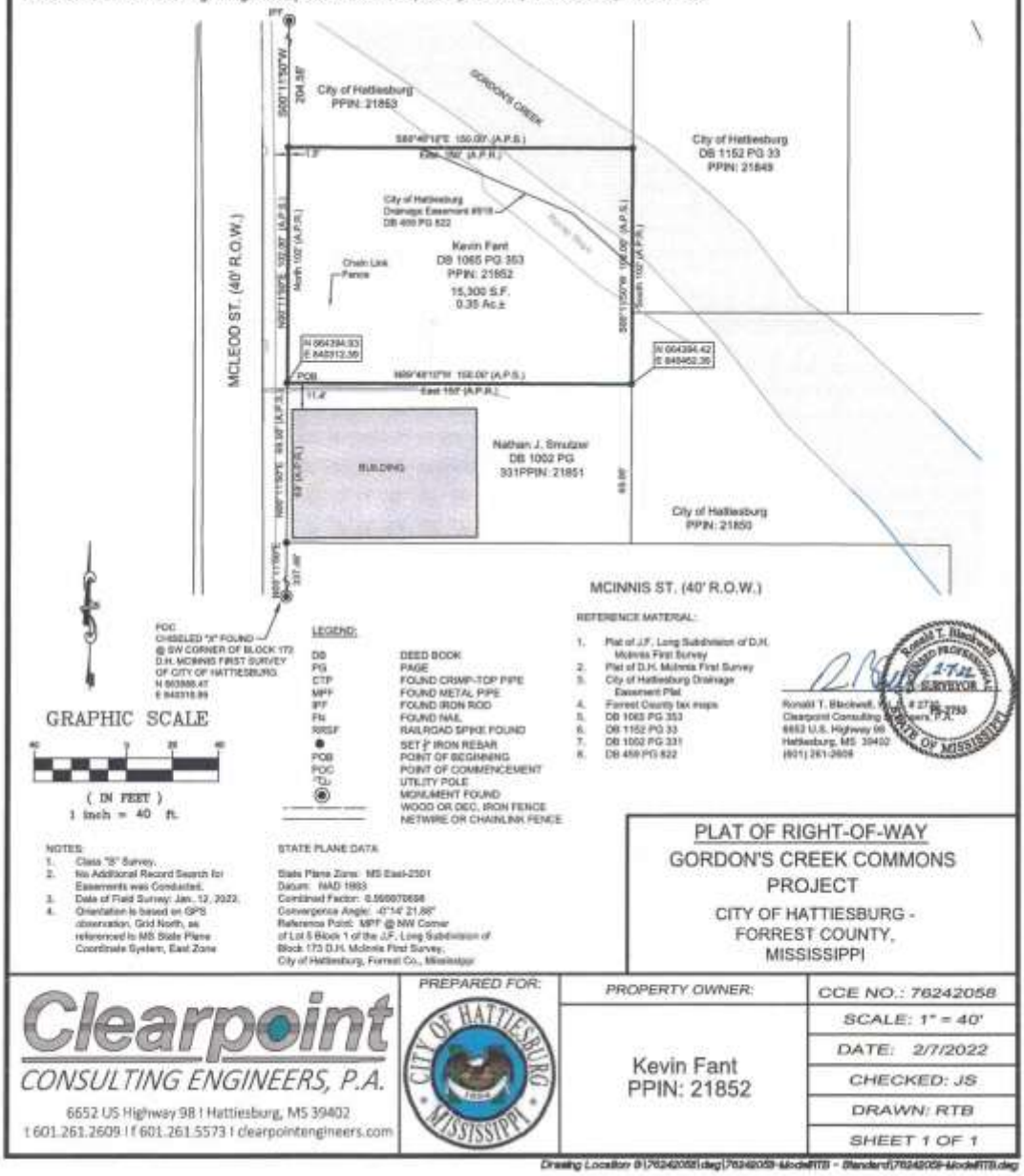
- May not sign the report or certification,
- May not perform the final value analysis,
- Can assume NO responsibility for the appraisal or report,
- May in no circumstance hold self out as being a licensed appraiser, and
- Perform all appraisal-related activities under the direct supervision of the Certified General Appraiser named below.

In addition to the entries made by the Appraiser Intern and the Certified Appraiser in their respective "*Appraiser Intern Experience Log",* this page is provided to serve as further documentation of the Appraiser Intern's assistance in the preparation of this appraisal report.

DESCRIPTION OF SURVEY AREA
KEVIN FANT
PPIN# 21852

A part of Block 171 of the D.H. McInnis First Survey of the City of Hattiesburg, Forrest County, Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, said parcel being described as follows, with bearings based upon Grid North derived from GPS observations and referenced to Mississippi State Plane Coordinate System (East Zone, NAD 83), with a convergence angle of (-)00° 14' 21.88" and using grid distances with a combined factor of 0.999970698 (determined at a metal pipe found at the NW corner of Lot 5 Block 1 of J.F. Long Subdivision of the D.H. McInnis First Survey of the City of Hattiesburg):

Commence at a chiseled "X" found at the SW corner of Block 173 of the D.H. McInnis First Survey of the City of Hattiesburg, said point having grid coordinates of N = 663988.47, E = 840310.99; thence run North 00 degrees 11 minutes 50 seconds East along the eastern right-of-way of McLeod St. for a distance of 337.46 feet to the SW corner of Block 171 of said D.H. McInnis First Survey; thence continue North 00 degrees 11 minutes 50 seconds East along said right-of-way for a distance of 69.00 feet to an iron pin set at the NW corner of that property described in Deed Book 1002 Page 331, to and for the POINT OF BEGINNING, having grid coordinates of N = 664394.93, E = 840312.39; thence continue North 00 degrees 11 minutes 50 seconds East along said right-of-way for a distance of 102.00 feet to an iron pin set at the SW corner of the City of Hattiesburg property (PPIN# 21853); thence run South 89 degrees 48 minutes 10 seconds East along said the south line of said property for a distance of 150.00 feet to an iron pin set on the west line of that City of Hattiesburg property described in Deed Book 1152 Page 33; thence run South 00 degrees 11 minutes 50 seconds West along the west line of said property for a distance of 102.00 feet to an Iron pin set at the NE corner of that property described in Deed Book 1002 Page 331; thence run North 89 degrees 48 minutes 10 seconds West along the north line of said property for a distance of 150.00 feet back to the Point of Beginning. Said parcel contains 15,300 square feet, or 0.35 acres, more or less.



PLAT OF RIGHT-OF-WAY
GORDON'S CREEK COMMONS PROJECT
CITY OF HATTIESBURG - FORREST COUNTY, MISSISSIPPI

Clearpoint
CONSULTING ENGINEERS, P.A.
6652 US Highway 98 | Hattiesburg, MS 39402
t 601.261.2609 | f 601.261.5573 | clearpointengineers.com

PREPARED FOR:

PROPERTY OWNER:	CCE NO.: 76242058
Kevin Fant PPIN: 21852	SCALE: 1" = 40'
	DATE: 2/7/2022
	CHECKED: JS
	DRAWN: RTB
	SHEET 1 OF 1

Drawing Location: S:\76242058\dwg\76242058-ModelRTB - Standard\76242058-ModelRTB.dwg

Forrest County, MS



3/30/2022, 11:02:54 AM

Parcels
LOTLINE
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forrest_ms_dim
forrest_ms_parcelno
Anno
Imagery2015

1:1,128

0 0.01 0.01 0.03 mi
0 0.01 0.03 0.05 km

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), City of Hattiesburg, Esri, HERE, Garmin, GeoTechnologies, Inc., NGA, USGS |



Forrest County, MS

Forrest County online map access is provided as a public service, as is, as available and without warranties, expressed or implied. Content published on this website is for informational purposes only, and is not intended to constitute a legal record nor should it be substituted for the advice or services of a licensed professional. Parcel map information is prepared for the inventory of real property found within County jurisdiction and is compiled from recorded deeds, plats, and other public documents in accordance with Land Records Technical Specifications for Base, Cadastral and Digital Mapping Systems. Users are hereby notified that the aforementioned public record sources should be consulted for verification of information. With limited exception, data available on this website originates from Forrest County Land Records GIS and is maintained for the internal use of the County. The County of Forrest and the Website Provider disclaim all responsibility and legal liability for the content published on this website. The user agrees that Forrest County and its Assigns shall be held harmless from all actions, claims, damages or judgments arising out of the use of County data.

Forrest County Tax Assessor/Collector
601 Main St
Hattiesburg, MS 39401
(601) 582-8228

PPIN:	21852
PARCEL_ID:	2-029.J-10-170.00
OWNERNAME:	FANT KEVIN
ADDRESS1:	255 MCLEOD STREET
ADDRESS2:	
CITY:	HATTIESBURG
STATE:	MS
ZIP:	39401
SECTION:	10
TOWNSHIP:	04N
RANGE:	13W
LEGAL1:	PT BLK BG 69 FT N SW CR N 102 FT E 150 FT S 102FT W 150FT TO BG BLK 171 B559 P511 9/85
LEGAL2:	B600-194 '88 PREV #:H0636-07-006
LEGAL3:	
TAX_DIST:	1110
CULT_AC1:	0
CULT_AC2:	0
UNCULT_AC1:	0
UNCULT_AC2:	0
TOTAL_AC:	0
CULT_VAL1:	8640
CULT_VAL2:	0
UNCUL_VAL1:	0
UNCUL_VAL2:	0
LAND_VAL:	8640
IMP_VAL1:	0
IMP_VAL2:	0
TOTALVALUE:	8640
EXEMPT_COD:	0
HOMESTEAD:	
DEED_BOOK:	1065
DEED_PAGE:	353
DEED_DATE:	1248307200000
SITUS_ADDR:	504 MCLEOD STREET

Legal Description(s)

Forrest County
Filed/Recorded JULY 31 2009 01:29:00PM
Witness my hand and seal
Jimmy C. Howard
Chancery Clerk

Indexing Instructions: Pt Blk 171 DH McInnis 1st Add

QUITCLAIM DEED

Prepared by Grantor
Return to Grantor

Grantor:
Sinecure Investments, LLC
4064 Robinwood Cove
Memphis, TN 38111
901-579-4208

Grantee:
Kevin Fant
255 Mcleod Street
Hattiesburg, MS 39401
601-582-0406

STATE OF MISSISSIPPI
COUNTY OF FORREST

FOR AND IN CONSIDERATION of the sum of Ten and no/100 (10.00) Dollars, this day, cash in hand paid, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned Sinecure Investments, LLC, does hereby grant, bargain, sell, convey, and quitclaim unto, Kevin Fant all of its interest, if any, conveyed to Grantor by Tax Sale and Tax Deed (herein referenced) in the following described real estate lying and being situated in Forrest County, Mississippi, to-wit:

Receipt #18918 Parcel 2-029J-10-170.00 PPIN 21852
Pt. Blk. bg. 69 ft. N. SW Cr. N. 102 ft. E. 150 ft. S. 102 ft. W. 150ft. to bg. Blk. 171
D.H. McInnis 1st Addition Previous # H0636-07-006

This conveyance made subject to all applicable restrictive covenants, easements, right-of-way and oil and minerals that may have been previously reserved. Grantor purchased the 2005 tax at the August 28, 2006 Forrest County Tax Sale and received a Tax Deed dated May 1, 2009 and filed for record in the office of the Chancery Clerk of Forrest County, Mississippi on May 12, 2009, at 4:52 p.m., and recorded in said office as Inst. 639029 in Deed Book 1061 Page 0450. This Instrument does not cover any rights of the Grantor arising out of tax sales subsequent to August 28, 2006. Grantor herein shall not be responsible for any taxes due, or to become due on the above described property. This quitclaim deed is without warranty of any kind and Grantee accepts said property in an as is condition.

Witness my signature on this the 23 day of July, 2009.

Sinecure Investments, LLC

By: _____

Robert I. Smith, Member

Inst. 643569
Bk 1065 Pg 0353

STATE OF TENNESSEE
COUNTY OF SHELBY

Personally appeared before me the undersigned authority in and for the state and county aforesaid, on this 23 day of July, 2009, within my jurisdiction, the within named Robert I. Smith personally known to me to be a Member of the within named Sinecure Investments, LLC, who acknowledged that he executed and delivered the above and foregoing quitclaim deed on behalf of said limited liability company as its own act and deed, he having been duly authorized to do so.

Notary Public

My Commission Expires: My Commission Expires: June 4, 2013

MARY D. COOK
STATE OF TENNESSEE NOTARY PUBLIC
COUNTY OF SHELBY

Inst. 643569
Bk 1065 Pg 0354

Forrest County Mississippi

Delta Computer Systems, Inc.

Property Link

FORREST COUNTY, MS

Current Date **3/30/2022**

Tax Year 2021
Records Last Updated **3/30/2022**

PROPERTY DETAIL

OWNER FANT KEVIN
255 MCLEOD STREET

HATTIESBURG MS 39401

ACRES : **NA**
LAND VALUE : 8640
IMPROVEMENTS : **NA**
TOTAL VALUE: 8640
ASSESSED : 1296

PARCEL 2-029J-10-170.00
ADDRESS 504 MCLEOD STREET

TAX INFORMATION

YEAR 2021	TAX DUE	PAID	BALANCE
COUNTY	84.89	0.00	85.74
CITY	68.86	0.00	69.55
SCHOOL	85.64	0.00	86.50
TOTAL	239.39	0.00	241.79 **1.00% Penalty**

Pay Tax

LAST PAYMENT DATE **NA**

MISCELLANEOUS INFORMATION

EXEMPT CODE		**LEGAL** PT BLK BG 69 FT N SW CR N 102
HOMESTEAD CODE	None	FT E 150 FT S 102FT W 150FT TO
TAX DISTRICT	1110	BG BLK 171 B559 P511 9/85
PPIN	021852	B600-194 '88
SECTION	10	PREV #:H0636-07-006
TOWNSHIP	04N	MCINNIS D H 1ST ADD
RANGE	13W	

Book 1065 **Page** 353

PURCHASE COUNTY TAX SALE FILES

TAX SALES HISTORY, FOR UNPAID TAXES

Year	Sold To	Redeemed Date/By
	NO TAX SALES FOUND	

View Appraisal Record

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Forrest County Home | Online Property Tax Payments | Online Personal Property Tax Payments | Online Mobile Home Tax Payments | Online Car Tag Payments
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Forrest County Mississippi — Delta Computer Systems, Inc.

Property Appraisal Link

FORREST COUNTY, MS

Current Date **3/30/2022** Tax Year **2021**

APPRAISAL INQUIRY

PARCEL 2-029J-10-170.00 **ALT PARCEL NUMBER** 235 -0636-171-006.00
PPIN 021852 **SKETCH** 1
OWNER NAME FANT KEVIN
OWNER ADDRESS 255 MCLEOD STREET
HATTIESBURG MS39401
PROPERTY ADDRESS 504 MCLEOD STREET
PROPERTY IS VACANT (Y/N) N
FIELD WORK BY CH **DATE:** 1/ 1/1982
CLASSED BY CH **DATE:** 1/ 1/1982
REVIEWED BY BO **DATE:** 3/12/2008
REALTOR CODE

LEGAL DESCRIPTION

1 PT BLK BG 69 FT N SW CR N 102
2 FT E 150 FT S 102FT W 150FT TO
3 BG BLK 171 B559 P511 9/85
4 B600-194 '88
5 PREV #:H0636-07-006

Block 171 **Section** 10 **Township** 04N **Range** 13W
Book 1065 **Page** 353 **Type** QCD **Date** 7/23/2009
Book 1061 **Page** 450 **Type** TXD **Date** 5/ 1/2009

LOT INFORMATION

LOT CODE 0636 **LOT SIZE** 102.0 X 150 **LOT VALUE** 8640

CODE	FRONT FT	DEPTH	PRICE	DEPTH TABLE	DEPTH %	ADJ. %	DESCRIPTION	ADJ PRICE	APPRAISED	CLASS
OVER	102.00	150	241.92	9	1.00	.35		84.67	8640	1

ACRE INFORMATION

ACRES	TYPE	QUAL CLASS	PRICE CODE	UNCULTIVATED CODE	PRICE	ADJ. %	DESCRIPTION	APPRAISED	MARKET

*** NO ACREAGE INFO ***

ACREAGE VALUE **OVERALL VALUE** 8640
LAND USE CODE CLASS 1 9110 VACANT LAND SUITABLE FOR
LAND USE CODE CLASS 2

BUILDING DESCRIPTIONS

NUMBER	CODE	BUILDING DESCRIPTION	VALUE	ELIGIBLE CLASS 1

*** NO BUILDING INFO ***

TOTAL PARCEL VALUE 8640

View Tax

Back

Fencing Quote

PROPOSAL

Jefcoat Fence Company, Inc. of Hattiesburg
P. O. Box 1167
Hattiesburg, MS 39403
Phone: 601-583-0516
Fax 601-583-4990

Jefcoat
FENCE AND ACCESS CONTROL

"The Name that Secures Your Trust"
www.jefcoatfenceofhattiesburg.com

QUOTE IS VALID FOR 15 DAYS.

Company	George null	From	Kenny Smith
	collins	Date:	11/8/2021
Fax/Email		Cell Phone:	601 408 3303
Re:		Email:	kenny@jefcoatfenceofhattiesburg.com

MS. CERTIFICATE OF RESPONSIBILITY # 16003-SC
MS. ELECTRONIC PROTECTION LICENSE #15024185

AS DEFINED BY FEDERAL GOVERNMENT WE ARE A SMALL DISADVANTAGED BUSINESS AND WOMEN OWNED SMALL BUSINESS

To provide materials and labor as follows to Install:

Install 250' of 6' black vinyl chainlink	amount$6800.71
Install 100' of 2- strand barbwire	amount$1599.65

Thank you
Kenny Smith
Asst. Manager 601-408-3303

ALL PRICES PLUS APPLICABLE SALES TAX, INSURANCE, AND BONDS.

NOTE: With a written contract that lists the insurance requirements, there is no additional insurance cost UNLESS insurance requirements are requested that are above our standard policies for each entity. Otherwise, there may be additional charges for named additional insured, completed operations, and auto for each entity. Jefcoat Fence Co. Inc. of Hattiesburg uses our carrier's accepted endorsements only.

ACCEPTANCE OF PROPOSAL

The above specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Date of Acceptance: _____ Signature: _____

QUALIFICATIONS OF GEORGE W. NULL, JR., MAI



My experience, in excess of 22 years, in the real estate appraisal field has granted me great competency in a wide range of real estate matters. Clients have included local, state and federal government agencies, utility companies, attorneys, large corporations and private property owners. Contact information: *george@trustatlas.com*

Professional Designations & Affiliations

- State Certified General Real Estate Appraiser (2002) - State of Mississippi, (GA-679)
- State Certified General Real Estate Appraiser (2019) - State of Louisiana, (G4358)
- State Certified General Real Estate Appraiser (2019) - State of Texas, (TX 1380889 G)
- Designated Member of the Appraisal Institute (2008) (MAI #12522)
- Active Member of the International Right-of-Way Association (2005)
- Member of the Gulf Coast Association of Realtors (2020)
- Member of Hattiesburg Multiple Listing Service (2005)
- Member of Jackson Multiple Listing Service (2020)
- Member of Starkville Multiple Listing Service (2019)

Professional Work History

Collins and Null Appraisals – (2001 to Present)
President of the company since 2003 and the Principal Appraiser. I appraise all forms of real estate, including commercial, industrial, residential, Rights-of-Way, partial interest and timber land. My experience also includes consultation for court proceedings, review of peer appraisals and expert witness testimony.

Atlas Right-of-Way Services – (2016 to Present)
Managing director of a full-service right-of-way company. Duties include management of right-of-way acquisition projects, annexation projects and market data brochures. This company was formed due to the need for additional services in relation to our right-of-way appraisal business.

Real Estate Development – (2003 to Present)
My experience has included development of multi-family, retail, office, industrial, agricultural, recreational and other commercial real estate development projects throughout the state of Mississippi.

Mississippi Department of Transportation – (1998 to 2001)
Senior R.O.W. Appraiser and Project Leader
Primary responsibility was supervision and appraisal of Right-of-Way for Road Project across the entire state of Mississippi. Acted as appraisal project manager on multiple projects. Included court testimony and expert witness duties.

Engineering Plus - Meridian, MS – (1996 to 1998)
Primary responsibility was assistance in preparation of plans for State Aid Road Projects. for a civil engineering firm, which included CAD design of Bridges and Road Alignments, Implementation of Survey data, Site inspections, and determination of Right-of-Way Limits.

Academic Background

- BLA (Bachelor's in Landscape Architecture) received from Mississippi State University – (1996)
- BS in Agriculture (Contracting Option) received from Mississippi State University – (1996)

Professional Summary

My professional career began in the civil engineering industry in 1996, which included starting in the field with surveying. This later progressed into office-based CAD design for road and bridge projects. In 1998, I was hired by the Mississippi Department of Transportation as an entry level appraiser, where again my expertise led me to be team leader of an appraisal staff. This included performing real estate appraisals and expert witness testimonies in relation to right-of-way needed for road and bridge projects across the state of Mississippi. In 2001, I entered into a private practice where my expertise was expanded to the appraisal and consultation of all forms of real estate for a wide variety of clients. In 2002, I became General Certified, and followed this certification with the MAI designation from the Appraisal Institute in 2008. In addition to the appraisal business, I have been involved in the development of a variety of commercial projects around the state. In 2016, due to the expanding needs of our clients for assistance in right-of-way acquisition, we began Atlas Right-of-Way services, which is a full-service right-of-way company. This experience, in excess of 20 years, has granted me great competency in a wide range of real estate matters. Clients have included local, state and federal government agencies, utility companies, attorneys, large corporations and private property owners.

Court Testimony Experience

In addition to my appraisal experience, I have vast court testimony experience in the field of real estate valuation for condemnation, bankruptcy, diminution in value, inverse condemnation, partitioning, and other real estate related cases. This court testimony experience began in 2000 and exceeds 75 cases over the last 20 years. This experience includes testimony over the entire state from North Mississippi to the Delta to the Gulf Coast. Clients have included the Mississippi Department of Transportation, Mississippi Power, private property owners, the Department of Justice, Local Public Agencies, various other utility companies including electrical transmission corridors and gas pipeline right of ways.

This experience has included various settings including court room testimony, depositions, and mediations.

Professional Education

The Appraisal of Partial Acquisitions (401) - Jackson, MS	IRWA	1998
Appraisal Principles Course (110) - Houston, TX	Appraisal Institute	1998
Appraisal Procedures Course (120) - Houston, TX	Appraisal Institute	1998
Basic Income Capitalization (310) - Nashville, TN	Appraisal Institute	1999
Advanced Income Capitalization (510) - Atlanta, GA	Appraisal Institute	2000
Principles of Land Acquisition (100) Jackson, MS	IRWA	2000
Skills of Expert Witness Testimony (214)- Gulfport, MS	IRWA	2000
Advanced Sales Comparison & Cost Approach (530) Atlanta, GA	Appraisal Institute	2001
Standards of Professional Practice (410) - Houston, TX	Appraisal Institute	2002
Highest and Best Use & Market Analysis (520)- Atlanta, GA	Appraisal Institute	2002
Report Writing & Valuation Analysis (540) - Atlanta, GA	Appraisal Institute	2002
Advanced Applications (550) - Chicago, IL	Appraisal Institute	2003
Conservation Easement Workshop - Vicksburg, MS	Tara Wildlife	2003
Standards of Professional Practice, USPAP (420) - Online	Appraisal Institute	2004
Completed Comprehensive Exam for MAI Designation, Nashville	Appraisal Institute	2004
Land Titles (C801) - Hattiesburg, MS	IRWA	2005
Land Valuation Adjustments - Tunica, MS	Appraisal Institute	2006
USPAP - Online Course	Appraisal Institute	2006

REO Appraisal - Pearl, MS	Appraisal Institute	2008
Appraising Distressed Properties - Biloxi, MS	Appraisal Institute	2009
Introduction to Conservation Easement Valuation	Appraisal Institute	2010
Oil Spills and Property Values	Appraisal Institute	2010
USPAP Update	McKissock	2010
Commercial Real Estate - Where do we go now?	Appraisal Institute	2010
Attacking and Defending an Appraisal in Litigation	Appraisal Institute	2011
The Impact of Dodd-Frank on Appraisers and Their Bank Clients	Appraisal Institute	2012
Advanced Spreadsheet Modeling for Valuation Applications	Appraisal Institute	2013
Uniform Appraisal Standards for Federal Land Acquisitions	Appraisal Institute	2014
USPAP Update	Appraisal Institute	2014
105 The Uniform Act - Executive Summary	IRWA	2015
USPAP Update	Appraisal Institute	2015
Introduction to the Income Capitalization Approach -402	IRWA	2016
Easement Valuation – 403	IRWA	2016
Drone Technology and Its Impact on the Appraisal Industry	Appraisal Institute	2017
Fundamentals of Separating Real Property, Personal Property, and Intangible Business Assets	Appraisal Institute	2017

USPAP Update course	Appraisal Institute	2018
Business Practices and Ethics	Appraisal Institute	2018
Advanced Residential Relocation Assistance	IRWA	2018
Online Business Practices and Ethics	Appraisal Institute	2019
Basic Appraisal Principles & Procedures Under the Uniform Act	FHWA	2019
USPAP Update course	Appraisal Institute	2020
Introduction to the Uniform Appraisal Dataset	McKissock	2020
Business Practices and Ethics	Appraisal Institute	2020


State of Mississippi
MISSISSIPPI REAL ESTATE APPRAISER LICENSING AND CERTIFICATION BOARD
LICENSE # : GA-679 STATUS: ACTIVE
GEORGE WILLIAM NULL JR.
HAS BEEN GRANTED A LICENSE AS A
STATE CERTIFIED GENERAL APPRAISER
Effective Date: 12/01/2020
Expiration Date: 11/30/2022
SIGNATURE OF LICENSEE
Robert E. Praytor, Administrator

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Lamar Rutland**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve Waiver Valuation and Authorize acquisition of certain property identified as Forrest County PPIN 44390 for the Gordon's Creek Commons project.**
File Number: 2022-282
Minute Book #

Summary
Approve Waiver Valuation and Authorize acquisition of certain property identified as Forrest County PPIN 44390 for the Gordon's Creek Commons project.

Recommendation Statement
I recommend approval of this item.

Please place this on the April 19, 2022 City Council meeting for consideration.

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Ratify and confirm the Mayor's appointment of Jessica Cathey (Ward 1) to the Board of Adjustment for a three-year term, beginning May 4, 2022, and ending May 3, 2025.**
File Number: 2022-272
Minute Book #

Summary
Board of Adjustment Appointment

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

Jessica Nicole Cathey

16 Carlsbad Drive
Hattiesburg, MS 39402
601-818-2988
Jcathey3113@yahoo.com

SUMMARY

Experienced business professional with strong leadership and relationship-building skills.

EXPERIENCE

Human Resource Director February 2021-Present

Human Resource Manager September 2017-January 2021

- Coordinates and administers health, life and disability insurance enrollments and communicates with service providers concerning routine administration of programs. Administers all voluntary benefits offered.
- Performs benefits administration to include claims resolution, change reporting, approving invoices for payment, annual re-evaluation of policies for cost effectiveness, information activities program, and cash flow.
- Assures compliance with COBRA guidelines by preparing letters and other paperwork as directed; receives and records COBRA insurance premium payments.
- Analyzes compensation; monitors performance evaluation program and revises as necessary. Gives guidance to management as needed.
- Develops, recommends, and implements personnel policies and procedures; prepares and maintains handbook on policies and procedures.
- Carries out training for management in proper legal functions and processes.
- Maintains company organization charts
- Trains all staff consistently in the culture of the HCC.

Human Resource Specialist August 2014-September 2017

- Processes payroll for all facilities.
- Assists in maintaining personnel files in compliance with applicable legal requirements.
- Prepares paperwork required for all new hires. This includes keying employees in QuickBooks and placing them in the proper classification code for payroll, establishes personnel file, places employee in time clock and software system, reports all new hires to the state.
- Completes I-9 documentation and processes work authorizations using E-Verify online services.
- Maintains and reports all vacation, sick, and other PTO time employees accumulate.

Office of Special Disabilities Counselor II December 2012-August 2014

MS Department of Rehabilitation Services, Laurel, MS

- Managed 25 Personal Care Attendants
- Responsible for determining eligibility for clients under Home Community Based Services
- Developed and maintained plans of care for individual services under Medicaid guidelines
- Maintained sensitivity to the needs of people with disabilities
- Coordinated services for the State Attendant Care, Independent Living and the Traumatic Brain Injury/Spinal Cord Injury Trust Fund Programs
- Referred individuals to Medicaid Waiver Programs for people with disabilities

Adjunct Professor: Introduction to Business August 2012- December 2012

Pearl River Community College, Hattiesburg, MS

- Developed and managed syllabus materials
- Coordinated courseware and curriculum for BAD1113
- Facilitated class instruction
- Evaluated student performance

Family First Resource Center Coordinator May 2010- June 2012

Pearl River Valley Opportunity, Inc., Columbia, MS

- Provided seminars, classes and presentations to students ages 10-19
- Taught students in Marion, Forrest, Jefferson Davis and Perry county school districts
- Provided information that was culturally and developmentally appropriate
- Designed educational presentations to fit particular class needs
- Developed courses for students that were approved by The Department of Human Services
- Maintained partnerships with other organizations, agencies and entities

Administrative Assistant September 2009- May 2010

The City of Hattiesburg, Hattiesburg, MS

- Responsible for all departmental payroll activities
- Completed all correspondence and office scheduling
- Developed and maintained complex and confidential files
- Prepared requisitions, purchase orders, and other fiscal duties
- Relieved the Director of administrative detail
- Maintained all formal records for departmental meetings
- Ascertained which events required the Director's attendance
- Arranged travel through internal and external agents
- Prepared progress reports for all departments
- Responsible for maintaining the department budget
- Planned 2010 Community Development Week for the Department of Federal and State Programs
- Co-planned the 2010 Home Buyer Fair for the City of Hattiesburg

EDUCATION

University of Southern Mississippi August 2003- August 2009

- Master's Degree of Business Administration
- Bachelor's Degree in Merchandising with a Minor in Marketing

ACTIVITIES

- 2010-2011 Board Member, Tobacco Coalition
- March 2009- May 2009 Mentor, Ladder Program Mentor Committee
- 2008-2009 Treasurer, College of Business Graduate Association
- 2005-2006 President, Alpha Kappa Alpha Sorority Incorporated
- 2005-2006 Chaplain, Alpha Kappa Alpha Sorority Incorporated
- 2005-2006 President, The Fashion Merchandising Organization
- 2004-2005 Treasurer, The Fashion Merchandising Organization
- 2003-2004 Senator, Student Government Association
- 2003-2004 Secretary, The Fashion Merchandising Organization

HONORS

- 2008-2009 Awarded Graduate Assistantship for the Office of Admissions
- March 2006 Awarded *Most Promising Professional Award,* Fashion Merchandising Department
- Summer 2005 Awarded Tom and Mary Wolfe Fashion Merchandising Scholarship
- Fall 2004 Nominated for The President's List
- 2003-2007 Member, Alpha Lambda Delta Honor Society
- 2003-2005 Nominated for The National Dean's List

References Available Upon Request

BOARD/COMMISSION APPOINTMENT DATA SHEET

BOARD/COMMISSION Board of Adjustments

TERM OF OFFICE 3 years PERIOD May 4, 2022, and ending May 3, 2025

TERM EXPIRED: _____ OR RESIGNED: _____ LETTER ATTACHED: ___

REPLACES _____

NAME OF PROPOSED APPOINTEE Jessica Cathey

ADDRESS 16 Carlsbad Drive, Hattiesburg, MS

HOME PHONE NUMBER 601-818-2988 WARD Ward 1

PLACE OF EMPLOYMENT Hattiesburg Convention Commission

EMPLOYMENT ADDRESS One Convention Center Plaza , Hattiesburg, MS

EMPLOYMENT PHONE NO: (601) 268-3220 POSITION: Human Resource Director

---

PERSON CONTACTED BY Toby Barker, Mayor DATE: ___

AGREED TO SERVE: Yes DECLINED: _____

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ginger Lowrey, Planning Administrator**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Ratify and confirm the Mayor's appointment of Luke McNair (Ward 1) (Replaces Kenneth Waites, Ward 1) to the Planning Commission for a term beginning April 19, 2022, and ending May 12, 2023.**
File Number: 2022-271
Minute Book #

Summary
Planning Commission Appointment - Luke McNair, Ward 1 (Replacing Kenneth Waites, Ward 1)

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

Luke McNair

luke.mcnair@gmail.com
601-604-2169
linkedin.com/in/luke-mcnair
https://trailblazer.me/id/lmcnair

Summary

Experienced, Educated, Seasoned, and Certified Software Engineer and Developer with over a decade of combined Software Engineering, Development, Team Lead, and DevOps Release Management experience.

Certified Salesforce Trailblazer and Platform Developer blazing new trails on the Salesforce platform, with over 3 years of combined Salesforce Developer experience.

Experience

Salesforce Developer

NewWave Telecom & Technologies, Inc.

May 2019 - Present (2 years 11 months +)

Develops LWC and Aura lightning components, Visualforce pages / components, Apex classes / triggers, and integrations for the Center for Medicare and Medicaid Innovation's Salesforce Government Cloud Plus instance. Configures and deploys external Experience Cloud portal communities, custom objects, fields, metadata, settings, validation rules, flows, processes, email alerts, and workflow rules. Performs enhancements and bug fixes on Salesforce code-base, utilizing GitHub repository for distributed, decentralized source code repository.

Tools Utilized: Visual Studio Code / SFDX CLI Extension, Workbench, Data Loader, ANT Migration Tool, SourceTree, GitHub, Jenkins, and JIRA

Software Engineer

NewWave Telecom & Technologies, Inc.

Jul 2015 - May 2019 (3 years 11 months)

Developed front-end Angular components and back-end Java microservices that service REST API endpoints for a medical record auditing process tool, while concurrently supporting a multi-system legacy environment for the same; both of which utilize and require data model interactions with MySQL (via Hibernate) and MS SQL Server databases, respectively. Performed end-to-end environment and release management for all legacy project environments including development, test, training, and production.

Programmer/Analyst

Howard Industries

Mar 2015 - Jul 2015 (5 months)

Developed internal VB and ASP.NET web applications for viewing Certified Test Results for large scale distribution transformers and for scanning / comparing network files affected by viruses. Monitored and resolved programmatic issues from daily PDF work document generation background jobs. Experience and tenure at Howard Industries brief due to being approached with another opportunity offered and accepted.

Center Associate 6

Deloitte

Jun 2009 - Mar 2015 (5 years 10 months)

RADV - Multi-system team lead, utilizing systems integration experience to manage and drive development team towards ultimate project goals, including development, delivery, maintenance, and support for Medical Record Auditing and other military government tools written in C# and ASP.NET for SQL databases. Performed end-to-end environment and release management for all system environments including development, test, training, and production.

Salesforce - Developed and administered Salesforce applications for pro-bono non-profit client, performing a variety of tasks, including Visualforce / Apex development, configuration, analytics, data migration, and environment / release management.

HealthCare.gov - Data Engineer and Team Lead for group of Help Desk Account Specialists, utilizing tools including SQL Server Management Studio, JIRA, Sugar CRM, and Visio to manage, collect, store, and retrieve health insurance plan rate and benefit data.

SAP - Developed and unit tested ABAP code for interfaces, enhancements, data conversions, reports, and forms on multiple state and commercial client SAP systems in HR, FI, SD, and MM modules.

Application Developer II

BearingPoint

Aug 2007 - May 2009 (1 year 10 months)

Developed and unit tested ABAP code for interfaces, enhancements, and data conversions on multiple state and commercial client SAP systems with development performed in HR, SD, and MM business modules. Trained and mentored new hire software developers in the ABAP development discipline.

Co-op Design and Test Student Engineer

Adtran

Jan 2005 - Jul 2006 (1 year 7 months)

Developed VPN dead peer detection feature in C/C++ for ADTRAN's base router firmware OS. Debugged and redesigned debugger and testing programs using Visual C++ for ADTRAN's Total Access 1100/1200 Series Infineon DSP, allowing for retrieval and display of graphical signal data.

Education

The University of Southern Mississippi

Bachelor of Science, Computer Science, Overall GPA: 3.77 / 4

Licenses & Certifications

Salesforce Certified Platform Developer I - Salesforce

22464672

DevOps Foundation - DevOps Institute

BOARD/COMMISSION APPOINTMENT DATA SHEET

BOARD/COMMISSION Hattiesburg Planning Commission

TERM OF OFFICE 5 years PERIOD April 19, 2022 through May 12, 2023

TERM EXPIRED: ___ OR RESIGNED: X LETTER ATTACHED: ___

REPLACES Kenneth Waites

NAME OF PROPOSED APPOINTEE Luke McNair

ADDRESS

HOME PHONE NUMBER 601-604-2169 WARD Ward 1

PLACE OF EMPLOYMENT NewWave Telecom and Technologies Inc

EMPLOYMENT ADDRESS

EMPLOYMENT PHONE NO: POSITION:

PERSON CONTACTED BY Toby Barker DATE:

AGREED TO SERVE: DECLINED:

Tom King
Southern District Commissioner
Kelly R. Castleberry
District 6 Engineer

P. O. Box 551
Hattiesburg, MS 39403-0551
Telephone (601) 544-6511
FAX (601) 544-0227

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Brad White
Executive Director

Brian D. Ratliff
Deputy Executive Director/Chief Engineer

Lisa M. Hancock
Deputy Executive Director/Administration

GoMDOT.com

City of Hattiesburg
Attn: Toby Barker, Mayor
P.O. Box 1898
Hattiesburg, MS 39403-1898

RE: Transfer of MDOT Equipment to City of Hattiesburg for I-59 Maintenance

The Mississippi Department of Transportation (MDOT) does hereby transfer an Agricultural Wheel Tractor (2003 John Deere Model, Asset # 6008630, Serial # L06420A365334) and a Fifteen (15) foot Rotary Cutter Mower (2008 Bushwhacker Model, Asset # 2600043, Serial # 49012) to the City of Hattiesburg for use on an executed Maintenance Agreement between both entities. The transferred equipment will be used to mow Interstate 59 between the Bouie River and U.S. Highway 98 East.

MDOT makes no warranty on the equipment except it is in operating condition upon initial transfer. The City hereby agrees to full acceptance of said equipment "as is" and said equipment is further considered property of City of Hattiesburg.

Kelly R. Castleberry 4/12/22

By: Kelly Castleberry Date
District Engineer
MDOT

By: Toby Barker Date
Mayor
City of Hattiesburg

pc: File
District Asset Manager (Broom)
MDOT Asset Director (Ethridge)

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Cecilia Jones**

cc: **Kermas Eaton, City Clerk**

Date: **Tuesday, April 19, 2022**

Re: **Acknowledge receipt of the Privilege Tax License monthly report for March, 2022.**
File Number: 2022-250
Minute Book #

Summary
Acknowledge receipt of the Privilege Tax License monthly report for March 2022.

Recommendation Statement
Recommend acknowlegement of receipt of PrivilegeTax License monthly report for March 2022.

Please place this on the April 19, 2022 City Council meeting for consideration.

PRIVILEGE LICENSE MONTHLY REPORT
03/01/2022 TO 03/31/2022

New Licenses

License No.	Amount	Penalty	Owner, Name, & Address of Business
LIC-01-22-023492	$65.00		URBAN PLANET 1000 TURTLE CREEK DR STE G HATTIESBURG MS 39402
LIC-01-22-023494	$10.00		DON CHUY'S MEXICAN GRILL & BAR 6555 US HWY 98 STE 20 HATTIESBURG MS 39402
LIC-01-22-023574	$45.00		AZTEC MOTORS 1502 N MAIN ST HATTIESBURG MS 39401
LIC-01-22-023581	$10.00		LINCOLN EXPRESS MART 2701 LINCOLN RD HATTIESBURG MS 3942
LIC-01-22-023582	$38.33		LINCOLN EXPRESS MART 2701 LINCOLN RD HATTIESBURG MS 3942
LIC-02-22-023706	$45.00		BOUJEE BOSS POP UP MARKET 1000 TURTLE CREEK DR STE 480 HATTIESBURG MS 39402
LIC-02-22-023726	$20.00		LIZANA ELECTRIC SERVICES LLC 787 JB HORNE RD HATTIESBURG MS 39401
LIC-02-22-023776	$42.50		BENSON STEAKHOUSE 6414 HWY 98 W STE 60 HATTIESBURG MS 39402
LIC-02-22-023777	$8.75		BENSON STEAKHOUSE 374 PITTMAN RD ELLISVILLE MS 39437
LIC-03-22-023806	$55.00		VEIN INSTITUTE 6169 HWY 98 W STE 30 HATTIESBURG MS 39402
LIC-03-22-023807	$45.00		KIM HANEY LAW OFFICE P.O. BOX 4045 BAY ST LOUIS MS 39520
LIC-03-22-023847	$20.00		KC COATINGS LLC 345 BRANCH DR ALPHARETTA GA 3004
LIC-03-22-023864			TOP CHOICE HEALTHCARE P.O. BOX 16476 HATTIESBURG MS 39401
LIC-03-22-023929	$20.00		JIM COOPER CONSTRUCTION COMPANY, INC 5004 5TH AV BIRMINGHAM AL 35212
LIC-03-22-023930	$30.00		TEMP-MASTERS, INC. P.O. BOX 190 UNIONDALE IN 46791
LIC-03-22-023938	$39.00		JW CHAIN CONTRACTORS, LLC P.O. BOX 16837 HATTIESBURG MS 39404

LIC-03-22-023985	$20.00		WLLB TRUCKING 29 PARK PLACE APT 1702 HATTIESBURG MS 39402
LIC-10-21-023069	$18.33		THE BEER BARN 6430 HWY 49 N HATTIESBURG MS 39401
LIC-10-21-023070	$38.75		THE BEER BARN 6430 HWY 49 N HATTIESBURG MS 39401
LIC-12-21-023363	$45.00		OAK GROVE MASSAGE 35 WAVERLY CIR HATTIESBURG MS 39402
LIC-12-21-023424	$45.00		MID SOUTH REHAB OUTPATIENT CLINIC, LLC 103 FOX CHASE DR HATTIESBURG MS 39402
21	**$660.66**		

Renewed Licenses

License No.	Amount	Penalty	Owner, Name, & Address of Business
LIC-03-21-021172	$20.00		RUSH LAW FIRM P.O. BOX 105 HATTIESBURG MS 39403
LIC-03-22-023800	$20.00		S & S PLUMBING,LLC 60 OVERSTREET ROAD HATTIESBURG MS 394020000
LIC-03-22-023802	$20.00	$4.00	THOMAS A BLANTON 707 HARDY ST HATTIESBURG MS 39401
LIC-03-22-023804	$20.00	$2.20	SPE AUTO SALES, LLC 5452 OLD HWY 42 HATTIESBURG MS 39401
LIC-03-22-023805	$20.00		FOREVER YOUNG BEAUTY SALON BARBER SHOP 206 BROADWAY DR HATTIESBURG MS 39401
LIC-03-22-023808	$20.00	$2.20	BODY VAULT 3407 HARDY ST STE 20 HATTIESBURG MS 39402
LIC-03-22-023809	$20.00	$2.20	HER HAIR LOUNGE & CO 3407 HARDY ST STE 20 HATTIESBURG MS 39402
LIC-03-22-023810	$20.00		JORDAN PLUMBING SERVICE 246 TURNER STREET WAYNESBORO MS 39367
LIC-03-22-023811	$1,840.00		SUNBELT RENTALS, INC. 5595 HWY 49 S HATTIESBURG MS 39401
LIC-03-22-023813	$30.00		SIMPLY the BEST KARE, LLC 602 ADELINE ST STE D1, D2 & D3 HATTIESBURG MS 39401
LIC-03-22-023814	$20.00		HEAVENLY ANGELS CARE GIVING SERVICES 607 DUKE AV HATTIESBURG MS 39401
LIC-03-22-023815	$20.00		MERLE NORMAN HATTIESBURG 163 TURTLE CREEK DR HATTIESBURG MS 39402
LIC-03-22-023816	$20.00		TIGER ROCK MARTIAL ARTS 28 MARKET COURT 40 HATTIESBURG MS 394020000

LIC-03-22-023817	$150.00		HOSPICE ADVANTAGE, LLC 517 W SCOOBA ST 20 & 30 HATTIESBURG MS 39401
LIC-03-22-023819	$20.00	$3.20	THE AUTHOR SHOPPE 140 E FRONT ST HATTIESBURG MS 39401
LIC-03-22-023820	$15.00	$7.50	THE AUTHOR SHOPPE 140 E FRONT ST HATTIESBURG MS 39401
LIC-03-22-023824	$20.00	$24.40	THE TAVERN 1825 HARDY STREET HATTIESBURG MS 39401-
LIC-03-22-023825	$20.00	$3.20	THE TAVERN 1825 HARDY STREET HATTIESBURG MS 39401-
LIC-03-22-023828	$15.00	$7.50	THE TAVERN 1825 HARDY STREET HATTIESBURG MS 39401-
LIC-03-22-023830	$20.00		HAMILTON CATERING, INC . 102 MELWOOD DR HATTESBURG MS 39401
LIC-03-22-023831	$30.00		ROBERTS & ASSOCIATES 307 W PINE ST HATTIESBURG MS 39401
LIC-03-22-023832	$20.00		UNITED FENCE COMPANY 255 MCLEOD STREET HATTIESBURG MS 39401
LIC-03-22-023833	$20.00		CARTER LAW OFFICE 404 HEMPHILL STREET HATTIESBURG MS 394010000
LIC-03-22-023834	$20.00		HERITAGE VISION CENTER, INC. 6096 HWY 98 STE I HATTIESBURG MS 39402
LIC-03-22-023835	$78.00		AMEDISYS HOME HEALTH OF HATTIESBURG 132 MAYFAIR RD STE 1 HATTIESBURG MS 394021463
LIC-03-22-023836	$80.00		J P M OF MISSISSIPPI, INC. 116 W L RUNNELS INDUSTRIAL DR HATTIESBURG MS 39401
LIC-03-22-023837	$20.00		HATTIESBURG TRUCK PARTS 5484 HIGHWAY 42 HATTIESBURG MS 39401-
LIC-03-22-023838	$20.00		LAMAR PROPERTY & REALTY, INC 219 S 40TH AVENUE STE D HATTIESBURG MS 39402-
LIC-03-22-023839	$30.00		MONTAGUE, PITTMAN & VARNADO,P .A. 525 MAIN STREET HATTIESBURG MS 39401
LIC-03-22-023840	$0.00	$0.00	CADILLAC PIG BB2 & MORE 5912 HWY 49 F C-5 HATTIESBURG MS 39401
LIC-03-22-023841	$0.00	$0.00	CADILLAC PIG BB2 & MORE 812 HALL AV HATTIESBURG MS 39401
LIC-03-22-023842	$150.00		CRACKER BARREL PO BOX 787 LEBANON TN 37088-

LIC-03-22-023843	$30.00		WINDSOR VILLAGE APARTMENTS, LP 6490 N HWY 49 HATTIESBURG MS 39401
LIC-03-22-023844	$30.00		WATER PRO INC . 315 E 3RD ST HATTIESBURG MS 39401
LIC-03-22-023845	$30.00		BURNS COOLEY DENNIS, INC. 1402 CORINNE STREET HATTIESBURG MS 39401
LIC-03-22-023846	$20.00		ART'S ARMORY 5266 OLD HWY 11 STE 50 HATTIESBURG MS 39402
LIC-03-22-023848	$20.00		GREGORY ALSTON, ATTORNEY AT LAW 606 ADELINE ST HATTIESBURG MS 39401
LIC-03-22-023849	$20.00		SPEEDY PRINTING/SIGN 1002 HARDY STREET HATTIESBURG MS 39401
LIC-03-22-023850	$20.00		VAPORIZED 2401 HARDY ST HATTIESBURG MS 39401
LIC-03-22-023852	$20.00		ABBEY SALON & SPA 22 98 PLACE BLVD HATTIESBURG MS
LIC-03-22-023853	$30.00		CRAFT AUTO SALES 911 E HARDY STREET HATTIESBURG MS 394010000
LIC-03-22-023854	$440.00		AGRI-AFC 203 WISTERIA DRIVE HATTIESBURG MS 39401-
LIC-03-22-023855	$51.00		MISSISSIPPI MATERIALS CO. 1920 BYRON STREET HATTIESBURG MS 39401
LIC-03-22-023856	$20.00	$2.20	U.S. NAILS II 5064 HARDY STREET 30 HATTIESBURG MS 39402
LIC-03-22-023857	$20.00		GEORGE MOORE PLUMBING 30 COURTNEY RD PETAL MS 39465-
LIC-03-22-023858	$66.00		HARWELL & COMPANY LLC 2390 RAYMOND TANNER RD SEMMES AL 36575
LIC-03-22-023859	$30.00		BURCH CORPORATION 216 S OPOTO MADRID BOULEVARD BIRMINGHAM AL 35206-
LIC-03-22-023860	$20.00		TEKLINKS, INC. 6184 HIGHWAY 98 W STE 110 HATTIESBURG MS 39403
LIC-03-22-023861	$96.00		KENAN TRANSPORT LLC 4366 MT. PLEASANT ST NW NORTH CANTON OH 44720
LIC-03-22-023862	$30.00		SMITH'S INC. OF DOTHAN PO BOX 1207 DOTHAN AL 36302-
LIC-03-22-023863	$45.00	$4.95	GULF EQUIPMENT CORPORATION 5540 BUSINESS PARKWAY THEODORE AL 36582

LIC-03-22-023867	$200.00	WILLIAM CAREY UNIV. BOOKSTORE #015 120 MOUNTAIN VIEW BLVD BASKING RIDGE NJ 07920
LIC-03-22-023868	$20.00	EASTSIDE BARBER SHOP 204 EASTSIDE AVENUE HATTIESBURG MS 394010000
LIC-03-22-023869	$30.00	JOHN'S CAR CARE 1209 HARDY ST HATTIESBURG MS 39401
LIC-03-22-023870	$10.00	JOHN'S CAR CARE 1209 HARDY ST HATTIESBURG MS 39401
LIC-03-22-023871	$20.00	GLOSSED BY JAY 2304 W 7TH ST APT 15 HATTIESBURG MS 39401
LIC-03-22-023872	$20.00	WILL'S GUN AND AMMO 39A KING RD HATTIESBURG MS 39401
LIC-03-22-023873	$100.00	WILL'S GUN AND AMMO 39A KING RD HATTIESBURG MS 39402
LIC-03-22-023876	$30.00	HOME INSTEAD SERVICES CARE 800 S 28TH AV HATTIESBURG MS 39401
LIC-03-22-023879	$20.00	X-FINITY DANCE ACADEMY 827 HARDY ST HATTIESBURG MS 39401
LIC-03-22-023881	$20.00	ELECTRIC LOUNGE HAIR STUDIO 1715 HARDY ST STE 10 HATTIESBURG MS 39401
LIC-03-22-023883	$20.00	WILLIAM COUCH ATTORNEY P.O. BOX 471 LUMBERTON MS 39455
LIC-03-22-023884	$30.00	BONITA BROW BAR 906 DELFORD WAY SUGARLAND TX 77479
LIC-03-22-023885	$30.00	ROSELAND PARK CEMETARY & BEVERLY MEMORIAL COMPANY 519 HARDEE ST DALLAS GA 30132
LIC-03-22-023886	$30.00	CITIZENS NATIONAL BANK 5917 U S HWY 49 HATTIESBURG MS 39402
LIC-03-22-023887	$20.00	ADAMO ENTERPRISES/EAST HARDY TIRE PO BOX 387 PETAL MS 39465-0387
LIC-03-22-023888	$20.00	LIL SMOKEHOUSE LLC PO BOX 1509 PURVIS MS 39475
LIC-03-22-023889	$20.00	LIL' CAR WASH, INC PO BOX 1509 PURVIS MS 39475-
LIC-03-22-023891	$20.00	RAZORS EDGE HAIR SALON LLC 4700 HARDY ST STE F HATTIESBURG MS 39402
LIC-03-22-023892	$30.00	FRONT PORCH BARBECUE & SEAFOOD 39 CANEBRAKE BLVD HATTIESBURG MS 39402

LIC-03-22-023893	$20.00		HATTIE'S DRAWERS 2006 ADELINE STREET HATTIESBURG MS 39401-
LIC-03-22-023894	$30.00		BRISTER-STEPHENS, INC.45 SOLAR COURT MANDEVILLE,LA 70471 PO BOX 8985 COURT MANDEVILLE LA 70470-0000
LIC-03-22-023895	$20.00		AAA HOMES OF MS, LLC 723 HARDY STREET HATTIESBURG MS 39401-
LIC-03-22-023896	$20.00		ABUNDANT LIFE SALON, LLC 1513 HARDY ST STE B HATTIESBURG MS 39401
LIC-03-22-023897	$20.00		ZELAYA'S BAKERY 2310 W 1ST ST APT 16 HATTIESBURG MS 39401
LIC-03-22-023898	$20.00		SUNSET INN 6560 US HWY 49 HATTIESBURG MS 39401
LIC-03-22-023899	$20.00		GREENHOUSE YOGA 208 S 25TH AVENUE HATTIESBURG MS 39401-
LIC-03-22-023900	$30.00		SOUTHERN OIL COMPANY INC 6933 HIGHWAY 49 HATTIESBURG MS 39402-
LIC-03-22-023901	$30.00		AMERICAN AIR SPECIALIST OF MS PO BOX 162 HATTIESBURG MS 39402
LIC-03-22-023902	$25.00		CATO FASHIONS /CATO PLUS # 683 P.O. BOX 34216 CHARLOTTE NC 28234
LIC-03-22-023903	$10.00		ECOATM, LLC 10121 BARNES CANYON RD SAN DIEGO CA 92121
LIC-03-22-023905	$30.00	$4.20	GRAND BANK FOR SAVINGS FSB 204 WESTOVER DRIVE HATTIESBURG MS 39402
LIC-03-22-023906	$20.00	$2.20	GARY'S SMALL ENGINE 1400.5 E HARDY STREET HATTIESBURG MS 39401-
LIC-03-22-023907	$36.00		SUNNYBROOK DENTISTRY 210 N INTERSTATE PARKWAY SE STE 300 ATLANTA GA 30339
LIC-03-22-023908	$20.00	$2.20	ADVANTAGE TAX & PRINTING SERVICE INC . 2407 W 4TH ST HATTIESBURG MS 39401
LIC-03-22-023909	$30.00		JACKSON BROTHERS CONSTRUCTION SERVICES LLC 47 NORTH OF FIELDS HATTIESBURG MS 39402
LIC-03-22-023910	$20.00		PIERCE PLUMBING INC. 1518 N MAIN STREET HATTIESBURG MS 39401-
LIC-03-22-023911	$30.00		PIERCE PLUMBING INC. 1518 N MAIN STREET HATTIESBURG MS 39401-
LIC-03-22-023912	$20.00		PIERCE PLUMBING INC. 1518 N MAIN STREET HATTIESBURG MS 39401-

LIC-03-22-023913	$20.00		DENNIS PIERCE, INC. 23 LIBERTY PLACE HATTIESBURG MS 39402
LIC-03-22-023914	$30.00		DUKES & DUKES LAW OFFICE PO BOX 2055 HATTIESBURG MS 394032055
LIC-03-22-023915	$20.00		THE CUT BY HAIR CREATIONS 1601 ADELINE STREET HATTIESBURG MS 39401-
LIC-03-22-023916	$440.00		ZALES JEWELERS #1776 1000 TURTLE CREEK DR STE 340 HATTIESBURG MS 39402
LIC-03-22-023917	$93.00	$15.81	RA SHOP #7 LLC 629 LOTUS DR N. MANDEVILLE LA 704710000
LIC-03-22-023918	$33.00		RENT-A-CENTER #04366 1000 BROADWAY DR 25 HATTIESBURG MS 39401
LIC-03-22-023919	$40.00		FASTENAL COMPANY PO BOX 1206 WINONA MN 559870000
LIC-03-22-023920	$57.00		AIRGAS USA, LLC PO BOX 9219 MARIETTA GA 30065-
LIC-03-22-023921	$51.00		HATTIESBURG CLINIC P.A.-SLEEP CENTER MED 415 S 28TH AVENUE HATTIESBURG MS 394010000
LIC-03-22-023922	$33.00		HATTIESBURG CLINIC PURCHASING 415 S 28TH AV HATTIESBURG MS 394017283
LIC-03-22-023923	$20.00		WILLIAM CAREY STUDENT HEALTH 710 WILLIAM CAREY PARKWAY HATTIESBURG MS 39401
LIC-03-22-023924	$20.00		HATTIESBURG CLINIC, P.A./PRINT CENTER 415 S 28TH AV HATTIESBURG MS 39401
LIC-03-22-023925	$30.00		BILL'S PLUMBING CO. 31 HARTFIELD RD PETAL MS 39465
LIC-03-22-023926	$20.00		HATTIESBURG BUILDING CONTRACTORS LLC 5290 OLD HIGHWAY 11 HATTIESBURG MS 39401-
LIC-03-22-023927	$20.00		HATTIESBURG BUILDING CONTRACTORS LLC 5290 OLD HIGHWAY 11 HATTIESBURG MS 39401-
LIC-03-22-023928	$20.00		HATTIESBURG BUILDING CONTRACTORS LLC 5290 OLD HIGHWAY 11 HATTIESBURG MS 39401-
LIC-03-22-023935	$20.00	$3.00	CASH INC OF HATTIESBURG 578 C S LAKELAND EAST DR FLOWOOD MS 39232
LIC-03-22-023936	$33.00	$4.95	HEART OF HOSPICE LLC 134 COLUMBUS ST CHARLESTON SC 29403
LIC-03-22-023939	$20.00		ONE STOP TIRE SHOP 1813 EDWARDS STREET STE 10 HATTIESBURG MS 39401-

LIC-03-22-023940	$20.00	$2.60	SAINTS OR SINNERS BOUTIQUE 15 OLD AIRPORT RD APT 204 HATTIESBURG MS 39401
LIC-03-22-023941	$20.00		THE BEAUTY SUITE 101 MELISSA LN HATTIESBURG MS 39402
LIC-03-22-023942	$20.00		LUMINOUS FACIAL SPA LLC 6414 HWY 98 W STE 40 HATTIESBURG MS 39402
LIC-03-22-023943	$40.00		COVINGTON CASKET COMPANY 2792 EDWARDS ST STE 20 HATTIESBURG MS 39401
LIC-03-22-023944	$20.00		TREASURE ISLAND 12503 LYNX LN SUGAR LAND TX 77478-
LIC-03-22-023945	$33.00		FARRELL CALHOUN, INC 5290 OLD HWY 11 HATTIESBURG MS 39402-
LIC-03-22-023946	$20.00		TWICE THE ICE 5334 US HWY 49 HATTIESBURG MS 39401
LIC-03-22-023947	$30.00		POSTLETHWAITE & NETTERVILLE 8550 UNITED PLAZA BLVD STE 1001 BATON ROUGE LA 70809
LIC-03-22-023948	$20.00		HATTIESBURG PAYDAY LOAN CO INC . 1910 HARDY STREET STE 20B HATTIESBURG MS 39401-
LIC-03-22-023950	$20.00		L & L LAUNDRY 302 KATIE AVENUE HATTIESBURG MS 39401
LIC-03-22-023951	$20.00		DIFFERENT DRUMMER PUBLISHING LLC 3904 HARDY ST HATTIESBURG MS 39402
LIC-03-22-023952	$30.00		SPEEDEE OIL CHANGE 5032 W HWY 98 HATTIESBURG MS 39402
LIC-03-22-023953	$30.00		COLONY CONSTRUCTION, LLC. POST OFFICE BOX 17137 HATTIESBURG MS 39404
LIC-03-22-023954	$45.00		REDBOX AUTOMATED RETAIL, LLC 3720 HARDY (OUTSIDE CORNER MARKET) ST HATTIESBURG MS 39402
LIC-03-22-023955	$150.00		CMS WIRELESS LLC 29 MAUMELLE CURVE CT NORTH LITTLE ROCK AR 72113
LIC-03-22-023956	$20.00		TRANSFORM SR HOME IMPROVEMENT PRODUCTS LLC PO BOX 522290 LONGWOOD FL 32752
LIC-03-22-023957	$20.00		H M P DESIGN 100 W PINE ST HATTIESBURG MS 39401
LIC-03-22-023958	$33.00		TEXTBOOK BROKERS OF MISSISSIPPI INC 2902 HARDY STREET STE 120 HATTIESBURG MS 39401-
LIC-03-22-023959	$33.00		HOT TOPIC #657 1000 TURTLE CREEK DRIVE 350 HATTIESBURG MS 39402

LIC-03-22-023963	$20.00		HERNANDEZ TIRE SHOP 902 HARDY STREET HATTIESBURG MS 39401-
LIC-03-22-023964	$20.00		HERNANDEZ TIRE SHOP # 2 902 HARDY STREET HATTIESBURG MS 39401-
LIC-03-22-023965	$30.00		ROTECH 934 BROADWAY DRIVE 30 HATTIESBURG MS 39401
LIC-03-22-023970	$20.00		QUEEN LAUNDRY 1231.5 N MAIN ST HATTIESBURG MS
LIC-03-22-023971	$150.00		CHANNEL CONTROL MERCHANTS, LLC PO BOX 1857 ATTN BUSINESS LIC HATTIESBURG MS 394030711
LIC-03-22-023972	$20.00		NEBLETTS FRAME OUTLETS, INC. 3906 HARDY ST STE 10 HATTIESBURG MS 39401
LIC-03-22-023973	$30.00		PAYNE COMPANIES, LLC PO BOX 1267 HATTIESBURG MS 39403
LIC-03-22-023974	$20.00		WISE CARTER CHILD & CARAWAY 601 ADELINE ST HATTIESBURG MS 39401
LIC-03-22-023975	$80.00		BIO SOIL ENHANCERS INC 1161 JAMES STREET HATTIESBURG MS 39401-
LIC-03-22-023976	$20.00		LAVISH BEAUTY SALON 108 S 10TH AV HATTIESBURG MS
LIC-03-22-023977	$20.00		ACCEPTANCE NOW #05947 5501 HEADQUARTERS DR ATTN : TAX DEPT PLANO TX 75024
LIC-03-22-023978	$20.00		NORTH HILLS PLACE APARTMENTS 200 CAHAL STREET HATTIESBURG MS 39403
LIC-03-22-023980	$20.00		TAYLORS GARAGE & USED CARS, LLC 41 KING RD HATTIESBURG MS 39402
LIC-03-22-023981	$20.00		MEADOR HOMESTEAD B & B 6775 HWY 49 HATTIESBURG MS 39402-
LIC-03-22-023982	$40.00		TISH GAMMILL INTERIOR DESIGN, LLC 3820 HARDY STREET HATTIESBURG MS 394020000
LIC-03-22-023983	$20.00		CARRIAGE INN MOTEL 914 BROADWAY DRIVE HATTIESBURG MS 39401-
LIC-03-22-023984	$10.00		CARRIAGE INN MOTEL 914 BROADWAY DRIVE HATTIESBURG MS 39401-
LIC-03-22-023990	$20.00		THE SNO-HOUSE 1069 RICHBURG ROAD HATTIESBURG MS 39402-
LIC-03-22-023991	$20.00	$2.40	YALE'S PRO TAX SERVICE 1707 LINCOLN RD STE A & B HATTIESBURG MS 39401

LIC-03-22-023994	$20.00		COMMUNITY CONNECTIONS INC PO BOX 18612 HATTIESBURG MS 39404-8612
LIC-03-22-023995	$30.00		SMOOTHIE KING 3705 HARDY ST STE 30 HATTIESBURG MS 39402-
LIC-03-22-023996	$20.00		EAGLE SERVICE CORPORATION PO BOX 2077 HATTIESBURG MS 394030000
LIC-03-22-023997	$30.00		TATUM, VIRGINIA ANGELICO, PLLC, DDS 1623 S 28TH AVENUE HATTIESBURG MS 39402
LIC-03-22-023998	$20.00		HATTIESBURG CAR TITLE LOAN CO. INC. 1910 HARDY STREET B HATTIESBURG MS 39403
LIC-03-22-023999	$20.00		ELLEN A. BEVON CPA LLC 610 W PINE STREET HATTIESBURG MS 39401-
LIC-03-22-024000	$30.00		SOUTHERN PROHIBITION BREWING, LLC 301 MOBILE STREET HATTIESBURG MS 39401
LIC-03-22-024001	$50.00		SOUTHERN PROHIBITION BREWING, LLC 2056 OAK GROVE RD HATTIESBURG MS 394021475
LIC-03-22-024002	$20.00		POWER YOGA & MOVEMENT LLC PO BOX 329 POPLARVILLE MS 39470
LIC-03-22-024006	$20.00		KATMON INDUSTRIES, LLC 301 COURT ST HATTIESBURG MS 39401
LIC-03-22-024009	$20.00		STEWARD CONSTRUCTION CO., INC 3007 CITIZENS PARKWAY SELMA AL 36701-
LIC-03-22-024010	$20.00		PRO-KUTZ BARBER SHOP 334 A N 25TH AV HATTIESBURG MS 39401
LIC-03-22-024011	$20.00		DOMESTIC ABUSE FAMILY SHELTER INC . 1524 ADELINE ST STE C HATTIESBURG MS 39401
LIC-03-22-024012	$20.00		WILLIAM PEEBLES 307 3RD AVENUE HATTIESBURG MS 39401
LIC-03-22-024013	$20.00		NORMAN PAULI, JR., ATTORNEY AT LAW PO BOX 6 HATTIESBURG MS 394030000
LIC-03-22-024014	$30.00		SUBWAY @HATTIESBURG CLINIC 415 S 28TH AVENUE HATTIESBURG MS 39402
LIC-03-22-024015	$20.00		MILDRED MADDOX REAL ESTATE 3018 W 7TH STREET HATTIESBURG MS 39401-
163	**$7,651.00**	**$100.91**	

Total Collection for March

New Licenses	**$660.66**
Renewed Licenses	**$7,651.00**
Penalties	**$100.91**
Grand Total	**$8,412.57**

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Cecilia Jones**

cc: **Kermas Eaton, City Clerk**

Date: **Tuesday, April 19, 2022**

Re: **Acknowledge Proof of Publications for Hub City Spokes for the month of March, 2022.**
File Number: 2022-254
Minute Book #

Summary
Acknowledge Proof of Publications for Hub City Spokes for the month of March 2022.

Recommendation Statement
Acknowledge acceptance of Proof of Publications for Hub City Spokes for the month of March 2022.

Please place this on the April 19, 2022 City Council meeting for consideration.

HUB CITY SPOKES
A PUBLISHING COMPANY
NEWSPAPERS | MAGAZINES | DIGITAL
525 N. Main St. Suite C - Hattiesburg, MS
Mailing: P.O. Box 1110 - Hattiesburg, MS 39403

Month Ending	Invoice #
3/31/2022	99635

Bill To:

City of Hattiesburg
ATTN: Cecilia Jones
P.O. Box 1898
Hattiesburg, MS 39403-1898

SIGNATURE MAGAZINE
THE PineBeltNEWS

ATTENTION: We have a new address for submitting payments.

Beginning immediately, please remit payments to:
HubCitySPOKES: P.O. Box 1110 - Hattiesburg, MS 39403-1110

Due Date	P.O. No.
4/10/2022	
Sales Rep	Tearsheets
H	

Date	Description	Size of Ad	Total Inches	Rate	Publication	Amount
3/3/2022	Legal Notices - Notice to Bidders Bucket Truck	314 words		69.08		69.08
3/3/2022	Proof of Publication Fee			3.00		3.00
3/3/2022	Legal Notices - Notice to Bidders Lease Vehicles	312 words		68.64		68.64
3/3/2022	Proof of Publication Fee			3.00		3.00
3/3/2022	Legal Notices - ome ARP fp	986 word		118.32		118.32
3/3/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - Pubic Meeting Bicycle Advisory Group	125 words		27.50		27.50
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - Notice of Public Hearing 2022 ACT	414 words		91.08		91.08
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - NOI ROF Lead Safe	929 words		111.48		111.48
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - Daniel and DRake HPC	423 words		50.76		50.76
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - Tatum HPC	699 words		83.88		83.88
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - McCullum HPC	257 words		30.84		30.84
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - Martinez BOA	744 words		89.29		89.29
3/17/2022	Proof of Publication Fee			3.00		3.00

Did you know we now offer a variety of HELP WANTED solutions?
Call us today at (601) 268-2331 for more details.

Total

Payments/Credits

Phone #	Fax #	Questions? E-Mail:
(601) 268-2331	601-268-2965	accounting@HubCitySPOKES.com

Outstanding balances will incur a 1.5% service charge monthly, calculated from due date of invoice.

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A PUBLISHING COMPANY
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525 N. Main St. Suite C - Hattiesburg, MS
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3/31/2022	99635

Bill To:

City of Hattiesburg
ATTN: Cecilia Jones
P.O. Box 1898
Hattiesburg, MS 39403-1898

SIGNATURE MAGAZINE
THE PineBeltNEWS

ATTENTION: We have a new address for submitting payments.

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Date	Description	Size of Ad	Total Inches	Rate	Publication	Amount
3/17/2022	Legal Notices - BOA	512 words		61.44		61.44
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - Reed Nelson	1632 words		195.84		195.84
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - Reed Nelson Midtown	624 words		74.88		74.88
3/17/2022	Proof of Publication Fee			3.00		3.00
3/17/2022	Legal Notices - Public Notices	202 words		24.24		24.24
3/17/2022	Proof of Publication Fee			3.00		3.00

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Total	$1,139.27
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Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 314 Published 2 times

Date 1st Published: Feb 24 Amt: 37.68

Date 2nd Published: Mar 3 Amt: 31.40

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 69.08

Proof of Publication Fee: 3.00

TOTAL: 72.08

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 3rdth day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: Hattiesburg, City of - Notice to Bidders Bucket Truck
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

NOTICE TO BIDDERS

NOTICE is hereby given that the Mayor and Council of the City of Hattiesburg, Mississippi will receive bids in the following manner:

Proposals will be accepted until 10:00a.m. On Thursday, March 17, 2022, by electronic bid submission or in sealed envelopes at the Office of the City Clerk, 200 Forrest Street, Hattiesburg, MS 39401.Vendors must supply prices with their proposal. The bid form should be filled out and uploaded by the date and time stated above.

Specifications and procedures can be downloaded from Central Bidding at www.centralbidding.com All bids must comply with the specifications provided. The City of Hattiesburg reserves the right to amend the specifications, as necessary.

Submissions will be evaluated and vendors submitting acceptable offers will be invited to submit priced bids via reverse auction. Electronic bids and/or reverse auction bids can be submitted at www.centralbidding.com. For any questions relating to the electronic process, please call Central Bidding at (225)810-4814.

Qualified bidders will be invited to participate in a reverse auction, which will take place on March 24, 2022, at 10:30a.m.

ONE (1) NEW OR NEWER BUCKET TRUCK/REAR MOUNTED AERIAL UNIT FOR THE URBAN FORESTRY DIVISION, PARKS & RECREATION DEPARTMENT, CITY OF HATTIESBURG .

The above shall bid upon and delivered as per detailed specifications on file in the Office of the City Clerk, P. O. Box 1898, 200 Forrest Street, Hattiesburg, Mississippi, 39403-1898, (601) 545-4552, which may be obtained upon request.

The lowest and best bid received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State law; but the Council reserves the right to reject any or all bids received and to waive informalities.

PUBLISHED by Order of the Council on this, the 22nd day of February 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: /s/ Kermas Eaton
CITY CLERK
Published February 24, March 3, 2022

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 312 Published 2 times

Date 1st Published: Feb 24 Amt: 37.44

Date 2nd Published: Mar 3 Amt: 31.20

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 68.64

Proof of Publication Fee: 3.00

TOTAL: 71.64

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 3rd day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

NOTICE TO BIDDERS

NOTICE is hereby given that the Mayor and Council of the City of Hattiesburg, Mississippi will receive bids in the following manner:

Proposals will be accepted until 10:00 a.m. On Thursday, March 17, 2022, by electronic bid submission or in sealed envelopes at the Office of the City Clerk, 200 Forrest Street, Hattiesburg, MS 39401.Vendors must supply prices with their proposal. A bid form is provided. The bid form should be filled out and uploaded by the date and time stated above.

Specifications and procedures can be downloaded from Central Bidding a www.centralbidding.com. All bids mus comply with the specifications provided The City of Hattiesburg reserves the righ to amend the specifications, as necessary

Submissions will be evaluated and vendors submitting acceptable offers will be invited to submit priced bids via reverse auction. Electronic bids and/or reverse auction bids can be submitted at www.centralbidding.com. For any questions relating to the electronic process, please call Central Bidding at (225) 810-4814.

Qualified bidders will be invited to participate in a reverse auction, which will take place on March 24th, 2022, at 10:00 a.m. Lease Fifteen (15) Sports Utility Vehicles with Police Pursuit package for the Hattiesburg Police Department. The above shall be bid upon and delivered as per detailed specifications on file in the Office of the City Clerk, P. O. Box 1898, 200 Forrest Street, Hattiesburg, Mississippi, 39403-1898, (601) 545-4552, which may be obtained upon request.

The lowest and best bid received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State law; but the Council reserves the right to reject any or all bids received and to waive informalities.

PUBLISHED by Order of the Council on this, the 22nd day of February 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: /s/ Kermas Eaton
CITY CLERK
Published February 24, March 3, 2022

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 20, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: Hattiesburg City of - Notice to Bidders Lease Vehicles
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

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Total # of Words: 986 Published 1 times

Date 1st Published: Mar 3 Amt: 118.32

Date 2nd Published: _____ Amt: _____

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 118.32

Proof of Publication Fee: 3.00

TOTAL: 121.32

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 3rd day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: Hattiesburg City of - Home ARP RFP.
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

REQUEST FOR PROPOSALS FOR PROFESSIONAL CONSULTANT SERVICES

The City of Hattiesburg is requesting proposals from qualified and professional individuals or consulting firms to work with the Community Development Division in conducting a needs assessment and gaps analysis in support of the HOME-ARP (American Rescue Plan) Program. All services will be provided in accordance with applicable state and federal program rules and regulations under the HOME-ARP Program.

Three proposals should be sealed and properly labeled as set forth in the information packages and may be hand delivered or mailed to the City Clerk's Office, City of Hattiesburg, 200 Forrest Street, P. O. Box 1898, Hattiesburg, MS 39403 and received at the City Hall Clerks Office no later than March 24, 2022, by 10:00 a.m. after which time they will be opened and publicly announced. The Selection Review Committee will then review each proposal and select a qualified firm or individual.

All Proposals should be clearly identified as follows:

NAME OF FIRM OR INDIVIDUAL
PROPOSALS FOR
PROFESSIONAL CONSULTANT SERVICES
HOMELESS NEEDS
ASSESSMENT AND GAP ANALYSIS

The City has been allocated HOME-ARP funding by the U. S. Department of Housing and Urban Development. The use of funds is specific to address the need for homelessness assistance and supportive services for the qualifying populations:

• Homeless and at risk of homelessness, as defined at 24CFR 91.5;

• Fleeing or attempting to flee domestic violence, dating violence, sexual assault, stalking, or human trafficking, as defined at 24CFR 5.2003 and 22 U.S.C. 7102;

• Other populations under Section 212(a) of NAHA (42 U.S.C. 12742(a)

The City is seeking firms to assist the City and its agents in conducting a Needs Assessment and Gap Analysis to be used in the development of the HOME-ARP Allocation Plan, which shall be prepared in accordance with HUD requirements.

Firms or individuals proposing to perform consultative services should submit a list of their qualifications, experience, and capacity for performance. Preparation of the Needs Assessment and Gap Analysis and HOME-ARP Allocation Plan will include the following tasks:

Develop an outreach strategy a lead consultation with agencies providers serving Hattiesburg, incl ing, at a minimum, the Continuum of Care (CoC), homeless and domestic violence service providers, veterans' groups, public housing agencies (PHAs), public agencies that address the needs of the qualifying populations, and public or private organizations that address fair housing, civil rights, and the needs of persons with disabilities. Provide a summary of the consultation process, list of organizations consulted, and a summary of feedback received from these entities

Evaluate and describe the size and demographic composition of qualifying populations within the city limits

Describe the unmet housing and service needs of qualifying populations, including but not limited to:

Sheltered and unsheltered homeless populations;

Those currently housed populations at risk of homelessness;

Other families requiring services or housing assistance or to prevent homelessness; and,

Those at greatest risk of housing instability or in unstable housing situations

Identify and consider the current resources available to assist qualifying populations; including congregate and non-congregate shelter units, supportive services, TBRA (Tenant Based Rental Assistance), and affordable and permanent supportive rental housing

Identify the characteristics of housing associated with instability and an increased risk of homelessness

Identify priority needs for qualifying populations

Explain how the level of need and gaps in its shelter and housing inventory and service delivery systems based on the data presented were determined

Develop the HOME-ARP Allocation Plan. It is expected that the consultant will work with City staff and the CoC to create the City's HOME-ARP Allocation Plan based on the findings of the Needs Assessment and Gap Analysis. The document will provide the framework for the distribution of HOME-ARP funds by the City of Hattiesburg.

The most recently available data should be used, including point in time count, housing inventory count, or other data available through the CoC, and consultations with service providers to quantify the individuals and families in the qualifying pop

Contract Typ

The City o enter into a firm or indi with a m mined r

Pro Crite pr

staff available to provide services. 15
Cost – Provide a lump sum cost of the work to be performed. 15
TOTAL POINTS 100
The City of Hattiesburg reserves the right to reject any and all proposals and to waive any irregularities or informalities in the proposal process. The City of Hattiesburg is an equal opportunity employer. MBE and WBE firms/individuals are encouraged to submit a proposal.

All questions related to this Legal Ad shall be submitted in writing and directed to:
Petra Wingo, Community Development Division Manager
Urban Development Department
City of Hattiesburg

P. O. Box 1898
Hattiesburg, MS 39403-1898
(601) 554-1006

Helpful links: HOME-ARP Regulatory Guidance:
CPD-21-10:
https://www.hud.gov/sites/dfiles/OCHCO/documents/2021-10cpdn.pdf
HOME-ARP Allocation Plan Template:
https://www.hudexchange.info/resource/6498/homearp-allocation-plan-template/

CITY OF HATTIESBURG, MISSISSIPPI
(SEAL)
BY: /s/ Kermas Eaton
CITY CLERK
Toby Barker, Mayor
Published March 3, 2022

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 125 Published 2 times

Date 1st Published: Mar 10 Amt: 15.00

Date 2nd Published: Mar 17 Amt: 12.50

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 27.50

Proof of Publication Fee: 3.00

TOTAL: 30.50

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

PUBLIC NOTICE

PUBLIC MEETING
The Hattiesburg Bicycle Advisory Group
Hattiesburg-Petal-Forrest-Lamar
Metropolitan Planning Organization

The Hattiesburg-Petal-Forrest-Lamar Metropolitan Planning Organization (MPO) invites the public to attend the Hattiesburg Bicycle Advisory Group meeting to participate in the transportation planning process by representing the bicycling community.

The Bicycle Advisory Group is a collaborative group that is comprised of the residents of Hattiesburg, the City of Hattiesburg officials, and the Hattiesburg-Petal-Forrest-Lamar (HPFL) MPO.

Rescheduled Meeting Date: Tuesday, March 22, 2022

Meeting Time: 6:00 p.m.

Meeting Location: The Community Room of the Hattiesburg Train Depot, 308 Newman Street, Hattiesburg, MS

Anyone who may require auxiliary aids or special accommodations to participate should advise the MPO by Monday, March 21, 2022 by calling 601.554.1008 or emailing mpo@hattiesburgms.com

Published March 10, 17, 2022

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - Public Meeting Bicycle Advisory Group
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

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Total # of Words: 414 Published 2 times

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Date 2nd Published: Mar 17 Amt: 41.40

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 91.08

Proof of Publication Fee: 3.00

TOTAL: 94.08

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - NOTICE OF PUBLIC HEARING 2022 Action Plan
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

NOTICE OF PUBLIC HEARING AND COMMENT PERIOD

FOR THE 2022 ACTION PLAN FOR HOUSING AND COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG & HOME) PROGRAMS AND LEAD-FREE HATTIESBURG

ATTENTION: ALL HATTIESBURG, MISSSISSIPPI RESIDENTS

The City of Hattiesburg, Mississippi anticipates receipt of Community Development Block Grant (CDBG) and HOME Investment Partnerships (HOME) Program funds from the U.S. Department of Housing and Urban Development in April 2022 or soon thereafter. These funds are estimated to total approximately $750,000. The funds will be used to meet the primary objectives of the Housing and Urban Development Act of 1974, as amended, by providing access to affordable, decent, safe and sanitary housing and a suitable living environment and expanding economic opportunities for persons, of low and moderate-income.

The City expects to receive:
CDBG entitlement grant of approximately $550,000
HOME entitlement grant of approximately $200,000

Additionally, the City of Hattiesburg has been awarded program grant funding from HUD's Office of Lead Hazard Control and Healthy Homes (OLHCHH) in the amount of $1,617,400.00. Funds will be used to:

Identify and remediate lead-based paint in approximately 72 homes;

Perform 60 Healthy Homes Assessments for other health hazards; and

Training and certification for qualified individuals for Lead Inspector, Lead Risk Assessor, and Lead Supervisor

A Public Hearing is scheduled for March 24, 2022 at 5:30 p.m. at Lillie Burney Learning Center, Multipurpose Building, 901 Ida Avenue, for the purpose of receiving ideas, comments, and proposals on the creation of the 2022 Action Plan priorities and feedback on past activities, as well as

The City will consider any comments or views of citizens, agencies or units of local government received in writing and orally at the Public Hearing scheduled for March 24, 2022. Written comments will additionally be accepted in the Community Development Division through April 25, 2022. A summary of any comments accepted will be attached to the final action plan.

Comments related to this NOTICE may be sent to or delivered to City Hall, First Floor, Urban Development/Community Development Division, 200 Forrest Street, Hattiesburg, MS 39401, or email to cdbg@hattiesburgms.com. If you have any questions regarding this information, please contact the Department at (601) 554-1006. Anyone requiring special accommodation in considering these proposals, providing related comments, or in attending the public hearing are encouraged to contact the Department of Urban Development at (601) 554-1006 or email snewsom@hattiesburgms.com in sufficient advance of meetings to make arrangements.

CITY OF HATTIESBURG, MISSISSIPPI
BY:
/S/ Kermas Eaton, CITY CLERK
(SEAL)
Toby Barker, Mayor
Published March 10, 17, 2022

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

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Total # of Words: 929 Published 1 times

Date 1st Published: Mar 17 Amt: 111.48

Date 2nd Published: _____ Amt: _____

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 111.48

Proof of Publication Fee: 3.00

TOTAL: 114.48

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - NOI RROF Lead Safe
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

NOTICE OF INTENT TO REQUEST FOR RELEASE OF FUNDS

March 17, 2022
Toby Barker, Mayor
City of Hattiesburg
P.O. Box 1898
200 Forrest St.
Hattiesburg, MS 39401
(601) 554-1006

On or about March 29, 2022, the City of Hattiesburg will submit a request to the U.S. Department of Housing and Urban Development (HUD) for the release of the Lead-Based Paint Hazard Control Grant Program (LBPHC) is authorized by Section 1011 of the Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X of the Housing and Community Development Act of 1992, 42 U.S.C. 4852) and funding is provided by the Consolidated Appropriations Act, 2021, approved December 27, 2020 (Public Law 116-260), and the Further Consolidated Appropriations Act 2020, approved December 20, 2020, (Public Law 116-94). The Healthy Homes Supplemental funding is authorized under Section 502 of the Housing and Urban Development Act of 1970 (12 U.S.C. 1701z-2), with funding approved by the same Appropriations Acts, for the following multi-year program/project: The 42-month program period will commence November 15, 2021 – May 14, 2025. 2021 and will be named Lead Safe Hattiesburg, for the purpose of lead-based paint hazards as well as other health and safety hazards in pre-1978 houses within the city limits of Hattiesburg, Mississippi. The Lead Safe Hattiesburg will be implemented in targeted census tracts throughout the City of Hattiesburg. These census tracts have been identified as: 28035010200, 28035010500, 28035010700, 28035000600, and 28035000800. The City of Hattiesburg is requesting the release of $1,617,400 for Lead-Based Paint Hazard and Control; $216,750 in Healthy Homes Supplemental Funding. Additional estimated funding sources include Community Development Block Grant (CDBG) in the amount of $119,000 and $126,000 from the City of Hattiesburg

The proposed hazard control activities to be funded under this/these program(s) is/are categorically excluded from the National Environmental Policy Act requirements, but subject to compliance with some of the environmental laws and authorities listed at § 58.5 of 24 CFR Part 58. In accordance with §58.15, a tiered review process has been structured, whereby some environmental laws and authorities have been reviewed and studied for the intended target area(s) listed above. Other applicable environmental laws and authorities will be complied with, when individual projects are ripe for review. Specifically, the target area(s) has/have been studied and ompliance with the following laws and authorities has been achieved in this Tier 1 review: Airport Hazards; Coastal Barrier Resources; Clean Air; Coastal Zone Management, Endangered Species, Explosive; Farmlands Protection; Noise Abatement and Control; Explosive and Flammable Hazards; Sole Source Aquifer; Wetlands Protection; Wild and Scenic Rivers; and Environmental Justice. Site-specific environmental reviews will include compliance with the following environmental laws and authorities for proposed projects funded under the program(s) listed above Flood Insurance; Contamination and Toxic Substances; Floodplain Management; and Historic Preservation. Should individual aggregate projects exceed the threshold for categorical exclusion detailed at §58.35(a), an Environmental Assessment will be completed and a separate Finding of No Significant Impact and Request for Release of Funds published. Copies of the compliance documentation worksheets are available at the address below.

An Environmental Review Record (ERR) that documents the environmental determinations for this project, and more fully describes the tiered review process cited above, is on file at the City's Community Development Division located at the address above and may be examined or copied weekdays 8 a.m. to 5 p.m.

Public Comments

Any individual, group, or agency may submit written comments on the ERR to the City of Hattiesburg to Toby Barker, Mayor at mayor@hattiesburgms.com or in writing at the address listed above. Such comments should be received at the City on or before March 28, 2022 prior to authorizing submission of a Request for Release of Funds and Environmental Certification to HUD.

RELEASE OF FUNDS

The City of Hattiesburg certifies to HUD that the City Government and Toby Barker, in his official capacity as certifying officer consent to accept the jurisdiction of the Federal Courts if an action is brought to enforce responsibilities in relation to environmental review process and that these responsibilities have been satisfied. HUD's approval of the certification satisfies its responsibilities under NEPA and related laws and authorities, and allows the City of Hattiesburg to utilize federal funds and implement the Program,

OBJECTION TO RELEASE OF FUNDS

HUD will consider objections to its release of funds and the City of Hattiesburg certification for a period of fifteen days following either the anticipated submission date (cited above) or HUD's actual receipt of the request (whichever is later) only if the objections are on one of the following bases: (a) that the Certification was not executed by the Certifying Officer of the City of Hattiesburg; (b) the City of Hattiesburg has omitted a step or failed to make a decision or finding required by HUD regulations at 24 CFR Part 58; (c) the City of Hattiesburg has committed funds or incurred costs not authorized by 24 CFR Part 58 before approval of a release of funds by HUD; (d) another Federal agency acting pursuant to 40 CFR Part 1504 has submitted a written finding that the project is unsatisfactory from the standpoint of environmental quality. Objections must be prepared and submitted in accordance with the required procedures (24 CFR Part 58), and may be addressed to HUD and sent to the email address as follows: Karen M. Griego, Office of Lead Hazard Control and Healthy Homes, Program Environmental Clearance Officer, U.S. Department of Housing and Urban Development

LeadRegulations@HUD.GOV

Potential objectors may contact HUD directly to verify the actual last day of the objection/comment period.

Toby Barker, Mayor
City of Hattiesburg, MS
Published March 17, 2022

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

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Total # of Words: 423 Published 1 times

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Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

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TOTAL: 53.76

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - Daniel & Drake HPC
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Stephens Daniel, Applicant, and Carol Drake, Owner as required in the Flood Damage Prevention Ordinance No. 3294, as amended of the City of Hattiesburg, Mississippi, to request a Flood variance from Article 6, Section E, which states that qualifying historic structures may apply for a Flood variance from the requirement to elevate or flood proof the structure, for 100 Hardy St (Parcel No. 2-029O-10-033.00, PPIN 19356, Forrest County, Ward 4). Said property being more particularly described as follows, to-wit:

A part of Lot One (1) of Block 146 of the Kampar and Whinery Subdivision No. 1 of the City of Hattiesburg, Forrest County, Mississippi, as per map or plat thereof on file in the office of the Chancery clerk of Forrest County, Mississippi, in Plat Book 1, Second District, page 7, the same being more particularly described as commencing at the original Southwest corner of said Lot One (1) and thence run Northwest along the dividing line between Lots One (1) and Two (2) of said Block 146 for a distance of 8.8 feet to a point on the Northwest line of Pine Street as the same is now laid out by the City of Hattiesburg to and for a point of beginning; from said point of beginning run thence Northwest along the dividing line between said Lots One (1) and Two (2) for a distance of 171 feet to the South line of Hardy Street as the same is now laid out by the City of Hattiesburg; run thence East along said South line of Hardy Street for a distance of 223.2 feet to the corner of Pine Street as the same is now laid out by the City of Hattiesburg, the last described line being parallel with and 23 feet from the East and West one-half section line of Section 10, Township 4 North, Range 13 West, Forrest County, Mississippi;

A PUBLIC HEARING in relation to the above-described petition will be held at 1:00 p.m., April 6, 2022 in the Jackie Dole Sherrill Community Center, First Floor, Hattiesburg, Mississippi, before the Planning Commission of said City, at which time and at which hearing all parties of interest and citizens shall have an opportunity to be heard. Contact City Hall Planning Division for remote attendance options.

WITNESS my signature and the official seal of said City on this, the 10th day of March, 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: Kermas Eaton /s/
CITY CLERK
(SEAL)
Published March 17, 2022

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 699 Published 1 times

Date 1st Published: Mar 17 Amt: 83.88

Date 2nd Published: _____ Amt: _____

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 83.88

Proof of Publication Fee: 3.00

TOTAL: 86.88

(signed) Meghan Patten
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H. Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71686 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - Tatum HPC
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Joseph Tatum, owner, Silicon Ranch Corporation, Reagan Farr, Rob Riley, applicant, and Cara Wagner, representative, as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located on Bonhomie Road (Parcel No. 2-041C-28-001.00, PPIN 27685, Forrest County, Ward 5) from Section 5.4.10 Community Business District B-3 to Section 5.4.3 Residential District R-1A and to request a Conditonal Use as a "Solar Farm" in R-1A (contingent on zoning change). Said property being more particularly described as follows, to-wit:

The following description is based on the Mississippi State Plane Coordinate System, East Zone, NAD 83, grid values, using a combined factor of 0.999974626 and a convergence angle of -00°14'35"" (computed at a found 1/2" rebar located at N:650696.12, E:838063.50 on a previous survey of the adjacent property, PFI Project No. 24750.00).

A parcel of land containing 37.96 acres, more or less, and being situated in the East Half of the Northeast Quarter of Section 28, Township 4 North, Range 13 West, City of Hattiesburg, Forrest County, MS and being more particularly described as being all that portion of the East Half of the Northeast Quarter of said Section 28 which lies south of the Temporary Construction Access & Laydown/Staging Area Easement #1 as described in Instrument 761858 (Deed Book 1254 at Page 686), LESS AND EXCEPT any portion thereof which lies within 500 feet of the right of way of US Highway 49. Said parcel is also described by metes and bounds as follows:

Commence at a 1/2" rebar found at the northwest corner of the East Half of the Northeast Quarter of Section 28, Township 4 North, Range 13 West, City of Hattiesburg, Forrest County, MS, said rebar having a MS State Plane East Zone coordinate of N: 650696.12, E:838063.50; thence run S 00°11'33"" W along the west line of the East Half of the Northeast Quarter of said Section 28 for a distance of 841.26 feet to a 1/2" rebar set at the southwest corner of the Temporary Construction Access & Laydown/Staging Area Easement #1 as described in Instrument 761858 (Deed Book 1254 at Page 686), said rebar having a MS State Plane East Zone coordinate of N:649854.95, E: 838060.59 and being the POINT OF BEGINNING of the herein described parcel.

From said POINT OF BEGINNING, continue S 00°11'33"" W along said west line for a distance of 1798.74 feet to a 1/2" rebar found at the southwest corner of the East Half of the Northeast Quarter of said Section 28; thence run N 89°43'06"" E along the south line of the East Half of the Northeast Quarter of said Section 28 for a distance of 1334.50 feet to a 1/2" pipe found at the southeast corner of the East Half of the Northeast Quarter of said Section 28; thence run N 00°12'41"" E along the east line of said Section 28 for a distance of 445.80 feet to a set 1/2" rebar; thence, leaving said east line, run N 39°03'56"" W parallel with and 500 feet southwesterly of the west right of way line of US Highway 49 for a distance of 1688.13 feet to a 1/2" rebar set on the south line of the aforementioned easement; thence run N 82°03'03"" W along the south line of said easement for a distance of 258.66 feet to a set 1/2" rebar; thence, continuing along said south line, run S 89°24'10"" W for a distance of 10.03 feet back to the POINT OF BEGINNING, and containing 37.96 acres, more or less.

A PUBLIC HEARING in relation to the above-described petition will be held at 1:00 p.m., April 6, 2022 in the Jackie Dole Sherrill Community Center, First Floor, Hattiesburg, Mississippi, before the Planning Commission of said City, at which time and at which hearing all parties of interest and citizens shall have an opportunity to be heard. Contact City Hall Planning Division for remote attendance options.

WITNESS my signature and the official seal of said City on this, the 10th day of March, 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: Kermas Eaton /s/
CITY CLERK
(SEAL)
Published March 17, 2022

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 257 Published 1 times

Date 1st Published: Mar 17 Amt: 30.84

Date 2nd Published: _____ Amt: _____

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 30.84

Proof of Publication Fee: 3.00

TOTAL: 33.84

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - McCullum HPC
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Michael McCullum, owner, as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located on the northeast corner of Dabbs St and Hall Ave (Parcel No. 2-029O-10-303.00, PPIN 18772, Forrest County, Ward 4) from Section 5.4.3 Residential District R-1A to Section 5.4.7 Multi-Family Residential District R-3. Said property being more particularly described as follows, to-wit:

Lots 12-16, Block 83 of the Kampar and Whinery Survey No.1 Forrest County, Mississippi

A strip of land 50 feet wide on either side of the center line of the Bonhomie and Hattiesburg Southern Railroad, forming a part of Lots 12, 13, 14, 15, and 16 of Block 83 of the Kamper and Whinery Survey No. 1 of the City of Hattiesburg, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest county, Mississippi

A PUBLIC HEARING in relation to the above-described petition will be held at 1:00 p.m., April 6, 2022 in the Jackie Dole Sherrill Community Center, First Floor, Hattiesburg, Mississippi, before the Planning Commission of said City, at which time and at which hearing all parties of interest and citizens shall have an opportunity to be heard. Contact City Hall Planning Division for remote attendance options.

WITNESS my signature and the official seal of said City on this, the 10th day of March, 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: Kermas Eaton /s/
CITY CLERK
(SEAL)
Published March 17th, 2022

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Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 744 Published 1 times

Date 1st Published: Mar 17 Amt: 89.28

Date 2nd Published: Mar 24 Amt: _____

Date 3rd Published: Mar 31 Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 89.28

Proof of Publication Fee: 3.00

TOTAL: 92.29

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - Martinez BOA
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Juli Martinez, Owner, as required in the Land Development Code, Ord. No. 3209, to request a variance from section 10, Table 10.6 "Sign Message Area (Max)(sq. ft)" for wall signs in residential districts, "50 square feet", and instead allow a wall sign of one hundred and eight (108) square feet for a variance of fifty eight (58) square feet for 1503 Country Club Road (Parcel No. 2-038E-16-106.00, PPIN 17576, Forrest County, Ward 5). Said property being more particularly described as follows, to-wit:

Exhibit A

The remaining unexpired term of the [Sixteenth Section] Lease and Contract for a period of 99 years from the 12th day of December 1950, and no longer, [covering] that certain real estate lying, being and situated in the City of Hattiesburg, Forrest County, Mississippi, and particularly described as follows, to-wit:

A part of the Southwest Quarter of the Southwest Quarter of Section 16 in Township 4 North, Range Thirteen West of St. Stephen's Meridian in Mississippi, and particularly described as follows: Beginning at a concrete monument marking the intersection of the Eastern right-of-way line of the N.O. & N.E. Railway and the Eastern right-of-way line of U. S. Highway By-Pass, and run Northeasterly along said right-of-way of N.O. & N.E. Railway for two hundred fifty-seven (257) feet, to the Southwestern line of the Mt. Olive Subdivision, thence Southeasterly along said line of the Mt. Olive Subdivision for three hundred eighty-five (385) feet, to the line of the old Purvis Road, thence Southwesterly along the line of old Purvis Road for two hundred eighty-six and sixty-six one-hundredths (286.66) feet to the right-of-way line of U. S. Highway By-Pass, thence Northwesterly along said right-of-way line of by-pass for three hundred twenty-seven and three-tenths (327.30) feet to the Point of Beginning, situated and being in the City of Hattiesburg, County of Forrest, State of Mississippi, together with the improvements thereon and appurtenances thereunto belonging.

(The description above is from Lease and Contract made between the Forrest County Board of Supervisors and J. E. Barnes, Jr., Clyde C. Bryan and R. W. Woullard, Trustees Mississippi Union Theological Seminary dated December 12, 1950 and recorded December 22, 1950 in Deed Book 114 at Page 70 and Board of Supervisors Minute Book 26 at Page 352 in the office of the Chancery Clerk of Forrest County, Mississippi)

ALSO DESCRIBED AS FOLLOWS:

A parcel of land located in the Southwest Quarter of the Southwest Quarter of Section 16, Township 4 North, Range 13. West, Forrest County, Mississippi and being more particularly described as follows; Commence at the Southwest comer of Section 16, Township 4 North, Range 13 West, Forrest County, Mississippi; thence run East a distance of 361.95 feet; thence run North a distance of 545.37 feet to a set ½"" rebar and to the Point of Beginning, said point being at the intersection of the Easterly right-of-way of the N.0. and N.E. Railroad and the Easterly right-of-way of U.S. Highway 49; thence run North 44 degrees 28 minutes 49 seconds East along the Easterly right-of-way of the N.O. and N.E. Railroad a distance of 260.34 feet to a set ½"" rebar at a fence line; thence run South 44 degrees 34 minutes 00 seconds East along a chain link fence a distance of 375.53 feet to a set ½"" rebar at the Westerly margin of Country Club Road; thence run South 55 degrees 53 minutes 15 seconds West along the Westerly margin of Country Club Road a distance of ZS0.96 feet to a set½"" rebar on the Easterly right-of-way of U.S. Highway 49; thence run North 41 degrees 42 minutes 30 seconds West along the Easterly right-of-way of U.S. Highway 49 for a distance of 320.62 feet back to the Point of Beginning; the above described area contains 2.14 acres, more or less.

A PUBLIC HEARING in relation to the above-described petition will be held at 3:30 p.m., April 6, 2022 in the Jackie Dole Sherrill Community Center, First Floor, Hattiesburg, Mississippi, before the Board of Adjustment of said City, at which time and at which hearing all parties of interest and citizens shall have an opportunity to be heard. Contact City Hall Planning Division for remote attendance options.

WITNESS my signature and the official seal of said City on this, the 10th day of March, 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: Kermas Eaton /s/
CITY CLERK
(SEAL)
Published March 17, 2022

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Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
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Total # of Words: 512 Published 1 times

Date 1st Published: Mar 17 Amt: 61.44

Date 2nd Published: _____ Amt: _____

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 61.44

Proof of Publication Fee: 3.00

TOTAL: 64.44

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - Lewis BOA
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Kevin P. Lewis, Representative, as required in the Land Development Code, Ord. No. 3209, to request a variance from section 7.10.11.1 "Perimeter Landscaping: A green strip 10 feet in width shall be planted with at least one large, deciduous tree per 60 feet of lineal frontage" and instead allow zero (0) feet of green strip for a variance of ten (10) feet for the property located at 120 Mayfair Road (Parcel No. 051Q-12-019.000, PPIN 19765 and Parcel No. 051Q-12-020.000, PPIN 17403, Lamar Co., Ward 3). Said property being more particularly described as follows, to-wit:

A PARCEL OF LAND LOCATED IN THE SW¼ OF THE SW¼ OF SECTION 12, TOWNSHIP 4 NORTH, RANGE 14 WEST, CITY OF HATTIESBURG, LAMAR COUNTY, MISSISSIPPI, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NE CORNER OF LOT 9 OF THE TURTLE CREEK BUSINESS PARK IN THE CITY OF HATTIESBURG, LAMAR COUNTY, MISSISSIPPI, AS PER THE MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 2, PAGE 30, SLIDE A-98, ON FILE IN THE OFFICE OF THE CHANCERY CLERK OF LAMAR COUNTY, MISSISSIPPI,

THE POINT OF BEGINNING BEING THE NE CORNER OF LOT 9 OF THE TURTLE CREEK BUSINESS PARK; THENCE RUN S54°40'09""W (A.P.S.) S54°49'37""W (A.P.R.), 365.03 FEET (A.P.S.) 365.00 FEET (A.P.R.) ;

THENCE N35°17'05""W (A.P.S.) N35°10'23W (A.P.R.), 205.87 FEET (A.P.S.) 205.00 FEET (A.P.R.) TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF MILLBRANCH ROAD (A PUBLIC ROAD);

THENCE N54°41'47""E (A.P.S.) N54°49'37E (A.P.R.), 328.89 FEET (A.P.S.) 330.48 FEET (A.P.R.) ALONG SAID SOUTH RIGHT-OF-WAY LINE OF MILLBRANCH ROAD (A PUBLIC ROAD) TO A POINT ON THE WEST RIGHT OF WAY LINE OF MAYFAIR ROAD (A PUBLIC ROAD);

THENCE IN A SOUTHEASTERLY DIRECTION ALONG SAID WEST RIGHT-OF-WAY LINE OF MAYFAIR ROAD (A PUBLIC ROAD) AND ALONG A CURVE TO LEFT HAVING A RADIUS OF 514.13 FEET (A.P.S.) AND AN ARC LENGTH OF 62.00 FEET (A.P.S.) 61.11 FEET (A.P.R.), (CHORD BEARING AND DISTANCE, S43°55'44""E, 61.96 FEET (A.P.S.)) THENCE S46°02'24""E, 122.18 FEET ALONG SAID WEST RIGHT OF WAY LINE OF MAYFAIR ROAD (A PUBLIC ROAD); THENCE IN A SOUTHEASTERLY DIRECTION ALONG SAID WEST RIG HT-OF-WAY LINE OF MAYFAIR ROAD (A PUBLIC ROAD) AND ALONG A CURVE TO RIGHT HAVING A RADIUS OF 520.00 FEET (A.P.S.) AND AN ARC LENGTH OF 24.72 FEET (A.P.S.), {CHORD BEARING AND DISTANCE, S44°40'41""E, 24.72 FEET (A.P.S.) BACK TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING 71, 248.94 SQUARE FEET, {1.635 ACRES), MORE OR LESS.

A PUBLIC HEARING in relation to the above-described petition will be held at 3:30 p.m., April 6, 2022 in the Jackie Dole Sherrill Community Center, First Floor, Hattiesburg, Mississippi, before the Board of Adjustment of said City, at which time and at which hearing all parties of interest and citizens shall have an opportunity to be heard. Contact City Hall Planning Division for remote attendance options.

WITNESS my signature and the official seal of said City on this, the 10th day of March, 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: Kermas Eaton /s/
CITY CLERK
(SEAL)
Published March 17, 2022

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Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 1632 Published 1 times

Date 1st Published: Mar 17 Amt: 195.84

Date 2nd Published: _____ Amt: _____

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 194.84

Proof of Publication Fee: 3.00

TOTAL: 198.84

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H. Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 23, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH - Reed Nelson
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, as required in the Midtown Form-Based Code, to request a variance from Article 3, Section 3.5.2 (F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 49.7% lot width for a variance of 20.3% lot width; a variance from Article 3, Section 3.5.2(F) which states a Build-to Zone on a primary street shall meet 70% minimum overall lot width and instead allow 40% lot width on S. 31st Avenue for a variance of 30% lot width; a variance from Article 3, Section 3.5.2(H) which states a Build-to Zone on a side street shall meet 35% minimum overall lot width and instead allow 0% lot width on S. 30th Avenue and Lorrain Street for a variance

The following is hereby submitted fo
law.

The Lamar County Board of Education
reserves the right to reject any and/or a
bids so received and also the right t
waive irregularities not in violation of th

(225) 810-4814.

process please call Central Bidding a
tions related to the electronic bidding
www.centralbidding.com. For any ques
can be submitted a
RFPs, bids and/or reverse auction bids
at www.centralbidding.com. Electronic
can be downloaded from Central Bidding
lers electronic bidding. Official documents

Lamar County School District now of

businessoffice@lamark12.org. Bidders
intendent at (601) 794-1030 or emailing
obtained by contacting the Office of Super
should request such specifications and bid
forms by designating the Bid Number as
shown below.

Specifications and bid forms may be

April 12, 2022.

Bidding will be held by electronic re
verse auction at 10:00am on Tuesday,
April 12, 2022. The electronic reverse auc
tion will last thirty (30) minutes and is
scheduled to end at 10:30am on Tuesday
of Proposals) on Tuesday, April 12, 2022.

Bid Proposals will be accepted until
2:30 pm on Tuesday, April 5, 2022, in
sealed envelopes at the Office of Super
intendent at 424 Martin Luther King Drive
(P.O. Box 609) Purvis, MS 39475 or by
electronic submission. Submissions will be
evaluated and vendors submitting accept
able offers will be invited electronically to
submit price bids during the Notification of
Invitation to Bid (based upon acceptance

TOGETHER WITH:

Lot 14, and the South one half of Lot 15 of Block 6 of the Monte Vista Terrace Subdivision in the City of Hattiesburg, a subdivision of part of the Northeast Quarter of the Southeast Quarter of Section 7, Township 4 North, Range 13 West, Forrest County, Mississippi as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

LESS AND EXCEPT: Begin at the Northwest corner of the South ½ of Lot 15, Block 6, Monte Vista Terrace Subdivision, Forrest County, Mississippi. Run N 89° 49' 26" E on and along the said North line of the South ½ of Lot 15 for 3.75 feet; thence run S00° 07'15" E for 6.56 feet; thence run S89° 52' 46" W for 3.74 feet to a position on the West line of the South ½ of Lot 15; thence run N00° 10' 16" W on and along the aforementioned West line of Lot 15 for 6.56 feet back to the Point of Beginning. Said parcel contains 0.0006 acres (24.58 square feet), more or less, and is part of the South ½ of Lot 15, Block 6, Monte Vista Terrace Subdivision, Forrest County, Mississippi.

ALSO TOGETHER WITH:

Lot 16 and the N ½ of Lot 15, Block 6 of the Monte Vista Terrace Subdivision or Addition to the City of Hattiesburg, Forrest County, Mississippi, as per the official map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

LESS AND EXCEPT: Begin at an iron pin at the Northwest corner of Lot 16, Block 6 Monte Vista Terrace Subdivision, Forrest County, Mississippi; run N 89° 49' 26" E on and along the North line of the aforementioned Lot 16 for 19.14 feet; thence run S42°48'54" W for 22.44 feet, thence run S0°07'15" E for 58.82 feet to the South line of the North ½ of Lot 15, Block 6, Monte Vista Terrace Subdivision,

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Kevin P. Lewis, Representative, as required in the Land Development Code, Ord. No. 3209, to request a variance from section 7.10.11.1 "Perimeter Landscaping: A green strip 10 feet in width shall be planted with at least one large, deciduous tree per 60 feet of linear frontage" and instead allow zero (0) feet of green strip for a variance of ten (10) feet for the property located at 120 Maylair Road (Parcel No. 0510-12-019.000, PPIN 19765 and Parcel No. 0510-12-020.000, PPIN 17403, Lamar Co., Ward 3). Said property being more particularly described as follows, to-wit:

A PARCEL OF LAND LOCATED IN THE SW¼ OF THE SW¼ OF SECTION 12, TOWNSHIP 4 NORTH, RANGE 14 WEST, CITY OF HATTIESBURG, LAMAR COUNTY, MISSISSIPPI, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NE CORNER OF LOT 9 OF THE TURTLE CREEK BUSINESS PARK IN THE CITY OF HATTIESBURG, LAMAR COUNTY, MISSISSIPPI, AS PER THE MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 2, PAGE 30, SLIDE A-98, ON FILE IN THE OFFICE OF THE CHANCERY CLERK OF LAMAR COUNTY, MISSISSIPPI.

THE POINT OF BEGINNING BEING THE NE CORNER OF LOT 9 OF THE TURTLE CREEK BUSINESS PARK; THENCE RUN S54°40'09"W (A.P.S.) S54°49'37"W (A.P.R.), 365.03 FEET

gether with all improvements thereon and appurtenances thereunto belonging.

A PUBLIC HEARING in relation to the above-described petition will be held at 3:30 p.m., April 6, 2022 in the Jackie Dole Sherrill Community Center, First Floor, Hattiesburg, Mississippi, before the Board of Adjustment of said City, at which time and at which hearing all parties of interest and citizens shall have an opportunity to be heard. Contact City Hall Planning Division for remote attendance options.

WITNESS my signature and the official seal of said City on this, the 14th day of March, 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: /s/ Kermas Eaton
CITY CLERK
(SEAL)
Published March 17 2022

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 624 Published 1 times

Date 1st Published: Mar 17 Amt: 74.88

Date 2nd Published: _____ Amt: _____

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 74.88

Proof of Publication Fee: 3.00

TOTAL: 77.88

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISS. NOTARY PUBLIC ID # 71[illegible] KATHERINE H. [illegible]CK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH Reed Nelson Midtown
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Reed Nelson, Representative, Midtown Montevista LLC, Owner, as required in the Midtown Form-Based Code Section 4.4., to request the use of "Parking lot or garage" as a primary use for certain properties located on Lorraine Street, S. 30th Avenue, and S. 31st Avenue (Parcel 2-028N-07-069.00, PPIN 20856; Parcel 2-028N-07-070.00, PPIN 20857; Parcel 2-028N-07-063.00, PPIN 20849; Parcel 2-028N-07-068.00, PPIN 20855; Parcel 2-028N-07-064.00, PPIN 20850; Ward 3). Said property being more particularly described as follows, to-wit:

PPINs 20849, 20857

Lots One (1) and Two (2) in Block Seven (7), of the Monte Vista Terrace Subdivision of Forrest County, Mississippi, as per the official Map or Plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi; together with all improvement thereon and appurtenances thereunto belonging.

And Also

The East 46.0 feet of Lots 13 and 14, Block 7 of the Monte Vista Terrace Subdivision, Hattiesburg, Forrest County, Mississippi; together with all improvements lying thereon and appurtenances thereunto belonging.

PPINs20855

All of Lot 12 and the North ½ of Lot 11 of Block 7 of the Monte Vista Terrace Subdivision or Addition to the City of Hattiesburg, Forrest County, Mississippi as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi; all together with all improvements thereon and appurtenances thereunto belonging.

PPINs 20856, 20811

Lot 15, Block 3 of Monte Vista Terrace Subdivision, being a part of the NE 1/4 of the SE 1/4 of Section 7, Township 4 North, Range 13 West, Forrest County, Mississippi.

And Also:

That part of West Park in the Monte Vista Terrace Subdivision which joins Lot 15 in Block 3 of said subdivision, in the rear, and being more particularly described as beginning at a point on the Westerly boundary line of the Avenue of Pines where the East line of said Lot 15 in Block 3 intersects said Westerly line of the Avenue of Pines and run thence North along the East line of said Lot 15 to the Northeast corner of said Lot 15; thence at right angles East to the said Westerly boundary line of the Avenue of Pines; and thence in a Southwesterly direction along said West boundary line of the Avenue of Pines to the point of beginning, said prop-

[illegible] time and at which hearing all parties of interest and citizens shall have an opportunity to be heard. Contact City Hall Planning Division for remote attendance options.

WITNESS my signature and the official seal of said City on this, the 14th day of March, 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: /s/ Kermas Eaton
CITY CLERK

(SEAL)
Published March 17, 2022

Hattiesburg Publishing, Inc.

525 North Main Street, Suite C. • Hattiesburg, MS 39403
(601) 268-2331 tel • (601) 268-2965 fax

Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY
Personally appeared before me, the undersigned person, representing The PineBelt NEWS, aweekly newspapers published in Lamar County and Forrest County, Mississippi, who, being duly sworn, says that the notice, a true copy of which is hereto annexed, appeared in the issues of said newspapers as follows:

Total # of Words: 202 Published 1 times

Date 1st Published: Mar 17 Amt: 24.24

Date 2nd Published: _____ Amt: _____

Date 3rd Published: _____ Amt: _____

Date 4th Published: _____ Amt: _____

Date 5th Published: _____ Amt: _____

Subtotal Printer's Fee: 24.24

Proof of Publication Fee: 3.00

TOTAL: 27.24

(signed) Meghan Patton
The PineBelt NEWS

Sworn to and subscribed before me in my Presence, this 17th day of March, 2022, a Notary Public in and for the County of Lamar, State of Mississippi:

(signed) Katherine H Bullock

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 71666 KATHERINE H. BULLOCK Commission Expires Oct. 28, 2023 LAMAR COUNTY

FOR OFFICE USE ONLY:

- ☐ Em P: _____
- ☐ App: _____
- ☐ File Name: COH Public Notices
- ☐ Invoice #: _____
- ☐ Inv. Crt/Mld: _____
- ☐ Pymt Rec.d: _____
- ☐ POP sent: _____

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by the City of Hattiesburg with the Mayor and Council of the City of Hattiesburg, Mississippi, that the Comprehensive Zoning Ordinance Number 2330, as amended, of the City of Hattiesburg, Mississippi, to amend the text of the Midtown Form Based Code, Ordinance 3105, so that Article 3., Section 3.17 C.3.b. v. removes: "Chevy Chase Drive".

Amended text to read:

"b. Where more than one street abuts a lot, all of the street are considered primary streets, except that the following street are designated as side street:

30th Avenue
Lorraine Street
27th Avenue
Adeline Street'

A PUBLIC HEARING in relation to the above-described petition will be held at 1:00 p.m., April 6, 2022 in the Jackie Dole Sherrill Community Center, First Floor, Hattiesburg, Mississippi, before the Planning Commission of said City, at which time and at which hearing all parties of interest and citizens shall have an opportunity to be heard. Contact City Hall Planning Division for remote attendance options.

WITNESS my signature and the official seal of said City on this, the 14th day of March, 2022.

CITY OF HATTIESBURG, MISSISSIPPI
BY: /s/ Kermas Eaton
CITY CLERK
(SEAL)
Published March 17, 2022

Memorandum

To: Mayor Toby Barker and Members of City Council

From: Ginger Lowrey, Planning Administrator

cc:

Date: Tuesday, April 19, 2022

Re: Acknowledge submission of the Community Rating System (CRS) annual recertification.
File Number: 2022-274
Minute Book #

Summary

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency

CRS COMMUNITY CERTIFICATIONS

OMB Control Number: 1660-0022
Expiration: 10/31/2023

Community City of Hattiesburg State MS CID 280053
(6-digit NFIP Community Identification Number)

Note: Please cross out any incorrect items, below, as needed, and insert the updated information.

CC-213 Recertification

Recertification due date 4/2/2022

	Chief Executive Officer	CRS Coordinator
Name	Toby Baker	Ginger Lowrey
Title	Mayor	CRS Coordinator
Address	Post Office Box 1898 Hattiesburg, MS 39401	Post Office Box 1898 Hattiesburg, MS 39401
Phone number	601-545-4501	(601) 554-4599
E-mail address	mayor@hattiesburgms.com	glowrey@hattiesburgms.com

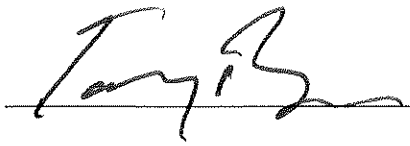
I hereby certify that City of Hattiesburg [community name] is implementing the following activities on the attached pages as credited under the Community Rating System and described in our original application to the CRS and subsequent modifications.

I hereby certify that, to the best of my knowledge and belief, we are in full compliance with the minimum requirements of the NFIP and we understand that we must remain in full compliance with the minimum requirements of the NFIP. We understand that at any time we are not to be in full compliance, we will retrograde to a CRS Class 10.

I hereby certify that we will continue to maintain FEMA Elevation Certificates on all new buildings and substantial improvements constructed in the Special Flood Hazard Area following the date at which we joined the CRS.

I hereby certify that if there are one or more repetitive loss properties in our community that we must take certain actions that include reviewing and updating the list of repetitive loss properties, mapping repetitive loss areas, describing the cause of the losses, and sending an outreach project to those areas each year, and if we have fifty (50) or more unmitigated repetitive loss properties we must earn credit under Activity 510 (Floodplain Management Planning) for either a repetitive loss area analysis (RLAA) or a floodplain management plan (FMP).

I hereby certify that, to the best of my knowledge and belief, we are maintaining in force flood insurance policies for insurable buildings owned by us and located in the Special Flood Hazard Area (SFHA) shown on our Flood Insurance Rate Map. I further understand that disaster assistance for any community-owned building located in the SFHA is reduced by the amount of National Flood Insurance Program (NFIP) flood insurance coverage (structure and contents) that a community should be carrying on the building, regardless of whether the community is carrying a policy.

Signature  (Chief Executive Officer)

Date 3-30-22

CC-213-1

[continued on next page]

Community City of Hattiesburg State MS CID 280053
(6-digit NFIP Community Identification Number)

CRS Program Data Table	A. In the SFHA	B. In a regulated floodplain outside the SFHA	C. In the rest of the community
1. Last report's number of buildings in the SFHA (bSF) (line 6, last report)	1648		
2. Number of new buildings constructed since last report	+ 1		31
3. Number of buildings removed/demolished since last report	- 13		
4. Number of buildings affected by map revisions since last report (+ or -)	-24		
5. Number of buildings affected by corporate limits changes (+ or -)	0		
6. Current total number of buildings in the SFHA (bSF) (total lines 1-5)			
7. Number of substantial improvement/damage projects since last report	0		
8. Number of repetitive loss properties mitigated since last report	0		0
9. Number of LOMRs and map revisions (not LOMAs) since last report	0		
10. Acreage of the SFHA (aSFHA) as of the last report (line 13, last report)	6938		
11. Acreage of area(s) affected by map revisions since last report (+ or -)	385	0	
12. Acreage of area(s) affected by corporate limits changes (+ or -)	0	0	
13. Current acreage of the SFHA (total lines 10–12)	7323		
14. Primary source for building data:	GIS, Energov siftware		
15. Primary source for area data:	GIS		
16. Period covered: 1/2/2021 - 1/1/2022	Current FIRM date	3/2/2010 & 11/19/2021	
If available, the following data would be useful:			
17. Number of new manufactured homes installed since last report			
18. Number of other new 1 -4 family buildings constructed since last report			
19. Number of all other buildings constructed/installed since last report			

Comments:
(Please note the number of the line to which the comment refers.)

2. This project started prior to 2021 but was completed in 2021. 4. 49 structures were removed from SFHA in the 11/19/22 map update and 25 strcutures were added. 7. None were completed in 2021 10. & 13. We recalculated is GIS acreage for H'burg's "Old"/ pre-11/19/2022 flood zones and came up with a slightly different total from what was calculated in previous years.

[continued on next page]

Community City of Hattiesburg State MS CID 280053
(6-digit NFIP Community Identification Number)

Instructions

At the first verification visit after the effective date of the 2013 *CRS Coordinator's Manual*, ONLY LINES 6 AND 13 NEED TO BE COMPLETED. These lines form the baseline data about the number of buildings and area of the SFHA for when the table is completed as part of the next annual recertification. The "period covered" entered in line 16 is the date that lines 6 and 13 are first completed.
At all subsequent annual recertifications and cycle verification visits, the entire table is completed. The information in lines 6 and 13 from the last report is transferred to lines 1 and 10 in the next report.

Instructions for the Columns

Column A numbers are for the SFHA (the A and V Zones shown on the Flood Insurance Rate Map) (FIRM)). Use the FIRM currently in effect, not a draft or pending revision.
Column B is completed only if the community receives CRS credit for regulating floodplain development outside the SFHA under Activity 410 (Floodplain Mapping) or Activity 430 (Higher Regulatory Standards).
Column C numbers help relate what happens in the floodplain to what is happening in the rest of the community.
Enter "0" if there are no numbers to report for this period. Do not leave a cell blank. Do not fill in the shaded boxes.

Instructions for the Lines

Lines 1-7 deal with buildings.

- Section 301.a of the *CRS Coordinator's Manual* defines what constitutes a "building" and lists examples of structures that are not counted as "buildings" by the CRS.
- Section 302.a of the *CRS Coordinator's Manual* describes how the CRS counts buildings. For example, accessory structures are not counted.
- As noted in Section 302.a, to determine building counts, communities may use any method that yields reasonably good estimates of the number of buildings. Examples of acceptable methods are listed in Section 302.a. Precision is less important for large numbers. For example, the impact of the numbers will not change much if there are 10,000 buildings or 10,100 buildings.
- If a building is out of the SFHA, but in a parcel that is partly in the SFHA, it is not counted in column A --In the SFHA.
- In line 14, note how the building counts were obtained or estimated. Use the comments area, if needed.

Line 4 refers to map revisions. These include physical map revisions, Letters of Map Revision (LOMR), and Letters of Map Amendment (LOMA). If a building is removed from the SFHA by FEMA through a LOMA, but the community still administers its floodplain management regulations on the property, the building should not be included in the line 4 count in column A --In the SFHA. However, communities that still regulate areas removed by LOMAs can receive credit under Activities 410 or 430. If the community is receiving such credit, the building should be counted under column B --In a regulated floodplain outside the SFHA.

Line 7 is for the total number of buildings that were substantially improved plus the number of buildings that were substantially damaged during the period covered.

Lines 10 -13 deal with areas.

- These areas are based on the areas shown on the community's FIRM including LOMRs or LOMAs. Section 403.b discusses those portions of the SFHA that are subtracted from the area of the SFHA to calculate the community's aSFHA used in credit calculations.
- Section 403.e of the *CRS Coordinator's Manual* discusses calculating areas for CRS purposes.
- Section 403.e notes that communities "should not spend an inordinate amount of time measuring areas." As with buildings, communities may use any method that yields reasonably good estimates. Examples of acceptable approaches are listed in Section 403.e.
- Line 13 asks for the current acreage of the SFHA. The best source for this number is a GIS layer that shows the SFHA. If the community does not have GIS, the county, regional agency, or state NFIP mapping office may have SFHA layers and may be able to provide the data. If the community has a relatively recent FIRM, the study contractor or consulting engineer may have the data.
- In line 15, note how the area calculations were obtained or estimated. Use the comments area, if needed.

Lines 17 -19 are voluntary, if the numbers are readily available.

- Line 17 includes replacing an existing manufactured home with a new one. The newly placed manufactured home is counted as a new, post-FIRM, building.
- The total of lines 17 -19 should equal the value entered in line 2.

CC-213-3

Community Hattiesburg, City of State MS CID 280053

County Forrest, Lamar

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Your community has been verified as receiving CRS credit for the following Activities.

- If your community is still implementing these activities the CRS coordinator is required to put his or her initials in the blank (do not use a checkmark or an "X") and **attach** the appropriate items. A blank with no initials indicates you are not implementing that Activity anymore and will result in loss of points (and possible CRS Class).
- If the word "**attached**" is used, you must provide the requested documentation for that Activity. If no documentation has been acquired for that Activity, please explain why there is no documentation from the past year.

GML 310 EC: We are maintaining Elevation Certificates, Floodproofing Certificates, Basement Floodproofing Certificates, V Zone design certificates and engineered opening certificates on all new construction and substantially improved buildings in our Special Flood Hazard Area (SFHA) and make copies of all Certificates available at our present office location. *[____] Initial here is you have had no new construction or substantial improvement in the SFHA in the last year.*

GML 310 EC: **Attached is the permit list for only new or substantially improved structures in the SFHA that have been completed in the last year.** We have permitted 1 new building and substantial improvements in the SFHA during this reporting period.

GML 310 EC: **Attached are all the Certificates for new or substantially improved structures that have been completed during this reporting period that are included on the above permit list.** (Note: The total number of Elevation and Floodproofing certificates should match the number of permits issued and completed within the reporting period defined above. All permits issued for new construction or substantial improvement within the V zone should have both an Elevation Certificate and a V Zone Certificate, and all buildings with basements within the basement exemption communities should have both an Elevation Certificate and a Basement Floodproofing Certificate).

GML 320 MI 1: We are providing basic flood information to inquirers.

GML 320 MI: **Attached is a copy of the publicity for the credited elements of this service this year.**

GML 320 MI: **Attached is a copy of one page of the log, a letter, or other record that we kept on this service this year.**

GML 320 MI: We are continuing to keep our FIRM updated and maintain old copies of our FIRM.

Community Hattiesburg, City of State MS CID 280053

County Forrest, Lamar

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

GML 330 OP: We continue to conduct or provide all credited outreach projects.

GML 340 ODR: People looking to purchase flood prone property are being advised of the flood hazard through our credited hazard disclosure measures.

GML 350 LIB/LPD: Our public library continues to maintain flood protection materials.

GML 350 WEB: We continue to conduct an annual review and update of the information and links in our flood protection website.

GML 360 PPA: We continue to provide flood protection advice to inquirers.

GML 360 PPV: We continue to provide on-site flood protection assistance to inquirers.

GML 360 PPA/PPV: **Attached is a copy of one page of the log, up to three letters, or other records that we kept on this service this year.**

GML 360 PPA/PPV: **Attached is a copy of the document that told others about these services this year.**

GML 420 OSP: We continue to preserve our open space in the floodplain.

GML 420 LZ/OSI: We continue to enforce our ordinance(s) for low-density zoning and/or open space incentives. *[____] Initial here if you have changed the allowable density of development in any of your zoning districts, rezoned parcels in the floodplain or changed your open space incentives.* ***Attach a copy of the amended regulations, provide a summary of the changes, and mark up the regulation indicating what's been changed.***

GML 430: We continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances for which we are receiving credit. *[GML] Initial here if you have amended your floodplain regulations.* ***Attach a copy of the amended regulations, provide a summary of the changes, and mark up the regulations indicating what's been changed.***

GML 430 RA: We continue to enforce our procedures for administering our floodplain management regulations. If applicable, we also continue to employ CFMs and staff who took credited training courses. We currently have 2 CFMs on staff.

GML 440 AMD: We continue to use and update our flood data maintenance system on an annual basis as needed.

Community Hattiesburg, City of State MS CID 280053

County Forrest, Lamar

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

GML 450 SMR: We continue to enforce the stormwater management and low impact development provisions of our zoning, subdivision and building code ordinances for new developments in the watershed. *[____] Initial here if you have amended your stormwater management regulations that will impact your CRS program.* ***Attach a copy of the amended regulations, provide a summary of the changes, and mark up the regulations indicating what's been changed.***

GML 450 ESC: We continue to enforce the provisions of our zoning, subdivision and building codes as they pertain to erosion and sediment control.

GML 502 RL: We currently have 22 repetitive loss properties and send our notice to 0 properties in the repetitive loss areas.

GML 502 RL: **Attached is a copy of this year's notice on property protection, flood insurance and financial assistance that we sent to our repetitive loss areas.**

____ 510 FMP/RLAA: **Attached is a copy of our floodplain management plan's annual progress report for the action items contained in the plan.** We have included a progress report template for you to use (last page) if you do not have one of your own.

____ 510 FMP/RLAA: We have provided copies of this/these progress report(s) to our governing board and local media.

GML 520 AR: We continue to maintain as open space the lots where buildings were acquired or relocated out of the floodplain. [____] Initial here if there have been any changes (additions or deletions) to the parcels credited as open space. Attach a description of those changes.

Additional Comments: Notes included in Narratives in document and in digital files

Attachments:

CRS Activity 510

Progress Report on Implementation of Credited Plan

Date this Report was Prepared:

Name of Community:

Name of Plan:

Date of Adoption of Plan:

5 Year CRS Expiration Date:

1. How can a copy of the original plan or area analysis report be obtained:

2. Describe how this evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public:

3. Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year:

4. Discuss why any objectives were not reached or why implementation is behind schedule:

5. What are the recommendations for new projects or revised recommendations?

CRS Activity 310													
Elevation Certificate Permit List (We have no Floodproofing Certificates)													
Permit Number	Issue Date	Address			Bldg Permit Type		Work Class	FIRM Zone	Permit Final	CD	BUC	Finished Const. EC?	COMMENTS
		House Number	Street Direction	Street Name									
CBLD-06-19-012280	6/27/2019	3801		LAKEVIEW	Commercial	New	New Commercial Bldg	AE		X	X	X	

Completed construction and substantial improvements listed above
1-1-2021 through 1-1-2022.

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB No. 1660-0008
Expiration Date: November 30, 2018

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

A1. Building Owner's Name
West Rock Church

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
3801 Lakeview Road

City	State	ZIP Code
Hattiesburg	Mississippi	39401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Part of Tax Parcel Numbers 2-024L-31-013.00 and 2-024L-31-012.00

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Church

A5. Latitude/Longitude: Lat. 31°21'27" N Long. 89°20'31" W Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 1A

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s) N/A sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A

c) Total net area of flood openings in A8.b N/A sq in

d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

a) Square footage of attached garage N/A sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A

c) Total net area of flood openings in A9.b N/A sq in

d) Engineered flood openings? ☐ Yes ☒ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
City of Hattiesburg 280053	Forrest	Mississippi

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
28035C0102	D	03-02-2010	03-02-2010	AE	163.8

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: ☐ CBRS ☐ OPA

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☒ Building Under Construction* ☐ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: BV 1939 Vertical Datum: Elev.=189.61

Indicate elevation datum used for the elevations in items a) through h) below.

☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

Datum used for building elevations must be the same as that used for the BFE.

		Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	165.44	☒ feet	☐ meters
b) Top of the next higher floor	N/A	☒ feet	☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A	☒ feet	☐ meters
d) Attached garage (top of slab)	N/A	☒ feet	☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	N/A	☒ feet	☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	164.08	☒ feet	☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	164.99	☒ feet	☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A	☒ feet	☐ meters

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No ☐ Check here if attachments.

Certifier's Name Marc A. Broome	License Number PS-02972	
Title Professional Land Surveyor		
Company Name Landmark Surveying, LLC		
Address P.O. Box 580		
City Magee	State Mississippi	ZIP Code 39111
Signature Marc A. Broome	Date 09-27-2019	Telephone (601) 849-1796 Ext.

MARC A. BROOME LICENSED PROFESSIONAL SURVEYOR PS-2972 STATE OF MISSISSIPPI Placed Sept. 10-4-19

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

Building is under construction with the building slab poured.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B,and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name			
Address	City	State	ZIP Code
Signature	Date	Telephone	

Comments

☐ Check here if attachments.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date

Comments (including type of equipment and location, per C2(e), if applicable)

☐ Check here if attachments.

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

Photo One

Photo One

Photo One Caption

Clear Photo One

Photo Two

Photo Two

Photo Two Caption

Clear Photo Two

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.

FOR INSURANCE COMPANY USE

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
3801 Lakeview Road

Policy Number:

City	State	ZIP Code
Hattiesburg	Mississippi	39401

Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Photo Three

Photo Three

Clear Photo Three

Photo Three Caption

Photo Four

Photo Four

Clear Photo Four

Photo Four Caption

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB No. 1660-0008
Expiration Date: November 30, 2018

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

A1. Building Owner's Name
West Rock Church

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
3801 Lakeview Road

City: Hattiesburg | State: Mississippi | ZIP Code: 39401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Part of Tax Parcel Numbers 2-024L-31-013.00 and 2-024L-31-012.00

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Church

A5. Latitude/Longitude: Lat. 31°21'27" N Long. 89°20'31" W Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 1A

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s) N/A sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A

c) Total net area of flood openings in A8.b N/A sq in

d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

a) Square footage of attached garage N/A sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A

c) Total net area of flood openings in A9.b N/A sq in

d) Engineered flood openings? ☐ Yes ☒ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
City of Hattiesburg 280053	Forrest	Mississippi

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
28035C0102	D	03-02-2010	03-02-2010	AE	163.8

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: ☐ CBRS ☐ OPA

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☒ Building Under Construction* ☐ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: BV 1939 Vertical Datum: Elev.=189.61

Indicate elevation datum used for the elevations in items a) through h) below.

☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

Datum used for building elevations must be the same as that used for the BFE.

		Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	165.44	☒ feet	☐ meters
b) Top of the next higher floor	N/A	☒ feet	☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A	☒ feet	☐ meters
d) Attached garage (top of slab)	N/A	☒ feet	☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	N/A	☒ feet	☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	164.08	☒ feet	☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	164.99	☒ feet	☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A	☒ feet	☐ meters

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No ☐ Check here if attachments.

Certifier's Name Marc A. Broome	License Number PS-02972	
Title Professional Land Surveyor		
Company Name Landmark Surveying, LLC		
Address P.O. Box 580		
City Magee	State Mississippi	ZIP Code 39111
Signature Marc A. Broome	Date 09-27-2019	Telephone (601) 849-1796 Ext.

MARC A. BROOME LICENSED PROFESSIONAL SURVEYOR PS-2972 STATE OF MISSISSIPPI Place Seal Marc A. Broome 10/4/19

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

Building is under construction with the building slab poured.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B,and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name			
Address	City	State	ZIP Code
Signature	Date	Telephone	

Comments

☐ Check here if attachments.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date

Comments (including type of equipment and location, per C2(e), if applicable)

☐ Check here if attachments.

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

Photo One

Photo One

Clear Photo One

Photo One Caption

Photo Two

Photo Two

Clear Photo Two

Photo Two Caption

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008
Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Photo Three

Photo Three

Clear Photo Three

Photo Three Caption

Photo Four

Photo Four

Clear Photo Four

Photo Four Caption

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB No. 1660-0008
Expiration Date: November 30, 2022

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name
West Rock Church

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
3801 Lakeview Road

Company NAIC Number:

City	State	ZIP Code
Hattiesburg	Mississippi	39401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Parcel Numbers 2-024L-31-013.00 and 2-024L-31-010.01

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Church

A5. Latitude/Longitude: Lat. 31°21'27" N Long. 89°20'31" W Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 1A

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s) N/A sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A

c) Total net area of flood openings in A8.b N/A sq in

d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

a) Square footage of attached garage N/A sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A

c) Total net area of flood openings in A9.b N/A sq in

d) Engineered flood openings? ☐ Yes ☒ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
City of Hattiesburg 280053	Forrest	Mississippi

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
28035C0102	D	03-02-2010	03-02-2010	AE	163.8

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: ☐ CBRS ☐ OPA

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.

FOR INSURANCE COMPANY USE

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
3801 Lakeview Road

Policy Number:

City	State	ZIP Code
Hattiesburg	Mississippi	39401

Company NAIC Number

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: BV 1939 Vertical Datum: Elev.=189.61

Indicate elevation datum used for the elevations in items a) through h) below.

☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

Datum used for building elevations must be the same as that used for the BFE.

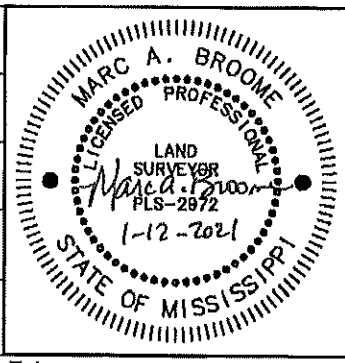
		Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	165.6	☒ feet	☐ meters
b) Top of the next higher floor	N/A	☒ feet	☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A	☒ feet	☐ meters
d) Attached garage (top of slab)	N/A	☒ feet	☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	165.3	☒ feet	☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	165.1	☒ feet	☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	165.4	☒ feet	☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A	☒ feet	☐ meters

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No ☐ Check here if attachments.

Certifier's Name	License Number	
Marc A. Broome	PS-02972	
Title		
Professional Land Surveyor		
Company Name		
Landmark Surveying, LLC		
Address		
P.O. Box 580		
City	**State**	**ZIP Code**
Magee	Mississippi	39111



Signature	Date	Telephone	Ext.
	01-12-2021	(601) 849-1796	

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

Type of equipment referenced in C2.e) is an air conditioner unit.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B,and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name			
Address	City	State	ZIP Code
Signature	Date	Telephone	

Comments

☐ Check here if attachments.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name	Title
Community Name	**Telephone**
Signature	**Date**

Comments (including type of equipment and location, per C2(e), if applicable)

☐ Check here if attachments.

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

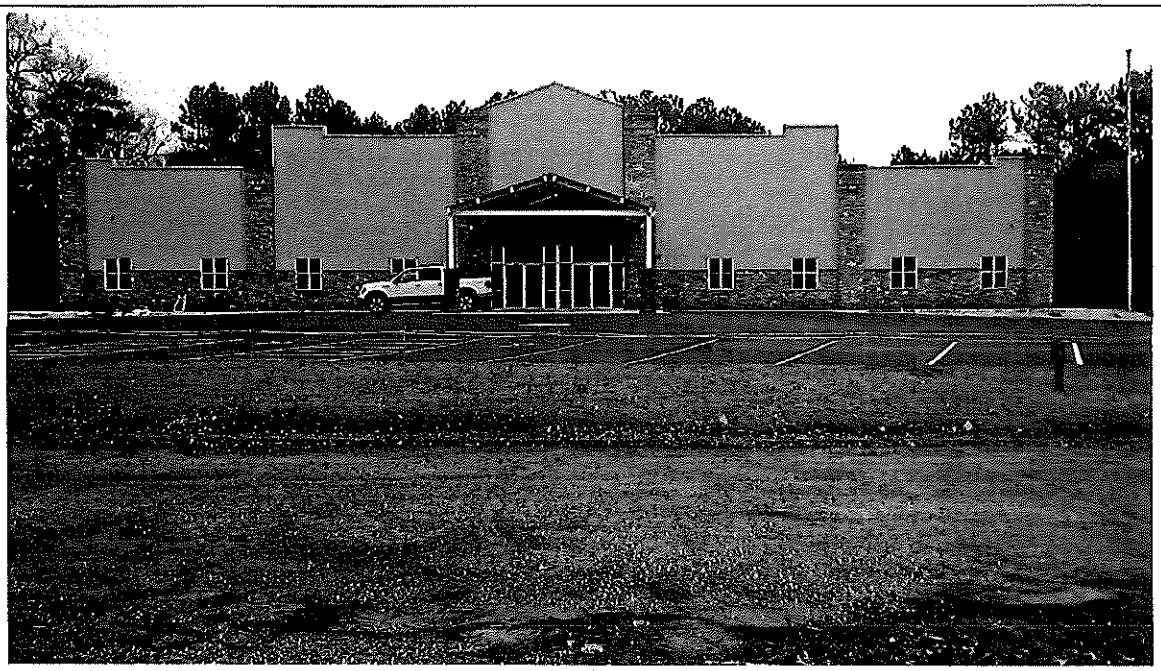


Photo One

Photo One Caption FRONT VIEW 01-12-2021 — Clear Photo One

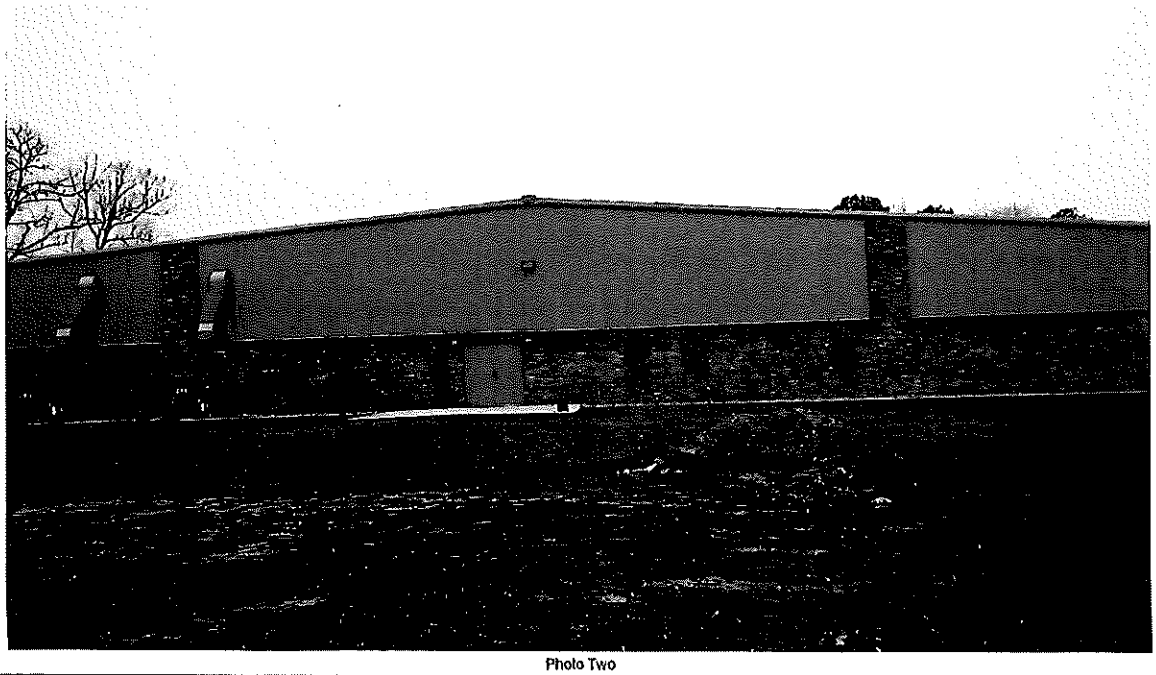


Photo Two

Photo Two Caption REAR VIEW 01-12-2021 — Clear Photo Two

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS
Continuation Page

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3801 Lakeview Road			Policy Number:
City Hattiesburg	State Mississippi	ZIP Code 39401	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three

Photo Three Caption LEFT SIDE VIEW 01-12-2021 — Clear Photo Three



Photo Four

Photo Four Caption RIGHT SIDE VIEW 01-12-2021 — Clear Photo Four

MI 320 Recertification Narrative

The City advertises mapping on the City's website at http://www.hattiesburgms.com/residential/floodplain-management/ as listed as an outreach project in the PPI. https://www.facebook.com/CityofHattiesburg https://twitter.com/Hattiesburg_MS

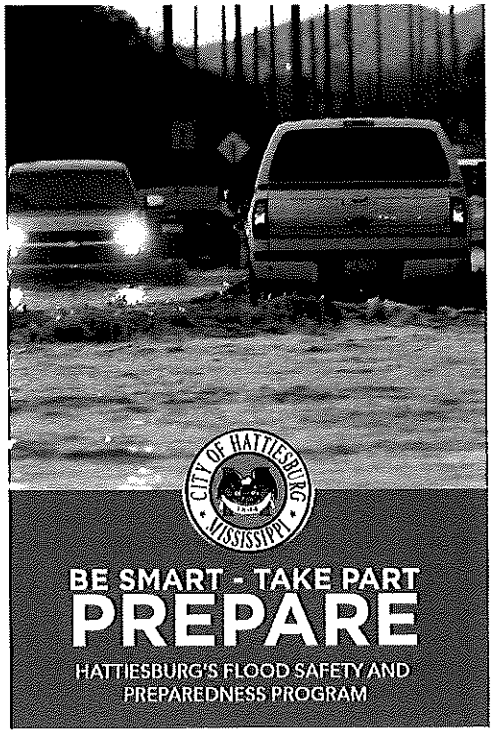
A business development handout that is available at City Hall and provided to potential business owners by the Area Development Partnership (ADP) to inquire with the City of Hattiesburg Planning Division to find out about various land use topics, including flood zone.

Three example flood determination letters provided to citizens have also been attached.

360/PPA/PPN
320 MI

FLOODPLAIN MANAGEMENT

- Residential
  - Making Renovations
  - Planning Commission
    - Board of Adjustment
  - Historic Conservation Commission
  - Floodplain Management
    - Drainage Maintenance & Stormwater
    - FEMA (1970 – 2010) Flood Hazard Maps and Flood Insurance Studies
    - Flooding Questionnaire
  - Neighborhood Associations



With 46,377 residents, the City of Hattie: is home to roughly 25 percent of propert is located within a special flood hazard a (SFHA). The vast majority of homes and businesses within this area are older, low lying and built prior to the FEMA flood designations; however, many of these properties have been elevated due to reconstruction that came after devastatin tornadoes in 2013 and 2016.

Additionally, several areas outside of the SFHA also pose a concern, as they are su to flash flooding during intense rainfall. Because of these factors, it's important tl homeowners and renters know the poten damage flooding can bring and how they prepare for such.

The resources found on this page and in Online Storm Center will provide reside with everything needed to prepare for an respond to a natural disaster like floodin

CONTACT INFORMATION

Main Office, City Hall
200 Forrest Street
1st and 2nd Floor
601-545-4609

Flood Ordinance (updated September 2021)

FloodSmart.Gov

NOTE: The FEMA.gov website is undergoing an upgrade—links to content there may temporarily be broken.

FEMA FLOOD MAP – UPDATED JULY 2020

Code Enforcement
601-554-1027

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Building
601-554-1003

Neighborhood Coordinator
601-545-1962

FLOOD PROTECTION LIBRARY

NOTE: The FEMA.gov website is undergoing an upgrade—links to content there may temporarily be broken.

FEMA NFIP Public Awareness Materials for Insurance Agents, Realtors and Lenders "Before, During and After the Flood"

FEMA P-347, Above the Flood: Elevating Your Floodprone House (2000)

Answers to Questions about the National Flood Insurance Program

FEMA P-55, Coastal Construction Manual: Principles and Practices of Planning, Siting, Designing, Constructing, and Maintaining Residential Buildings in Coastal Areas (4th ed.)

FEMA 54, Elevated Residential Structures (1984)

Mandatory Purchase of Flood Insurance Guidelines

FEMA P-85, Protecting Manufactured Homes from Floods and Other Hazards (2009)

FEMA 257, Mitigation of Flood and Erosion Damage to Residential Buildings in Coastal Areas (1994)

FEMA 348, Protecting Building Utilities from Flood Damage (1999)

FEMA – Protect Your Property

FEMA – Protecting Your Home or Small Business from Disaster

FEMA – Protecting Yourself Through Mitigation

Protecting Floodplain Resources – A Guidebook for Communities

Reducing Damage from Localized Flooding: A Guide for Communities

Coastal Construction Manual Brochure

Browse 6,075 FEMA Document and Manuals

Cleaning Up Your Home After A Flood

FEMA High Water Mark Initiative

Click Here for Full Page Viewing

FLOODPLAIN MANAGEMENT PLAN

The purpose of the Floodplain Management Plan is to protect the residents of the City by lowering the risks and reducing the effects of disasters on property owners and critical faci by identifying and implementing mitigation strategies that will reduce or prevent catastropl damages, casualties, physical and/or financial losses.

Floodplain Management Plan

2020 Annual Floodplain Management Plan Evaluation

PROGRAM FOR PUBLIC INFORMATION AND CAPITAL IMPROVEMENT PLA

To reduce insurance cost to the residents in a more substantial way, and to reach more prop owners through a more aggressive outreach program, the City has now formed the Progran Public Information (PPI). This PPI formation will also assist the City in actively pursuing a Class reduction, which would provide our citizens a larger discount on flood insurance premiums.

Program for Public Information and Capital Improvement Plan

2020 Program for Public Information and Capital Improvement Plan Evaluation

FLOOD HAZARD IN HATTIESBURG

The flood hazard in Hattiesburg comes primarily from The Leaf River and its tributary Cre including: Gordon, Mixon, Burkett and Priest, which are within the Pascagoula River Basi

Some areas experience local flooding not directly associated with a river or creek. Floods Hattiesburg are of relatively short duration. After intense rainfall, floodwaters can rise at a of two to three feet per hour reaching a maximum stage in two hours (or less). Floodwater some areas of the city can attain substantial velocities. April 6, 1983 was the last flood involving major river flooding with a river stage of 29.19 ft, and over 32 million dollars in damage. The latest flash floods were in the Mixon Creek basin area in January and March with rainfall characteristics that may have been in the range of the 500-year and 100-year frequencies, respectively.

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Critical Habitat Mapper

Flood Insurance Residential Coverage

SLOSH – Sea, Lake, and Overland Surges from Hurricanes

Mississippi State Flood Information:

MEMA flood preparation information.

Lower Mississippi river forecast center via NOAA.

Prepare Your Evacuation Route – MDOT on Hurricane Prep (YouTube Video)

NOAA facilities and programs in Mississippi. (.pdf)

2015 Hurricane Evacuation Guide and Map (.pdf)

FIND MY FLOOD ZONE

260 PP-A/PPV

For technical assistance:

If needed, a representative from the City can make site visits to your home or property review flooding, drainage and sewer problems. Additionally, a Certified Building Offi is currently on staff to provide advice on the retrofitting of flood-prone structures (suc elevation of the structure and flood proofing). You can contact the Action Center at 6(545-4599 to request a visit.

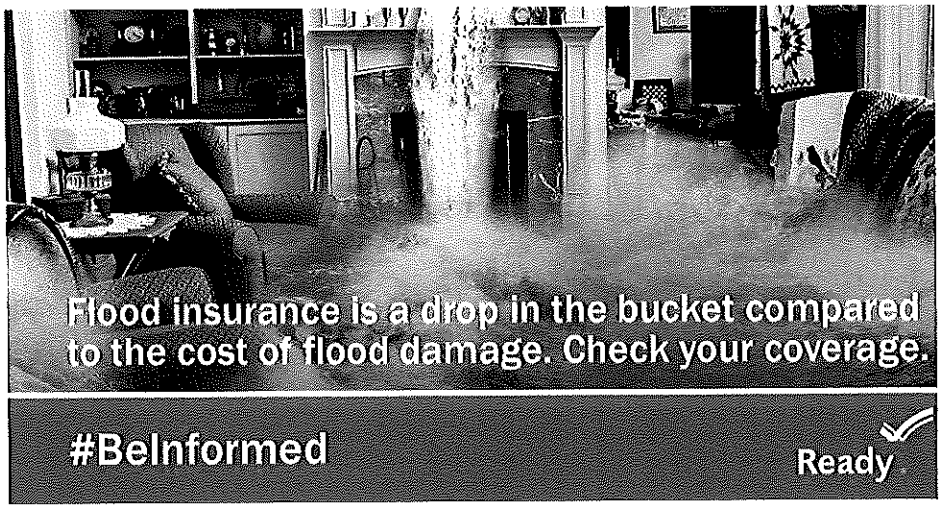
FLOOD WARNING SYSTEM

The Emergency Management District receives readings twice a day from the Jackson Weat Service for river flooding. The District also maintains their own gauges on the Leaf River Gordon's Creek, which are read daily. The Emergency Management District also monitors National Weather Service data network, via a computerized satellite receiver system, on a 2 hour / 7 day basis. In the event of an actual flood, the Emergency Management District wi immediately notify all local television and radio stations, local schools, government offices

Forrest County Comprehensive Emergency Management Plan

FLOOD INSURANCE

The City of Hattiesburg has enacted and enforces ordinances designed to minimize the sev of future flood damages. By doing so, relatively low-cost flood insurance is made availabl from the Federal government through licensed property insurance agents. This insurance n be obtained to cover future flood-related losses to most structures and their contents. **THIS IMPORTANT BECAUSE FLOOD DAMAGE IS NOT COVERED BY NORMAL HOMEOWNERS' INSURANCE.** The City of Hattiesburg is a member of the National F Insurance Program's Community Rating System, a voluntary incentive program that recogi and encourages community floodplain management activities that exceed the minimum NF requirements. As a result, flood insurance premium rates are discounted to reflect the reduc flood risk resulting from the community actions meeting the three goals of the CRS: 1) Rec flood losses; 2) Facilitate accurate insurance rating, and 3) Promote the awareness of flood insurance.



To check your individual flood hazard, floodplain maps and reference materials are available in the Land Code Department, on the first floor of City Hall, and are also

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For more information regarding flood insurance, please visit the National Flood Insurance Program's website.

NFIP Public Awareness Materials for Insurance Agents, Realtors and Lenders – "Be During & After the Flood"

SUBSTANTIAL IMPROVEMENT REGULATIONS

The City of Hattiesburg has flood damage prevention regulations that may affect how you remodel, renovate, or add on to your building. If your home is below the 100-year flood elevation, then the "cumulative substantial improvement" rule applies. "Cumulative substa improvement" means any reconstruction, rehabilitation, addition, or other improvements tc structure totaling 50% of the fair market value of the structure during a 5-year period. Sho the amount of work reach or exceed 50%, then the entire structure must be brought into compliance with Hattiesburg's flood damage prevention regulations. Substantially damage structures, due to fire or any other reason, must be brought up to the same standards if the c of repairs equals or exceeds 50% of the structure's value before it was damaged and must b elevated above the base flood elevation.

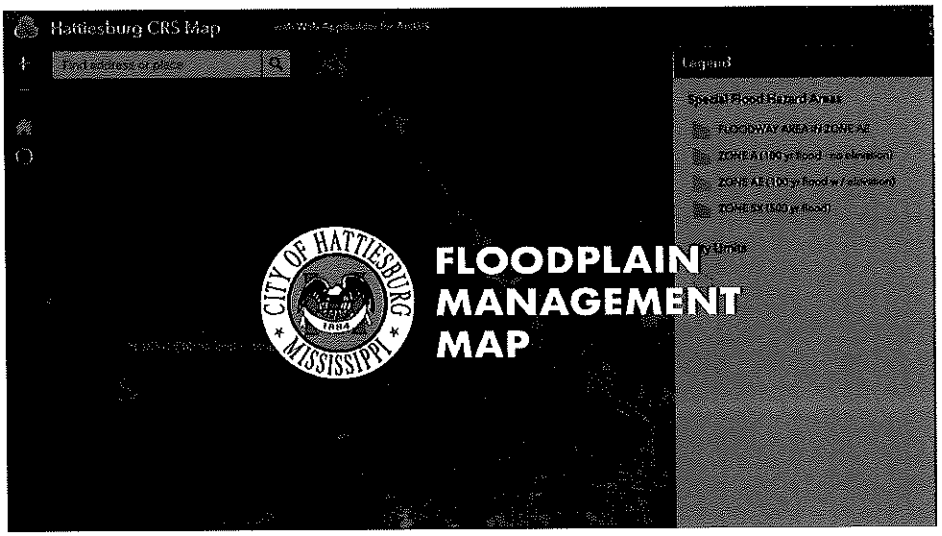
Floodplain Ordinance

For more information regarding retrofitting existing structures, please visit the follow FEMA resources, http://www.fema.gov/library/.

FLOODPLAIN DEVELOPMENT

"Development" means "any man-made change to improved or unimproved real estate, including, but not limited to, buildings or other structures, mining, dredging, tilling, gradin paving, excavating, drilling operations, or permanent storage of materials."

You should always check with the City Building Official before carrying out any of these t of work, or if you suspect work is being done that has not been permitted by the City. See below for a map of the City's floodways and zones. Also available for historical informatio a list of FEMA (1970 – 2010) Flood Hazard Maps and Flood Insurance Studies.



To help limit the severity of floods and resulting damages, a Building Permit must first be

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within the floodplain is closely controlled, and is prohibited if any increase in the flood haz results.

Quick Links

- Home
- Jobs
- Mayor Toby Barker
- Hattiesburg City Council
- City Services
- Residential
- Business
- Action Line
- Public Notices

Get In Touch

- Facebook
- Twitter
- YouTube
- info@hattiesburgms.com
- Action Line
- E-Newsletter Archive
- Sign Up for E-Newsletter

Upcoming Events

23Mar
Art & Design Annual Student Show

March 23 - April 8
Mike Lopinto

29Mar
HAC Drum Circle

March 29 @ 6:00 pm - 7:00 pm
Hattiesburg Arts Council

29Mar
Faculty Artists Series presents Duo Cintemani

March 29 @ 8:00 pm
Mike Lopinto

View More...

City of Hattiesburg © 2018

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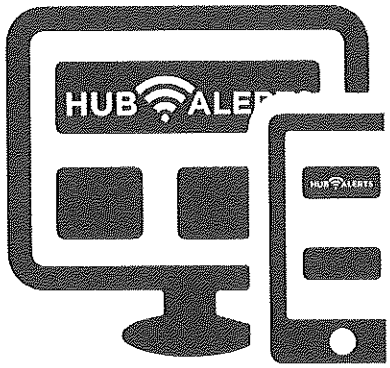
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CITY OF HATTIESBURG STORM CENTER

NEWS & REPORTS

All reports are also posted on the City's social media channels:

/CityofHattiesburg /Hattiesburg_MS

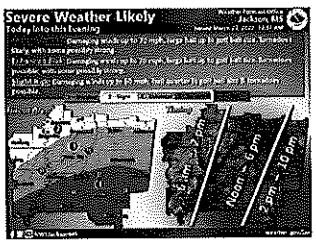


Weather Update | March 22, 2022

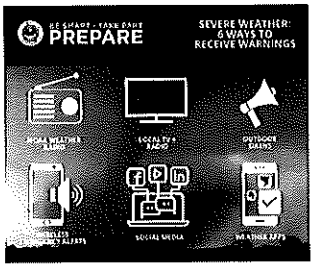
The Storm Prediction Center has placed all of the Pine Belt in a Moderate Risk (4 out of 5) for severe weather today. This includes all of Forrest County. All modes of severe weather will be possible today. Damaging winds up to 70 mph, large hail up to golf ball size and tornadoes will be likely with some possibly strong. The timeline for the expected severe weather has changed to 2pm to 10 pm. There is also a elevated risk (2 out of 4) for flash flooding today. 2 to 5 inches of rain is expected and this could cause some roads to become flooded. Outside of expected thunderstorms, the winds will be quite strong today. Sustained winds of 20 to 30 mph with gusts to 40-50 mph will be possible from 9 am to 9 pm.

The Forrest County 361 Shelter will open at 10 am today and will remain open until the threat of severe weather has passed. The address for the shelter is 946 Sullivan Drive in Hattiesburg behind the Forrest County Multipurpose Center. A special thanks to the Salvation Army for providing lunch for those at the shelter.

Sandbags will be available at the Hattiesburg Fire Station #1 (810 Main Street in Hattiesburg) and Forrest County EOC (4080 US Hwy 11 in Hattiesburg).







LINKS & RESOURCES

WEATHER UPDATES

National Weather Service – Jackson

Forrest County Emergency Managen District

Mississippi Emergency Management Agency

Mississippi Power Company – Powe Outages & Storm Center

STORM PREPAREDNESS

Floodplain Management

Drainage Maintenance & Stormwate Management

American Red Cross – Disaster Prep

Cooperative Energy – Hurricane Safe Preparedness Brochure

Forrest General Hospital – Emergenc Operations Plan

MDOT – Hurricane Preparedness

Mississippi 811 – Damage Preventio

Pearl River Valley EPA – Severe We Safety

Southeast American Disability Act – Emergency Preparedness

August 26 - 29, 2021 | Hurricane Ida

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Weather Update | August 26, 2021

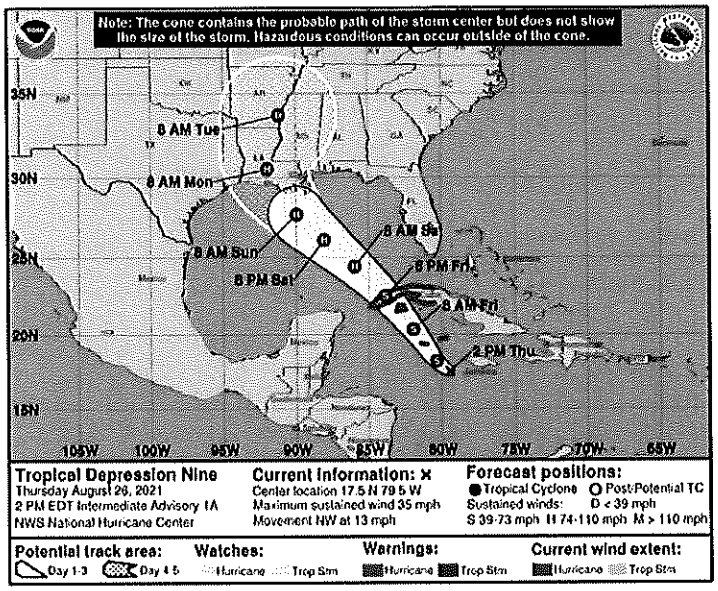
320

Hattiesburg, we've just received the latest update regarding Tropical Depression #9 from Forrest County Emergency Management and here is what you need to know:

TD #9 is currently forecasted to become Hurricane Ida within the next 48 hours, as it makes its way into the Gulf of Mexico.

Landfall is currently expected on the eastern Louisiana coast on Sunday night as a Category 3, with 115mph winds.

It's still too early to define what the impact of this storm will be on the Pine Belt; however, tropical-storm-force winds, 3 to 5 inches of rain and isolated tornadoes are possible. As we always do, we will continue to update you with necessary updates. These forecasts continue to evolve. However, our key message for you right now is this:
Regardless of how the forecast takes shape, it's very important that you and your family take the time now to prepare for the potential impacts from Ida.
For details on making a plan and stocking an emergency kit, visit https://www.ready.gov/hurricanes.



March 15 - March 17, 2021 - Spring Thunderstorm Event

March 17, 2021; 9 AM
The forecast for today's severe weather has changed significantly.
Forrest and Lamar Counties are now under a moderate risk (4/5) for severe weather.
Counties to the north of us by just a few miles are at a high risk (5/5).
?
Multiple rounds of storms.
Tornadoes are likely, some with the potential to be very strong.
Damaging winds.
Hail in varying sizes, between golf ball and tennis ball-sized.
Between 1 p.m. and Midnight
March 17, 2021; 6 AM
The 361 Shelter at 946 Sullivan Drive will open at Noon today. If you do not have a safe place to be, make plans to be here. Masks are required.
If you are a Hattiesburg resident and you need a ride to the shelter, Hub City Transit can provide one. Call 601-545-4500.
Forrest County residents can call 601-544-7800.
Petal residents can call 601-545-1776.

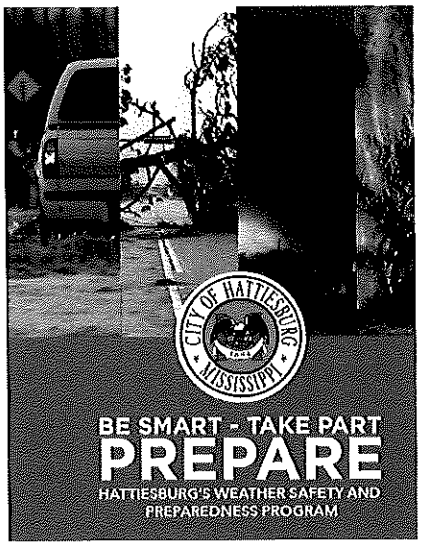
STORM RESPONSE

Mississippi State Board of Contracto Protect Yourself after a Disaster

R3SM – Recover, Rebuild, Restore Southeast Mississippi – Assistance

U.S. Department of Housing and Url Development (HUD) Housing Counseli Program – Disaster Recovery Toolkit

United Way of Southeast MS



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- Have a plan for what you/your family/housemates will do when a tornado warning is issued.
- Make plans to not be on the road during the worst of the system.

We'll continue to monitor the forecast from US National Weather Service Jackson Mississippi with Forrest County Emergency Management and post updates as we have them.



320

March 16, 2021; 11 AM

Hattiesburg, tomorrow (Wednesday, March 17) is going to be a long day with the potential for severe weather conditions between 1 p.m. and Midnight. This is lengthy, but there are several details you should know:

Forrest and Lamar Counties are under an enhanced risk (3 out of 5) for severe weather.

Surrounding counties to the north of us by just a few miles are under a moderate risk (4 out of 5) for severe weather.

It's been a while since our area has been forecasted at this risk level for severe weather.

Please review the following and take precautions where necessary.

Tornadoes are likely, a few with the potential to be very strong.

Damaging wind gusts up to 75 mph.

Hail in varying sizes, between golf ball to baseball-sized.

The Forrest County Emergency Management EOC will be staffed throughout the entire weather event.

Below are checklist items to go over with your family/housemates:

- Make sure you have a place to take cover.
- This should be the most interior room of your home on the lowest level.
- Have a bicycle helmet handy for extra protection.
- If you live in a mobile home, please make arrangements to get to the 361 Safe Room.

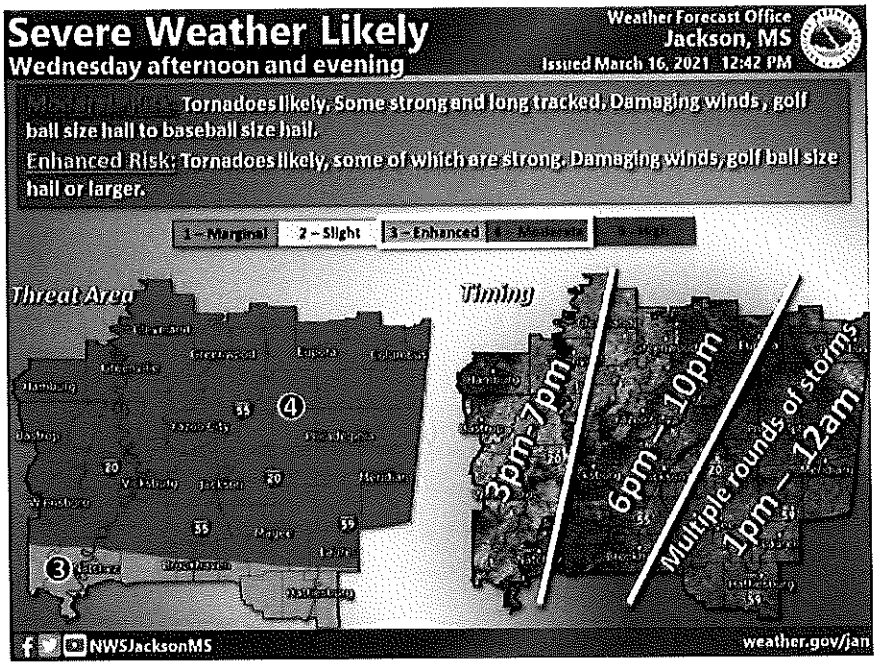
Forrest County Emergency Management will open it when the county is placed under a tornado watch.

- Prepare your disaster supply kit to include water and nonperishable foods, flashlight, medications, phone charger, personal documents, extra shoes, extra batteries, pet supplies (if needed), contact list of family/friends with phone numbers and car keys.

- Have multiple ways to receive warnings.
- Make sure all batteries and devices are charged.
- If you have a weather radio, make sure it's working. If you receive alerts on your phone, make sure the settings are turned on appropriately.
- Register for Hub Alerts to receive city communication beyond weather alerts should it be needed (hattiesburgms.com/hubalerts).

We'll continue to monitor the system with both Forrest County Emergency Management and the US National Weather Service Jackson Mississippi

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320

March 15, 2021; 11 AM

Hey, Hattiesburg. You have probably scrolled through several posts addressing severe weather for this week. At 72 hours out, the forecast will likely continue to evolve. However, now is still a great time to discuss severe weather plans with your family.

Address questions like:

- Where will you take cover in the event a tornado warning is issued?
- If your property consistently floods during heavy rain systems, what can you do to minimize potential damage?
- Do you have batteries and extra charging ports to make sure all devices are fully charged?
- Do you have a way to be notified of severe weather in the middle of the night?

Currently, both Forrest and Lamar Counties are in the forecast for an enhanced risk of severe weather on Wednesday, March 17.

This means:

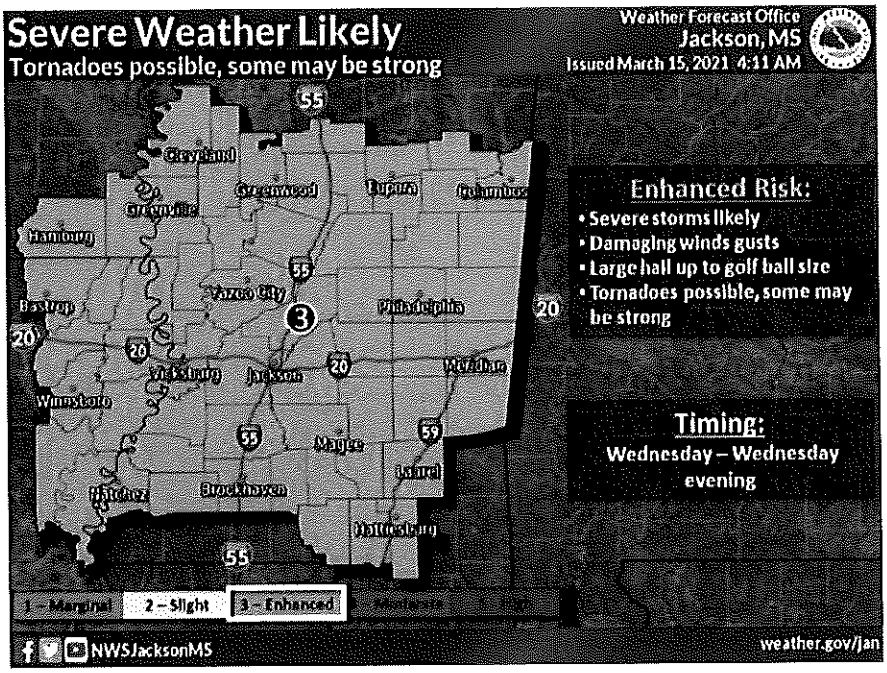
Severe storms are likely, with a possibility of golf ball-sized hail..

Damaging wind gusts.

Tornadoes are possible.

We're working closely to monitor the changes with our partners at Forrest County Emergency Management. As always, we'll keep you updated as necessary.

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February 14, 2021 - Winter Storm Event

Monday, February 15, 2021 | 4 PM

Due to inclement winter weather and anticipated icing of roadways, below are several updates regarding city operations through tomorrow.

- City offices will operate a delayed-start for offices at 10 a.m. on Tuesday, February 16. However, all response-based and emergency services provided by Public Works, sworn personnel and dispatch for the Hattiesburg Police Department and Fire Department will continue daily operations.
- Pickup services (garbage & recycling) will still occur, but will be delayed. We are operating a holiday schedule which can be reviewed here: https://www.hattiesburgms.com/cityservices/holidayschedule/.
- In response to unfavorable conditions, city crews will be on call throughout the night and early morning to distribute sand on roadways as needed
- The 361 Forrest County Saferoom Shelter, located at 946 Sullivan Drive, is open should someone need a safe, warm place to stay.

Please remember:

Travel is not recommended during icy conditions. However, please follow these tips and guidelines if you must travel for work or other emergencies.

Be a responsible driver. Travel at appropriate speeds for the weather.
Stay on main roads.
Expect bridges and elevated roadways to be slick.
Do not pour water on windows to get rid of ice. Even lukewarm water can present a risk.
Be sure to have a full tank of gas, charged cell phones & devices, flashlight, extra warm clothes, a blanket and driver's documents (license, insurance, etc).
Temperatures overnight will drop to around 15-degrees. Please make appropriate plans for your pets, plants and any exposed pipes. Check on your neighbors, and stay warm.

Monday, February 15, 2021 | 7 AM

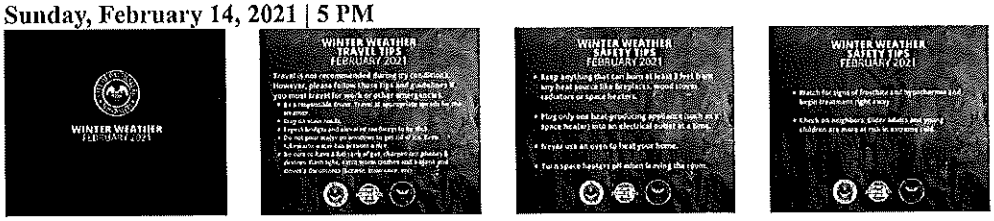
Hattiesburg, weather conditions will continue to deteriorate today.
Our area is forecasted to receive:

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Record-breaking cold temperatures remain a concern, with forecasted temperatures below 15°F and wind chills in the single digits beginning today.
Please continue to check on your neighbors, especially those who are elderly and disabled.
Should it be needed, the Forrest County Community shelter, located at 946 Sullivan Drive, is open.
Please help our first responders with the Hattiesburg Police Department (Official) and Hattiesburg Fire Department by adhering to these roadway and heat safety tips.
Travel is not recommended during icy conditions. However, please follow these tips and guidelines if you must travel for work or other emergencies.
Be a responsible driver. Travel at appropriate speeds for the weather.
Stay on main roads.
Expect bridges and elevated roadways to be slick.
Do not pour water on windows to get rid of ice. Even lukewarm water can present a risk.
Be sure to have a full tank of gas, charged cell phones & devices, flashlight, extra warm clothes, a blanket and driver's documents (license, insurance, etc).
And,
Keep anything that can burn at least 3 feet from any heat source like fireplaces, wood stoves, radiators or space heaters.
Plug only one heat-producing appliance into an electrical outlet at a time.
Never use an oven to heat your home. Turn space heaters off when leaving the room.
Avoid carbon monoxide poisoning. Only use generators and grills outdoors.
We're expected to receive dangerously cold temperatures. If possible, please stay indoors and follow these tips:
Limit your time outside. If you need to go outside, wear layers of warm clothing.
Watch for signs of frostbite and hypothermia and begin treatment right away.
We'll post updates as necessary today. Stay safe and warm, and more importantly – help take care of those most vulnerable around you.

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Sunday, February 14, 2021 | 5 PM



Hattiesburg, not much has changed with the evening update for the Winter Weather approaching the Pine Belt. Please see the list of notes to go along with the weather and a list of closures due to the weather. We'll continue to update this post with that information as we receive it.
Currently, our area is under a Winter Storm Warning until 6 a.m. on Tuesday Morning.
Ice and sleet is possible anywhere from ¼" – ½", icing of roads and bridges is expected. Also expect some downed tree limbs and sporadic power outages.
Freezing rain could begin in the Pine Belt as early as 4 a.m. Monday morning.
Record-breaking cold temperatures remain a concern, with forecasted temperatures below 15°F and wind chills in the single digits beginning Monday.
These temperatures can cause concern for exposed pipes. Additionally, hypothermia is likely with prolonged exposure.
The Forrest County Emergency Management has activated the EOC, and it will remain open for the duration of this event.
The Forrest County Community shelter, located at 946 Sullivan Drive, will open at 6 p.m. tonight (Sunday, Feb. 14).
City crews are on standby to distribute materials on roadways to help with icing if conditions warrant.

REMINDERS

Continue to touch base with those who may be elderly or disabled.
Make appropriate plans for your pets.
Make sure exposed pipes are covered.
Since power outages are possible, be sure to charge all of your devices.

CLOSURES

The Mississippi State Department of Health vaccination site at the Lake Terrace Convention

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In-person operations for The University of Southern Mississippi will be closed on Monday, February 15.

Sunday, February 14, 2021 | 8 AM

The winter weather forecast for our area has changed significantly. The US National Weather Service Jackson Mississippi has issued a Winter Storm Warning for Forrest County. It is effective at Noon today and will last through 8 a.m. on Tuesday morning.

This includes:

- Ice up to ¼ inch is expected.
- Ice-covered roads, bridges and overpasses will be likely.
- Some downed tree limbs are expected and sporadic power outages are possible.

The timing of the transition to freezing rain has sped up. Freezing rain could begin in the Pine Belt as early as 8 a.m. on Monday.

We're also forecasted to experience record-breaking cold temperatures, between 13-16° on Monday night. Single digit to sub-zero wind chills are likely. Hypothermia is likely with prolonged exposure, and damage to exposed pipes will be likely.

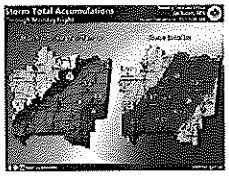
Please make it a priority to asses your home today and prepare by:

- Sealing windows & doors.
- Insulating pipes.
- Making plans for pets and plants.
- Turning any outdoor sprinkler systems off.
- Checking on your elderly and disabled neighbors to make sure heat is working properly.

We'll continue to post updates as necessary.









Saturday, February 13, 2021 | 5 PM

The US National Weather Service Jackson Mississippi has issued updated forecasts regarding "dangerously cold weather" expected starting as early as tomorrow night into early next week. The threat level for record-breaking cold temperatures has been increased to an elevated threat (2 out of 4) for Monday into Tuesday. Models now show the low between 13 and 17 degrees on Monday night with wind chills in the single digits.

What does this mean?

- Sleet and freezing rain accumulations are possible.
- Travel impact is likely with light icing of bridges and overpasses.
- Low temps to near 20-degrees F, with wind chills to near 10-degrees.
- Possible danger to exposed pipes.
- Monday through Monday night.

What can you do right now?

The forecast will continue to evolve; however, it's important to prepare by:

- Seal windows & doors.
- Insulate pipes.
- Make plans for pets and plants.
- Turn any outdoor sprinkler systems off.
- Check on your elderly and disabled neighbors to make sure heat is working properly.

We'll continue to monitor the forecast with Forrest County Emergency Management and post any necessary updates.

Friday, February 12, 2021 | 1 PM

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While not in the forecast for this weekend specifically, Forrest and Lamar Counties are under a limited threat for Monday through Monday night.

What does this mean?

- Sleet and freezing rain accumulations are possible.
- Travel impact is likely with light icing of bridges and overpasses.
- Low temps to near 20-degrees F, with wind chills to near 10-degrees.
- Possible danger to exposed pipes.
- Monday through Monday night.

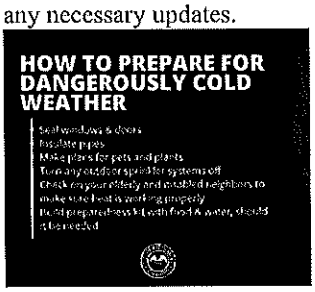
What can you do right now?

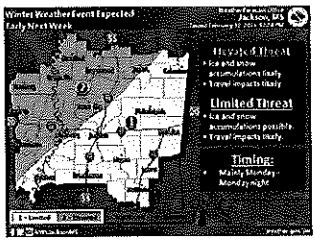
The forecast will continue to evolve; however, it's important to prepare by:

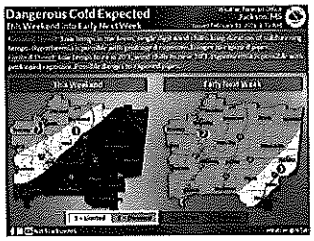
- Seal windows & doors.
- Insulate pipes.
- Make plans for pets and plants.
- Turn any outdoor sprinkler systems off.
- Check on your elderly and disabled neighbors to make sure heat is working properly.

We'll continue to monitor the forecast with Forrest County Emergency Management and post any necessary updates.

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October 28, 2020 - Zeta - Click for Archived Content

Wednesday, October 28, 2020 | NOON

Zeta's track remains steady without much change. We know everyone has storm season preparation fatigue, but we're in for a long day/night. Below are the highlights of what came from our 11 a.m. update with Forrest County Emergency Management.

This will be a heavy wind and rain event for our area.

Be off the roads by 5 p.m. Regardless of what category hurricane Zeta makes landfall at, the Pine Belt area is expected to receive tropical-storm-force winds beginning at 5 p.m. Attached is a wind-timing graphic.

The City of Hattiesburg and Forrest County offices will close at 2 p.m., with the exception of public safety, dispatch and certain storm-preparation crews.

Hub City Transit will stop routes by 5 p.m.

SHELTERING

Sheltering is available at 946 Sullivan Drive beginning at 2 p.m. If transportation is needed, residents in the City of Hattiesburg can call 601-545-4500 and those in Forrest County can call the Sheriff's Department at 601-544-7800.

Masks are required at the shelter and COVID-19 precautions will be taken for all who seek shelter at this facility.

Additionally – in partnership with MEMA, DHS and the MS National Guard – rapid COVID-19 testing will be available to all at the shelter. It is optional; however, should someone test positive they will take shelter in a separate designated safe room within the shelter.

WIND PREPARATION

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In preparation for wind gusts in excess of 85mph, all residents should bring in anything that can be a projectile during high winds. This includes garbage cans, patio furniture and Halloween decorations.

FLASH FLOOD WARNING & WATCHES

The Pine Belt is at an elevated risk for heavy rain up to 2-4 inches, with higher amounts up to 6 inches in low-lying areas as well as localized flash flooding.

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Don't travel on the roads after 5 p.m. if possible.

Do not travel through standing water.

Obey all barricades/traffic signals/first responders.

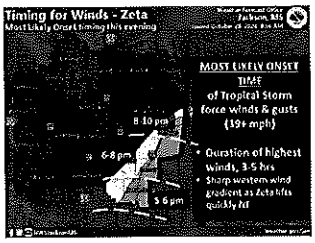
MASKS & SANDBAGS

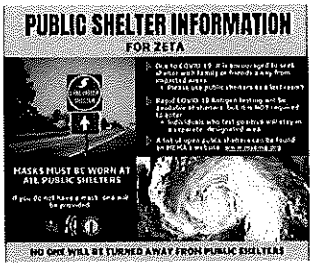
Masks and sandbags are still available at the following locations:

Forrest Co. EOC (4080 US Hwy 11, Hattiesburg)

Fire Station #1 (810 Main Street, Hattiesburg)

Petal Fire Station (102 Fairchild Drive, Petal)

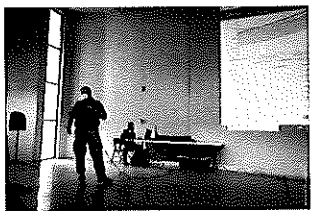












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Wednesday, October 28, 2020 | 9 AM

Zeta has gained strength and this morning's forecast has slightly increased risks for the Pine Belt. The storm may strengthen slightly before making landfall and is forecasted to move through the area quickly.

Do not wait to make plans. This is expected to be a heavy rain event – along with the possibility of downed power and trees. Check on friends and family, make accommodations for sandbags, etc. if your home needs them and try to stay off of the roads this evening.

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With the 9AM update, here's what residents need to know:

Zeta is expected to make landfall as a Category 2 Hurricane on the southeast Louisiana coast with a forward speed of 24mph.

Forrest County and Lamar County remain under a Tropical Storm warning. Forrest County will also remain under a Flash Flood Watch until Thursday morning.

Elevated risk for heavy rain up to 2-4 inches, with higher amounts up to 6 inches in low-lying areas as well as localized flash flooding.

Elevated risk for high winds up to 85mph.

Power outages and downed trees are likely.

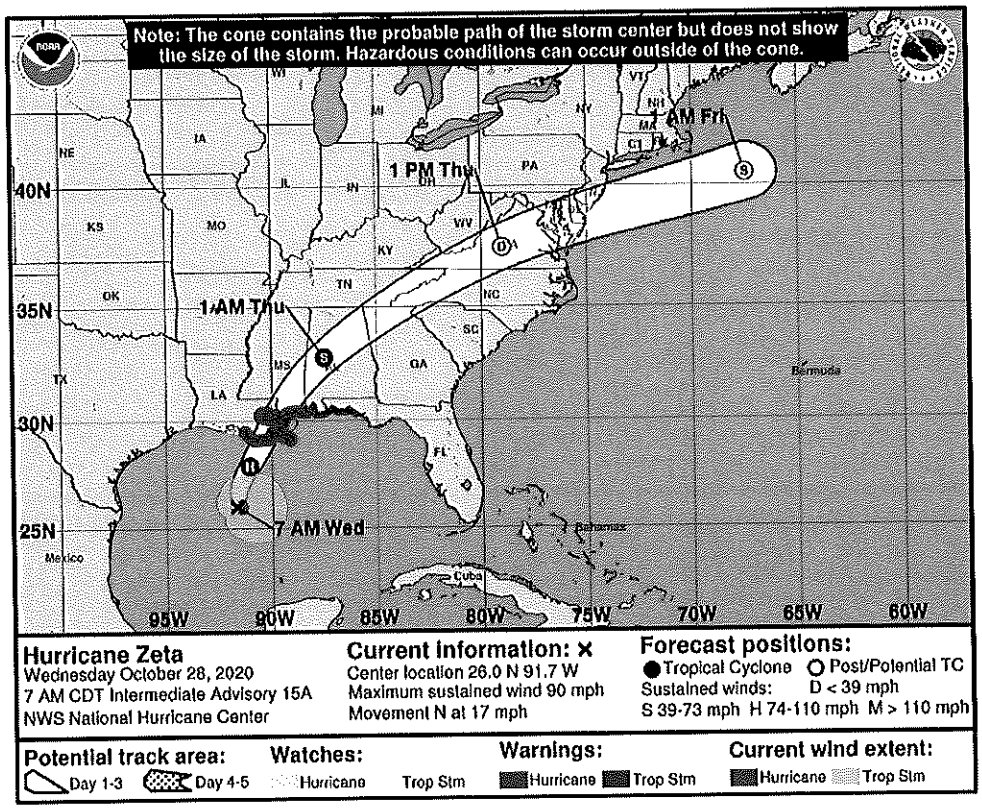
The timeframe is Wednesday night through Thursday morning.

The 361 Shelter at 946 Sullivan Drive will be open at 2 p.m. TODAY. If you need transportation, you can call our action line at 601-545-4500 or the Forrest County Sheriff's Office at 601-544-7800.

For masks or sandbags, they are available for free at these locations:

Forrest Co. EOC (4080 US Hwy 11, Hattiesburg)

Fire Station #1 (810 Main Street, Hattiesburg)



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Tuesday, October 27, 2020 | 4 PM

The forecast for Zeta has remained steady, with slight increases in risks for the Pine Belt area. Below are details from the 4 PM update:

Forecasted landfall is between the mouth of the Pearl River and the Mississippi/Alabama border late Wednesday evening.

Forrest County and Lamar County are currently under a Tropical Storm warning.

2-4 inches of heavy rain, with higher amounts up to 6 inches in low-lying areas as well as localized flash flooding.

Both Lamar and Forrest Counties may experience up to 50mph winds.

Power outages are likely.

The timeframe is Wednesday night through Thursday morning.

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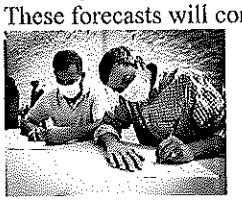
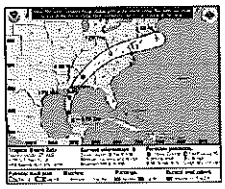
Residents should make it a priority to discuss emergency plans with friends and family – tonight. These storms can shift east or west at the last minute. It's important for all to prepare for the worst-case scenario and hope for the best.
For masks or sandbags, they are available for free at these locations:

Forrest Co. EOC (4080 US Hwy 11, Hattiesburg)

Fire Station #1 (810 Main Street, Hattiesburg)

Petal Fire Station (102 Fairchild Drive, Petal)

Additionally, Mayor Barker and Forrest County Board of Supervisors President David Hogan signed a declaration of emergency in advance of Zeta's impact on our area.
Emergency declarations are signed in advance of storms as a precaution to aid relief and recovery efforts should a storm impact an area where such is needed.
These forecasts will continue to evolve as the storm tracks closer to the coast.




Tuesday, October 27, 2020 | Noon

The City of Hattiesburg is monitoring the potential impacts of Tropical Storm Zeta with partner agencies and the Forrest County Emergency Management District.
Currently, this is what is forecasted:
Forrest County and Lamar County are currently under a Tropical Storm warning.
2-4 inches of heavy rain, with higher amounts locally possible and localized flash flooding.
Both Lamar and Forrest Counties may experience up to 50mph winds.
The timeframe is Wednesday night through Thursday morning.
These forecasts will continue to evolve as the storm enters the Gulf of Mexico. Updates will be posted as necessary.

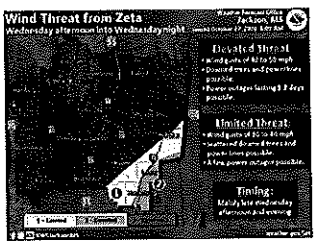
For masks or sandbags, they are available for free at these locations:

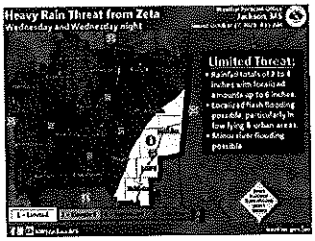
Forrest Co. EOC (4080 US Hwy 11, Hattiesburg)

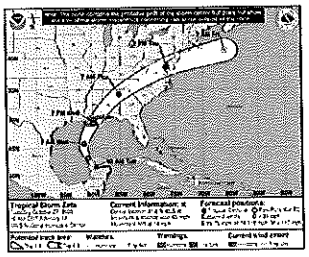
Fire Station #1 (810 Main Street, Hattiesburg)

Petal Fire Station (102 Fairchild Drive, Petal)

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July 10 - 12 Tropical Storm Barry - Click for Archived Updates

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WEATHER UPDATE 7/12 | 4 PM:

Tropical Storm Barry is expected to make landfall in Louisiana, west of the MIssissippi Gulf Coast, during the morning hours of Saturday (July 13).

Hattiesburg is expected to receive between 4-8 inches of significant rainfall beginning Saturday, with the possibility of pop-up tornadoes. We'll go under a flash flood watch at 7 a.m., at which time the Forrest County Emergency Management EOC will be activated.

Our area will experience rain bands and wind from the storm beginning Friday afternoon as the storm makes its way north.

Here's what you need to know as we move into the weekend:
- Free sandbags are still available (filled and self-serve) at the EOC 4080 US Hwy 11 (drive around back to the sandpile) and at Hattiesburg Fire Station #1 (self-serve only), 810 N. Main Street.
- Free tarps are also available at the EOC. If your home has deferred maintenance on the exterior, you may want to pick up a few.
- The 361 Shelter at 946 Sullivan Drive is currently on standby. If the EOC activates it, we'll post that information here – along with transit opportunities if needed.

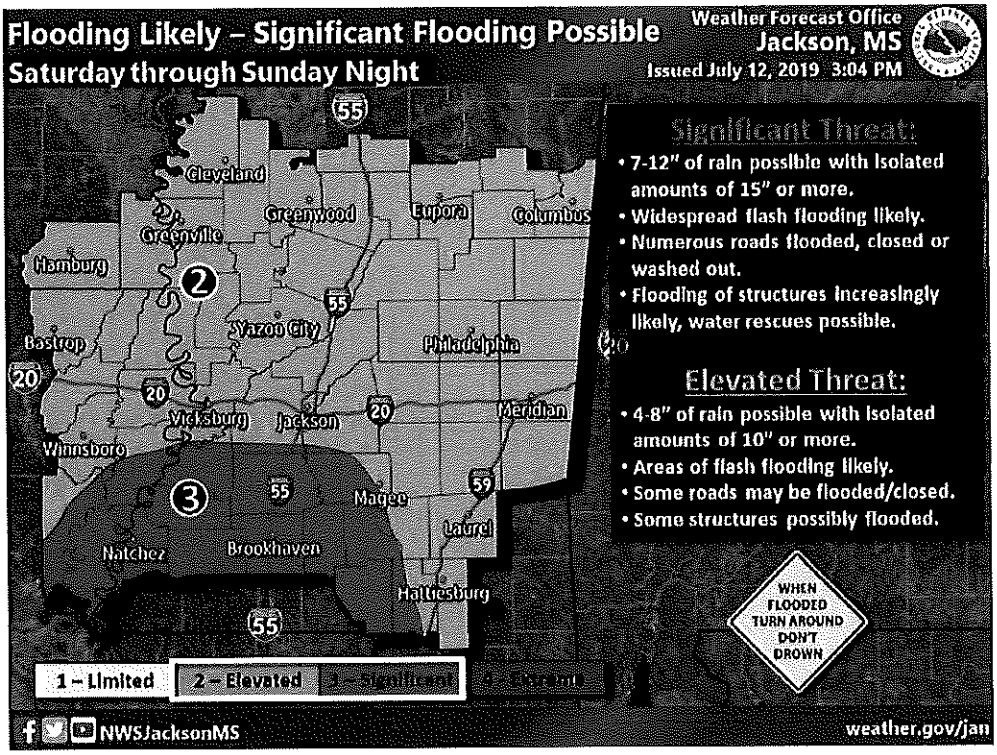
We know that the forecast may continue to change before it makes landfall, PLEASE be weather aware. Know which channels you'll tune into (tv, radio & social media).

With the potential for flash flooding, we ask that you not drive on the roads during the height of the storm. HOWEVER, if you do – obey ALL barricades, road closed signs, traffic signals and first responders who may be assisting with traffic. Many swift-water rescues are deployed when motorists choose to go around signs or drive through standing water. You'll hear us talk about this more than once throughout the next 48-hours. Help us, help you!

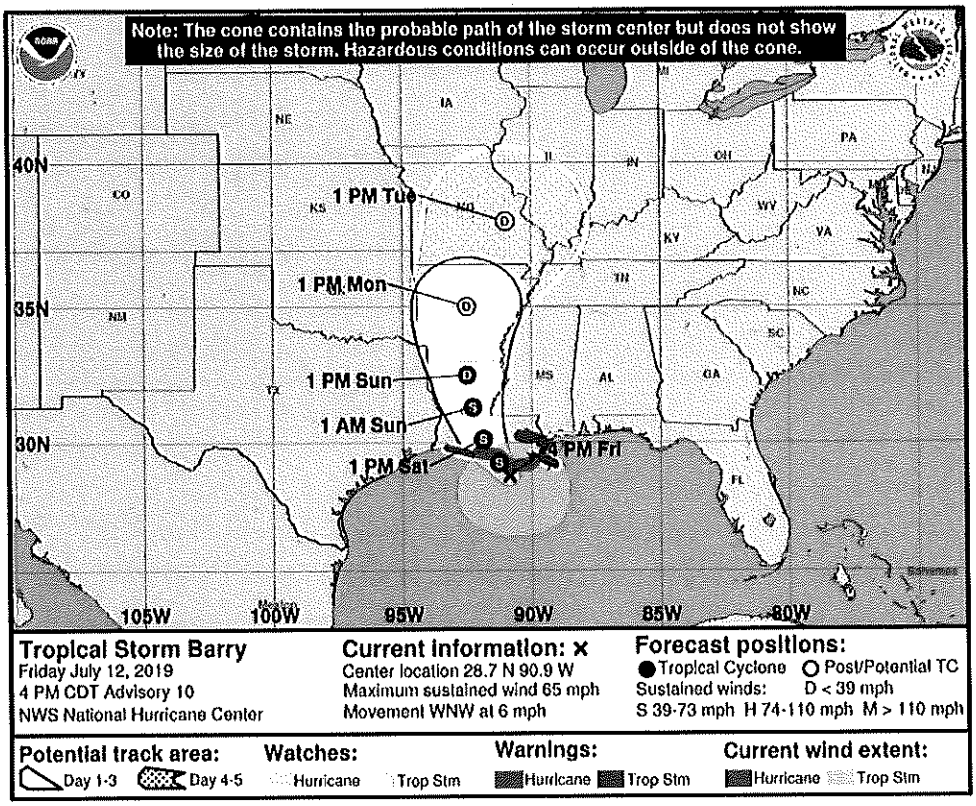
All significant road closures will be posted here throughout the height of the storm, and we'll continue to share information with you as we have it.

Remember to…
1. Stay weather aware.
2. Be a good neighbor, check on friends and family.

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WEATHER UPDATE 7/12 | 9 AM:

Tropical Storm Barry's track has shifted a bit west, and we are still at a significant/elevated threat for flash flooding on Saturday through Sunday.

Later today, we will begin seeing wind and rain from the outer bands of the system. As the forecast becomes more confident, we'll post necessary updates about what that means for us in Hattiesburg.

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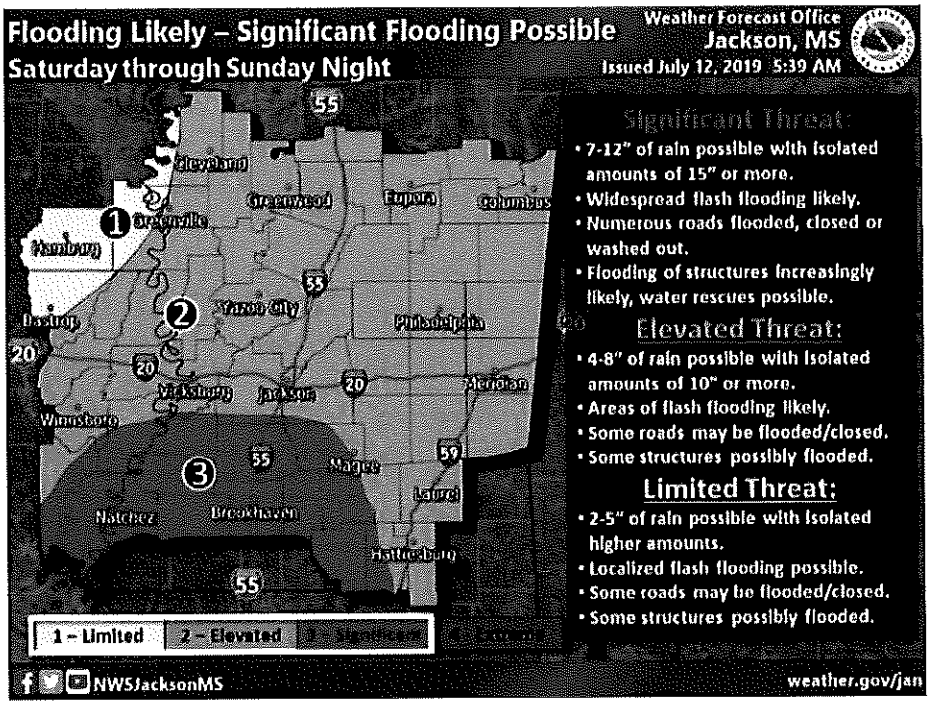
Sign up for Hub Alerts —> http://hattiesburgms.com/hubalerts

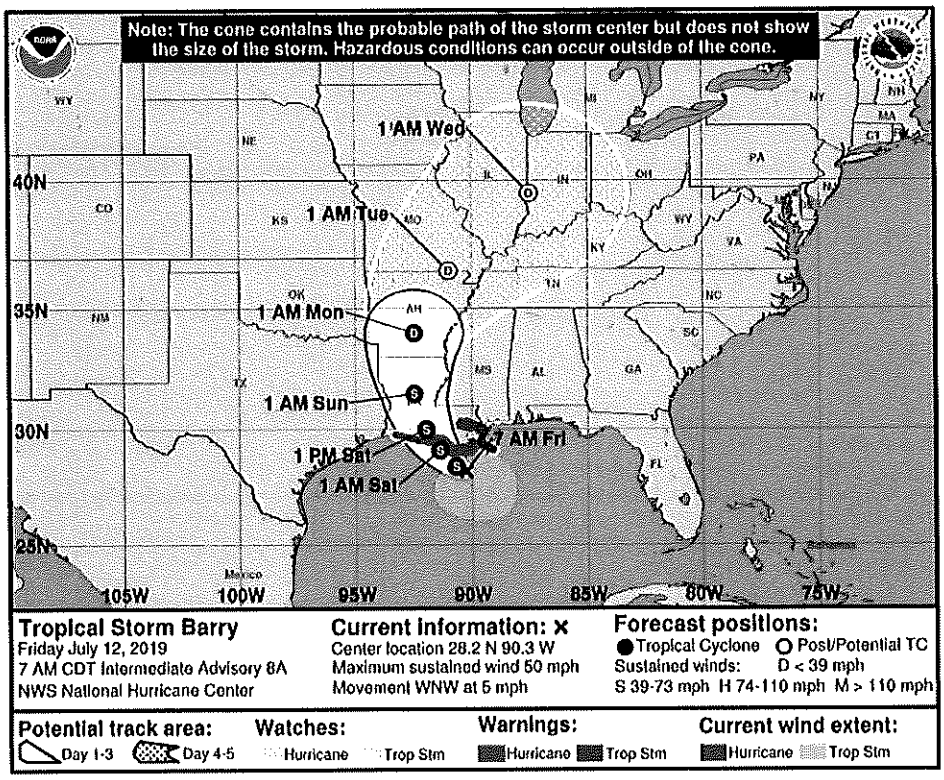
Charge all devices.

If you live in an area that has the potential to flood with a typical rain system, be sure to have an emergency plan and communicate with your friends and family closest to you.

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Sandbags are still available at both the EOC (4080 US Hwy 11) and Fire Station #1 (810 N. Main St.).





WEATHER UPDATE 7/11 | 4 PM:

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What does that mean for us?

- Beginning Saturday morning, our area will be under a flash flood watch until Sunday evening.

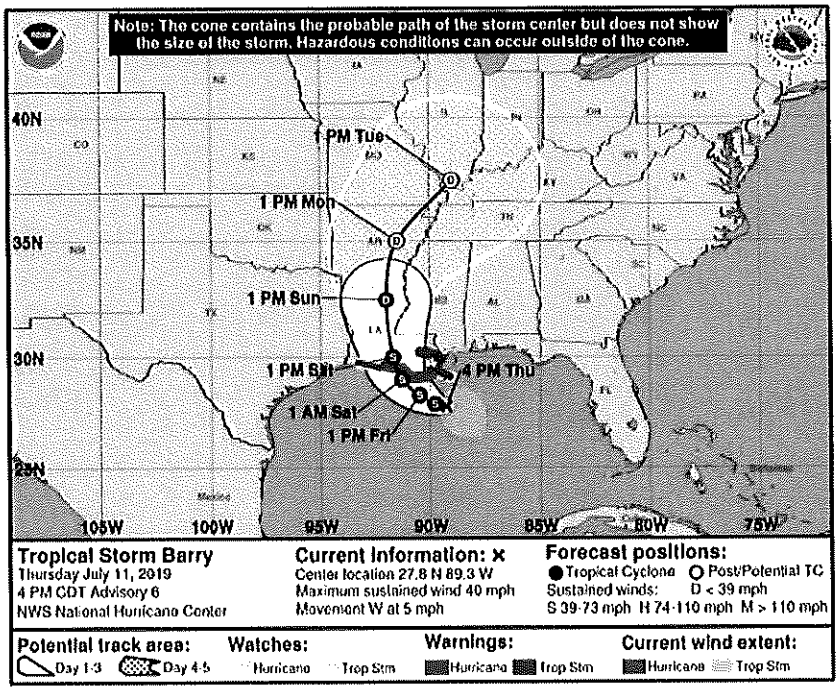
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- Our area may experience strong winds with the possibility of tornadoes and heavy rainfall that may cause flash flooding.

While the forecasts over the next 48 hours will be more confident, they will continue to evolve. PLEASE stay weather aware.

If you need sandbags to help with flooding, they are available at Forrest County Emergency Management (4080 US Hwy 11) and at Hattiesburg Fire Department's Station #1 (810 N. Main Street).

As a city, our departments have been preparing for the forecast and will continue to do so as we move into the weekend. We'll post significant updates here.



WEATHER UPDATE 7/11 | 9 AM:

The forecast for the tropical system in the Gulf did not change too much overnight, except for a small shift to the east for landfall. And at the 10 a.m. update, the storm was named a tropical storm (Barry).

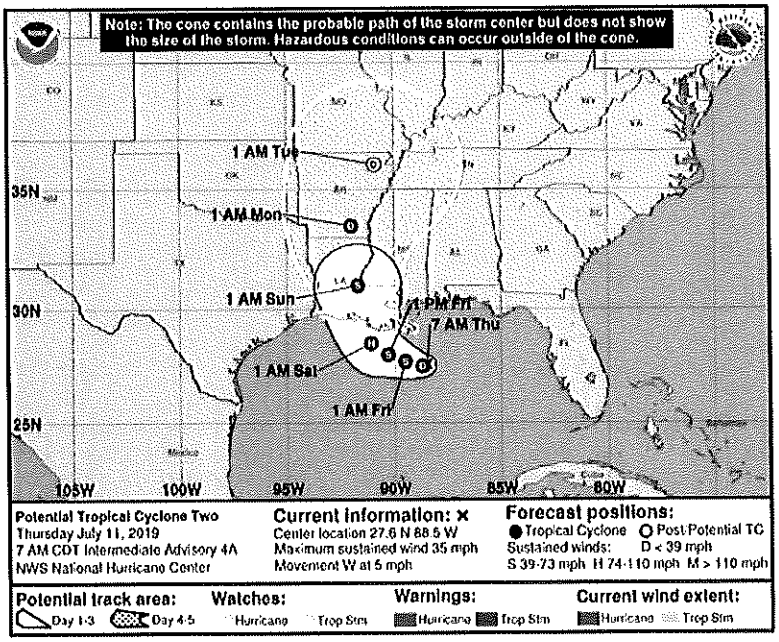
Hattiesburg's main threat will continue to be gusty winds with the possibility of pop-up tornados and flash flooding from heavy rainfall.

To prepare for any flooding that might occur, sandbags are available at the Forrest County Emergency Management office (4080 US Hwy 11). These are free.

Please remember, these tracks and forecasts will continue to change. We'll post any significant updates here.

Reference Links:
National Hurricane Center https://www.nhc.noaa.gov/

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WEATHER UPDATE 7/10 | 5 PM:

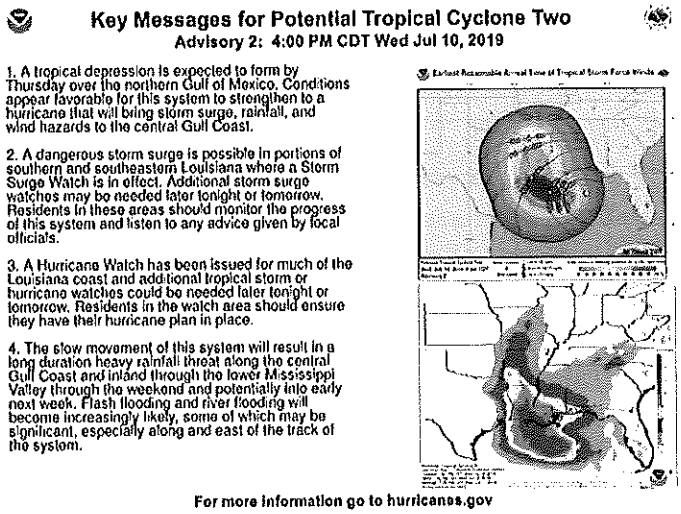
The forecast for the tropical system in the Gulf has evolved and has been identified by the NOAA NWS National Hurricane Center as Potential Tropical Cyclone Two.

What does that mean for Hattiesburg?
Not too much has changed for us. We still have the potential to see heavy rainfall. We will be on the eastern side of the system, which puts us at a risk for flash flooding.

The storm is expected to form into a Tropical Depression by tomorrow (Thursday, July 11), with the possibility of being a Hurricane by landfall. If it develops, its name will be Barry.

Please remember, these tracks and forecasts will continue to change. We'll provide all significant updates here, on Twitter (@Hattiesburg_MS) and on Facebook (@CityofHattiesburg).

Please stay weather aware, and have your plan ready to go should you need it.



Key Messages for Potential Tropical Cyclone Two
Advisory 2: 4:00 PM CDT Wed Jul 10, 2019

1. A tropical depression is expected to form by Thursday over the northern Gulf of Mexico. Conditions appear favorable for this system to strengthen to a hurricane that will bring storm surge, rainfall, and wind hazards to the central Gulf Coast.

2. A dangerous storm surge is possible in portions of southern and southeastern Louisiana where a Storm Surge Watch is in effect. Additional storm surge watches may be needed later tonight or tomorrow. Residents in these areas should monitor the progress of this system and listen to any advice given by local officials.

3. A Hurricane Watch has been issued for much of the Louisiana coast and additional tropical storm or hurricane watches could be needed later tonight or tomorrow. Residents in the watch area should ensure they have their hurricane plan in place.

4. The slow movement of this system will result in a long duration heavy rainfall threat along the central Gulf Coast and inland through the lower Mississippi Valley through the weekend and potentially into early next week. Flash flooding and river flooding will become increasingly likely, some of which may be significant, especially along and east of the track of the system.

For more information go to hurricanes.gov

WEATHER UPDATE 7/10 | 9 AM:

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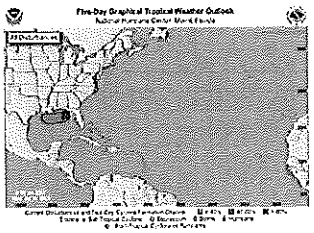
Here is what you need to know:
1. Tracks for tropical systems change quickly, and it is still too soon to determine what the magnitude or the location of impact will be.

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2. Regardless of the track and intensity, our area will experience heavy rainfall in a short period of time. We know that means our area has the potential for flash flooding. Be prepared for that ahead of time.

3. If you aren't already signed up for our community alert system – Hub Alerts – now is the time to do that. Text HBURG to 888-777 with your phone or fill out the form (with ways to add more contact information) by visiting https://www.hattiesburgms.com/hubalerts/. If we have to send out alerts beyond the weather warning, this will allow us to do that.

As always, we'll be right here. We'll post any updates that are significant to your well-being and safety.







April 17 - 18 Tornado & Flash Flooding - Click for Archived Updates

---

WEATHER UPDATE 4/18 | 1:45 PM:

US National Weather Service Jackson Mississippi has placed Hattiesburg/Forrest County under a Tornado Watch until 9 p.m.

A watch means that the weather event COULD happen. A warning means you should take cover now.

Charge your devices.

Touch base with friends and family regarding your emergency plan. Know where you can go if a warning is issued.

Be cautious if you are on the road. Obey all barricades and officers who may be directing traffic where water is standing on the road.

The 361 Safe Room Shelter is open (946 Sullivan Drive) and sandbags are still available at Forrest County Emergency Management (4080 US Hwy 11).

Please stay weather aware, Hattiesburg.

WEATHER UPDATE (April 18 | 10:30 AM:

Due to the severe weather forecast, city offices will close at 3 p.m.

All response-based & emergency services provided by Public Works, sworn personnel & dispatch for the Hattiesburg Police Department (Official) and Hattiesburg Fire Department will continue operations

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Sandbags to help with flooding are available at the Emergency Operations Center, located at 4080 US Hwy 11.

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WEATHER ALERT (April 18 | 9 AM):

The forecast for this afternoon hasn't changed much. The strongest of the storm will still occur between 4 p.m. and 8 p.m., but our area should begin seeing heavy rain around 2 p.m. With it, comes the risk of flash flooding.

Please be cautious while driving. Adhere to all traffic barricades and don't drive through standing water.

Things to note:
Forrest County Emergency Management will open the 361 Shelter at 2 p.m. It is located at 946 Sullivan Drive (behind the Forrest County Multi-Purpose Center).

Ahead of today's storms, the following institutions and organizations will dismiss early:

Hattiesburg Public Schools (earliest at 12:10 p.m.)

Lamar County Schools, 11:30 a.m.

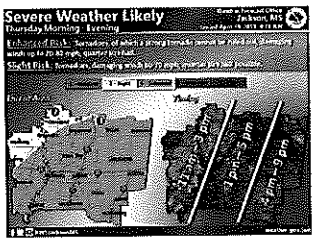
Pearl River Community College (all campuses), Noon

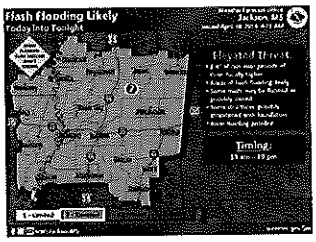
The University of Southern Mississippi, 1 p.m.

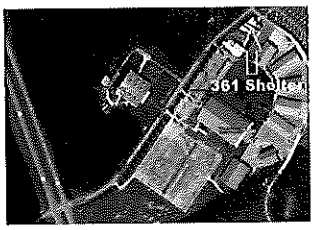
William Carey University, night classes are canceled.

The Earth Day Celebration at Town Square Park with the Downtown Hattiesburg Farmers Market has also been postponed until a later date.

Prepare for a bumpy day, and stay weather aware. We'll post updates as we have them.







WEATHER ALERT (April 17 | 4 PM):

The Hattiesburg area is expected to receive a round of severe weather on Thursday, April 18. The current timeframe is forecasted between 4 p.m. and 8 p.m. On a scale of 1 – 5 for potential, we're are at a 3 for enhanced risk. This comes with the potential of tornadoes, up to 70 MPH wind and hail.

Going into tomorrow, we ask that you do the following:

1 Know/review your safety plan with your friends/family. Have a safe space to move to should you need it. The timeframe is during drive time and this may affect your plan.

2 Make sure you have a way to receive weather notifications. Please don't rely on one source.

3 Charge your devices.

4 Don't be complacent. While the forecast can always change, we also know what a devastating blow severe weather can have on our community. Don't underestimate it and make a plan.

We'll continue to watch the forecast and post updates where necessary.

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Jan. 28-29 Winter Weather - Click for Archived Updates

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❄WEATHER UPDATE (Jan 29 | 6 AM):

The roads are wet and snow is beginning to fall in some places. If you HAVE to be on the roads, please exercise great caution while driving. As for now, the system will move past us and will not affect travel.

❄ WEATHER UPDATE (JAN 28 | 4 PM):

The latest forecast from US National Weather Service Jackson Mississippi and Forrest County Emergency Management is confident that Hattiesburg may receive up to one inch of snowfall. Updates include:

Local schools, including Hattiesburg Public School District, will be closed on Tuesday, Jan. 29.

Due to the forecasted conditions, the City will operate a delayed-start for offices at 11 a.m. However, all response-based and emergency services provided by Public Works, sworn personnel and dispatch for the Hattiesburg Police Department and Fire Department will continue daily operations. Pickup services (garbage & recycling) will still occur but will be delayed.

Temperatures will drop through the night. The 361 Saferoom Shelter will open at 6 p.m. as a warming shelter and will be open through Wednesday at 10 a.m. Should residents need a ride to the shelter, he or she can call 601-545-4500. Any additional closures we hear of will be posted here.

❄ WEATHER UPDATE (JAN 28 | 11 AM):

We are preparing materials should they be needed for the cold weather/icy forecast overnight through Tuesday morning.

We are currently working with our partners at Forrest County Emergency Management and US National Weather Service Jackson Mississippi to monitor the forecast, and we will follow their lead. We will meet with them this afternoon to discuss further preparations and response.

Below is what we do know from our partners at this time. Another update will be provided later this afternoon.

Hattiesburg is at a limited threat for potential snowfall between 4 a.m. and 10 a.m. Light accumulation is possible. Travel conditions could become hazardous mainly on bridges due to snow cover and freezing of residual moisture.

The Forrest County 361 Saferoom will open this evening as a warming shelter at 6 p.m. and will be open through 10 a.m. on Wednesday, Jan. 30.

This forecast will continue to evolve as we get closer.

All details will be added here, on Twitter (twitter.com/Hattiesburg_MS) and in our online storm center (hattiesburgms.com/stormcenter).

Jan. 3 Flash Flood Warning - Click for Archived Updates

❄ WEATHER UPDATE (1/3/19 | 3 PM):

Not too much has changed in the forecast for the afternoon/evening. We're still expected to receive between 3-5 inches of rain in a very short amount of time, with rain continuing to fall

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Your drive home is going to be wet, and we REALLY need you to drive with extreme caution. Please adhere to the information below:

01. Obey all barricades and signs. Last week we had to close more than 27 roads and intersections throughout the city due to the amount of water crossing the roadways. A full list of those roads can be found below (scroll to the bottom and click on **Dec. 27 Flooding Event – Click for Archived Updates**). We can't say if we'll have to do the same again tonight, but we encourage you to take a quick look through the list so that you can prepare for your commute home.

02. If we do have to close roads, a running list will be provided here.

03. Flash flood events already come with conditions that are dangerous. Flash flood events at night are even worse. Do not try to drive across standing water. If the road already has significant damage or a pothole is hidden beneath, you can cause serious damage to your vehicle or it can stall, leaving you stranded.

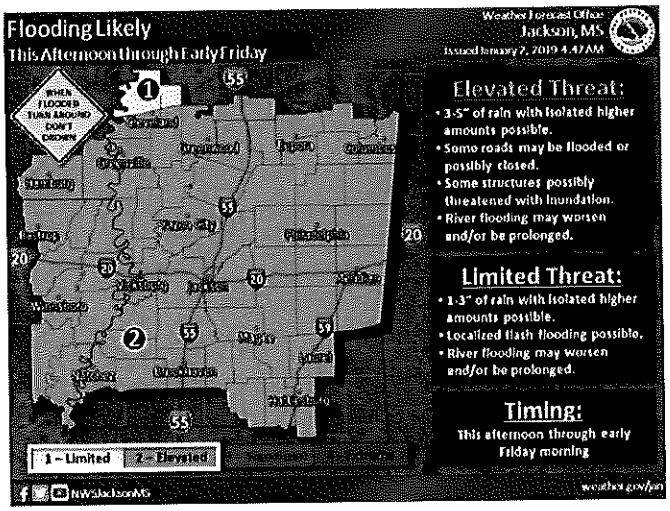
04. Finally, get home and stay at home. This system could move quickly or it can stall. Either way, the best way to help us and our first responders is to get home and stay there until the system has moved through.

—

If you need sandbags, they can be picked up from Fire Station #1 (810 North Main Street) or the EOC office (4080 Hwy 11) on your way home.

Red Cross has opened a shelter at Petal Civic Center (712A South Main St) for any who need to seek shelter from possible flooding.

WEATHER UPDATE (1/2/19 | 2 PM):



The US National Weather Service Jackson Mississippi is predicting another round of heavy rain beginning Thursday (Jan. 3) and moving through early Friday (Jan. 4) morning. Hattiesburg is forecasted to receive between 3-5 inches of rain.

As we saw last week, flash flooding can close many of our roads – quickly. With river/creek levels higher than normal due to last week's rain, we're asking everyone to be proactive.

To prepare, sandbags can be picked up at Fire Station #1 (810 North Main Street) and at the Forrest County Emergency Management Office (4080 Hwy 11).

Red Cross will open at shelter at Petal Civic Center (712A South Main Street).

We'll post periodic updates as we receive them, but please remember to adhere to all cautions and warnings. If you see barricades, obey them. They are out for your safety.

Forrest County EMA also still has teams assessing damage due to last week's flood waters. If you had ANY damage, please contact 601-544-5911.

All updates, important information and resources can be located in the City's online storm center at hattiesburgms.com/stormcenter.

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Dec. 27 Flooding Event - Click for Archived Updates

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WEATHER UPDATE (12/29/18 | 10 AM):

According to Forrest County Emergency Management and the US National Weather Service Jackson Mississippi, the Leaf River has crested at 24.62 feet (2 feet lower than forecasted).

The river level should slowly continue to fall throughout the remainder of the day.

The Red Cross continues to operate a shelter at the Petal Civic Center for those displaced by the flooding.

WEATHER UPDATE (12/28/18 | 3 PM):

Due to the recent rainfall, Forrest County Emergency Management forecasts that the Leaf River will crest around 26.5 feet tomorrow (Saturday, December 29) around noon. This has the potential to flood neighborhoods in the City of Hattiesburg. We're asking residents to treat this situation much like the flood in March of 2016. If you saw water in your yard, on your street or in your home in 2016, you will likely see it with this event.

COMMUNITY SHELTER IS OPEN

The Red Cross shelter is located at the Petal Civic Center, and it is open. It is located at 712A South Main Street in Petal.

NEED A RIDE?

If you need a ride to the shelter, please call the Action Line at 601-545-4500. It will be staffed throughout the night and into tomorrow.

SANDBAGS AVAILABLE

If you would like to pick up sandbags to protect your property against potential flood damage, they are available at Fire Station #1 at 810 North Main Street in Downtown Hattiesburg.

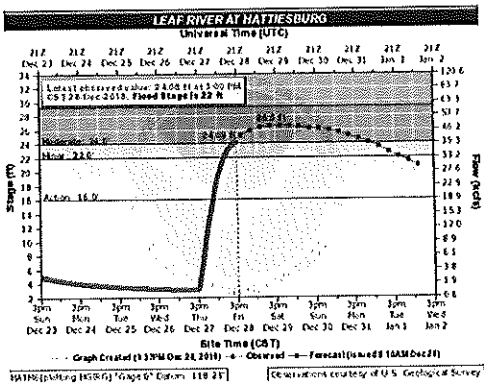
Please note, this flood event will be quick. We anticipate that the waters will rise quickly and fall just as quick. Please adhere to all cautions and warnings.

Moderate flooding is ongoing on the Leaf River at Hattiesburg. The report below is from the National Weather Service in Jackson.

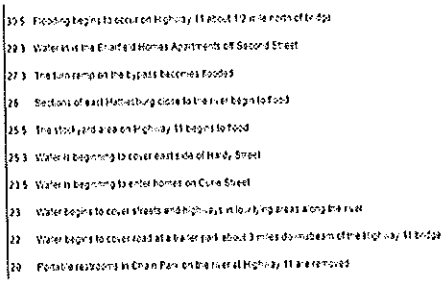
The river is currently at 24.08 ft and is expected to crest Saturday (December 29) at 26.5 ft.

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Leaf River Forecast from NWS



Leaf River Forecast from NWS

WEATHER UPDATE (12/28/18 | 9 AM):

After a very long night of flash flood warnings, all have ended. If you have sustained damage to your home or business, please call 601-544-5911 to make a report. This will help Forrest County Emergency Management compile a complete report to submit to MEMA.

Due to the continuous rainfall, the US National Weather Service Jackson Mississippi has issued a flood warning for the Leaf River and the Bouie Creek.

- Leaf River to experience moderate flooding.
- Bouie Creek to experience minor flooding.

We're also forecasted to receive more rain throughout the next several days. To assist with flooding, sandbags will be available at Fire Station #1 (810 North Main Street) and Forrest County Emergency Operations Center (4080 US Highway 11) beginning at Noon.

WEATHER UPDATE (12/28/18 | 6 AM):

All roads are back open.

You may still see cones out in a few places where water is still standing on the road. We advise that you continue to use caution during your morning commute.

WEATHER UPDATE (12/27/18 | 10 PM):

The latest update from National Weather Service of Jackson estimates 8+ inches (total) rainfall for our area. With the amount of rainfall received, river flooding is a possibility and a river flood warning has been posted:

The Leaf River in Hattiesburg is forecast to crest on Sunday, December 30 at 20.5 feet which is below flood stage.

Bouie Creek near Hattiesburg is forecast to experience minor flooding through Saturday, December 29.

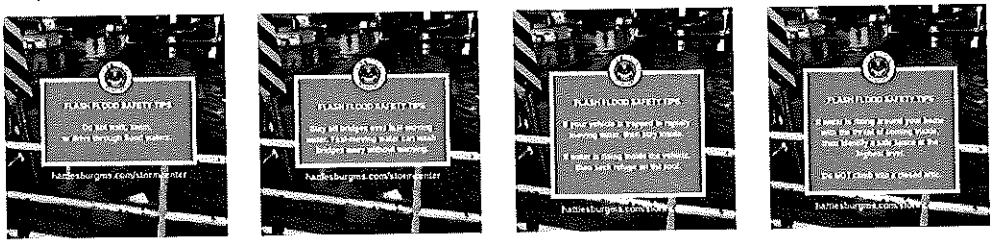
We'll continue to monitor with Forrest County Emergency Management District and post additional updates when necessary.

WEATHER UPDATE (12/27/18 | 8:45 PM):

The rain bands of this system will weaken & gain strength on & off throughout the night. Please follow these safety messages if water is rising around your home.

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UPDATE (12/27/18 | 7 PM):

Your phone may have gone off or you may have heard via the news that NWS Jackson upgraded the flash flood warning to a flash flood emergency based on the amount of road closures and continuous rainfall.

Reminders for staying safe in a flash flooding situation:

Do not walk, swim, or drive through flood waters.

Stay off bridges over fast-moving water. Fast-moving water can wash bridges away without warning.

If your vehicle is trapped in rapidly moving water, then stay inside. If water is rising inside the vehicle, then seek refuge on the roof.

If water is rising around your home with the threat of coming inside, then identify a safe space at the highest level. Do NOT climb into a closed attic.

UPDATE (12/27/18 | 6 PM):

Please continue to use extreme caution if you are on the road. If you're at home, stay put.

We'll continue to get more rain throughout the night and into early Friday morning. The latest from US National Weather Service Jackson Mississippiindicates that we may receive up to seven inches total from this event. When we say stay home, we really mean it. Please take care of you and your family by adhering to all warnings and cautions.

This thread has garnered the most shares, so we'll continue to edit it with updates as we receive them. Scroll to the bottom of this post for a running list of road closures and areas to avoid.

ROAD CLOSURES DUE TO FLOODING:

Lincoln Road at 34th Avenue is now closed.

40th Avenue from Hardy Street to Lincoln Road is now closed.

Providence Street is now closed with several stalled vehicles and rising water. HPD is currently on scene.

Highway 49 at West Pine is now shutdown due to water crossing the roadway.

West 7th Street is now closed from North Street to Main Street due to water crossing the roadway.

Highway 49 Northbound near 4th Street bridge is shutdown. !! 4:30 PM: This closure is NOW OPEN !!

Additional roads to avoid if possible due to water on roadways:

39th Avenue at Hardy Street (down to one lane)

16th Avenue at Hardy Street

7th Street at Hwy 49

West Pine Street to Timothy Lane

East Pine Street at Mobile Street

Broadway Drive at Hwy 49 (HPD units on scene to slow down traffic)

Hwy 49 at 4th Street (HPD units on scene to help with traffic)

Edwards Street (water is across the road in several places)

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Park Avenue

Weathersby Road at Turtle Creek Mall

Highway 49 at Old Hwy 42

West 7th Street at Main Street

South 40th Avenue at Mamie Street

West Pine Street between 2nd and 3rd Avenues

South 21st Avenue, approaching O'Ferral Street

Bay Street between Hall Avenue and Buschman Street

South 40th Avenue at Jamestown Road

Providence Street between 7th Street and 8th Street

North 25th Avenue at 7th Street

South 34th Avenue at W Adeline Street

East Hardy Street at Oak Street

West 7th Street at North Street

Lakeview Road

WEATHER UPDATE (12/27/18 | 3 PM):

US National Weather Service Jackson Mississippi has issued a flash flood warning, and our area is predicted to receive up to 2-4 inches:

Remember:
1. Exercise caution and patience.
2. Don't drive through standing water. Even if you *think* you can make it through.

And if you're already at home, stay put until the worst of this system is behind us (please).

WEATHER UPDATE (12/27/18 | Noon):

Not too much has changed for this afternoon's forecast by the US National Weather Service Jackson Mississippi, except for the shift in timing. Hattiesburg should see the heaviest of the storm between 3 p.m. and 10 p.m.

With it, comes heavy winds, possible tornadoes and an elevated risk for flash flooding. If you are traveling today, please use caution.

We'll continue to monitor and post updates accordingly here, on Twitter (Hattiesburg_MS) and on Facebook (CityofHattiesburg).

WEATHER UPDATE (12/27/18 | 8:15 AM):

Hey, Hattiesburg. We're in for a slight risk of severe weather today. This includes damaging winds with the possibility of tornadoes and an elevated risk for flash flooding.
If a tornado watch is issued, Forrest County will open the community shelter at 946 Sullivan Drive.

We'll continue to monitor the weather with Forrest County Emergency Management District and update as needed.

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ABOUT THE STORM CENTER

Due to its proximity to the Gulf Coast, the City of Hattiesburg is no stranger to natural disasters. Leading up to, during and after – the City str to provide concise and real-time updates to all citizens so that they may adequately prepare for what is to come and know where to go and wh do after a storm takes place. Often, we get questions about how the City will communicate and where information can be gathered. The City (Hattiesburg will use every method it can to communicate with those who live and work here to make sure they know what is happening and v they should be doing.

Should a disaster strike, methods for communication will include:

This Website (hattiesburgms.com/stormcenter)

Facebook (facebook.com/CityofHattiesburg)

Twitter (twitter.com/Hattiesburg_MS)

Local radio and television stations

Action Line (601-545-4500)

Emergency Alert System (learn more about HUB Alerts)

In the event that the above methods are unavailable, messages will be physically posted on public buildings or used via loud speakers on p cruisers or other city vehicles will be used to communicate with residents.

During major emergencies, City representatives will be staffed at the Forrest County's Emergency Operations Center.

EMPLOYEE COMMUNICATIONS

Communication among city employees is also critical when managing or responding to a disaster. The city will use any or all of the following methods to communicate with staff members at various city facilities and in the field. These include:

Cell phones

Email

Two-way radios

Emergency Alert System (learn more about HUB Alerts)

Quick Links

Home

Jobs

Mayor Toby Barker

Hattiesburg City Council

City Services

Residential

Business

Action Line

Public Notices

Get In Touch

Facebook

Twitter

YouTube

info@hattiesburgms.com

Action Line

E-Newsletter Archive

Sign Up for E-Newsletter

Upcoming Events

23Mar
Art & Design Annual Student Show

March 23 - April 8
Mike Lopinto

29Mar
HAC Drum Circle

March 29 @ 6:00 pm - 7:00 pm
Hattiesburg Arts Council

29Mar
Faculty Artists Series presents Duo Cintemani

March 29 @ 8:00 pm
Mike Lopinto

View More...

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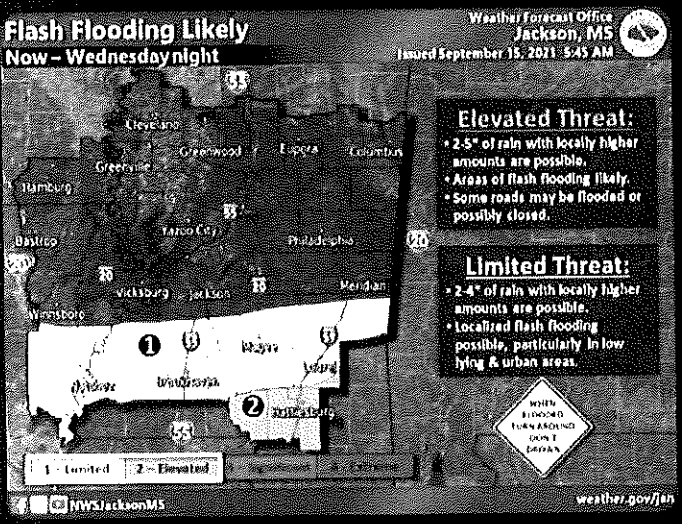
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City of Hattiesburg
@Hattiesburg_MS

Hattiesburg - flash flooding is likely through tonight due to Tropical Depression Nicholas moving through.

Please drive with caution.
Don't drive through standing water.
Obey all barricades, traffic signals and first responders in areas prone to flood.



7:15 AM · Sep 15, 2021 · Twitter for iPhone

1 Retweet 2 Likes

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What's happening

War in Ukraine · LIVE
Russia says it will cut back military operations near Kyiv during peace talks

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Politics · Trending
#7hourgap

Trending in United States
Kellyanne Trump
4,871 Tweets

COVID-19 · LIVE
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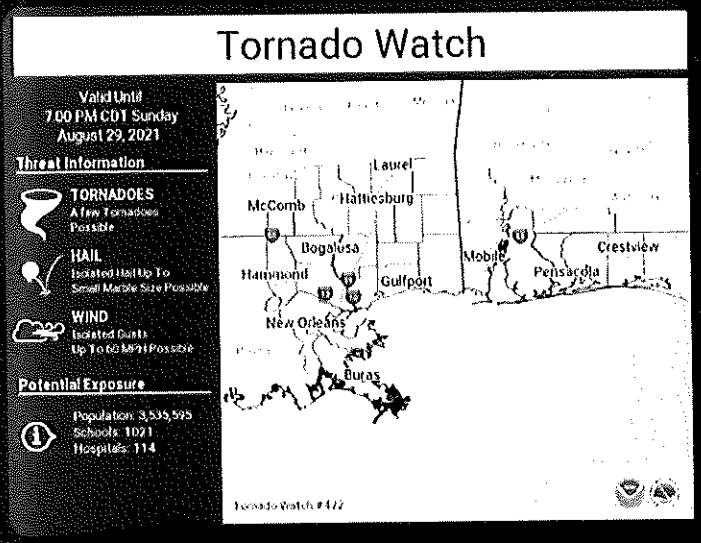
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Thread

City of Hattiesburg
@Hattiesburg_MS

Weather Update: August 29, 2021 | 6 a.m. (2/9)

Forrest County is currently under a:
Tropical Storm Warning
Flash Flood Watch
Tornado Watch until 7 p.m.



6:50 AM · Aug 29, 2021 · Twitter Web App

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What's happening

Russia says it will cut back military operations near Kyiv during peace talks

#WeCrashed
Watch exclusively on Apple TV+
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POPSUGAR · [redacted]
These Couples Understood the Assignment at the Vanity Fair Oscars Party

Telegraph Film · [redacted]
Why Will Smith snapped

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#AMCSTOCK
[redacted]

Show more

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City of Hattiesburg-Government
February 11, 2021 ·

WEATHER UPDATE | Feb. 11, 9:30 a.m.

The US National Weather Service Jackson Mississippi has issued a Flash Flood warning for Forrest and Lamar Counties until 12:45 p.m.

Heavy rain will continue today, and severe weather in some places may occur.

Please be mindful when you're on the road. Please also have a way to be alerted should you need to take cover.

We'll continue to monitor with Forrest County Emergency Management, and bring you updates as necessary.

34 13 Shares

Like Comment Share

320 MI

City of Hattiesburg-Government
March 23, 2021 ·

WEATHER UPDATE | March 23, 2021:

Hattiesburg, we're in for steady rain across the next 48hours, and Forrest County is under a Flash Flood Watch.

Please be mindful of any streets holding water and please obey any barricades that might be out. Driving through standing water is never a good idea and the barricades are placed to protect you from getting stranded.

Please also remember to keep your lights on during your commute, and keep enough space between you and the vehicle in front of you.

We're under a threat for severe weather between tonight and Thursday, March 24. We'll continue to monitor the forecast as it evolves and post any necessary updates here.

As always - it's never too early to plan. Make sure you have a conversation with your family/friends/housemates about your emergency plan should you need it.



23 1 Comment 29 Shares

Like Comment Share

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City of Hattiesburg-Government
May 4, 2021

During severe weather moments, we often get questions about telling the difference between a watch and a warning. So, we thought we'd use #tacotuesday to help us out.

TACO WATCH: All the ingredients are available to make tacos.
TACO WARNING: Tacos are happening.

How does that translate to weather?

WEATHER WATCH: These are issued when the environment's weather conditions include all necessary variables for a severe weather event to occur - from flash flood and tornado to hurricane.
WATCH ACTIONS: Be prepared. Have a safe space. Know your emergency plan.

WEATHER WARNING: The weather event has been spotted and is taking place.
WARNING ACTIONS: Take cover, you may be using your emergency plan.

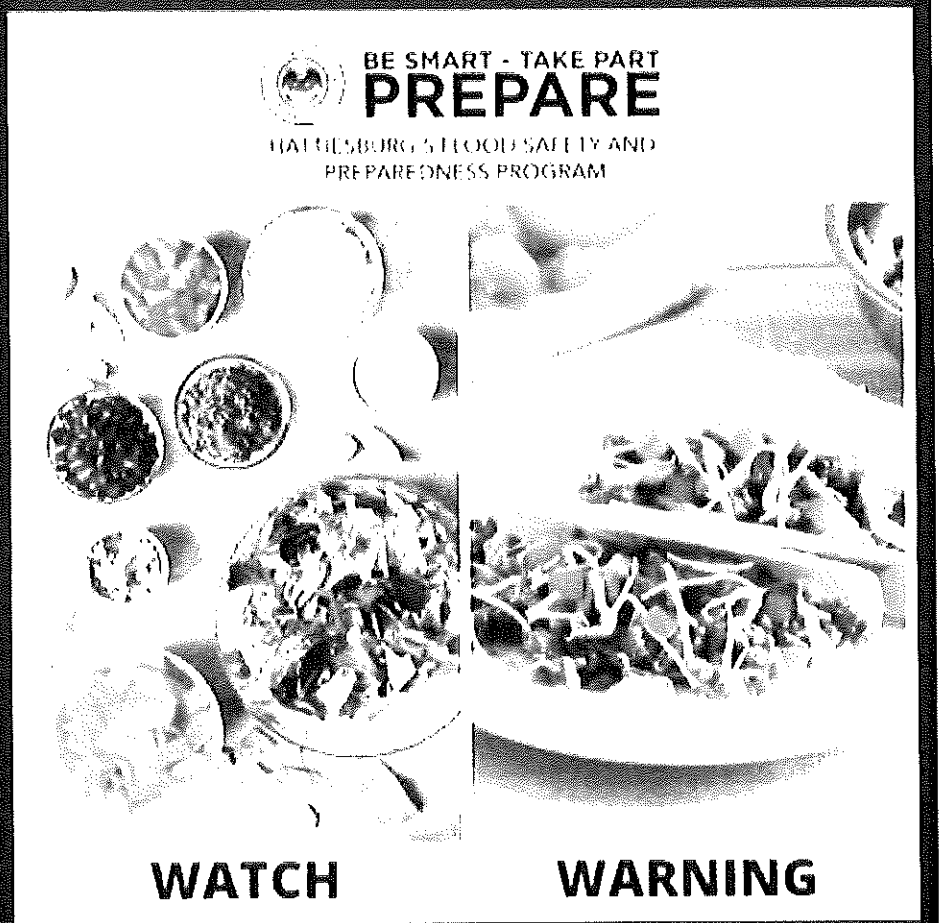
While silly at first glance, it is important to understand the difference and we hope this helps!

Today, the forecast includes an enhanced risk for severe weather for the 4 p.m. - 7 p.m. timeframe. The US National Weather Service Jackson Mississippi may issue several watches and warnings, today.

Know the difference.
Have a plan.
Be prepared to take cover if necessary.

We'll share any necessary updates as they are shared with us.

#mswx #besmarttakepart #prepare



Ginger Maddox Lowrey, Betsy Mercier and 182 others

18 Comments 145 Shares

320

City of Hattiesburg-Government
August 29, 2021 ·

Weather Update: August 29, 2021 | 6 a.m.

Hattiesburg – this update is lengthy, but it is important.

Hurricane Ida is currently a Category 4. Its track remains consistent without much change, as do the impacts for the Pine Belt.

Forrest County is currently under a:
Tropical Storm Warning
Flash Flood Watch
Tornado Watch until 7 p.m.

Impacts:
- 4-8 inches of rain, up to 12 inches possible locally.
- Flash flooding, closing some roads due to such. Some structures may also take on water.
- 45-65 mph winds.
- Widespread downed trees and power lines.
- Some damage to roofs and homes.
- Power and communication outages likely.

Here's what you need to know/do:
- We'll begin to see storm bands as early as 1 p.m.
- Make sure you have a safe place to shelter should you need it.
- The 361 Shelter at 946 Sullivan Drive will open at Noon.
- Sandbags and masks are still available at Forrest County EOC (4080 US Hwy 11). They will open at 8 a.m. and remain so through the weather event. Sandbags are also available at Hattiesburg Fire Station #1 (810 North Main St) and Petal Fire Station #1 (104 Fairchild Dr).
- Charge your devices with back-up options.
- Have basics for your emergency kit: first aid kit, water and food, flashlights, a weather radio and spare batteries.

Hattiesburg, please spend this morning preparing for what will be a long 24-36 hours with heavy rain, wind and possible tornadoes.

Be prepared for power and communications to be spotty or out completely for periods of time.

If you are not currently signed up for Hub Alerts, please do so now. Text HBURG to 888-777 or visit hattiesburgms.com/hubalerts. You won't get duplicate weather alerts, but it will allow us to communicate important information to you beyond a storm.

After you make your own preparations, please check on a neighbor - especially those who may be elderly or without access to information.

Again – Charge your devices. Check on your neighbors. Stay weather aware. We'll continue to share updates with you as needed.

320

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City of Hattiesburg-Government

Page · City

HATTIESBURG, CITY OF
is responsible for this Page

Hattiesburg, MS, United States, Mississippi

(601) 545-4500

info@hattiesburgms.com

hattiesburgms.com

Photos See all photos



Like Reply 30w

City of Hattiesburg-Government
August 30, 2021 ·

Weather Update: August 30 | 7 AM

The following roadways are blocked or covered due to standing water.

Flooded roadways:
- North 28th Ave & Simms Road
- West Pine Street & Hwy 49 (northbound)
- Main Street & Front Street
- West 7th Street & Service at Highway 49
- Grace Avenue
- WSF Tatum (multiple places)
- 40th Avenue and Mamie Street
- 27th Avenue and O'Ferral

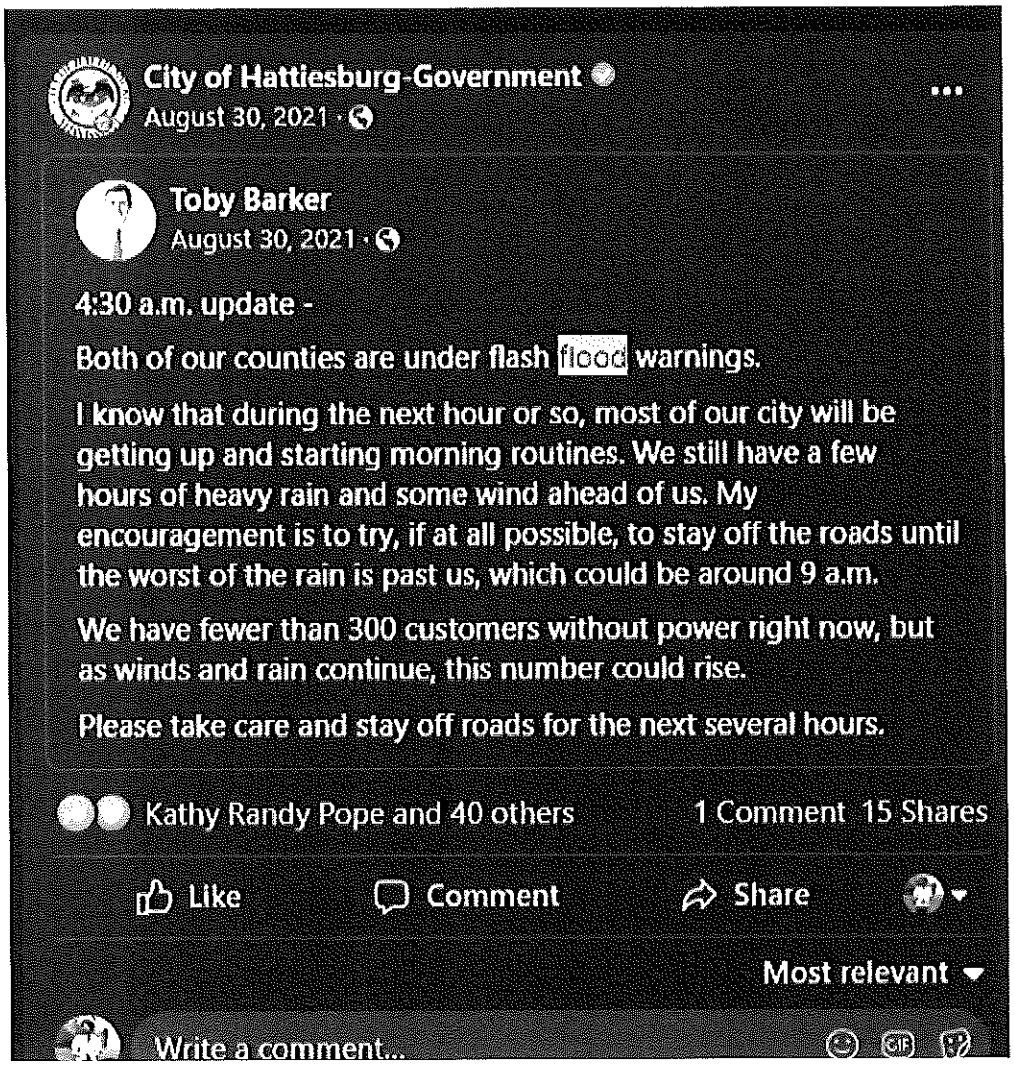
The following traffic lights are out due to power. Officers are on scene.
- Hardy Street and Weathersby Road
- Fairfield Drive

UPDATE (8:30AM) Power for lights has been restored.

100 23 Comments 363 Shares

Like Comment Share

320


City of Hattiesburg-Government
August 30, 2021 ·
Toby Barker
August 30, 2021 ·
4:30 a.m. update -
Both of our counties are under flash flood warnings.
I know that during the next hour or so, most of our city will be getting up and starting morning routines. We still have a few hours of heavy rain and some wind ahead of us. My encouragement is to try, if at all possible, to stay off the roads until the worst of the rain is past us, which could be around 9 a.m.
We have fewer than 300 customers without power right now, but as winds and rain continue, this number could rise.
Please take care and stay off roads for the next several hours.
Kathy Randy Pope and 40 others
1 Comment 15 Shares
Like
Comment
Share
Most relevant
Write a comment...

320

360 PPA/PPV Recertification

Annual mailers which are typically sent out and address 360 PPA/PPV in the final quarter of the year were impacted and delayed due to staffing shortages. City experienced significant staffing shortages including resignation of 2 key staff and maternity and paternity leave from 2 additional staff, key and support. The City has immediate plans to mail out both the Flood Safety Brochure to residents.

The PPA/PPV service was advertised in the enclosed Flood Safety Brochure as noted. This brochure is available in City Hall and is available at any public outreach. Additionally, three Pre-Application meeting notes with flood zone businesses have been provided for examples. The Pre-Application template has also been provided for reference.

FLOOD SAFETY PRECAUTIONS & DAMAGE MITIGATION

After warnings are issued, it's important to know how to take necessary precautions. These include:

- Plan a safe escape route to higher ground.
- Stay away from the banks of ditches or streams which may be unstable.
- Do not attempt to cross a flooded stream, street or sidewalk on foot or by car (strong currents or deep water may not be evident on the surface).
- Do not attempt to go outside or drive during a flash flood. Sight-seeing by foot, motor vehicle or 4-wheelers is dangerous.
- STAY INSIDE. More lives are lost due to flash flooding than any other type flooding.

To mitigate damage to the home during a flood event, these emergency measures can be taken:

- Turn off your electricity by tripping the circuit breakers or removing fuses.
- Turn off natural gas connections.
- Move cardboard and newspapers to high ground. Otherwise, they may disintegrate and/or clog drains when the flood waters recede.
- Remove wood drawers from built-ins (cabinets, etc.) and furniture. The wood can swell when wet and damage the unit.
- When appropriate, appliances such as dishwashers, washing machines and horizontal freezers, should be filled with clean water.
- IF a qualified structural engineer has determined your structure can withstand the anticipated flood water depths, seal off all water entry points. Otherwise, let the flood water in by allowing all doors (inside and out) and windows to remain open when you expect flood waters to rise above table height on the first floor.
- Sandbag entryways to prevent water from entering structure due to traffic driving through flooded streets.
- Avoid backflow of sewer lines by closing off all sewer line entries into the house. If this is a somewhat regular occurrence during heavy rains,



TO LOCATE MAPS AND ADDITIONAL RESOURCES ABOUT FLOOD ZONES, VISIT HATTIESBURGMS.COM

FLOOD SAFETY CONTINUED

you may consider installing a backflow prevention device on your sewer line. If you have a backflow prevention valve, be sure it is properly maintained.

- Disconnect the electrical supply of heavy, unmovable appliances. All appliances must be disconnected prior to reestablishing electrical service. Getting around debris or wreckage to get to electrical outlets after a flood may be difficult and/or dangerous.
- Do not place or build solid fences or other obstructions that would impede water flow. The Building Official or Floodplain Manager can make site visits to advise property owners of the appropriate protection procedures, can review and critique retrofitting plans for feasibility, and provide other site-specific flood and flood-related data, such as floor elevations, data on historical flooding and other information that relates a flood threat to a specific neighborhood or property.

FEMA

NATIONAL FLOOD INSURANCE PROGRAM

MYTH: I can purchase flood insurance at any time.
FACT: Once a hurricane watch is in effect, you cannot purchase flood insurance.

MYTH: I am a renter or my property doesn't reside in the Special Flood Hazard area, I don't need flood insurance.
FACT: Repetitive loss areas may be more subject to flood damage, but a severe weather system can have an impact on any location. Flood insurance can help protect your home and personal property.

MYTH: I have homeowner's insurance, I'm covered.
FACT: Flood insurance is not covered in traditional homeowner policies.

National Flood Insurance Program (NFIP) policies can be purchased through thousands of insurance agents nationwide. The agent who helps you with your homeowners or renters insurance may also be able to help you with purchasing flood insurance.

CITY OF HATTIESBURG
PO BOX 1909
HATTIESBURG, MS 39403-1898

PRSRT STD
U.S. POSTAGE
PAID
PERMIT #4
HATTIESBURG, MS

BE SMART - TAKE PART

PREPARE

HATTIESBURG'S FLOOD SAFETY & PREPAREDNESS PROGRAM

A GUIDE TO FLOOD DAMAGE: PREVENTION & REDUCTION FOR PROPERTY OWNERS AND/OR RESIDENTS

CITY OF HATTIESBURG * MISSISSIPPI * 1884

DEPARTMENT OF URBAN DEVELOPMENT
PO BOX 1898
HATTIESBURG, MISSISSIPPI 39403
601-545-4599 OR 601-545-4594
HATTIESBURGMS.COM



Dear resident and/or property owner,

You are receiving this brochure because your property is in an area that has potential for flooding. Our community is concerned about repetitive flooding and we are working diligently to provide you with resources that will help protect yourself and your property from future flooding.

In this brochure, you will find information and resources that will help you to know your risk risk understand about flood insurance, how to prepare for and protect your property, floodplain development and proper drainage maintenance.

Through active engagement and awareness initiatives, it is our role to provide you with the information you need to make decisions that will protect you, your family and your home.

Should you have additional questions, please reach out to our Planning Division in Urban Development at 601-545-4599 or my office at 601-545-4501.

All my best,

MAYOR - CITY OF HATTIESBURG

FLOODING IS THE MOST COMMON AND COSTLY DISASTER IN THE UNITED STATES AND CAN HAPPEN ANYWHERE.

However, there are many ways to reduce your home's risk of flooding. Annually, we mail out this brochure to provide flood safety information and requirements for development within designated flood areas to all property owners and residents in the City of Hattiesburg.

This guide briefly describes the actions you can take yourself or with minor assistance from others to prepare for flood events. As you begin to think about which might be the best for you and your home, you should consider insuring your property, knowing your risk and reducing your risk.

KNOW YOUR RISK

It can rain anywhere, which means it can flood anywhere. Because of this, it's important to know about your property's flood zone and history. You can learn more about the details of your property's level of risk or if it is located in a Special Flood Hazard Area (SFHA) by visiting hattiesburgms.com/floodsafety or by calling the Planning Division at 601-545-4599. You can also reach out to the Planning and Land Code divisions located at City Hall to acquire reference materials, elevation certificates and other floodplain information

HATTIESBURG'S FLOOD HAZARD

The flood hazard in Hattiesburg comes primarily from the Leaf River and its tributary creeks. April 6, 1983, was the last flood involving major river flooding with a river stage of 29.19 ft, and it resulted in more than $32 million dollars in damage.

Some areas experience local flooding not directly associated with a river or creek. These events stem from rapid-onset flooding known as a flash flood. Occurring quickly, these events come with little or no warning. With the capability to tear out trees, destroy buildings and wash out bridges and roads, Hattiesburg often experiences damage due to this type of flooding. After an intense rainfall, flood waters can rise at a rate of two to three feet per hour reaching maximum stage in two

FLOOD & SEVERE WEATHER WARNINGS

The Forrest County Emergency Management District receives readings twice a day from the National Weather Service for river flooding. The District also maintains their own gauges on the Leaf River and Gordon's Creek which are read daily. In the event of severe weather capable of producing flash flooding or river flooding, the District will notify all local television and radio stations, local schools, government offices, etc

The City of Hattiesburg works closely with the District during severe weather systems to communicate weather-related notices to residents through news media, social media, hattiesburgms.com and through its community alert system: Hub Alerts.



To opt in for alerts, visit hattiesburgms.com/hubalerts or text **HBURG** to **888777**.

INSURE YOUR PROPERTY

As a homeowner or renter, it's important to purchase flood insurance. Flood damage isn't covered by standard homeowners insurance policies, and just a few inches of floodwater can end up costing thousands of dollars in repairs. Even if your home is in a low- or moderate-risk flood zone, purchasing a flood insurance policy provides you with financial protection from a flood event.

The City of Hattiesburg operates several ordinances designed to minimize the severity of future flood damages. By doing so, relatively low-cost flood insurance is made available through the National

> ! You do not have to live in a flood zone to purchase flood insurance policies.

REDUCE YOUR RISK

Deciding how to prepare your family and to protect your home from flooding is a crucial part of reducing your overall flood damage risk. Many buildings can be protected against flooding by retrofitting the property. Retrofitting is the process of changing an existing structure in some manner. It includes techniques such as waterproofing walls and doors (used where flood elevations on the structure can withstand the pressure exerted by the water), adding waterproof fences (usually brick or concrete) with sealing gates and elevating the building above flood levels. Below are guides for development in a flood zone, regulations regarding improvements made to homes and drainage system maintenance.

FLOODPLAIN DEVELOPMENT

To help limit the severity of floods and resulting damages, a building permit must first be obtained before development takes place so that the proposed work is checked for compliance with the City's flood damage prevention ordinance. This ordinance is designed to reduce property loss during a flood event; therefore, development within the floodplain is closely controlled.

> "Development" means "any man-made change to improved or unimproved real estate, including but not limited to buildings or other structures (including fences), mining, dredging, filling, grading, paving (including driveways), excavating, drilling opera-tions, or permanent storage of materials.

Before carrying out any type of development, please check with the floodplain manager/CRS coordinator, as well as obtain applicable permits.

SUBSTANTIAL IMPROVEMENT REGULATIONS

The City of Hattiesburg has flood damage prevention regulations that may affect how you remodel, renovate or added to your building. If your home is within a Special Flood Hazard Area, then the "cumulative substantial improvement" rule may apply.

> "Cumulative sub-stantial improvement" means any reconstruction, rehabilitation, addition or other improvement to a structure totaling 50% of the fair market value of the structure during a 5 year period.

Should the amount of work reach or exceed 50%, then the entire structure must be brought into compliance with Hattiesburg's flood damage prevention regulations. Substantially damaged structures, due to fire or any other reason, must be brought up to the same standards if the cost of repairs equals or exceeds 50% of the structure's value before it was damaged and must be elevated

DRAINAGE SYSTEM MAINTENANCE & PROHIBITING STREAM DUMPING

Another component of flood management is for the proper maintenance of drainage ways. The city assumes responsibility for drainage ways on city property.

Individual property owners are responsible for maintaining the drainage systems on their property as well as the free flow of water within the Special Flood Hazard Area. Property owners should not erect solid fences near drainage ditches that would prohibit water flow, and they should regularly check for and remove accumulated debris or man-made obstructions. Improper maintenance should be reported to the city's Action Line at 601-545-4500.

It is unlawful for any person to throw, deposit, empty, drain or run into any creek or tributary, their margins, slopes or banks, any garbage, rubbish, refuse of any kind. It is also unlawful for any person to build any structure (including fences or walking bridges) over any creek, tributary, or any part thereof without first obtaining a permit.

FOR TECHNICAL ASSISTANCE

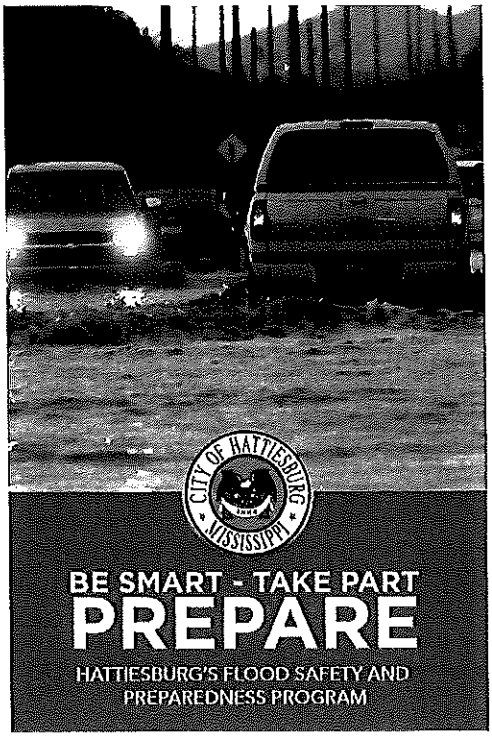
A representative from the city can make site visits to review flooding, drainage and sewer problems. A certified building official is also on staff to provide advice on the elevation of a structure and flood proofing. Call the Action Center at 601-545-4500 to request a visit.

360 PPA/PPV

360/PPA/PPV
320 MI

FLOODPLAIN MANAGEMENT

Residential
Making Renovations
Planning Commission
Board of Adjustment
Historic Conservation Commission
Floodplain Management
Drainage Maintenance & Stormwater
FEMA (1970 – 2010) Flood Hazard Maps and Flood Insurance Studies
Flooding Questionnaire
Neighborhood Associations



With 46,377 residents, the City of Hattie: is home to roughly 25 percent of propert is located within a special flood hazard a (SFHA). The vast majority of homes and businesses within this area are older, low lying and built prior to the FEMA flood designations; however, many of these properties have been elevated due to reconstruction that came after devastatin tornadoes in 2013 and 2016.

Additionally, several areas outside of the SFHA also pose a concern, as they are su to flash flooding during intense rainfall. Because of these factors, it's important tl homeowners and renters know the potent damage flooding can bring and how they prepare for such.

The resources found on this page and in Online Storm Center will provide reside with everything needed to prepare for an respond to a natural disaster like floodin

CONTACT INFORMATION

Main Office, City Hall
200 Forrest Street
1st and 2nd Floor
601-545-4609

Flood Ordinance (updated September 2021)

FloodSmart.Gov

NOTE: The FEMA.gov website is undergoing an upgrade—links to content there may temporarily be broken.

FEMA FLOOD MAP – UPDATED JULY 2020

Code Enforcement
601-554-1027

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Building
601-554-1003

Neighborhood Coordinator
601-545-1962

FLOOD PROTECTION LIBRARY

NOTE: The FEMA.gov website is undergoing an upgrade—links to content there may temporarily be broken.

FEMA NFIP Public Awareness Materials for Insurance Agents, Realtors and Lenders "Before, During and After the Flood"

FEMA P-347, Above the Flood: Elevating Your Floodprone House (2000)

Answers to Questions about the National Flood Insurance Program

FEMA P-55, Coastal Construction Manual: Principles and Practices of Planning, Siting, Designing, Constructing, and Maintaining Residential Buildings in Coastal Areas (4th ed.)

FEMA 54, Elevated Residential Structures (1984)

Mandatory Purchase of Flood Insurance Guidelines

FEMA P-85, Protecting Manufactured Homes from Floods and Other Hazards (2009)

FEMA 257, Mitigation of Flood and Erosion Damage to Residential Buildings in Coastal Areas (1994)

FEMA 348, Protecting Building Utilities from Flood Damage (1999)

FEMA – Protect Your Property

FEMA – Protecting Your Home or Small Business from Disaster

FEMA – Protecting Yourself Through Mitigation

Protecting Floodplain Resources – A Guidebook for Communities

Reducing Damage from Localized Flooding: A Guide for Communities

Coastal Construction Manual Brochure

Browse 6,075 FEMA Document and Manuals

Cleaning Up Your Home After A Flood

FEMA High Water Mark Initiative

Click Here for Full Page Viewing

FLOODPLAIN MANAGEMENT PLAN

The purpose of the Floodplain Management Plan is to protect the residents of the City by lowering the risks and reducing the effects of disasters on property owners and critical faci by identifying and implementing mitigation strategies that will reduce or prevent catastropl damages, casualties, physical and/or financial losses.

Floodplain Management Plan

2020 Annual Floodplain Management Plan Evaluation

PROGRAM FOR PUBLIC INFORMATION AND CAPITAL IMPROVEMENT PLA

To reduce insurance cost to the residents in a more substantial way, and to reach more prop owners through a more aggressive outreach program, the City has now formed the Progran Public Information (PPI). This PPI formation will also assist the City in actively pursuing a Class reduction, which would provide our citizens a larger discount on flood insurance premiums.

Program for Public Information and Capital Improvement Plan

2020 Program for Public Information and Capital Improvement Plan Evaluation

FLOOD HAZARD IN HATTIESBURG

The flood hazard in Hattiesburg comes primarily from The Leaf River and its tributary Cre including: Gordon, Mixon, Burkett and Priest, which are within the Pascagoula River Basi

Some areas experience local flooding not directly associated with a river or creek. Floods Hattiesburg are of relatively short duration. After intense rainfall, floodwaters can rise at a of two to three feet per hour reaching a maximum stage in two hours (or less). Floodwater some areas of the city can attain substantial velocities. April 6, 1983 was the last flood involving major river flooding with a river stage of 29.19 ft, and over 32 million dollars in damage. The latest flash floods were in the Mixon Creek basin area in January and March with rainfall characteristics that may have been in the range of the 500-year and 100-year frequencies, respectively.

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Critical Habitat Mapper

Flood Insurance Residential Coverage

SLOSH – Sea, Lake, and Overland Surges from Hurricanes

Mississippi State Flood Information:

MEMA flood preparation information.

Lower Mississippi river forecast center via NOAA.

Prepare Your Evacuation Route – MDOT on Hurricane Prep (YouTube Video)

NOAA facilities and programs in Mississippi. (.pdf)

2015 Hurricane Evacuation Guide and Map (.pdf)

FIND MY FLOOD ZONE

For technical assistance:

360 PP.A/PPV

If needed, a representative from the City can make site visits to your home or property review flooding, drainage and sewer problems. Additionally, a Certified Building Offi is currently on staff to provide advice on the retrofitting of flood-prone structures (suc elevation of the structure and flood proofing). You can contact the Action Center at 6(545-4599 to request a visit.

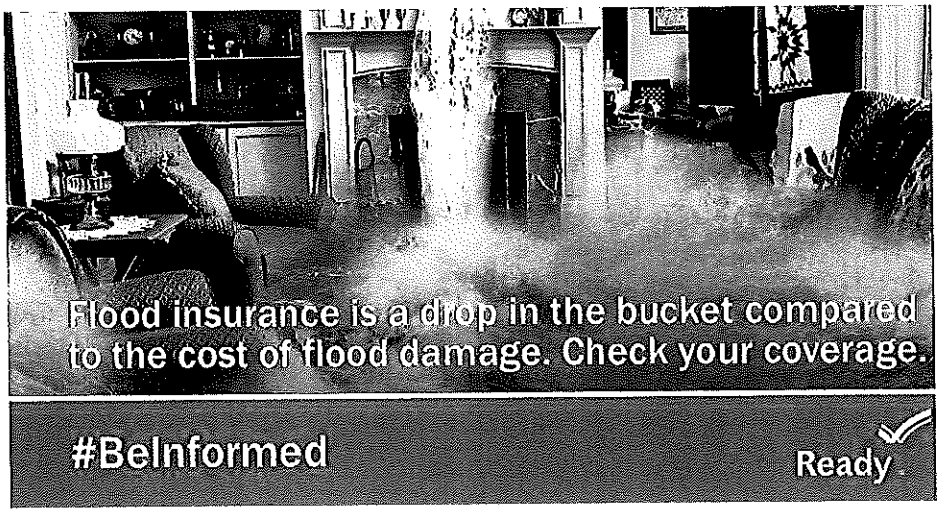
FLOOD WARNING SYSTEM

The Emergency Management District receives readings twice a day from the Jackson Weat Service for river flooding. The District also maintains their own gauges on the Leaf River Gordon's Creek, which are read daily. The Emergency Management District also monitors National Weather Service data network, via a computerized satellite receiver system, on a 2 hour / 7 day basis. In the event of an actual flood, the Emergency Management District wi immediately notify all local television and radio stations, local schools, government offices

Forrest County Comprehensive Emergency Management Plan

FLOOD INSURANCE

The City of Hattiesburg has enacted and enforces ordinances designed to minimize the sev of future flood damages. By doing so, relatively low-cost flood insurance is made availabl from the Federal government through licensed property insurance agents. This insurance n be obtained to cover future flood-related losses to most structures and their contents. **THIS IMPORTANT BECAUSE FLOOD DAMAGE IS NOT COVERED BY NORMAL HOMEOWNERS' INSURANCE.** The City of Hattiesburg is a member of the National F Insurance Program's Community Rating System, a voluntary incentive program that recogi and encourages community floodplain management activities that exceed the minimum NF requirements. As a result, flood insurance premium rates are discounted to reflect the reduc flood risk resulting from the community actions meeting the three goals of the CRS: 1) Rec flood losses; 2) Facilitate accurate insurance rating, and 3) Promote the awareness of flood insurance.



To check your individual flood hazard, floodplain maps and reference materials are available in the Land Code Department, on the first floor of City Hall, and are also

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For more information regarding flood insurance, please visit the National Flood Insurance Program's website.

NFIP Public Awareness Materials for Insurance Agents, Realtors and Lenders – "Be During & After the Flood"

SUBSTANTIAL IMPROVEMENT REGULATIONS

The City of Hattiesburg has flood damage prevention regulations that may affect how you remodel, renovate, or add on to your building. If your home is below the 100-year flood elevation, then the "cumulative substantial improvement" rule applies. "Cumulative substa improvement" means any reconstruction, rehabilitation, addition, or other improvements tc structure totaling 50% of the fair market value of the structure during a 5-year period. Sho the amount of work reach or exceed 50%, then the entire structure must be brought into compliance with Hattiesburg's flood damage prevention regulations. Substantially damage structures, due to fire or any other reason, must be brought up to the same standards if the c of repairs equals or exceeds 50% of the structure's value before it was damaged and must b elevated above the base flood elevation.

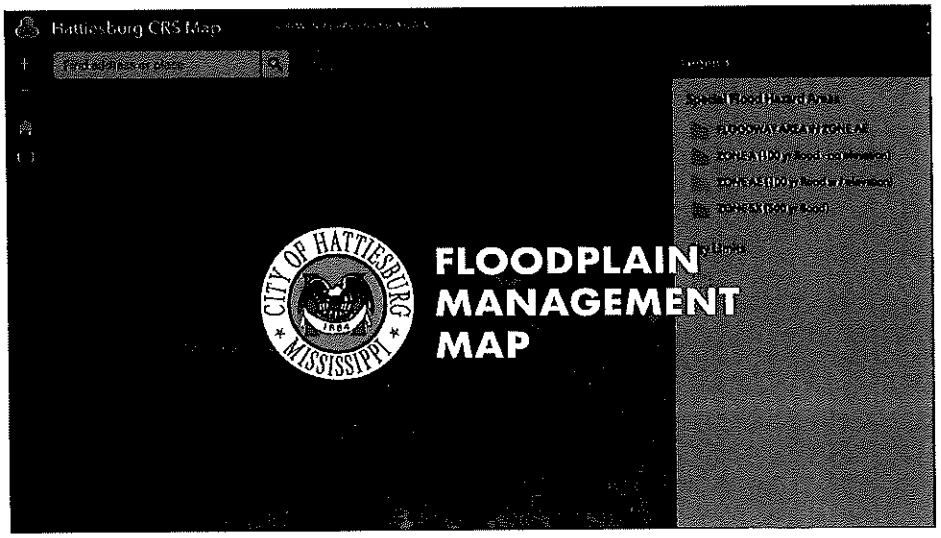
Floodplain Ordinance

For more information regarding retrofitting existing structures, please visit the follow FEMA resources, http://www.fema.gov/library/.

FLOODPLAIN DEVELOPMENT

"Development" means "any man-made change to improved or unimproved real estate, including, but not limited to, buildings or other structures, mining, dredging, tilling, gradin paving, excavating, drilling operations, or permanent storage of materials."

You should always check with the City Building Official before carrying out any of these t of work, or if you suspect work is being done that has not been permitted by the City. See below for a map of the City's floodways and zones. Also available for historical informatio a list of FEMA (1970 – 2010) Flood Hazard Maps and Flood Insurance Studies.



To help limit the severity of floods and resulting damages, a Building Permit must first be

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within the floodplain is closely controlled, and is prohibited if any increase in the flood haz results.

Quick Links

- Home
- Jobs
- Mayor Toby Barker
- Hattiesburg City Council
- City Services
- Residential
- Business
- Action Line
- Public Notices

Get In Touch

- Facebook
- Twitter
- YouTube
- info@hattiesburgms.com
- Action Line
- E-Newsletter Archive
- Sign Up for E-Newsletter

Upcoming Events

23Mar
Art & Design Annual Student Show

March 23 - April 8
Mike Lopinto

29Mar
HAC Drum Circle

March 29 @ 6:00 pm - 7:00 pm
Hattiesburg Arts Council

29Mar
Faculty Artists Series presents Duo Cintemani

March 29 @ 8:00 pm
Mike Lopinto

View More…

City of Hattiesburg © 2018

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Pre-Application Meeting Process

City of Hattiesburg Planning Department
200 Forrest Street
Hattiesburg, MS 39401
Phone: 601-545-4599
Fax: 601-545-1962

PURPOSE

Prior to applying for a Site Plan Review, a Pre-Application meeting is required. During this meeting the applicant will describe and present their project, views and ideas being considered. Thereafter, the planning staff will advise further action for a Site Plan Review process submittal.

The Pre-Application Committee assesses the proposed project and helps identify any issues and helps the applicant in putting together a complete application thus streamlining the application process and avoiding delays.

SCHEDULE A MEETING

Step 1: Fill out Pre-Application form. Provide a project narrative briefly describing the proposed uses.

Step 2: Bring a detailed concept plan drawn to scale. Plans are to be a minimum of 11" x 17". The drawing must include the following:

- ❑ All adjacent streets with names
- ❑ Property Dimensions (County parcel map)
- ❑ Site Acreage
- ❑ Existing and Proposed Structures (Footprint and square footage)
- ❑ Existing and Proposed Parking areas
- ❑ Existing and Proposed utilities/easements required
- ❑ Proposed Structure Square Footage
- ❑ Subdividing of property

Step 3: The Pre-Application form and concept plan should be submitted by Thursday, 12 noon to be on the following week's meeting list. A member of the planning staff will contact applicants to confirm the pre-application meeting date and time.

WHAT TO EXPECT FROM THE PRE-APPLICATION MEETING

The applicant will describe their project during the pre-application meeting to the planning staff. The staff will review and provide comments during the meeting. Questions to the staff for clarification are highly encouraged during this time.

Pre-Application Form

City of Hattiesburg Planning Department
200 Forrest Street
Hattiesburg, MS 39401
Phone: 601-545-4599
Fax: 601-545-1962

A pre-application submittal must contain a completed Pre-Application form and a concept plan drawn to scale. Return the form to the Planning Department by Thursday 12 noon. A member of the planning staff will contact applicants to confirm the pre-application meeting date and time. For further information, please contact:

Planning Office Manager
601-545-4599 or email: planning@hattiesburgms.com.

Today's Date: _____
Project Name: _____
Proposed Use: _____
Project Street Address: _____
_____
PPIN Number: _____ Parcel Number: _____
Flood Zone: _____ Historic District: _____
Zoning District(s): _____ Ward: _____
Proposed Cost of the Project: _____

Project Representative Information

Project Representative and Title: _____
_____
Company Name: _____
Phone: _____ Fax: _____
Email: _____
Mailing Address: _____
_____

Property Owner Name: _____
Phone: _____ Fax: _____
Email: _____
Mailing Address: _____
_____

Provide project narrative fully explaining the proposed project:

320MI
360PPA/PPV

Department of Urban Development

TO WHOM IT MAY CONCERN:

The property located at: 30 Augusta Ct West also known as PPIN Number 31380 has been located on our Flood Insurance Rate Map (FIRM). The following information is provided:

Hattiesburg's Community NFIP number is 280053

The properties are located in that portion of the City in Forrest County _____ or Lamar County X

The properties are located on panel number: 0085D of 300 on Map Number: 28035C

The date of the FIRM index: 03/02/2010

The properties are located in FIRM zone: X

A portion of the property:

_____ is located within a Special Flood Hazard Area (100 year area, known as an "A" or "AE" Zone). The base flood elevation at the property is approximately __NGVD. Federal law requires that a flood insurance policy be obtained as a condition of a federally backed mortgage or loan that is secured by a building located in a Special Flood Hazard Area. It is up to the lender to determine whether flood insurance is required for this property. Flood insurance is available in Hattiesburg; ask your insurance agent or company about the National Flood Insurance Program. YOUR HOMEOWNER'S INSURANCE DOES NOT COVER FLOODING.

X is not located in a Special Flood Hazard Area. However, the property may still be subject to local drainage problems or other unmapped flood hazard. Flood insurance is available and may be obtained at non-floodplain rates. Ask your insurance agent or company about the National Flood Insurance Program. YOUR HOMEOWNER'S INSURANCE DOES NOT COVER FLOODING. A flood insurance policy may be required by a lender.

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Flood insurance from the NFIP is available for any property in this city. More information on flood insurance is attached. This office has copies of FEMA Elevation Certificates for all buildings constructed in the SFHA since 1990. Questions about this letter or about the City's floodplain management program are welcome at this office by calling 601-545-4599.

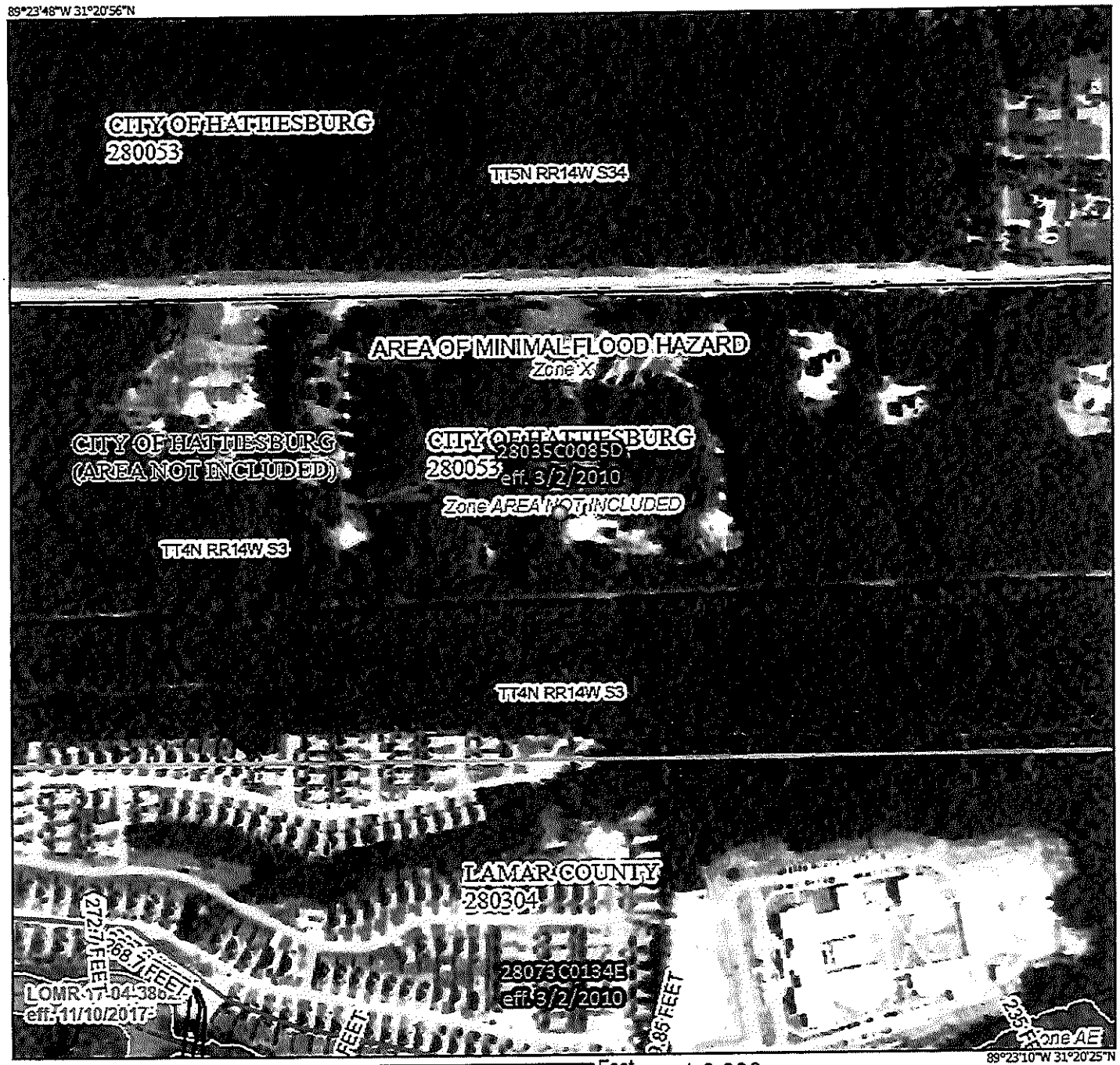
NOTE: This information is based on the FIRM for this community. This letter does not imply that the referenced property will or will not be free from flooding or damage. A property not in a Special Flood Hazard Area may be damaged by a flood greater than that predicted on the FIRM or from a local drainage problem not shown on the map. This letter does not create liability on the part of the City, or any officer or employee thereof for any damage that results from reliance on this information. Please check with your flood insurance provider to determine whether your addition will be covered under your flood insurance policy.

Information Requested By: James Mitchell Phone Number: 228-243-3828

This Information Provided By: Ginger Lowrey, Planning Division Manager Date: 8/12/2021 GML

National Flood Hazard Layer FIRMette

FEMA



0 250 500 1,000 1,500 2,000 Feet

1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represe an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/12/2021 at 12:53 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

320 MA 260 PRAIRIE

320 MI
360 PPA/PPV

Department of Urban Development

TO WHOM IT MAY CONCERN:

The property located at: 423 Weathersby Rd. also known as PPIN Number 37849 has been located on our Flood Insurance Rate Map (FIRM). The following information is provided:

Hattiesburg's Community NFIP number is 280053

The properties are located in that portion of the City in Forrest County _____ or Lamar County X

The properties are located on panel number: 0103D of 300 on Map Number: 28035C

The date of the FIRM index: 03/02/2010

The properties are located in FIRM zone: X

A portion of the property:

_____ is located within a Special Flood Hazard Area (100 year area, known as an "A" or "AE" Zone). The base flood elevation at the property is approximately __NGVD. Federal law requires that a flood insurance policy be obtained as a condition of a federally backed mortgage or loan that is secured by a building located in a Special Flood Hazard Area. It is up to the lender to determine whether flood insurance is required for this property. Flood insurance is available in Hattiesburg; ask your insurance agent or company about the National Flood Insurance Program. YOUR HOMEOWNER'S INSURANCE DOES NOT COVER FLOODING.

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Flood insurance from the NFIP is available for any property in this city. More information on flood insurance is attached. This office has copies of FEMA Elevation Certificates for all buildings constructed in the SFHA since 1990. Questions about this letter or about the City's floodplain management program are welcome at this office by calling 601-545-4599.

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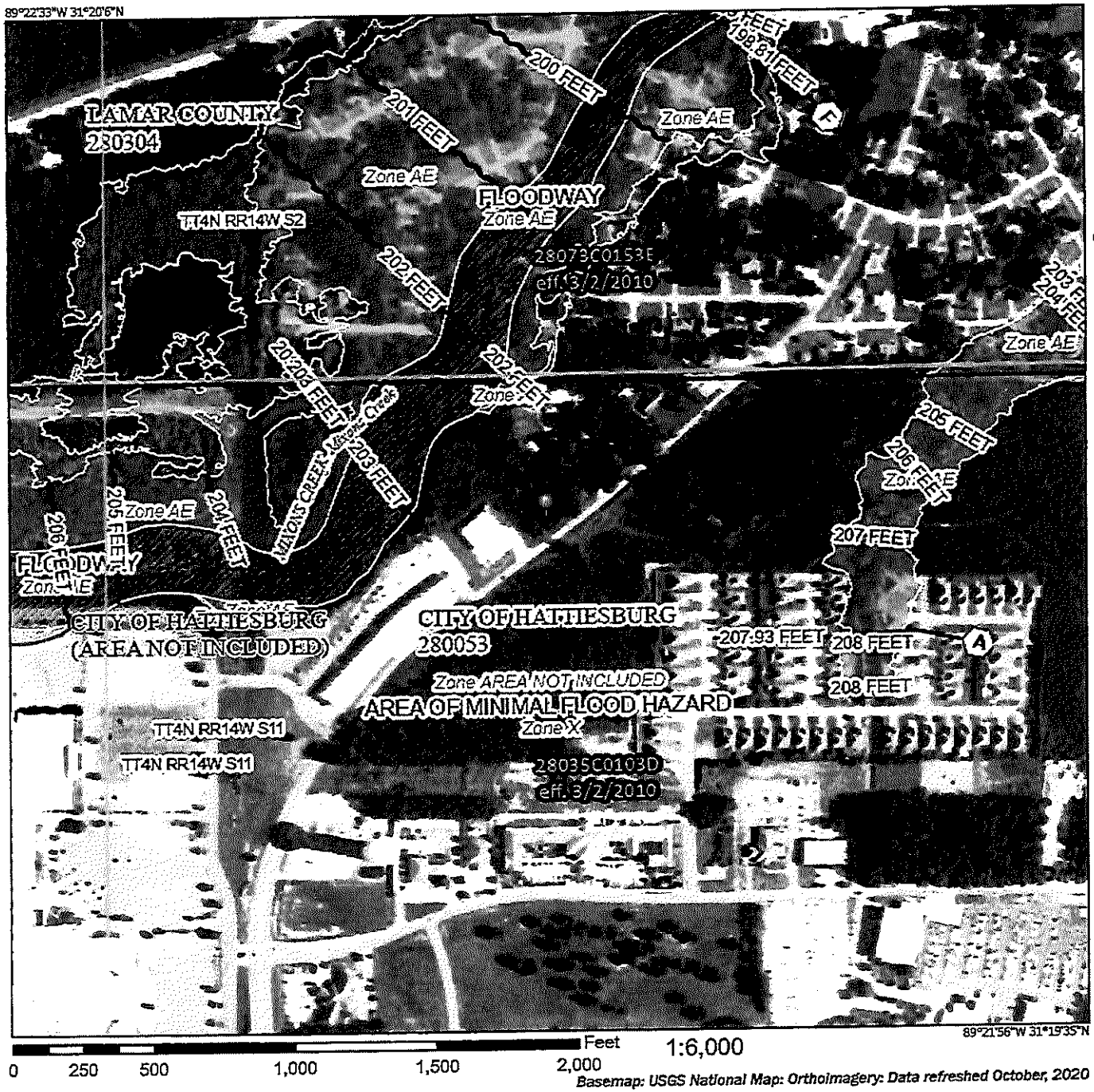
Information Requested By: Brian Houston Phone Number: 601-545-7549

This Information Provided By: Caroline Miles, Planner Date: 9/15/2021

C Miles

National Flood Hazard Layer FIRMette

FEMA



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 — Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- 513 — Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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320 MI
360 RPA/RPJ

320MI
360 PPA/PPV

Department of Urban Development

TO WHOM IT MAY CONCERN:

The property located at: 1100 Jennie Ave also known as PPIN Number 21181 has been located on our Flood Insurance Rate Map (FIRM). The following information is provided:

Hattiesburg's Community NFIP number is 280053

The properties are located in that portion of the City in Forrest County X or Lamar County _____

The properties are located on panel number: 0109E of 300 on Map Number: 28035C

The date of the FIRM index: 03/16/2015

The properties are located in FIRM zone: AE

A portion of the property:

X — is located within a Special Flood Hazard Area (100 year area, known as an "A" or "AE" Zone). The base flood elevation at the property is approximately 146 NGVD. Federal law requires that a flood insurance policy be obtained as a condition of a federally backed mortgage or loan that is secured by a building located in a Special Flood Hazard Area. It is up to the lender to determine whether flood insurance is required for this property. Flood insurance is available in Hattiesburg; ask your insurance agent or company about the National Flood Insurance Program. YOUR HOMEOWNER'S INSURANCE DOES NOT COVER FLOODING.

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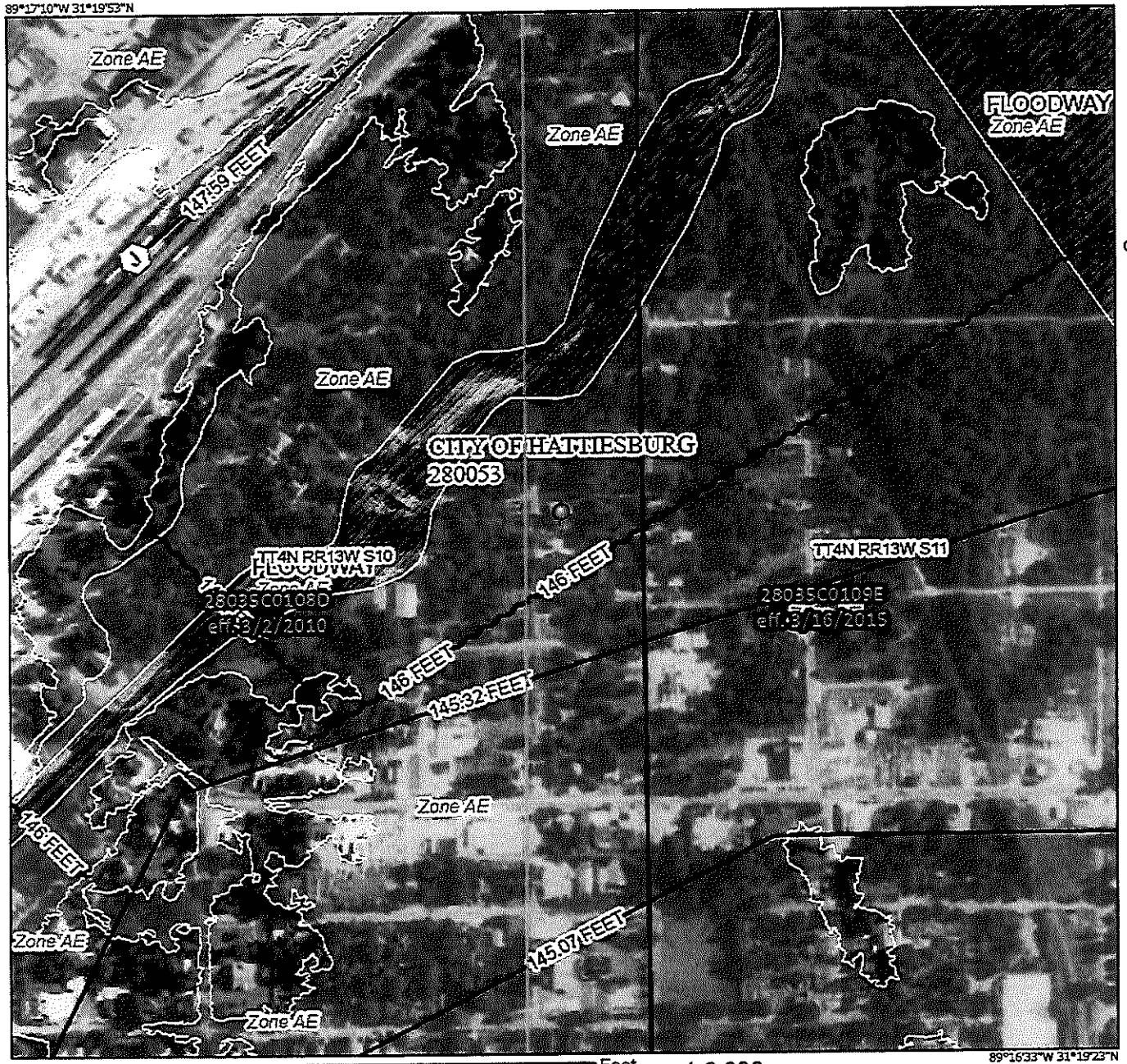
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Information Requested By: Dequandra Johnson Phone Number: 601.545.4597

This Information Provided By: Ginger Lowrey, Planning Division Manager Date: 6/4/2021 GML

National Flood Hazard Layer FIRMette

FEMA



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

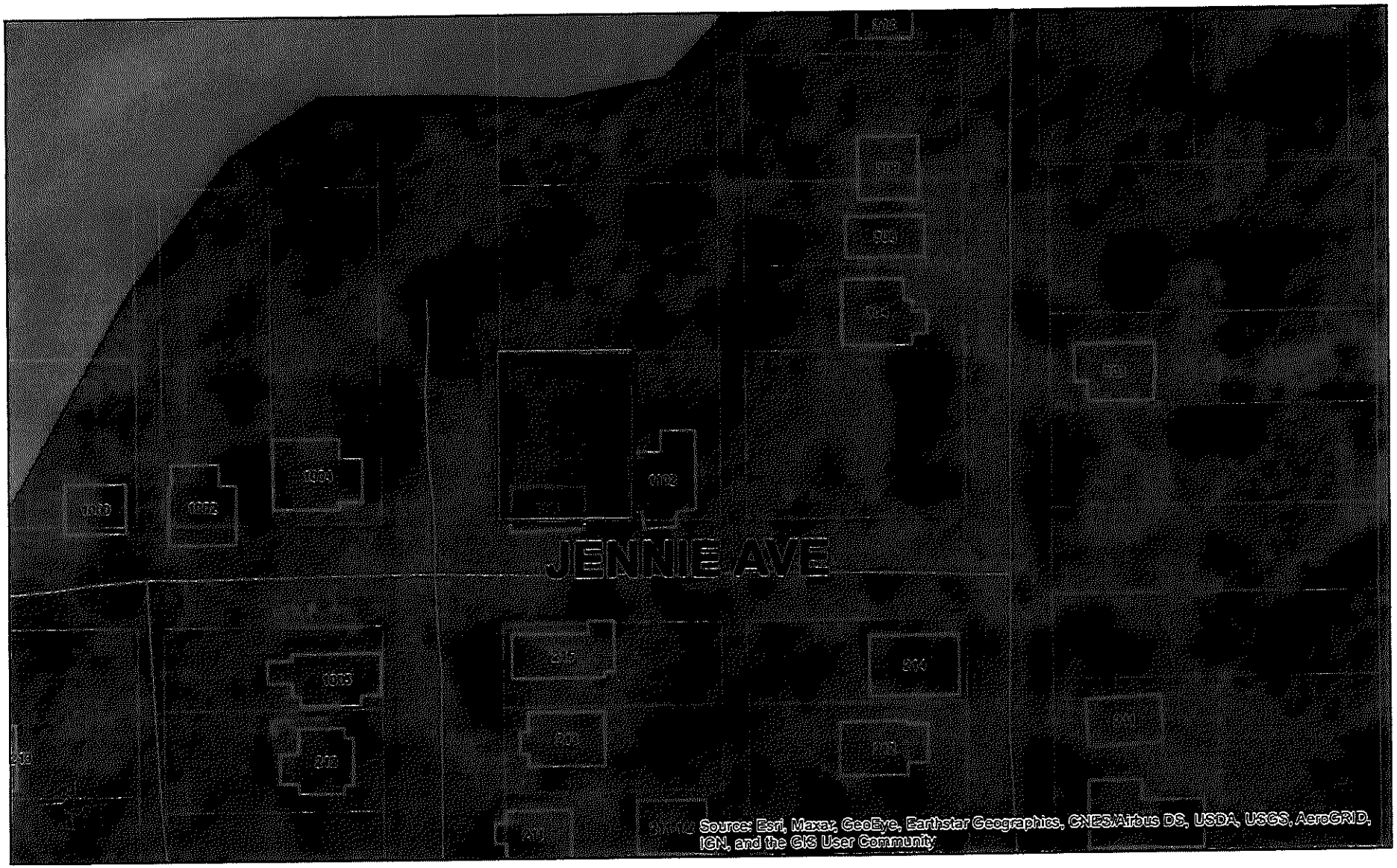
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The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/4/2021 at 4:05 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

320 MI
360 RA/PN

1100 Jennie Ave PPIN 21181



City of Hattiesburg, MS

DISCLAIMER: This map is ONLY FOR REFERENCE. There is NO WARRANTY of the accuracy of data. This information CANNOT be used as a substitute for legal, business, tax or other professional advice.

MAP DATE: June 4, 2021

0 90 180
ft

320 MI
360 PPAPN

320MI
360PPA/PPV

Department of Urban Development

TO WHOM IT MAY CONCERN:

The property located at: 30 Augusta Ct West also known as PPIN Number 31380 has been located on our Flood Insurance Rate Map (FIRM). The following information is provided:

Hattiesburg's Community NFIP number is 280053

The properties are located in that portion of the City in Forrest County _____ or Lamar County X

The properties are located on panel number: 0085D of 300 on Map Number: 28035C

The date of the FIRM index: 03/02/2010

The properties are located in FIRM zone: X

A portion of the property:

_____ is located within a Special Flood Hazard Area (100 year area, known as an "A" or "AE" Zone). The base flood elevation at the property is approximately __NGVD. Federal law requires that a flood insurance policy be obtained as a condition of a federally backed mortgage or loan that is secured by a building located in a Special Flood Hazard Area. It is up to the lender to determine whether flood insurance is required for this property. Flood insurance is available in Hattiesburg; ask your insurance agent or company about the National Flood Insurance Program. YOUR HOMEOWNER'S INSURANCE DOES NOT COVER FLOODING.

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NOTE: This information is based on the FIRM for this community. This letter does not imply that the referenced property will or will not be free from flooding or damage. A property not in a Special Flood Hazard Area may be damaged by a flood greater than that predicted on the FIRM or from a local drainage problem not shown on the map. This letter does not create liability on the part of the City, or any officer or employee thereof for any damage that results from reliance on this information. Please check with your flood insurance provider to determine whether your addition will be covered under your flood insurance policy.

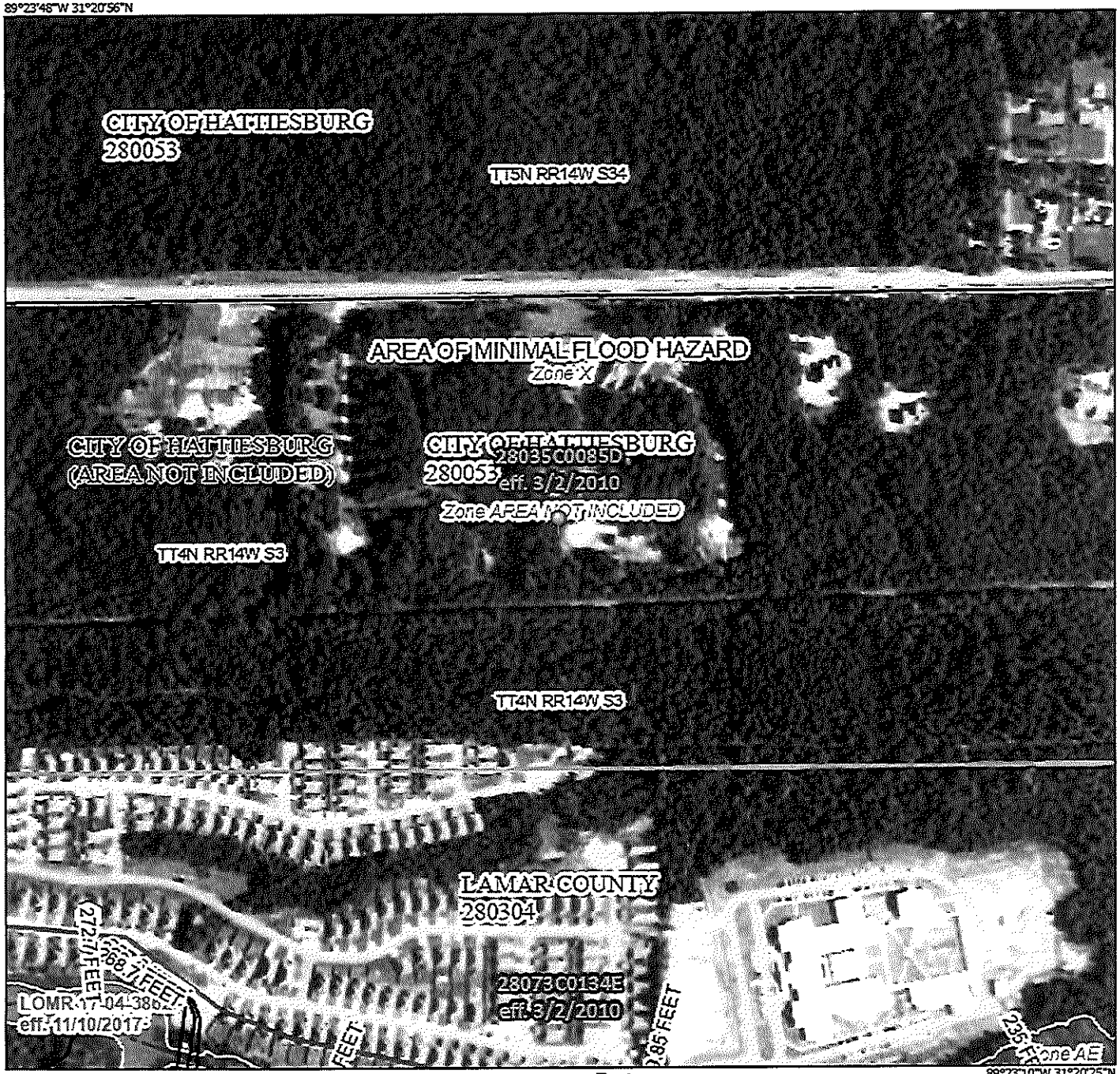
Information Requested By: James Mitchell Phone Number: 228-243-3828

This Information Provided By: Ginger Lowrey, Planning Division Manager Date: 8/12/2021 GML

National Flood Hazard Layer FIRMette

FEMA

89°23'48"W 31°20'56"N



89°23'10"W 31°20'25"N

Feet

0 250 500 1,000 1,500 2,000

1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainag areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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320 MA
1360 PP/PV

320 MI
360 PPA PPN

Department of Urban Development

TO WHOM IT MAY CONCERN:

The property located at: 423 Weathersby Rd. also known as PPIN Number 37849 has been located on our Flood Insurance Rate Map (FIRM). The following information is provided:

Hattiesburg's Community NFIP number is 280053

The properties are located in that portion of the City in Forrest County _____ or Lamar County X

The properties are located on panel number: 0103D of 300 on Map Number: 28035C

The date of the FIRM index: 03/02/2010

The properties are located in FIRM zone: X

A portion of the property:

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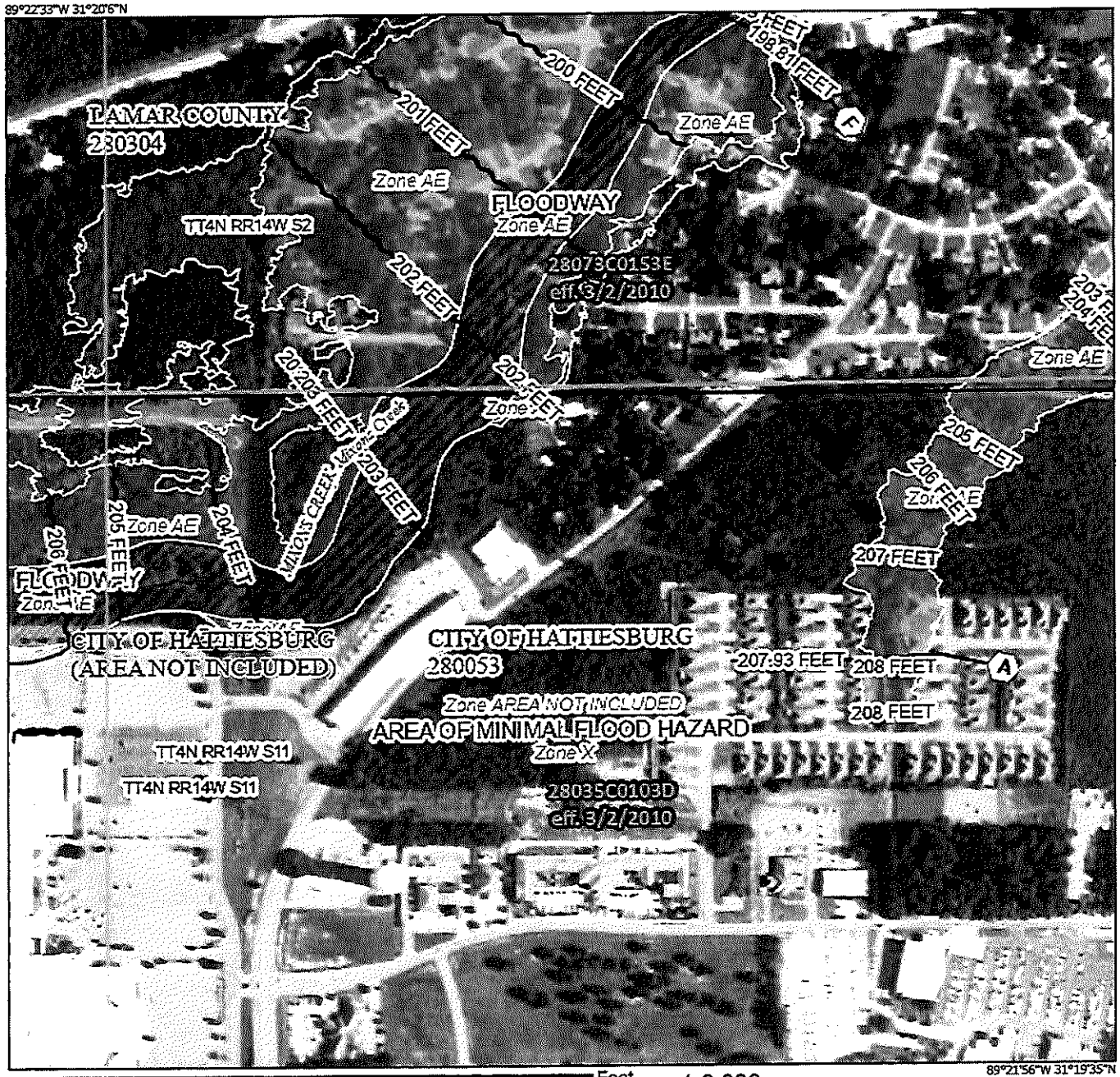
Information Requested By: Brian Houston Phone Number: 601-545-7549

This Information Provided By: Caroline Miles, Planner Date: 9/15/2021

C Miles

National Flood Hazard Layer FIRMette

FEMA



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
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OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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320 MI
360 RPA/RPU

320MI
360 PPA/PPV

Department of Urban Development

TO WHOM IT MAY CONCERN:

The property located at: 1100 Jennie Ave also known as PPIN Number 21181 has been located on our Flood Insurance Rate Map (FIRM). The following information is provided:

Hattiesburg's Community NFIP number is 280053

The properties are located in that portion of the City in Forrest County X or Lamar County _____

The properties are located on panel number: 0109E of 300 on Map Number: 28035C

The date of the FIRM index: 03/16/2015

The properties are located in FIRM zone: AE

A portion of the property:

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Information Requested By: Dequandra Johnson Phone Number: 601.545.4597

This Information Provided By: Ginger Lowrey, Planning Division Manager Date: 6/4/2021 GML

National Flood Hazard Layer FIRMette

FEMA



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
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OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/4/2021 at 4:05 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

220 WI
200 PRA/PN

1100 Jennie Ave PPIN 21181



City of Hattiesburg, MS

DISCLAIMER: This map is ONLY FOR REFERENCE. There is NO WARRANTY of the accuracy of data. This information CANNOT be used as a substitute for legal, business, tax or other professional advice.

MAP DATE: June 4, 2021

0 90 180
ft

320 MI
360 PPARV

360

PRE-APPLICATION MEETING

City of Hattiesburg, MS - Planning Division

04/08/2021

STAFF PRESENT: Ginger Lowrey, Steve Mitchell, Shawn Whitaker, Logan Schultz, Nathan Satcher	
APPLICANT(S): Name: Daniel Cervantes Business: 1520 E Hardy St. – Convenience Store	PROJECT ADDRESS/LOCATION: Address: 1520 E Hardy St Zoning: B-3
CASE TYPE: Change of Use	SPECIAL DISTRICT Flood Zone AE – 100 Year w/ Elevation

PROJECT SUMMARY:

- Applicant is exploring what type of businesses are allowed at this location
- Building has been vacant for more than 6 months and will need to be brought into compliance
- If he opens as a tire shop, will not have restaurant and tienda (retail store); If applicant opens as a tienda (retail store), will have restaurant as well
- Site plan will be required showing required parking spaces before business can open
- Parking requirements for retail is 1 space per 300 Square Feet
    - Auto repair maintenance is 1 space per 375 square feet
    - Restaurant is 1 space per 4 seats
- Automotive and Truck Repair, Maintenance, Rental and Sales. LDC 5.4.7
    - Please reference enclosed section of Land Development Code referencing requirements for above
- Restaurant uses require full dumpster requirements. Enclosed on all sides, including gates, on slab, with hot and cold-water wash with a grease interceptor connected to sewer. See Land Development Code Section 7.9.10; Will need to be shown on site plan
- Restrooms will be required dependent upon floor plan;
- Kitchen ventilation system will be required for restaurant use
- For tire shop use, will need to indicate location of vehicle bays
- Parcel may be taken in with the Leaf River Bridge expansion project; this could possibly affect the property frontage and front parking space
- This site is in the regulated 100-year flood zone. Building or working on buildings in a flood zone that is not elevated may be limited on the amount of work that can be done. Only 50% of the value of a structure can be permitted in a 10 year period. This structure's tax assessed value is $172,395 50% = $ 86,197.50. With past permits, the amount is limited to $ 86,198 over a ten-year period. Flood insurance is available.
    - Being within a flood zone may prohibit any future expansions; An elevation certificate will be required before any expansion
    -

Pre-application meeting notes are provided as a courtesy by staff during pre-application meetings. These notes are not exhaustive. All Land Development Codes and City Ordinances apply, even if not listed during a pre-application meeting.

NEXT STEPS:

- May submit for another Pre-App
- Submit floor plan to review for restroom and tire shop requirements
- Submit site plan showing parking and any future expansion
- Staff to research with Engineering on whether the property will be taken in for Leaf River Bridge expansion on E Hardy St

Pre-application meeting notes are provided as a courtesy by staff during pre-application meetings. These notes are not exhaustive. All Land Development Codes and City Ordinances apply, even if not listed during a pre-application meeting.

#360

PRE-APPLICATION MEETING

City of Hattiesburg, MS - Planning Division

4/27/2021

STAFF PRESENT: Ginger Lowrey, Steve Mitchell, Logan Schultz, Caroline Miles	
APPLICANT(S): Name: Danielle Keys Business: Wellhouse Venue	PROJECT ADDRESS/LOCATION: Address: 5619 Old Hwy 42 Zoning: B-3
CASE TYPE: Site addition/change of use	SPECIAL DISTRICT AE/100 Flood

PROJECT SUMMARY:

- Proposed addition of 12x20 storage shed the site. Because this is under 299 sf, the shed is not required to be elevated. Storage shed must be anchored and vented in accordance with the Flood Ordinance.
    - A non-conversion agreement, flood vent maintenance agreement, and engineered flood vent certification are required if vented.
    - If new structure is elevated, then it will require its own elevation certificates. The structure would have to be elevated 1' above BFE or [illegible]vn of the street, whichever is higher.
- A dimensioned site plan showing setbacks and [illegible]mensions/locations and property lines must be submitted.
- If purchasing any additional pr[illegible] subdivision is required. A survey and le[illegible] ughter parcel will be required.
- Proposed lift to be added [illegible]
- Second floor cannot be occ[illegible]
- The City is exploring adding [illegible] preliminary stage. Remain in c[illegible] 01-545-4675.
- Cutting down trees and brush doe[illegible], adding fill, or otherwise changing drainage [illegible]mitting.
- There are limits to the amount of per[illegible] 10 year period. It is limited to 50% of the tax assessed valu[illegible].
- Because the City of Hattiesburg is a mei[illegible] National Flood Insurance Program, flood insurance is available to all properti[illegible]n the City.
- Occupancy will need to meet IBC IFC requirements

NEXT STEPS:

- Submit for second Pre-Application or Site Plan Review with scaled site plan for the addition of accessory structure

Pre-application meeting notes are provided as a courtesy by staff during pre-application meetings. These notes are not exhaustive. All Land Development Codes and City Ordinances apply, even if not listed during a pre-application meeting.

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PRE-APPLICATION MEETING

City of Hattiesburg, MS - Planning Division

5/11/2021

STAFF PRESENT: Ginger Lowrey, Steve Mitchell, Shawn Whitaker, Logan Schultz, Caroline Miles	
APPLICANT(S): Name: Louis Gagnet Business: Sports Beer Garden	PROJECT ADDRESS/LOCATION: Address: 309 Mobile Street Zoning: B-5
CASE TYPE: New Use	SPECIAL DISTRICT AE/100-year and Hub City Downtown

PROJECT SUMMARY:

- Existing historic property
- Proposed establishment of a sports beer garden
- Both structures on the site are located in the AE/100-year flood
    - Limits to substantial improvements based on taxed assessed value; "store structure" valued at $73,318- permits valued up to $36,659 can be pulled
    - Warehouse valued at $114,485- permits valued up to $57,242.50 can be pulled
    - Permits reviewed over a 10-year period
    - If an appraisal with a higher valuation is provided, then Staff will accept the higher value
    - Any work or enclosures within building are subject to the substantial improvement. And work within that exceeds 50% and all new buildings must come in to compliance with Flood Ord.
- Options for flood compliance: building up floor to meet elevation, floodproofing the building or Contributing historic structures may be eligible for a flood variance.
- Staff to confirm whether Logos church is open and regulations on ordinance
- An independent food truck parking on the site would operate under its own permit. Infrastructure on site not required.
- A rezone request to B-4 may be appropriate and several rezones to B-4 have be approved in the vicinity
    - This would alleviate multiple setback concerns (including lanscaped buffer) and onsite parking requirements
- A grading and drainage plan will be required due to the size of the site; SWPPP, storm water calculations will be required.
- See LDC 5.4.5 Amusement Facilities conditions for use
    - 5.4.5 Amusement Facilities, Fairgrounds and Stadiums, public or private. 5.4.5.1 Outdoor amusement facilities shall be separated by an opaque screen as provided in Section 7 from any abutting property located in a residential district or containing a legal, conforming residential use.

Pre-application meeting notes are provided as a courtesy by staff during pre-application meetings. These notes are not exhaustive. All Land Development Codes and City Ordinances apply, even if not listed during a pre-application meeting.

  - 5.4.5.2 No permanently established outdoor amusement facilities, such as miniature golf courses, skateboard courses, or mechanical rides hall be located within 500 feet of the closest point of any abutting property line located in a residential district.
  - 5.4.5.3 The hours of operations may be determined by the Director; however, hours shall be no earlier than 8:00 a.m. and no later than 11:00 p.m.
- If changed to B-4, there is required 40' landscaped zoning buffer. If maintained as B-5, it will be 50'. See LDC Table 7.11-2.
- A full dumpster with hot and cold water wash, fully enclosed (including gate), with grease interceptor, will be required for any food service on the site (except for the independent food service). Dumpster cannot be in the front setback. Must be to the side or rear of a principal structure (LDC 7.9.10.4)
- Suggest reducing size of largest curb cut

NEXT STEPS:

- Submit for Second Pre-Application with conceptual renderings
- Provide information about volleyball court lights (proposed height, brightness, etc.)

Pre-application meeting notes are provided as a courtesy by staff during pre-application meetings. These notes are not exhaustive. All Land Development Codes and City Ordinances apply, even if not listed during a pre-application meeting.

430

The City adopted new FIRMs effective 11/19/2021. All changes to the Flood Damage Prevention Ordinance were related to the map adoption and compliance with the state model ordinance.

330
360
340
430

Monday, August 2, 2021
4:00 PM

City Council
Monday Meeting Agenda

Council Chambers
200 Forrest Street

Call to Order

Agenda Review

Citizens' Forum

Work Session

→ Also informed on services related to Public outreach, 330, 340, 360

1.	**2021-957**	Presentation - from Planning on upcoming flood ordinance and FEMA flood map changes.
2.	**2021-958**	Upcoming Budget Process - requested from Councilwoman Deborah Delgado.
3.	**2021-959**	Budget Presentation - Water & Sewer Department.
4.	**2021-960**	Budget Presentation - Parks & Recreation Department.

Meeting Recess

There came on for consideration at a duly constituted meeting of the Mayor and Members of the City Council of the City of Hattiesburg, Mississippi, held on the 7th day of **September, 2021**, the following Ordinance:

430

ORDINANCE NUMBER 3294

AN ORDINANCE AMENDING ORDINANCE NUMBER 3224, ADOPTED JANUARY 2, 2018, TO AMEND CHAPTER 10 OF THE CODE OF ORDINANCES, AND UPDATE THE FLOOD DAMAGE PREVENTION ORDINANCE FOR THE CITY OF HATTIESBURG.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. That Chapter 10 of the Code of Ordinances, be and the same is hereby amended to read as follows, to wit:

FLOOD DAMAGE PREVENTION ORDINANCE

TABLE OF CONTENTS

ARTICLE 1. STATUTORY AUTHORIZATION, FINDINGS OF FACT, PURPOSE, AND OBJECTIVES

Section A. Statutory Authorization
Section B. Findings of Fact
Section C. Statement of Purpose
Section D. Objectives
Section E. Methods of Reducing Flood Losses

ARTICLE 2. DEFINTIONS

ARTICLE 3. GENERAL PROVISIONS

Section A. Lands to Which This Ordinance Applies
Section B. Basis for Establishing the Areas of Special Flood Hazard
Section C. Use of Preliminary Flood Hazard Date
Section D Establishment of Floodplain Development Permit
Section E. Compliance
Section F. Abrogation and Greater Restrictions
Section G. Interpretation
Section H. Repetitive Loss Structures
Section I. Warning and Disclaimer of Liability
Section J. Enforcement, Penalties, and Violations

ARTICLE 4. ADMINISTRATION

Section A. Designation of Flood Damage Prevention Ordinance Administrator
Section B. Permit Procedures
Section C. Powers, Duties, and Responsibilities of the Floodplain Administrator

ARTICLE 5. PROVISIONS FOR FLOOD HAZARD REDUCTION

Section A. General Standards for All Zones
Section B. Standards for X Zones (Shaded/Unshaded)
Section C. Specific Standards for Riverine Zones (AE Zones)
Section D. Standards for Streams without Base Flood Elevations and Floodways
Section E. Standards for Subdivision Proposals and Other Proposed Development
Section F. Critical Facilities

ARTICLE 6. VARIANCE PROCEDURES

Section A. Designation and Duties of Variance and Appeals Board
Section B. Variance Procedures
Section C. Conditions for Variances
Section D. Variance Notification
Section E. Historic Structures
Section F. Special Conditions
Section G. Floodway

ARTICLE 7. SEVERABILITY

FLOOD DAMAGE PREVENTION ORDINANCE

ARTICLE 1. STATUTORY AUTHORIZATION, FINDINGS OF FACT, PURPOSE, AND OBJECTIVES.

SECTION A. STATUTORY AUTHORIZATION.

The Legislature of the state of Mississippi has in Title 17, Chapter 1, Mississippi Code of 1972 Annotated delegated the responsibility to local government units to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry. Therefore, the City Council of the City of Hattiesburg does hereby adopt the following floodplain management regulations.

SECTION B. FINDINGS OF FACT.

(1) The City of Hattiesburg is subject to periodic inundation, which results in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base, all of which adversely affect the public health, safety and general welfare.

(2) These flood losses are caused by the cumulative effect of obstructions, both inside and outside the identified Special Flood Hazard Areas, causing increases in flood heights and velocities and by the occupancy in flood hazard areas by uses vulnerable to floods or hazardous to other lands which are inadequately elevated, floodproofed, or otherwise unprotected from flood damages.

SECTION C. STATEMENT OF PURPOSE.

It is the purpose of this ordinance to promote the public health, safety, and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

(1) Restrict or prohibit uses which are dangerous to health, safety, and property due to water or erosion hazards, which result in damaging increases in erosion or in flood heights or velocities;

(2) Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;

(3) Control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of flood waters;

(4) Control filling, grading, dredging, and other development which may increase erosion or flood damage, and;

(5) Prevent or regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands.

SECTION D. OBJECTIVES.

The objectives of this ordinance are:

(1) To protect human life and health;

(2) To minimize expenditure of public money for costly flood control projects;

(3) To minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;

(4) To minimize prolonged business interruptions;

(5) To minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets and bridges located in floodplains;

(6) To help maintain a stable tax base by providing for the sound use and development of flood prone areas in such a manner as to minimize flood blight areas, and;

(7) To ensure that potential homebuyers are notified that property is in a floodprone area.

SECTION E. METHODS OF REDUCING FLOOD LOSSES.

In order to accomplish its purposes, this ordinance includes methods and provisions for:

(1) Restricting or prohibiting uses which are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities;

(2) Requiring that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;

(3) Controlling the alteration of natural floodplains, stream channels, and natural protective barriers, which help accommodate or channel flood waters;

(4) Controlling filling, grading, dredging, and other development which may increase flood damage, and;

(5) Preventing or regulating the construction of flood barriers that will unnaturally divert floodwaters or may increase flood hazards in other areas.

ARTICLE 2. DEFINITIONS.

Unless specifically defined below, words or phrases used in this ordinance shall be interpreted so as to give them the meaning they have in common usage and to give this ordinance it's most reasonable application.

A Zone is the Area of Special Flood Hazard without base flood elevations determined.

AE Zone is the Area of Special Flood Hazard with base flood elevations determined.

Accessory structure (Appurtenant structure) means a structure, which is located on the same parcel of property as the principal structure and the use of which is incidental to the use of the principal structure. Accessory structures should constitute a minimal initial investment, may not be used for human habitation, and be designed to have minimal flood damage potential. Examples of accessory structures are detached garages, carports, storage sheds, pole barns, and hay sheds.

Addition (to an existing building) means any walled and roofed expansion to the perimeter or height of a building.
Any addition shall be considered new construction. If the addition is more than 50% of the market value of the structure, then the addition and the existing structure are now new construction.

Appeal means a request for a review of the Floodplain Administrator's interpretation of any provision of this ordinance or a request for a variance.

AR/AE, AR/AH, AR/AO, and AR/A Zones are SFHAs that result from the decertification of a previously accredited flood protection system or levee that is in the process of being restored to provide a one percent chance or greater level of flood protection. After restoration is complete, these areas will still experience residual flooding from other flooding sources.

A99 Zone is that part of the SFHA inundated by the one percent chance flood to be protected from the one percent chance flood by a Federal flood protection system or levee under construction, no base flood elevations are determined.

Area of shallow flooding means a designated AO or AH Zone on the community's Flood Insurance Rate Map (FIRM) with flood depths from one to three feet where a clearly defined channel does not exist, where the path of flooding is unpredictable and indeterminate, and where velocity flow may be evident. Such flooding is characterized by ponding or sheet flow.

Area of special flood hazard is the land in the floodplain within a community subject to a one percent or greater chance of flooding in any given year. This area is also referred to as the Special Flood Hazard Area (SFHA).

Base flood means the flood having a one percent chance of being equaled or exceeded in any given year (also called the "one percent chance flood").

Base Flood Elevation (BFE) is the elevation shown in the Flood Insurance Study (FIS) for Zones AE, AH, AR, AR/A, AR/AE, AR/AH, AR/AO, and VE that indicates the water surface elevation resulting from a flood that has a one percent or greater chance of being equaled or exceeded in any given year.

Basement means any portion of a building having its floor sub-grade (below ground level) on all sides.

Building see **Structure**.

Cluster Development – See Land Development Code, Ord #3209, as amended, definition; Also see Planned Development.

Community is a political entity and/or its authorized agents or representatives that have the authority to adopt and enforce floodplain ordinances for the area under its jurisdiction.

Community Floodplain Management Map means any map produced by the community utilizing best available base flood elevation and floodway data that is from a federal, state, or other accepted technical source.

Community Rating System (CRS) is a program developed by the Federal Insurance Administration to provide incentives for those communities in the Regular Program that have gone beyond the minimum floodplain management requirements to develop extra measures to provide protection from flooding.

Community Flood Hazard Area (CFHA) is an area that has been determined by the Floodplain Administrator (or other delegated, designated, or qualified community official) from available technical studies, historical information, and other available and reliable sources, which may be subject to periodic inundation by floodwaters that can adversely affect the public health, safety and general welfare. This includes areas downstream from dams/dam breach inundation areas.

Critical facility (also called critical action) means facilities for which the effects of even a slight chance of flooding would be too great. The minimum floodplain of concern for critical facilities is the 0.2 percent chance flood level. Critical facilities include, but are not limited to facilities critical to the health and safety of the public such as: emergency operations centers, designated public shelters, schools, nursing homes, hospitals, police, fire and emergency response installations, vital data storage centers, power generation and water and other utilities (including related infrastructure such as principal points of utility systems) and installations which produce, use or store hazardous materials or hazardous waste (as defined under the Clean Water Act and other Federal statutes and regulations).

D Zone is an area in which the flood hazard is undetermined.

Dam is any artificial barrier, including appurtenant works, constructed to impound or divert water, waste water, liquid borne materials, or solids that may flow if saturated. All structures necessary to maintain the water level in an impoundment or to divert a stream from its course will be considered a dam.

Dam Inundation Area or "DIA" means the area downstream of a dam that would be impacted in the event of a failure or uncontrolled release of water.

Dam Safety Office – The Mississippi Dam Safety Program (MDSP) is implemented by the Department of Environmental Quality, Office of Land & Water Resources. The program is responsible for regulating dams across the state of Mississippi. The goal of the Dam Safety Program is to protect people and property from the damaging consequences of catastrophic dam failures. Dams are classified as high, significant, or low hazard depending on the hazard potential of the dam. The MDSP also issues permit for construction of new dams and for reconstruction/modifications of existing dams.

Development means any man-made change to improved or unimproved real estate, including, but not limited to, buildings or other structures, mining, dredging, filling, grading, paving, excavating, drilling operations, or storage of materials or equipment.

Dry Floodproofing – see **Floodproofing Methods**

Elevated building means for insurance purposes, a non-basement building which has its lowest elevated floor raised above ground level by foundation walls, shear walls, posts, pilings, columns, or piers.

Elevation Certificate is a FEMA form used as a certified statement that verifies a building's elevation information.

Emergency Program means the first phase under which a community participates in the NFIP. It is intended to provide a first layer amount of insurance coverage for all insurable buildings in that community before the effective date of the initial FIRM.

Enclosures below the Lowest Floor see "Lowest Floor."

Encroachment means the advance or infringement of uses, plant growth, fill, excavation, buildings, structures or development into a floodplain, which may impede or alter the flow capacity of a floodplain.

Executive Order 11988 (Floodplain Management) this order requires that no federally assisted activities be conducted in or have the potential to affect identified Special Flood Hazard Areas, unless there is no practicable alternative.

Executive Order 11990 (Wetlands Protection) this order requires the avoidance of adverse impacts associated with the destruction or modification of wetlands.

Existing Construction means structures for which the "start of construction" commenced before date of 04/03/1970. Existing construction may also be referred to as existing structures.

Existing manufactured home park or subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the floodplain management regulations adopted by a community.

Expansion to an existing manufactured home park or subdivision includes the preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).

Fill means a deposit of earthen materials placed by artificial means.

First Floor Elevation – See Code of Ordinances, Chapter 22, Section 22-6 (Ordinance Number 3024, as amended, for requirement.

Five-Hundred Year Flood means the flood that has a 0.2 percent chance of being equaled or exceeded in any year. Areas subject to the 0.2 percent chance flood have a moderate risk of flooding.

Flood or flooding means:

a.) A general and temporary condition of partial or complete inundation of normally dry land areas from:

1.) The overflow of inland or tidal waters.

2.) The unusual and rapid accumulation or runoff of surface waters from any source.

3.) Mudslides (i.e. mudflows) which are proximately caused by flooding as defined in paragraph (A)(2) of this definition and are akin to a river of liquid and flowing mud on the surfaces of normally dry land areas, as when earth is carried by a current of water and deposited along the path of the current.

b.) The collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as flash flood or an abnormal tidal surge, or by some similarly unusual and unforeseeable event which results in flooding as defined in paragraph (A)(1) of this definition

Flood (insurance definition) means a general and temporary condition of partial or complete inundation of two or more acres of normally dry land areas or of two or more properties (e.g. a building and a public street) from (1) overflow of inland or tidal waters (2) unusual and rapid accumulation or runoff of surface waters (3) mudflows caused by flooding.

Flood Insurance Rate Map (FIRM) means an official map of a community, on which FEMA has delineated both the areas of special flood hazard and the risk premium zones applicable to the community.

Flood Insurance Study (FIS) is the document which provides an examination, evaluation, and determination of flood hazards and, if appropriate, corresponding water surface elevations, or an examination, evaluation, and determination of mudslide and/or flood-related erosion hazards.

Flood Protection Elevation is the base flood elevation plus one (1) foot of freeboard. In areas where no base flood elevations exist from any authoritative source, the flood protection elevation can be historical flood elevations, or base flood elevations determined and/or approved by the floodplain administrator plus freeboard.

Floodplain means any land area susceptible to being inundated by flood waters from any source.

Floodplain Administrator is the individual appointed to administer and enforce the floodplain management regulations.

Floodplain management means the operation of an overall program of corrective and preventive measures for reducing flood damage and preserving and enhancing, where possible, natural resources in the floodplain, including but not limited to emergency preparedness plans, flood control works, floodplain management regulations, and open space plans.

Floodplain management regulations means this ordinance and other zoning ordinances, subdivision regulations, building codes, health regulations, special purpose ordinances, and other applications of police power which control development in flood-prone areas. This term describes federal, state, or local regulations in any combination thereof, which provide standards for preventing and reducing flood loss and damage.

Floodproofing Certificate is an official FEMA form used to certify compliance for non-residential structures in non Coastal High Hazard Areas as an alternative to elevating buildings to or above the base flood elevation.

Floodproofing Methods:

Dry Floodproofing means any combination of structural and nonstructural additions, changes, or adjustments to structures, which reduce or eliminate flood damages to real estate or improved real estate property, water, and sanitary facilities, structures, and their contents. Structures shall be floodproofed with a minimum of 12 inches of freeboard (more is recommended) in relation to the base flood elevation. Dry floodproofing of a pre-FIRM residential or pre-FIRM non-residential structure that has not been substantially damaged or improved is allowed. Dry floodproofing of a post-FIRM residential or post-FIRM non-residential building is not allowed.

Wet floodproofing means a method of construction which allows water to enter a structure in such a way that will minimize damage to the structure and its contents. Wet floodproofing is appropriate for functionally dependent use and uses that facilitate open space use by variance only, structures utilized for parking or limited storage, or when all other techniques are not technically feasible. Wet floodproofing shall not be utilized as a method to satisfy the requirements of this ordinance for bringing substantially damaged or improved structures into compliance. Wet floodproofing is not allowed in lieu of complying with the lowest floor elevation requirements for new residential or non-residential buildings.

Floodway *See Regulatory Floodway.*

Floodway fringe means that area of the special flood hazard area on either side of the regulatory floodway.

Flood Protection Elevation is the base flood elevation plus the community freeboard. In areas where no base flood elevations exist from any authoritative source, the flood protection elevation can be historical flood elevations or base flood elevations determined and/or approved by the floodplain administrator plus freeboard.

Freeboard means a factor of safety, usually expressed in feet above the BFE, which is applied for the purposes of floodplain management. "Freeboard" tends to compensate for the many unknown factors that could contribute to flood heights greater than the height calculated for a selected size flood and floodway conditions, such as wave action, bridge openings, and the hydrological effect of urbanization of the watershed. The City of Hattiesburg's freeboard is one (1) foot above BFE.

Functionally dependent use means a use which cannot perform its intended purpose unless it is located or carried out in close proximity to water. The term includes only docking facilities, port facilities that are necessary for the loading and unloading of cargo or passengers, ship building and ship repair facilities. The term does not include long-term storage, manufacture, processing functions, sales, administrative functions, or service facilities.

Hardship (as related to variances of this ordinance) means the exceptional difficulty that would result from a failure to grant the requested variance. The City Council requires that the variance is exceptional, unusual, and peculiar to the property involved. Mere economic or financial hardship alone is NOT exceptional. Inconvenience, aesthetic considerations, physical handicaps, personal preferences, or the disapproval of one's neighbors likewise cannot, as a rule, qualify as an exceptional hardship. All of these problems can be resolved through other means without granting a variance, even if the alternative is more expensive, or requires the property owner to build elsewhere or put the parcel to a different use than originally intended.

Hazard potential means the possible adverse incremental consequences that result from the release of water or stored contents due to failure of a dam or mis-operation of a dam or appurtenances. The hazard potential classification of a dam does not reflect in any way on the current condition of a dam and its appurtenant structures (e.g. safety, structural integrity, and flood routing capacity).

High hazard dam means a class of dam in which failure may cause loss of life, serious damage to residential, industrial, or commercial buildings; or damage to, or disruption of, important public utilities or transportation facilities such as major highways or railroads. Dams which meet the statutory thresholds for regulation that are proposed for construction in established or proposed residential, commercial, or industrial areas will be assigned this classification, unless the applicant provides convincing evidence to the contrary.

Highest adjacent grade means the highest natural elevation of the ground surface, prior to construction, next to the proposed walls of a building.

Historic Structure means any structure that is:

a.) Listed individually in the National Register of Historic Places (a listing maintained by the Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;

b.) Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic or a district preliminarily determined by the Secretary to qualify as a registered historic district;

c.) Individually listed on the State of Mississippi inventory of historic structures, or;

d.) Individually listed on a local inventory historic places in communities with historic preservation programs that have been certified by an approved state program as determined by the Secretary of the Interior.

Hydrologic and hydraulic engineering analyses means the analyses performed by a professional engineer, registered in the state of Mississippi, in accordance with standard engineering practices as accepted by FEMA, used to determine flood elevations and /or floodway boundaries.

Increased Cost of Compliance (ICC) coverage means under the standard flood insurance policy the cost to repair a substantially flood damaged building that exceeds the minimal repair cost and that is required to bring a substantially damaged building into compliance with the local flood damage prevention ordinance. Acceptable mitigation measures are floodproofing (nonresidential), relocation, elevation, demolition, or any combination thereof. All renewal and new policies with effective dates on or after June 1, 1997, include ICC coverage.

Letter of Map Change (LOMC) is an official FEMA determination, by letter, to amend or revise effective Flood Insurance Rate Maps, Flood Boundary and Floodway Maps, and Flood Insurance Studies.

Letter of Map Amendment (LOMA)
An amendment based on technical data showing that a property was incorrectly included in a designated SFHA, was not elevated by fill (only by a natural grade elevation), and will not be inundated by the one percent chance flood. A LOMA amends the current effective FIRM and establishes that a specific property is not located in a SFHA.

Letter of Map Revision (LOMR)
A revision based on technical data that, usually due to manmade changes, shows changes to flood zones, flood elevations, floodplain and floodway delineations, and planimetric features. One common type of LOMR, a LOMR-F, is a determination concerning whether a structure or parcel has been elevated by fill above the BFE and is, therefore, excluded from the SFHA.

Conditional Letter of Map Revision (CLOMR)
A formal review and comment by FEMA as to whether a proposed project complies with the minimum NFIP floodplain management criteria. A CLOMR does not revise effective Flood Insurance Rate Maps, Flood Boundary and Floodway Maps, or Flood Insurance Studies.

Levee means a man-made structure; usually earthen embankments designed and constructed in accordance with sound engineering practices to contain, control, or divert the flow of water so as to provide protection from temporary flooding.

Levee system means a flood protection system which consists of a levee, or levees, and associated structures, such as closure and drainage devices, which are constructed and operated in accordance with sound engineering practices. For a levee system to be recognized, the following criteria must be met. All closure devices or mechanical systems for internal drainage, whether manual or automatic, must be operated in accordance with an officially adopted operation manual (a copy of which must be provided to FEMA by the operator when levee or drainage system recognition is being sought or revised). All operations must be under the jurisdiction of a Federal or State agency, an agency created by Federal or State law, or an agency of a community participating in the NFIP.

Low hazard dam means a class of dam in which failure would at the most result in damage to agricultural land, farm buildings (excluding residences), or minor roads.

Lowest adjacent grade means the elevation of the sidewalk, patio, deck support, or basement entryway immediately next to the structure and after the completion of construction. It does not include earth that is placed for aesthetic or landscape reasons around a foundation wall. It does include natural ground or properly compacted fill that comprises a component of a building's foundation system.

Lowest floor means the lowest floor of the lowest enclosed area (including basement). An unfinished or flood resistant enclosure, used solely for parking of vehicles, building access, or storage, in an area other than a basement, is not considered a building's lowest floor, *provided* that such enclosure is not built so as to render the structure in violation of the non-elevation provisions of this code.

Manufactured home (44 CFR 59.1 definition / FEMA) means a structure, transportable in one or more sections, which is built on a permanent chassis and designed to be used with or without a permanent foundation when attached to the required utilities. The term manufactured home does not include a "recreational vehicle."

Manufactured housing (24 CFR 3280.3 and 3285.5 definitions / HUD) means "...a structure, transportable in one or more sections, which in the traveling mode is 8 body feet or more in width or 40 body feet in length or which when erected on-site is 320 or more square feet, and which is built on a permanent chassis and designed to be used as a dwelling with or without a permanent foundation when connected to the required utilities."

Manufactured home park or subdivision means a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale.

Map Amendment means a change to an effective NFIP map that results in the exclusion from the SFHA or an individual structure or a legally described parcel of land that has been inadvertently included in the SFHA (i.e., no alterations of topography have occurred since the date of the first NFIP map that showed the structure or parcel to be within the SFHA. See Letter of Map Change (LOMC) for ways to request a Map Amendment.

Map Panel Number means the four-digit number followed by a letter suffix assigned by FEMA on a FIRM. The first four digits represent the map panel, and the letter suffix represents the number of times the map panel has been revised.
Market value means the property value (as agreed between a willing buyer and seller); excluding the value of land as established by what the local real estate market will bear. Market value can be established by independent certified appraisal; replacement cost depreciated by age of building (Actual Cash Value); or adjusted assessed values.

Mean Sea Level means, for the purposes of the National Flood Insurance Program, the National Geodetic Vertical Datum (NGVD) of 1929, North American Vertical Datum (NAVD) of 1988, or other datum, to which base flood elevations shown on a community's Flood Insurance Rate Map (FIRM) are referenced.

National Flood Insurance Program (NFIP) is the federal program that makes flood insurance available to owners of property in participating communities nationwide through the cooperative efforts of the Federal Government and the private insurance industry.

National Geodetic Vertical Datum (NGVD) means a vertical control, corrected in 1929, used as a reference for establishing varying elevations within the floodplain.

New Construction means a structure or an addition to an existing structure for which the start of construction commenced on or after the effective date of a floodplain management regulation adopted by a community and any subsequent improvements to such structure or the addition.

New manufactured home park or subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of

floodplain regulations adopted by a community.

Non-Residential means, but is not limited to; small business concerns, churches, schools, farm buildings (including grain bins and silos), poolhouses, clubhouses, recreational buildings, mercantile structures, agricultural and industrial structures, warehouses, and hotels and motels with normal room rentals for less than 6 months duration.

North American Vertical Datum (NAVD) of 1988 means a vertical control, corrected in 1988, used as a reference for establishing varying elevations within the floodplain.

Obstruction means, but is not limited to, any dam, wall, wharf, embankment, levee, dike, pile, abutment, protection, excavation, channel construction, bridge, culvert, building, wire, fence, rock, gravel, refuse, fill, structure, vegetation or other material in, along, across or projecting into any watercourse which may alter, impede, retard or change the direction and/or velocity of the flow of water, or due to its location, its propensity to snare or collect debris carried by the flow of water, or its likelihood of being carried downstream.

One Percent Flood (aka 100-Year Flood) is the flood that has a one percent chance of being equaled or exceeded in any given year. Any flood zone that begins with the letter A or V is subject to inundation by the one percent chance flood. Over the life of a 30-year loan, there is a 26-percent chance of experiencing such a flood within the SFHA.

Participating Community is any community that voluntarily elects to participate in the NFIP by adopting and enforcing floodplain management regulations that are consistent with the standards of the NFIP.

Post-FIRM Construction means new construction and substantial improvements for which start of construction occurred after December 31, 1974, or on or after the effective date of the initial FIRM of the community, whichever is later.

Pre-FIRM Construction means new construction and substantial improvements for which start of construction occurred on or before December 31, 1974, or before the effective date of the initial FIRM of the community, whichever is later.

Probation is a means of FEMA formally notifying participating communities of the first of the two NFIP sanctions due to their failure to correct violations and deficiencies in the administration and enforcement of the local floodplain management regulations.
Public safety and nuisance means anything which is injurious to the safety or health of an entire community or neighborhood, or any considerable number of persons, or unlawfully obstructs the free passage or use, in the customary manner, of any navigable lake, or river, bay, stream, canal, or basin.

Recreational vehicle means a vehicle that is:

a.) Licensed and titled as an RV or park model (not a permanent residence);

b.) Built on a single chassis;

c.) 400 square feet or less when measured at the largest horizontal projection;

d.) Has no attached deck, porch, or shed;

e.) Has quick-disconnect sewage, water, and electrical connectors;

f.) Designed to be self-propelled or permanently towable by a light duty truck, and;

g.) Designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

Regular Program means the second phase of the community's participation in the NFIP in which second layer coverage is available based upon risk premium rates only after FEMA has competed a risk study for the community.

Regulatory floodway means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than one foot.

Repair means the reconstruction or renewal of any part of an existing building for which the start of construction commenced on or after the effective date of a floodplain management regulation adopted by a community and all such regulations effective at the time of permitting must be met.

Repetitive Loss means flood-related damages sustained by a structure on two separate occasions during a 10-year period for which the cost of repairs at the time of each such flood event, on the average, equals or exceeds 25 percent of the market value of the structure before the damage occurred.

Repetitive Loss Property is any insurable building for which two or more claims of more than $1,000 were paid by the National Flood Insurance Program (NFIP) within any rolling 10-year period, since 1978. At least two of the claims must be more than ten days apart but, within ten years of each other. A RL property may or may not be currently insured by the NFIP.

Section 1316 means that section of the National Flood Insurance Act of 1968, as amended, which states that no new flood insurance coverage shall be provided for any property that FEMA finds has been declared by a duly constituted state or local zoning authority or other authorized public body to be in violation of state or local laws, regulations, or ordinances that are intended to discourage or otherwise restrict land development or occupancy in flood-prone areas.

Severe Repetitive Loss Structure means any insured property that has met at least one of the following paid flood loss criteria since 1978, regardless of ownership:

1. Four or more separate claim payments of more than $5,000 each (including building and contents payments); or

2. Two or more separate claim payments (building payments only) where the total of the payments exceeds the current market value of the property.

In either case, two of the claim payments must have occurred within ten years of each other. Multiple losses at the same location within ten days of each other are counted as one loss, with the payment amounts added together.

Significant hazard dam means a dam assigned the significant hazard potential classification where failure may cause damage to main roads, minor railroads, or cause interruption of use, or service of relatively important public utilities.

Special flood hazard area (SFHA) means that portion of the floodplain subject to inundation by the base flood and/or flood-related erosion hazards as shown on a FHBM or FIRM as Zones A, AE, AH, AO, AR, AR/AE, AR/AO, AR/AH, AR/A, A99, or VE.

Start of construction (for other than new construction or substantial improvements under the Coastal Barrier Resources Act P. L. 97-348), includes substantial improvement, and means the date the building permit was issued, provided the actual start of construction, repair, reconstruction, or improvement was within 180 days of the permit date. The actual start means the first placement of permanent construction of a building (including a manufactured home) on a site, such as the pouring of slabs or footings, installation of piles, construction of columns, or any work beyond the stage of excavation or placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for a basement, footings, piers or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main building. For substantial improvement, the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of a building, whether or not that alteration affects the external dimensions of the building.

Structure (for floodplain management purposes), means a walled and roofed building, including a gas or liquid storage tank that is principally above ground, as well as a manufactured home.

Structure (for insurance purposes), means a building with two or more outside rigid walls and a

fully secured roof, that is affixed to a permanent site; a manufactured home built on a permanent chassis, transported to it site in one or more sections, and affixed to a permanent foundation; or a travel trailer without wheels, built on a chassis and affixed to a permanent foundation, that is regulated under the community's floodplain management and building ordinances or laws. The term does not include a recreational vehicle or a park trailer or other similar vehicle, except as described in the last part of this definition, or a gas, or a liquid storage tank.

Subrogation means an action brought by FEMA when flood damages have occurred, a flood insurance claim has been paid, and all or part of the damage can be attributed to acts or omissions by a community or other third party.

Substantial Damage means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred. Substantial damage also means flood-related damages sustained by a structure on two separate occasions during a ten (10) year period for which the cost of repairs at the time of each flood event, on the average, equals or exceeds 25 percent of the market value of the structure before the damage occurred.

Substantial Improvement means any combination of reconstruction, rehabilitation, or other improvement of a structure taking place during a 10 year period in which the cumulative percentage of improvement equals or exceeds 50 percent of the current market value of the structure before the "start of construction" of the improvement. .The costs for determining substantial improvement include the costs of additions. This term includes structures which have incurred repetitive loss or substantial damage, regardless of the actual repair work performed.

The term does not apply to:

a.) Any project for improvement of a building required to correct existing violations of state or local existing health, sanitary, or safety code specifications which have been identified by the Code Enforcement Official and which are minimum necessary to assure safe living conditions, provided that said code deficiencies were not caused by neglect or lack of maintenance on the part of the current or previous owners or;

b.) Any alteration of a "historic structure" provided that the alteration will not preclude the structure's continued designation as a "historic structure."

Substantially improved existing manufactured home parks or subdivisions means manufactured home parks or subdivisions where the repair, reconstruction, rehabilitation or improvement of the streets, utilities and pads equals or exceeds 50 percent of the value of the streets, utilities and pads before the repair, reconstruction or improvement commenced.

Suspension means the removal, with or without probation, of a participating community from the NFIP because the community failed to adopt and enforce the compliant floodplain management regulations required for participation in the NFIP.

Variance is a grant of relief by the community from the requirements of this ordinance.

Violation means the failure of a structure or other development to be fully compliant with this ordinance. A structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in this ordinance is presumed to be in violation until such time as that documentation is provided.

Watercourse means any flowing body of water including a river, creek, stream, or a branch.

Water surface elevation means the height, in relation to the National Geodetic Vertical Datum (NGVD) of 1929, the North American Vertical Datum (NAVD) of 1988, (or other datum, where specified) of floods of various magnitudes and frequencies in the floodplains of coastal or riverine areas.

Wet floodproofing – see **Floodproofing Methods**

X Zones (shaded) are areas of 0.2 percent chance flood that are outside of the SFHA subject to the one percent chance flood with average depths of less than one foot, or with contributing drainage area less than one square mile and areas protected by certified levees from the base flood.

X Zones (unshaded) are areas determined to be outside the 0.2 percent chance floodplain.

Zone means a geographical area shown on a Flood Hazard Boundary Map or a Flood Insurance Rate Map that reflects the severity or type of flooding in the area.

ARTICLE 3. GENERAL PROVISIONS.

SECTION A. LANDS TO WHICH THIS ORDINANCE APPLIES.

This ordinance shall apply to all areas of special flood hazard (SFHA) areas within the jurisdiction of the City Council of the City of Hattiesburg.

SECTION B. BASIS FOR ESTABLISHING THE AREAS OF SPECIAL FLOOD HAZARD.

The areas of special flood hazard identified by the Federal Emergency Management Agency in the current scientific and engineering report entitled "The Flood Insurance Study (FIS) for Forrest County, Mississippi and Incorporated Areas", dated 11/19/2021 with the accompanying Flood Insurance Rate Map(s) (FIRM) (multiple panel) Index No. 28035CIND0C and "The Flood Insurance Study (FIS) for Lamar County, Mississippi and Incorporated Areas", dated 10/18/2019 with the accompanying Flood Insurance Rate Map(s) (FIRM) (multiple panel) Index No. 28073CIND0B and other supporting data, along with Digital Flood Insurance Rate Maps (DFIRM) are adopted by reference and declared to be part of this ordinance. The Flood Insurance Study and maps are on file at the Planning Office of the Department of Urban Development, located at the City Hall Building.

Map Number	Map Revised Date	Map Number	Map Revised Date
28035C0020D	3/2/2010	28035C0114E	11/19/2021
28035C0040D	3/2/2010	28035C0116E	11/19/2021
28035C0085D	3/2/2010	28035C0117F	11/19/2021
28035C0101D	3/2/2010	28035C0118E	11/19/2021
28035C0102D	3/2/2010	28035C0119E	11/19/2021
28035C0103D	3/2/2010	28035C0140E	11/19/2021
28035C0104E	11/19/2021	28035C0155D	3/2/2010
28035C0106D	3/2/2010	28035C0160D	3/2/2010
28035C0107E	11/19/2021	28035C0170D	3/2/2010
28035C0108D	3/2/2010	28035C0180E	11/19/2021
28035C0109F	11/19/2021	28035CIND0C	11/19/2021
28035C0111D	3/2/2010	28073CIND0B	10/18/2019
28035C0112D	3/2/2010		

SECTION C. USE OF PRELIMINARY FLOOD HAZARD DATA.

When Flood Insurance Studies and Preliminary Flood Insurance Rate Maps have been provided by FEMA:

(1) Prior to the issuance of a Letter of Final Determination (LFD) by FEMA, the use of the preliminary flood hazard data shall only be required where no base flood elevations and/or floodway areas exist or where the preliminary base flood elevations or floodway area exceed the base flood elevations and/or floodway widths in the effective flood hazard data provided by FEMA. Such preliminary data may be subject to revision through valid appeals.

(2) Upon the issuance of a Letter of Final Determination (LFD) by FEMA, the revised flood hazard data shall be used and replace all previously effective flood hazard data provided by FEMA for the purposes of administrating these regulations.

Where adopted regulatory standards conflict, the more stringent base flood elevation shall prevail. Preliminary FIS data may be subject to change by a valid appeal.

SECTION D. ESTABLISHMENT OF FLOODPLAIN DEVELOPMENT PERMIT.

A development permit shall be required in conformance with the provision of this ordinance prior to the commencement of any development activities in identified areas of special flood hazard and community flood hazard areas within the community.

SECTION E. COMPLIANCE.

No structure or land shall hereafter be located, extended, converted or structurally altered without full compliance with the terms of this ordinance and other applicable regulations.

SECTION F. ABROGATION AND GREATER RESTRICTIONS.

This ordinance is not intended to repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. However, where this ordinance and another conflict or overlap, whichever imposes the more stringent restrictions shall prevail.

SECTION G. INTERPRETATION.

In the interpretation and application of this ordinance all provisions shall be:

(1) Considered as minimum requirements;

(2) Liberally construed in favor of the governing body, and;

(3) Deemed neither to limit nor repeal any other powers granted under state statutes.

SECTION H: REPETITIVE LOSS STRUCTURES

The community may declare any existing structure as a repetitive loss structure as required to qualify the structure for increased cost of compliance (ICC) benefits allowed by a National Flood Insurance Program flood policy claim. To be declared a repetitive loss structure, the following conditions must be met:

(1) The structure must have a flood insurance policy that includes the increased cost of compliance coverage and;

(2) The structure must have been flooded twice during a ten-year period with each flood event causing damage for which the repair cost equaled or exceeded 25% of the market value of the structure.

SECTION I. WARNING AND DISCLAIMER OF LIABILITY.

The degree of flood protection required by this ordinance is considered reasonable for regulatory purposes and is based on scientific and engineering consideration. Larger floods can and will occur on rare occasions. Flood heights may be increased by man-made or natural causes. This ordinance does not imply that land outside the areas of special flood hazard and community flood hazard areas or uses permitted within such areas will be free from flooding or flood damages. This ordinance shall not create liability on the part of City Council of the City of Hattiesburg or by any officer or employee thereof for any flood damages that result from reliance on this ordinance or any administrative decision lawfully made hereunder.

SECTION J. ENFORCEMENT, PENALTIES, AND VIOLATIONS.

Civil penalties. Violation of the provisions of this ordinance or failure to comply with any of its requirements, including violation of conditions and safeguards established in connection with grants of variance or special exceptions, shall constitute a misdemeanor. Any person who violates this ordinance or fails to comply with any of its requirements shall, upon conviction thereof, be fined not more than one thousand dollars ($1,000) or imprisoned for not more than ninety (90) days, or both, and in addition, shall pay all costs and expenses involved in the case. Each day such violation continues shall be considered a separate offense. Nothing herein contained shall prevent the Floodplain Administrator from taking such other lawful actions as are necessary to prevent or

remedy any violation.

ARTICLE 4. ADMINISTRATION.

SECTION A. DESIGNATION OF FLOOD DAMAGE PREVENTION ORDINANCE ADMINISTRATOR.

The City Council of the City of Hattiesburg hereby appoints the Planning Administrator to administer and implement the provisions of this ordinance and is herein referred to as the Floodplain Administrator and/or the administrator.

SECTION B. PERMIT PROCEDURES.

Application for a Development Permit shall be made to the Floodplain Administrator on forms furnished by him or her prior to any development activities, and may include, but not be limited to, the following plans in duplicate drawn to scale showing the nature, location, dimensions, and elevations of the area in question; existing or proposed structures, earthen fill, storage of materials or equipment, drainage facilities, and the location of the foregoing. Specifically, the following information is required:

(1) Application Stage.

a.) Elevation in relation to mean sea level of the proposed lowest floor (including basement) of all buildings, which will be submitted on a FEMA Elevation Certificate Form by a State of Mississippi registered engineer or surveyor;

b.) Elevation in relation to mean sea level to which any pre-FIRM residential or pre-FIRM non-residential building, that has not been substantially damaged or improved, in an A or AE Zone will be floodproofed;

c.) Certificate from a State of Mississippi registered professional engineer or architect that the pre-FIRM residential or pre-FIRM non- residential flood-proofed building will meet the floodproofing criteria in Article 4, Section B (2), and Article 5, Section C (2);

d.) No floodplain development permit can be issued to any mobile, modular, or permanently constructed residence, building or facility unless the owner, lessee, or developer obtains a Notice of Intent from the Mississippi State Health Department, pursuant to the MS Individual On-Site Wastewater Disposal System Law (2009), for un-sewered areas of the City.

e.) Description of the extent to which any watercourse will be altered or relocated as result of proposed development as outlined in Article 4, Section C 4-b.

(2) Construction Stage:

Upon placement of the lowest horizontal structural member or lowest floor (whichever is applicable per the flood zone), or pre-FIRM flood-proofing by pre-approved construction means, it shall be the duty of the permit holder to submit to the Floodplain Administrator a certificate of the NAVD elevation as built in relation to mean sea level. Said certification shall be prepared by a state of Mississippi registered engineer or surveyor. When floodproofing is utilized for a particular building, said certification shall be prepared by a state of Mississippi registered engineer or architect, who is authorized by the state of Mississippi to certify such information and certified by same. Any approved floodproofing shall be required to be one (1) foot above the base flood elevation.

Any work undertaken prior to submission of the certification shall be at the permit holder's risk. The Floodplain Administrator shall review the lowest horizontal structural member or lowest floor (whichever is applicable per the flood zone) and floodproofing elevation certificate data submitted. The permit holder, immediately and prior to further progressive work being permitted to proceed, shall correct deficiencies detected by such review. Failure to submit the certificate or failure to make said corrections required hereby shall be cause to issue a stop-work order for the project.

In any lot or lots/areas that have been removed from the special flood hazard area via a Letter of Map Revision Based on Fill, and if the top of fill level is below the freeboard elevation, all new structures, additions to existing buildings or substantial improvement must meet the required community freeboard elevation.

(3) Finished Construction:

Upon completion of construction, a FEMA Elevation Certificate Form which depicts all finished construction elevations is required to be submitted to the Floodplain Administrator. If the project includes a floodproofing measure, a FEMA floodproofing certificate is required to be submitted by the permit holder to the Floodplain Administrator.

SECTION C. POWERS, DUTIES, AND RESPONSIBILITIES OF THE FLOODPLAIN ADMINISTRATOR.

The Floodplain Administrator and his or her designated staff is hereby authorized and directed to enforce the provisions of this ordinance. The Administrator is further authorized to render interpretations of this ordinance, which are consistent with its spirit and purpose.

(1) Right of Entry

a.) Whenever necessary to make an inspection to enforce any of the provisions of this ordinance, or whenever the Administrator has reasonable cause to believe that there exists in any building or upon any premises any condition or ordinance violation which makes such building, structure or premises unsafe, dangerous or hazardous, the Administrator may enter such building, structure or premises at all reasonable times to inspect the same or perform any duty imposed upon the Administrator by this ordinance.

b.) If such building or premises are occupied, the Administrator shall first present proper credentials and request entry. If such building, structure, or premises are unoccupied, he shall first make a reasonable effort to locate the owner or other persons having charge or control of such building or premises.

c.) If entry is refused, the Administrator shall have recourse to every remedy provided by law to secure entry.

d.) When the Administrator shall have first obtained a proper inspection warrant or other remedy provided by law to secure entry, no owner or occupant or any other persons having charge, care or control of any building, structure, or premises shall fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the Administrator for the purpose of inspection and examination pursuant to this ordinance.

(2) Stop Work Orders

a.) Upon notice from the Administrator, work on any building, structure or premises that is being performed contrary to the provisions of this ordinance shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to his or her agent, or to the person doing the work, and shall state the conditions under which work may be resumed.

(3) Revocation of Permits

a.) The Administrator may revoke a permit or approval, issued under the provisions of this ordinance, in case there has been any false statement or misrepresentation as to the material fact in the application or plans on which the permit or approval was based.

b.) The Administrator may revoke a permit upon determination that the construction, erection, alteration, repair, moving, demolition, installation, or replacement of the structure for which the permit was issued is in violation of, or not in conformity with,

the provisions of this ordinance.

(4) Duties of the Administrator

Duties of the administrator shall include, but not be limited to:

a.) Review all development permits to assure that the permit requirements of this ordinance have been satisfied.

b.) Review proposed development to assure that all necessary permits have been received from those governmental agencies from which approval is required by Federal or State law, including section 404 of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. 1334 and permits from state agencies for any construction, reconstruction, repair, or alteration of a dam, reservoir, or waterway obstruction (including bridges, culverts, structures), any alteration of a watercourse, or any change of the course, current, or cross section of a stream or body of water, including any change to the 100-year frequency floodplain of free-flowing non-tidal waters of the State. Additionally, require the permittee to obtain and submit copies of any required federal or state permits and maintain them on file with the development permit.

c.) Perform a minimum of three inspections to ensure that all applicable ordinance and floodplain development requirements have been satisfied. The first inspection upon the establishment of the Base Flood Elevation reference mark at the development site; the second upon the establishment of the structure's footprint prior to pouring the slab or the establishment of the lowest floor in an elevated foundation system; and the final inspection upon completion and submission of the required finished construction elevation certificate.

d.) Verify any required setback distances.

e.) Verify that all placement of fill or grading is according to certified plans. Assure that any fill being used as part of the structure's foundation system is both clean material and properly compacted and placed. A professional certification that any structure built on fill is reasonably safe from flooding can be requested of the builder/developer and the owner/contractor must provide density reports from a licensed testing agency showing that the fill meets a 95% compaction ratio.

f.) Verify adequate placement and size of any required flood vents in regard to the number of openings, their location, size, and height above ground level.

g.) Ensure that a crawlspace has adequate vents or openings and that the interior grade is at or above the exterior grade. The foundation must be vented to comply with the floodplain ordinance as well as the currently adopted building code.

h.) Verify that the structure's utilities, duct work, and HVAC systems are at or above the one-foot (1') freeboard.

i.) Notify adjacent communities, the NFIP State Coordinator, and other federal and/or state agencies with statutory or regulatory authority prior to any alteration or relocation of a watercourse.

j.) Assure that maintenance is provided within the altered or relocated portion of said watercourse so that the flood-carrying capacity is maintained.

k.) Verify and record the actual elevation (in relation to mean sea level) of the lowest floor (including basement) of all new construction and substantially improved buildings, in accordance with Article 4, Section B (3). Information must be recorded on the FEMA Elevation Certificate Form.

l.) Verify and record the actual elevation (in relation to mean sea level) to which the pre-FIRM, non-substantially improved, buildings have been floodproofed, in accordance with Article 4, Section B (3). Information must be recorded on the FEMA Floodproofing Certificate.

m.) Review certified plans and specifications for compliance.

n.) Make the necessary interpretation where interpretation is needed as to the exact location of boundaries of the areas of special flood hazard (for example, where there appears to be a conflict between a mapped boundary and actual field conditions). The person contesting the location of the boundary shall be given a reasonable opportunity to appeal the interpretation as provided in this Article.

o.) Obtain, review and reasonably utilize any base flood elevation and floodway data available from a federal, state or other source when base flood elevation data or floodway data have not been provided in accordance with Article 3, Section B, in order to administer the provisions of Article 5.

p.) Provide information, testimony, or other evidence, as needed during variance request hearings.

q.) Conduct the following actions when damage occurs to a building or buildings:

(i) Determine whether damaged structures are located within the Special Flood Hazard Area;

(ii) Conduct damage assessments for those damaged structures located in the SFHA, and;

(iii) Make a reasonable attempt to notify owner(s) of damaged structure(s) of the requirement to obtain a building permit / floodplain development permit prior to repair, rehabilitation, or reconstruction.

r.) Perform such other inspections as may be required to ensure compliance with the other provisions of this ordinance.

s.) Required to keep all development permit records in perpetuity.

ARTICLE 5. PROVISIONS FOR FLOOD HAZARD REDUCTION.

SECTION A. GENERAL STANDARDS FOR ALL ZONES.

In all areas of special flood hazard the following provisions are required:

(1) New construction and substantial improvements shall be anchored to prevent flotation, collapse and lateral movement of the structure.

(2) Manufactured homes shall be anchored to prevent flotation, collapse, and lateral movement. Methods of anchoring may include, but are not limited to, use of over-the-top or frame ties to ground anchors. Dry stacked blocks (stacked without the use of mortar or cement to bond them together) are not to be used as an anchor/elevation method. This standard shall be in addition to and consistent with applicable state requirements for resisting wind forces.

(3) New construction and substantial improvements shall be constructed with materials and utility equipment resistant to flood damage.

(4) New construction or substantial improvements shall be constructed by methods and practices that minimize flood damage.

(5) Electrical, heating, ventilation, plumbing, air conditioning equipment and other service facilities shall be designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding, such facilities shall be located a minimum one (1) foot above the Base Flood Elevation.

(6) New and replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system.

(7) New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of flood waters into the systems and discharges from the systems

into flood waters.

(8) On-site waste disposal systems shall be located and constructed to avoid impairment to them or contamination from them during flooding.

(9) Any alteration, repair, reconstruction or improvements to a building that is in compliance with the provisions of this ordinance shall meet the requirements of "new construction" as contained in this ordinance.

(10) Any alteration, repair, reconstruction or improvements to a building that is not in compliance with the provisions of this ordinance, shall be undertaken only if said non-conformity shall meet the requirements of "new construction" as contained in this ordinance.

(11) All gas and liquid storage tanks (both above and below ground) shall be adequately anchored to prevent floatation, lateral movement resulting from hydrodynamic forces, and the effects of buoyancy.

(12) When new construction and substantial improvements are located in multiple flood zones or in a flood zone with multiple base flood elevations, they shall meet the requirement for the more stringent flood zone and the highest base flood elevation.

(13) Require that all manufactured homes be placed or installed using methods and practices which minimize flood damage. Manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Dry stacked blocks (stacked without the use of mortar or cement to bond them together) are not allowed within the Special Flood Hazard Area.

(14) New construction and substantial improvement of any building inside the SFHA shall have the lowest floor (including basement) at least one foot above the centerline of the designated street, unless the topography of the property does not allow for strict adherence as determined by the Floodplain Administrator. Areas outside the SFHA shall be elevated in accordance with Article 5, Section B (2).

(15) All new horizontal additions must have the lowest floor and all HVAC, including ductwork, elevated to the regulatory freeboard.

(16) Storage or processing of materials that are hazardous, flammable, explosive, or in time of flooding could become buoyant and pose an obstruction to flow, are prohibited within the community special flood hazard areas, to include identified floodways. Storage of material or equipment not otherwise prohibited shall be firmly anchored to prevent flotation.

(17) New construction and substantial improvements of structures built on fill shall be constructed on properly designed and compacted fill that extends 10 feet to 15 feet beyond the building walls before dropping below the base flood elevation, and shall have appropriate protection from erosion and scour as follows:

a.) Fill sites, upon which structures will be constructed or placed, must be compacted to 95 percent of the maximum density obtainable with the Standard Proctor Test method or an acceptable equivalent method.

b.) Fill slopes shall be no steeper than one foot vertical to two feet horizontal.

c.) Adequate protection against erosion is must be provided for fill slopes. When expected velocities during the occurrence of the base flood are greater than five feet per second, armoring with stone or rock protection or material that will provide equivalent resistance will be provided. When expected velocities during the base flood are five feet per second or appropriate protection shall be provided by covering them with vegetative cover at a minimum.

d.) Fill shall be composed of clean granular or earthen material.

(18) Any proposed development that includes a lake, dam and/or reservoir, whether inside or outside of a SFHA or on an individual lot or in a new subdivision, shall:

a.) Obtain all State and/or Federal permits (i.e. dam safety construction permit, surface water impoundment permit, 404 Permit, etc.) which may be required in connection with the proposed work prior to local permitting. Documentation shall include the designation of the type of dam or reservoir as high, significant or low hazard. A letter from the Mississippi Dam Safety Program will be acceptable documentation should no permitting be required;

b.) Utilize "cluster development" or similar development pattern to ensure that no structures built within the development are located within the dam inundation area, with deed restrictions recorded in tax records to ensure this area is not developed in the future for the protection of life and properties should the dam breach or fail;

c.) Designate the entire inundation area on site and building plans, including any areas outside the proposed new development areas that fall within the inundation area;

d.) A Dam Failure Warning and Response plan that describes the following:

(i) A general description of the dam, including its distance upstream from the community;

(ii) Threat Recognition System for primary and any secondary (backup) threat recognition procedures, and how and when the operator of the dam will notify the local emergency managers of a potential or actual dam breach;

(iii) Procedures for quarterly testing of all equipment and material needed for the system, including how and when the quarterly communication checks between the operator of the dam and emergency service officials will be documented;

(iv) An evacuation plan and corresponding map;

(v) An inventory of all property exposed to dam failure flooding including, but not limited to:

1. Types of buildings (residential, commercial, critical facility, etc.);

2. Count (number per buildings per type);

3. Land use (agricultural, open space, residential, etc.);

4. Developed and undeveloped area within the dam failure inundation area;

5. List of any critical facilities that would be affected;

6. The expected impacts of dam failure flooding on health, safety, community functions (police, fire and utility services) and potential for secondary hazards; and

7. Documentation as to how the numbers of buildings used in the calculations were determined.

e.) A mandatory annual exercise or drill, with all actions taken, will be required in lieu of a response to an actual emergency or disaster during the previous year, with after-action report including lessons learned.

f.) Prior to permitting developer/owner will assist the City with development of a dam failure response operations that describes:

(i) The actions to be taken and implemented when the dam failure flood threatens or occurs;

(ii) Identifying responsible person for each action;

(iii) Defining the time needed to carry out the action activity;

(iv) Designating what actions are conducted by owner, emergency services, the community or others;

(v) Any other information that specified agencies and organizations need in order to perform their assigned responsibilities;

(vi) Notification to all owners of existing structures that fall within the mapped inundation area of the potential danger;

(vii) A data base of people with special needs who require evacuation assistance when a dam failure warning is issued with a plan to provide transportation to secure locations, and of all public and private critical facilities or services that could be affected by a dam failure or that the loss of access would cause a critical situation, including contact persons and arrangements for special warnings and early notifications directly to those that may need advance warning; and

(viii) Each action item must include a list of the personnel, equipment, facilities, supplies and other resources needed to complete each task; and the source of the resource (owner/developer, community, other jurisdictions or private supplier).

SECTION B. STANDARDS FOR X ZONES (SHADED/UNSHADED).

Any area outside the FEMA studied areas lying along blue line streams shown on the United States Department of the Interior Geological Survey quadrants of which the City of Hattiesburg is contained and/or areas with flood prone soils which are contiguous to blue line streams as shown on the City of Hattiesburg Flood Prone Soils Map shall also be considered community flood hazard areas.

(1) Compliance with the City of Hattiesburg's Land Development Code, Ordinance Number 3209, as amended, including, but not limited to, section 9.4 for Natural Stream Buffers, 9.2 for Protection during Land Disturbance Activities, 9.1.7.5 for Detention/Retention Areas and Section 9.5 for Wetlands for all zones, both inside and outside the SFHA.

(2) Compliance with the City of Hattiesburg Code of Ordinances, specifically Section 22-6 regulations for first floor elevation of all structures erected in all zones of the City.

(3) The X Zones (shaded/un-shaded) are considered to be low to moderate risk flood zones and are located outside the community's delineated special flood hazard area and include the following:

a.) Areas outside the one percent (1%) chance flood zone, but within the point 2 percent (0.2%) chance flood zone, as determined by a detailed study;

b.) Areas outside the point 2 percent (0.2%) chance flood zone as determined by a detailed study, and;

c.) Areas that have not yet been studied.

(4) The community reserves the right to require further studies for any development within its jurisdiction, if there is evidence that a potential flood hazard exists. Studies can be used to designate community flood hazard areas. Such evidence may include but shall not be limited to:

a.) Eyewitness reports of historic flooding or other reports of historic flooding deemed credible by the community;

b.) Geologic features observed that resemble floodplains (such as flat areas along streams);

c.) Proximity to manmade or natural constrictions such as road crossings that can cause backwater effects, and;

d.) Drainage basin characteristics such as drainage area, slope, percent impervious cover, land use, etc.

e.) Community Flood Hazard Area (CFHA), which would include areas anywhere within the City within a designated Flood Inundation area, drainage problem areas, street, flash, creek or river flooding areas, erosion areas or an area near or within a breach inundation area downstream of a dam.

SECTION C. SPECIFIC STANDARDS FOR RIVERINE ZONES. (AE ZONES).

In all areas of special flood hazard designated on the community's FIRM, where base flood elevation data have been provided, as set forth in Article 3, Section B, the following provisions, in addition to the standards of Article 5, Section A, are required:

(1) Residential Construction. New construction and substantial improvement of any residential building (including manufactured home) shall have the lowest floor, including basement, elevated one (1) foot above the base flood elevation. Should solid foundation perimeter walls be used to elevate a structure, flood openings sufficient to automatically equalize hydrostatic flood forces on exterior walls of enclosures that are subject to flooding, shall be provided in accordance with standards of Article 5, Section C (4). New development proposals will be designed, to the maximum extent practicable, so residential building sites, walkways, driveways, and roadways are located at natural grade with elevation not less than the base flood elevation and with evacuation routes leading directly out of the special flood hazard area.

(2) Non-Residential Construction. New construction and substantial improvement of any commercial, industrial, or non-residential building (including manufactured building) shall have the lowest floor, including basement, elevated one (1) foot above the base flood elevation. Buildings located in all A Zones may, together with attendant utility and sanitary facilities, be floodproofed in lieu of being elevated provided that all areas of the building below the base flood elevation plus a minimum of one (1) foot of freeboard are water tight with walls substantially impermeable to the passage of water, and use structural components having the capability of resisting hydrostatic and hydrodynamic loads and the effect of buoyancy. Dry floodproofing is allowed only where flood velocities are less than or equal to five feet per second. A registered professional engineer or architect shall certify that the standards of this subsection are satisfied. A Flood Emergency Operation Plan and an Inspection and Maintenance Plan must be provided by the design professional for the building. Such certification shall be provided to the Floodplain Administrator. New development proposals will be designed, to the maximum extent practicable, so non-residential building sites, walkways, driveways, and roadways are located at natural grade with elevation not less than the base flood elevation and with evacuation routes leading directly out of the special flood hazard area.

(3) In special flood hazard areas with base flood elevations (AE Zones) but without floodways, no encroachments, including fill material or structures, shall be permitted unless certification by a registered professional engineer is provided demonstrating that the cumulative effect of the proposed development, when combined with all other existing and anticipated development, will not increase the water surface elevation of the base flood more than one foot at any point within the community. The engineering certification must be supported by technical data that conforms to standard hydraulic engineering principles.

(4) Enclosures. New construction and substantial improvements that include fully enclosed areas formed by foundation and other exterior walls below the lowest floor shall be designed to preclude finished living space and designed to allow for the entry and exit of floodwaters to automatically equalize hydrostatic flood forces on exterior walls. Total enclosed areas will be limited to two hundred ninety-nine (299) square feet. Enclosed areas, including crawl spaces, shall be used solely for parking of vehicles, building access, and storage.

a.) Designs for complying with this requirement must either be certified by a professional engineer or architect or meet or exceed the following criteria:

(i) Provide a minimum of two openings, on different sides of each enclosed area; if a structure has more than one enclosed area below the base flood elevation, each shall have openings on exterior walls;

(ii) The total net area of all openings shall be at least one square inch for each square foot of enclosed area, or the openings shall be designed and the construction documents shall include a statement that the design and installation will provide for equalization of hydrostatic flood forces on exterior walls by allowing for the automatic entry and exit of floodwaters;

(iii) The bottom of all openings shall be no higher than one foot above interior grade (which must be equal to in elevation or higher than the exterior grade);

(iv) Openings shall allow the passage of a three-inch sphere, and

(v) Openings may be equipped with screens, louvers, valves or other coverings or devices provided they permit the automatic flow of floodwaters in both directions and automatically equalize hydrostatic flood loads on exterior walls, and;

b.) Access to the enclosed area shall be minimum necessary to allow for parking of vehicles (garage door) or limited storage of maintenance equipment used in connection with the premises (standard exterior door) or entry to the living area (stairway or elevator); and,

c.) The interior portion of such enclosed area shall not be finished or partitioned into separate rooms.

d.) Property owners shall be required to execute a flood openings/venting affidavit acknowledging that all openings will be maintained as flood vents, and that the elimination or alteration of the openings in any way will violate the requirements of Article 5, Section C. Periodic inspections will be conducted by the Floodplain Administrator to ensure compliance.

(5) Detached storage buildings, sheds, or other like accessory improvements, excluding detached garages, carports, and boat houses, shall solely be used for parking of vehicles and storage and will be allowed up to no more than two hundred ninety-nine (299) square feet of unfinished, non-partitioned and enclosed storage space. Such storage space shall not be used for human habitation and shall be limited to storage of items that can withstand exposure to the elements and have low flood damage potential. The storage space shall be constructed of flood resistant or breakaway materials, and equipment and service utilities, such as electrical outlets, shall be limited to essential lighting and other incidental uses, and must be elevated Flood openings in accordance with the standards of Article 5 Section C (4) shall also be required. These accessory structures shall be constructed and placed on the building site so as to offer the minimum resistance to the flow of floodwaters. Accessory improvements and other appurtenant structures shall be firmly anchored to prevent flotation that may result in damage to other structures.

(6) Property owners shall be required to execute and record with the structure's deed a non-conversion agreement declaring that the area below the lowest floor of the structure or

the detached accessory building shall not be improved, finished or otherwise converted; the community will have the right to inspect the enclosed area.

(7) Standards for Manufactured Homes and Recreational Vehicles.

a.) All manufactured homes placed, or substantially improved, on individual lots or parcels, in existing manufactured home parks or subdivisions, in expansions to existing manufactured home parks or subdivisions, in new manufactured home parks or subdivisions or in substantially improved manufactured home parks or subdivisions, must meet all the requirements for new construction, including elevation and anchoring and the flood openings requirements of Article 5, Section C (4). Manufactured homes must be:

(i) Elevated on a permanent foundation to have its lowest floor elevated to no lower than one (1) foot above the base flood elevation, and;

(ii) Securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement, and;

(iii) Require that all manufactured homes be placed or installed using methods and practices which minimize flood damage. Manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Dry stacked blocks (stacked without the use of mortar or cement to bond them together) are not allowed within the Special Flood Hazard Area.

b.) All manufactured homes placed or substantially improved, excepting manufactured homes that have incurred substantial damage as a result of a flood, in an existing manufactured home park or subdivision must be elevated so that:

(i) The lowest floor of the manufactured home is elevated to no lower than one foot (1') above the base flood elevation and be securely anchored to an adequately anchored foundation support system to resist floatation, collapse, and lateral movement.

c.) All recreational vehicles placed on sites must either:

(i) Be on site for fewer than 180 consecutive days and shall leave the site and obtain a new permit before returning to the same site, and;

(ii) Be fully licensed and ready for highway use, or;

(iii) Must meet all the requirements for new construction, including anchoring and elevation requirements of this Article 5, Section C (7) (a) above.

A recreational vehicle is ready for highway use if it is licensed and insured in accordance with the state of Mississippi motor vehicle regulations, is on its wheels or jacking system, is attached to the site only by quick disconnect type utilities and security devices and has no permanently attached additions.

(8) Floodways. Located within areas of special flood hazard adopted by reference in Article 3, Section B, are areas designated as floodways. Since the floodway is an extremely hazardous area due to the velocity of flood waters which carry debris, potential projectiles and has erosion potential, the following provisions shall apply:

a.) Prohibit encroachments, including fill, new construction, substantial improvements, and other developments unless certification (with supporting technical data) by a registered professional engineer is provided demonstrating that encroachments shall not result in any increase in flood levels during occurrence of the base flood discharge;

b.) If Article 5, Section C (8) (a) above is satisfied, all new construction and substantial improvements shall comply with all applicable flood damage prevention standards of Article 5.

c.) Prohibit the placement of manufactured homes (mobile homes), except in an existing manufactured home (mobile homes) park or subdivision. A replacement manufactured home may be placed on a lot in an existing manufactured home park or subdivision provided the anchoring standards of Article 5, Section A (2), and the standards of Article 5, Section C (1) through (4) and the encroachment standards of this Article 5, Section C (8) (a), are met.

d.) Encouraged uses within the floodway may include: general farming, pasture, outdoor plant nurseries, horticulture, forestry, wildlife sanctuary, game farm, and other similar agricultural, wildlife, and related uses. Also, lawns, gardens, athletic fields, play areas, picnic grounds, and hiking, horseback riding trails and driveways are acceptable uses, provided that they do not employ structures or fill. These encouraged uses may require certification (with supporting technical data) by a registered professional engineer demonstrating that encroachments shall not result in any increase in flood levels during occurrence of the base flood discharge. The uses in this subsection are permissible only if and to the extent that they do not cause any increase in flood levels during the base flood discharge.

SECTION D STANDARDS FOR STREAMS WITHOUT BASE FLOOD ELEVATIONS AND FLOODWAYS.

When base flood elevation data and floodway data are not available in accordance with Article 3, Section A, in Special Flood Hazard Areas new construction and substantial improvements shall be elevated or floodproofed to elevations established by the community. The following provisions in addition to the standards of Article 5 Section A and the enclosure standards of Article 5 Section C (4) shall apply:

(1) Require that all new subdivision proposals and other proposed developments (including proposals for manufactured home parks and subdivisions) that are a single lot or one and one half (1 ½) acres, whichever is lesser, include within such proposals base flood elevation data;

(2) The Floodplain Administrator shall obtain, review, and reasonably utilize any base flood elevation and floodway data available from a federal, state, or other source, in order to administer the provisions of Article 5. When such data are available, standards of Article 5, Section C, shall apply. If data is not available from Article 5 Section D (1) or outside sources, then the following provisions shall apply.

(3) No encroachments, including fill material or other development, shall be located within a distance of the stream bank equal to five times the width of the stream at the top of the bank or twenty feet each side from the top of the bank, whichever is greater, unless certification by a registered professional engineer is provided demonstrating that such encroachment shall not result in any increase in flood levels during the occurrence of the base flood discharge. The enclosure standards of Article 5, Section C (4) shall apply.

(4) The Floodplain Administrator shall require that a single lot applicant develop the base flood elevation for the development site, utilizing accepted engineering practices and procedures. Upon review of the submitted data, the Administrator may accept or reject the proposed base flood elevation. When such data is accepted, standards of Article 5, Section C, shall apply.

(5) Fill within the area of special flood hazard shall result in no net loss of natural floodplain storage. The volume of loss of floodwater storage due to filling in the special flood hazard area shall be offset by providing an equal volume of flood storage by excavation or other compensatory measures at or adjacent to the development site.

(6) Notify, in riverine situations, adjacent communities and the State Coordinating Office prior to any alteration or relocation of a watercourse, and submit copies of such

notifications to FEMA. Assure that the flood carrying capacity within the altered or relocated portion of any watercourse is maintained.

(7) Require that all manufactured homes be placed or installed using methods and practices which minimize flood damage. Manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Dry stacked blocks (stacked without the use of mortar or cement to bond them together) are not allowed within the Special Flood Hazard Area.

SECTION E. STANDARDS FOR SUBDIVISION PROPOSALS AND OTHER PROPOSED DEVELOPMENT.

(1) All subdivision proposals shall be consistent with the need to minimize flood damage;

(2) All subdivision proposals shall have public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize flood damage;

(3) All subdivision proposals shall have adequate drainage provided to reduce exposure to flood hazards, and;

(4) Base flood elevation data shall be provided for all new subdivision proposals and other proposed development (including manufactured home parks and subdivisions), that are a single lot or five acres, whichever is the lesser.

(5) All subdivision and other development proposals which involve disturbing more than .49 acres of land shall include a stormwater management plan which is designed to limit peak runoff from the site to predevelopment levels for the twenty-five (25)-year, twenty four (24) hour frequency storm event. These plans shall be designed to limit adverse impacts to downstream channels and floodplains. Single family residential is excluded as deemed appropriate. Engineering detail and documentation including a stormwater plan for the site shall be required at the time of application as specified in Section 9 of the Land Development Code, Ord. No. 3209.

(6) All preliminary plans for platted subdivisions shall identify the flood hazard area, the floodway boundary, dam breach inundation areas that are required to remain as open space, in accordance with Article 5, Section A-18, and the elevation of the base flood.

(7) All final subdivision plats will provide the boundary of the special flood hazard area, the floodway boundary, dam breach inundation areas that are required to remain as open space, in accordance with Article 5, Section A-18, and the base flood elevations.

(8) In platted subdivisions, all proposed lots or parcels that will be future building sites shall have a minimum buildable area, as defined in the Land Development Code, outside the natural (non-filled) one percent (1%) chance annual floodplain. The buildable area shall be large enough to accommodate any primary structure and associated structures.

(9) Approval shall not be given for streets within a subdivision, which would be subject to flooding in the base flood. All street surfaces must be located above the base flood elevation.

(10) Each proposed parcel must have a designated buildable pad or site above the one percent (1%) chance floodplain. The distance of the buildable pad or site above the one percent (1%) chance floodplain shall depend on the slope of the ground and in accordance with the following table:

Distance in feet from A Zone [one percent (1%) chance floodplain]	Minimum Slope from A Zone – one percent (1%) flood plain to ground level at pad
20	5%
30	3.33%
40	2.50%
50	2.0%

60	1.67%
70	1.43%
80	1.25%
90	1.11%
100	1.0%

Residential and non-residential structures finished floor elevation also must be elevated one and one-half feet (1.5') above the adjacent average grade or one foot (1') above highest adjacent street centerline as per the existing regulation, whichever is higher.

(11) The subdivider/applicant must comply with the following:

a.) Deed restrictions are required on the lot or lots prohibiting construction within the designated special flood hazard area or dam breach inundation areas and the requirement for lowest floor elevation.

b.) Place a statement on the face of the final plat prohibiting construction in the designated area of special flood hazard or dam inundation areas.

SECTION F. CRITICAL FACILITIES.

Construction of new and substantially improved critical facilities shall be located outside the limits of the special flood hazard area (one percent chance floodplain). Construction of new critical facilities shall be permissible within the SFHA only if no feasible alternative site is available and access to the facilities remains available during a 0.2 percent chance flood. Critical facilities constructed within the SFHA shall have the lowest floor elevated three feet six inches (3'6") above the base flood elevation at the site (or to the 0.2 percent chance flood elevation whichever is greater). Floodproofing and sealing measures must be implemented to ensure that toxic substances will not be displaced by or released into floodwaters. Multiple access routes, elevated to or above the 0.2 percent flood elevation, shall be provided to all critical facilities to the maximum extent possible. Critical facilities must not only be protected to or above the 0.2 percent chance flood, but must remain operable during such an event. The community's flood response plan must list facilities considered critical in a flood, since loss of access can cause a critical situation. Other facilities in low risk flood zones that may also be needed to support flood response efforts must be included on the critical facility list. The use of any structure shall not be changed to a critical facility, where such a change in use will render the new critical facility out of conformance with this section. The list of the operators of the critical facilities affected by flooding must be updated at least annually, as part of the community critical facility planning procedures.

ARTICLE 6. VARIANCE PROCEDURES.

SECTION A. DESIGNATION AND DUTIES OF VARIANCE AND APPEALS BOARD.

(1) When it is alleged an error in any requirement, decision, or determination is made by the Floodplain Administrator in the enforcement or administration of this ordinance or a request for a variance with any requirement of this ordinance the Hattiesburg Planning Commission, hereafter known as the "HPC", as established by the City Council of the City of Hattiesburg, shall hear and decide appeals and requests for variances from requirements of this ordinance.

(2) Any person aggrieved by the recommendation of "HPC" may appeal such decision to the City Council

(3) Any person aggrieved by the decision of the City Council may appeal such decision to the Circuit Court, as provided in Mississippi Code Annotated, § 11-51-75 (1972)

(4) Variances from the requirements of this code will not be issued except for:
   a.) functionally dependent historic structures which meet all criteria in Article 6, Section E of this ordinance,
   b.) subdivision studies for properties in an A zone as outlined in Article, 5, Section E-10 and 11 of this ordinance, or
   c.) properties that are fully compliant with wet-floodproofing methods as outlined in the definitions.

SECTION B. VARIANCE PROCEDURES.

In passing upon such applications, the Hattiesburg Planning Commission shall consider all technical evaluations, relevant factors, and standards specified in other sections of this ordinance, and:

(1) The evaluation must be based on the characteristics unique to that property and not be shared by adjacent parcels. The characteristics must pertain to the land itself, not to the structure, its inhabitants, or its owners;

(2) Variances should never be granted for multiple lots, phases of subdivisions, or entire subdivisions;

(3) The danger that materials may be swept onto other lands to the injury of others;

(4) The danger of life and property due to flooding or erosion damage;

(5) The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner and the community;

(6) The importance of the services provided by the proposed facility to the community;

(7) The necessity of the facility to be at a waterfront location, where applicable;

(8) The availability of alternative locations for the proposed use which are not subject to flooding or erosion damage;

(9) The compatibility of the proposed use with existing and anticipated development;

(10) The relationship of the proposed use to the comprehensive plan and floodplain management program for that area;

(11) The safety of access to the property in times of flood for ordinary and emergency vehicles;

(12) The expected heights, velocity, duration, rate of rise, and sediment transport of the floodwaters and the effects of wave action, if applicable, expected at the site, and;

(13) The costs of providing governmental services during and after flood conditions, including maintenance and repair of public utilities and facilities such as sewer, gas, electrical, and water systems, and streets and bridges and culverts.

(14) Upon consideration of factors listed above, and the purpose of this ordinance, the Hattiesburg Planning Commission may attach such conditions to the granting of variances as it deems necessary to further the purposes of this ordinance.

(15) Variances shall not be issued within any designated floodway if any increase in flood levels during the base flood discharge would result.

SECTION C. CONDITIONS FOR VARIANCES.

(1) Variances shall only be issued when there is:

a.) A showing of good and sufficient cause;

b.) A determination that failure to grant the variance would result in exceptional hardship, and;

c.) A determination that the granting of a variance will not result in increased flood heights, additional threats to public expense, create nuisance, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances.

(2) The provisions of this ordinance are minimum standards for flood loss reduction; therefore, any deviation from the standards must be weighed carefully. Variances shall only be issued upon a determination that the variance is the minimum necessary deviation from the requirements of this ordinance, considering the flood hazard, to afford relief. In the instance of a Historic Structure, a determination that the variance is the

minimum necessary so as not to destroy the historic character and design of the building. (See Article 6, Section F.)

(3) Any applicant to whom a variance is granted shall be given written notice specifying the difference between the base flood elevation and the elevation to which the lowest floor is to be built and stating that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced lowest floor elevation.

(4) The Floodplain Administrator shall maintain the records of all appeal actions and report any variances to the Federal Emergency Management Agency and Mississippi Emergency Management Agency upon request. (See Article 6 Section E.)

(5) Upon consideration of the factors listed above and the purposes of this ordinance, the Hattiesburg Planning Commission may attach such conditions to the granting of variances as it deems necessary to further the purposes of this ordinance.

(6) Variances shall not be issued "after the fact."

SECTION D. VARIANCE NOTIFICATION.

Any applicant to whom a variance is granted shall be given written notice over the signature of a community official that:

(1) The issuance of a variance to construct a structure below the base flood elevation will result in increased premium rates for flood insurance up to amounts as high as $25 for $100 of insurance coverage, and;

(2) List the specific variance granted with the minimum requirement that was changed with the approved variance. List the article, section and subsection for which the variance was issued to.

(3) Such construction below the base flood level increases risks to life and property. A copy of the notice shall be recorded by the Floodplain Administrator in the Office of the Chancery Clerk and shall be recorded in a manner so that it appears in the chain of title of the affected parcel of land.

The Floodplain Administrator will maintain a record of all variance actions, including justification for their issuance, and report such variances to the Federal Emergency Management Agency and the Mississippi Emergency Management Agency upon request.

SECTION E. HISTORIC STRUCTURES.

Variances may be issued for the repair or rehabilitation of "historic structures" only upon a determination that the proposed repair or rehabilitation will not preclude the structure's continued designation as a "historic structure" and the variance is the minimum to preserve the historic character and design of the structure.

(1) The building must be a bona-fide "historic structure." As followed by definition.

(2) The project must maintain the historic status of the structure. If the proposed improvements to the structure will result in it being removed from or ineligible for the National Register or federally-certified state or local inventory, then the proposal cannot be granted an exemption from the substantial improvement rule.

(a) Written review and approval of proposed plans by the local historic preservation board and/or the Historic Planner, if it is federally-certified, or by the state historic preservation office. If the plans are approved, you can grant the exemption. If no, no exemption can be permitted.

(3) Take all possible flood damage reduction measures. Even though the exemption to the substantial improvement rule means the building does not have to be elevated to or above BFE or be renovated with flood-resistant materials that are not historically sensitive, many things can and should be done to reduce the flood damage potential. Examples include:

(a) Locating mechanical and electrical equipment above the BFE or floodproofing it.

(b) Elevating the lowest floor of an addition to or above the BFE with the change in floor elevation disguised externally.

(c) Building the lowest floor of an addition with flood-resistant materials and providing hydrostatic openings.

SECTION F. SPECIAL CONDITIONS.

Upon consideration of the factors listed in Article 6, and the purposes of this ordinance, the Hattiesburg Planning Commission may attach such conditions to the granting of variances, as it deems necessary to further the purposes of this ordinance.

SECTION G. FLOODWAY.

Variances shall not be issued within any designated regulatory floodway if any increase in flood levels during the base flood discharge would result.

ARTICLE 7. SEVERABILITY.

If any section, clause, sentence, or phrase of the Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding shall in no way effect the validity of the remaining portions of this Ordinance."

SECTION 2. That Ordinance Number 3247 adopted December 18, 2018, and any other ordinances in conflict thereof are hereby repealed.

SECTION 3. This Ordinance shall take effect and be in force immediately after passage as provided by law. It is vital to the public health, safety, and welfare and is necessary for residents within SHFA to be able to obtain flood insurance.

The foregoing Ordinance having been reduced to writing was introduced by Council Vice President George, seconded by Council Member Brown and was adopted by the following vote, to wit:

YEAS:	**NAYS:**	**ABSENT:**
George	**None**	**None**
Delgado		
Carroll		
Ware		
Brown		

The President thereby declared the motion carried and the Ordinance adopted this the 7th day of **September, 2021.**

(S E A L)

ATTEST:

CLERK OF COUNCIL

ADOPTED:

COUNCIL PRESIDENT

The above and foregoing Ordinance, having been submitted to and approved by the Mayor, this the 7th day of **September, 2021.**

ATTEST:

CITY CLERK

APPROVED:

MAYOR

430

Prepared by: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403-1898
(601)545-4550

Return to: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403
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INDEXING INSTRUCTIONS:

ORDINANCE NUMBER _____

OF THE

CITY OF HATTIESBURG, MISSISSIPPI

AN ORDINANCE AMENDING ORDINANCE NUMBER 3224, ADOPTED JANUARY 2, 2018, TO AMEND CHAPTER 10 OF THE CODE OF ORDINANCES, AND UPDATE THE FLOOD DAMAGE PREVENTION ORDINANCE FOR THE CITY OF HATTIESBURG.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. That Chapter 10 of the Code of Ordinances, be and the same is hereby amended to read as follows, to wit:

FLOOD DAMAGE PREVENTION ORDINANCE

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FLOOD DAMAGE PREVENTION ORDINANCE

ARTICLE 1. STATUTORY AUTHORIZATION, FINDINGS OF FACT, PURPOSE, AND OBJECTIVES.

SECTION A. STATUTORY AUTHORIZATION.

The Legislature of the state of Mississippi has in Title 17, Chapter 1, Mississippi Code of 1972 Annotated delegated the responsibility to local government units to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry. Therefore, the City Council of the City of Hattiesburg does hereby adopt the following floodplain management regulations.

SECTION B. FINDINGS OF FACT.

(1) The City of Hattiesburg is subject to periodic inundation, which results in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base, all of which adversely affect the public health, safety and general welfare.

(2) These flood losses are caused by the cumulative effect of obstructions, both inside and outside the identified Special Flood Hazard Areas, causing increases in flood heights and velocities and by the occupancy in flood hazard areas by uses vulnerable to floods or hazardous to other lands which are inadequately elevated, floodproofed, or otherwise unprotected from flood damages.

SECTION C. STATEMENT OF PURPOSE.

It is the purpose of this ordinance to promote the public health, safety, and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

(1) Restrict or prohibit uses which are dangerous to health, safety, and property due to water or erosion hazards, which result in damaging increases in erosion or in flood heights or velocities;

(2) Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;

(3) Control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of flood waters;

(4) Control filling, grading, dredging, and other development which may increase erosion or flood damage, and;

(5) Prevent or regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands.

SECTION D. OBJECTIVES.

The objectives of this ordinance are:

(1) To protect human life and health;

(2) To minimize expenditure of public money for costly flood control projects;

(3) To minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;

(4) To minimize prolonged business interruptions;

(5) To minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets and bridges located in floodplains;

(6) To help maintain a stable tax base by providing for the sound use and development of flood prone areas in such a manner as to minimize flood blight areas, and;

(7) To ensure that potential homebuyers are notified that property is in a floodprone area.

SECTION E. METHODS OF REDUCING FLOOD LOSSES.

In order to accomplish its purposes, this ordinance includes methods and provisions for:

(1) Restricting or prohibiting uses which are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities;

(2) Requiring that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;

(3) Controlling the alteration of natural floodplains, stream channels, and natural protective barriers, which help accommodate or channel flood waters;

(4) Controlling filling, grading, dredging, and other development which may increase flood damage, and;

(5) Preventing or regulating the construction of flood barriers that will unnaturally divert floodwaters or may increase flood hazards in other areas.

ARTICLE 2. DEFINITIONS.

Unless specifically defined below, words or phrases used in this ordinance shall be interpreted so as to give them the meaning they have in common usage and to give this ordinance it's most reasonable application.

A Zone is the Area of Special Flood Hazard without base flood elevations determined.

AE Zone is the Area of Special Flood Hazard with base flood elevations determined.

Accessory structure (Appurtenant structure) means a structure, which is located on the same parcel of property as the principal structure and the use of which is incidental to the use of the principal structure. Accessory structures should constitute a minimal initial investment, may not be used for human habitation, and be designed to have minimal flood damage potential. Examples of accessory structures are detached garages, carports, storage sheds, pole barns, and hay sheds.

Addition (to an existing building) means any walled and roofed expansion to the perimeter or height of a building. Any addition shall be considered new construction. If the addition is more than 50% of the market value of the structure, then the addition and the existing structure are now new construction.

Appeal means a request for a review of the Floodplain Administrator's interpretation of any provision of this ordinance or a request for a variance.

AR/AE, AR/AH, AR/AO, and AR/A Zones are SFHAs that result from the decertification of a previously accredited flood protection system or levee that is in the process of being restored to provide a one percent chance or greater level of flood protection. After restoration is complete, these areas will still experience residual flooding from other flooding sources.

A99 Zone is that part of the SFHA inundated by the one percent chance flood to be protected from the one percent chance flood by a Federal flood protection system or levee under construction, no base flood elevations are determined.

Area of shallow flooding means a designated AO or AH Zone on the community's Flood Insurance Rate Map (FIRM)

with flood depths from one to three feet where a clearly defined channel does not exist, where the path of flooding is unpredictable and indeterminate, and where velocity flow may be evident. Such flooding is characterized by ponding or sheet flow.

Area of special flood hazard is the land in the floodplain within a community subject to a one percent or greater chance of flooding in any given year. This area is also referred to as the Special Flood Hazard Area (SFHA).

Base flood means the flood having a one percent chance of being equaled or exceeded in any given year (also called the "one percent chance flood").

Base Flood Elevation (BFE) is the elevation shown in the Flood Insurance Study (FIS) for Zones AE, AH, AR, AR/A, AR/AE, AR/AH, AR/AO, and VE that indicates the water surface elevation resulting from a flood that has a one percent or greater chance of being equaled or exceeded in any given year.

Basement means any portion of a building having its floor sub-grade (below ground level) on all sides.

Building see **Structure.**

Cluster Development – See Land Development Code, Ord #3209, as amended, definition; Also see Planned Development.

Community is a political entity and/or its authorized agents or representatives that have the authority to adopt and enforce floodplain ordinances for the area under its jurisdiction.

Community Floodplain Management Map means any map produced by the community utilizing best available base flood elevation and floodway data that is from a federal, state, or other accepted technical source.

Community Rating System (CRS) is a program developed by the Federal Insurance Administration to provide incentives for those communities in the Regular Program that have gone beyond the minimum floodplain management requirements to develop extra measures to provide protection from flooding.

Community Flood Hazard Area (CFHA) is an area that has been determined by the Floodplain Administrator (or other delegated, designated, or qualified community official) from available technical studies, historical information, and other available and reliable sources, which may be subject to periodic inundation by floodwaters that can adversely affect the public health, safety and general welfare. This includes areas downstream from dams/dam breach inundation areas.

Critical facility (also called critical action) means facilities for which the effects of even a slight chance of flooding would be too great. The minimum floodplain of concern for critical facilities is the 0.2 percent chance flood level. Critical facilities include, but are not limited to facilities critical to the health and safety of the public such as: emergency operations centers, designated public shelters, schools, nursing homes, hospitals, police, fire and emergency response installations, vital data storage centers, power generation and water and other utilities (including related infrastructure such as principal points of utility systems) and installations which produce, use or store hazardous materials or hazardous waste (as defined under the Clean Water Act and other Federal statutes and regulations).

D Zone is an area in which the flood hazard is undetermined.

Dam is any artificial barrier, including appurtenant works, constructed to impound or divert water, waste water, liquid borne materials, or solids that may flow if saturated. All structures necessary to maintain the water level in an impoundment or to divert a stream from its course will be considered a dam.

Dam Inundation Area or "DIA" means the area downstream of a dam that would be impacted in the event of a failure or uncontrolled release of water.

Dam Safety Office – The Mississippi Dam Safety Program (MDSP) is implemented by the Department of Environmental Quality, Office of Land & Water Resources. The program is responsible for regulating dams across the state of Mississippi. The goal of the Dam Safety Program is to protect people and property from the damaging consequences of catastrophic dam failures. Dams are classified as high, significant, or low hazard depending on the hazard potential of the dam. The MDSP also issues permit for construction of new dams and for

reconstruction/modifications of existing dams.

Development means any man-made change to improved or unimproved real estate, including, but not limited to, buildings or other structures, mining, dredging, filling, grading, paving, excavating, drilling operations, or storage of materials or equipment.

Dry Floodproofing – see **Floodproofing Methods**

Elevated building means for insurance purposes, a non-basement building which has its lowest elevated floor raised above ground level by foundation walls, shear walls, posts, pilings, columns, or piers.

Elevation Certificate is a FEMA form used as a certified statement that verifies a building's elevation information.

Emergency Program means the first phase under which a community participates in the NFIP. It is intended to provide a first layer amount of insurance coverage for all insurable buildings in that community before the effective date of the initial FIRM.

Enclosures below the Lowest Floor see "Lowest Floor."

Encroachment means the advance or infringement of uses, plant growth, fill, excavation, buildings, structures or development into a floodplain, which may impede or alter the flow capacity of a floodplain.

Executive Order 11988 (Floodplain Management) this order requires that no federally assisted activities be conducted in or have the potential to affect identified Special Flood Hazard Areas, unless there is no practicable alternative.

Executive Order 11990 (Wetlands Protection) this order requires the avoidance of adverse impacts associated with the destruction or modification of wetlands.

Existing Construction means structures for which the "start of construction" commenced before date of 04/03/1970. Existing construction may also be referred to as existing structures.

Existing manufactured home park or subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the floodplain management regulations adopted by a community.

Expansion to an existing manufactured home park or subdivision includes the preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).

Fill means a deposit of earthen materials placed by artificial means.

First Floor Elevation – See Code of Ordinances, Chapter 22, Section 22-6 (Ordinance Number 3024, as amended, for requirement.

Five-Hundred Year Flood means the flood that has a 0.2 percent chance of being equaled or exceeded in any year. Areas subject to the 0.2 percent chance flood have a moderate risk of flooding.

Flood or flooding means:

a.) A general and temporary condition of partial or complete inundation of normally dry land areas from:

1.) The overflow of inland or tidal waters.

2.) The unusual and rapid accumulation or runoff of surface waters from any source.

3.) Mudslides (i.e. mudflows) which are proximately caused by flooding as defined in paragraph (A)(2) of this definition and are akin to a river of liquid and flowing mud on the surfaces of normally dry land areas, as when earth is carried by a current of water and deposited along the path of the current.

b.) The collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as flash flood or an abnormal tidal surge, or by some similarly unusual and unforeseeable event which results in flooding as defined in paragraph (A)(1) of this definition

Flood (insurance definition) means a general and temporary condition of partial or complete inundation of two or more acres of normally dry land areas or of two or more properties (e.g. a building and a public street) from (1) overflow of inland or tidal waters (2) unusual and rapid accumulation or runoff of surface waters (3) mudflows caused by flooding.

Flood Insurance Rate Map (FIRM) means an official map of a community, on which FEMA has delineated both the areas of special flood hazard and the risk premium zones applicable to the community.

Flood Insurance Study (FIS) is the document which provides an examination, evaluation, and determination of flood hazards and, if appropriate, corresponding water surface elevations, or an examination, evaluation, and determination of mudslide and/or flood-related erosion hazards.

Flood Protection Elevation is the base flood elevation plus one (1) foot of freeboard. In areas where no base flood elevations exist from any authoritative source, the flood protection elevation can be historical flood elevations, or base flood elevations determined and/or approved by the floodplain administrator plus freeboard.

Floodplain means any land area susceptible to being inundated by flood waters from any source.

Floodplain Administrator is the individual appointed to administer and enforce the floodplain management regulations.

Floodplain management means the operation of an overall program of corrective and preventive measures for reducing flood damage and preserving and enhancing, where possible, natural resources in the floodplain, including but not limited to emergency preparedness plans, flood control works, floodplain management regulations, and open space plans.

Floodplain management regulations means this ordinance and other zoning ordinances, subdivision regulations, building codes, health regulations, special purpose ordinances, and other applications of police power which control development in flood-prone areas. This term describes federal, state, or local regulations in any combination thereof, which provide standards for preventing and reducing flood loss and damage.

Floodproofing Certificate is an official FEMA form used to certify compliance for non-residential structures in non Coastal High Hazard Areas as an alternative to elevating buildings to or above the base flood elevation.

Floodproofing Methods:

Dry Floodproofing means any combination of structural and nonstructural additions, changes, or adjustments to structures, which reduce or eliminate flood damages to real estate or improved real estate property, water, and sanitary facilities, structures, and their contents. Structures shall be floodproofed with a minimum of 12 inches of freeboard (more is recommended) in relation to the base flood elevation. Dry floodproofing of a pre-FIRM residential or pre-FIRM non-residential structure that has not been substantially damaged or improved is allowed. Dry floodproofing of a post-FIRM residential or post-FIRM non-residential building is not allowed.

Wet floodproofing means a method of construction which allows water to enter a structure in such a way that will minimize damage to the structure and its contents. Wet floodproofing is appropriate for functionally dependent use and uses that facilitate open space use by variance only, structures utilized for parking or limited storage, or when all other techniques are not technically feasible. Wet floodproofing shall not be utilized as a method to satisfy the requirements of this ordinance for bringing substantially damaged or improved structures into compliance. Wet floodproofing is not allowed in lieu of complying with the lowest floor elevation requirements for new residential or non-residential buildings.

Floodway *See Regulatory Floodway.*

Floodway fringe means that area of the special flood hazard area on either side of the regulatory floodway.

Flood Protection Elevation is the base flood elevation plus the community freeboard. In areas where no base flood elevations exist from any authoritative source, the flood protection elevation can be historical flood elevations or base flood elevations determined and/or approved by the floodplain administrator plus freeboard.

Freeboard means a factor of safety, usually expressed in feet above the BFE, which is applied for the purposes of floodplain management. "Freeboard" tends to compensate for the many unknown factors that could contribute to flood heights greater than the height calculated for a selected size flood and floodway conditions, such as wave action, bridge openings, and the hydrological effect of urbanization of the watershed. The City of Hattiesburg's freeboard is one (1) foot above BFE.

Functionally dependent use means a use which cannot perform its intended purpose unless it is located or carried out in close proximity to water. The term includes only docking facilities, port facilities that are necessary for the loading and unloading of cargo or passengers, ship building and ship repair facilities. The term does not include long-term storage, manufacture, processing functions, sales, administrative functions, or service facilities.

Hardship (as related to variances of this ordinance) means the exceptional difficulty that would result from a failure to grant the requested variance. The City Council requires that the variance is exceptional, unusual, and peculiar to the property involved. Mere economic or financial hardship alone is NOT exceptional. Inconvenience, aesthetic considerations, physical handicaps, personal preferences, or the disapproval of one's neighbors likewise cannot, as a rule, qualify as an exceptional hardship. All of these problems can be resolved through other means without granting a variance, even if the alternative is more expensive, or requires the property owner to build elsewhere or put the parcel to a different use than originally intended.

Hazard potential means the possible adverse incremental consequences that result from the release of water or stored contents due to failure of a dam or mis-operation of a dam or appurtenances. The hazard potential classification of a dam does not reflect in any way on the current condition of a dam and its appurtenant structures (e.g. safety, structural integrity, and flood routing capacity).

High hazard dam means a class of dam in which failure may cause loss of life, serious damage to residential, industrial, or commercial buildings; or damage to, or disruption of, important public utilities or transportation facilities such as major highways or railroads. Dams which meet the statutory thresholds for regulation that are proposed for construction in established or proposed residential, commercial, or industrial areas will be assigned this classification, unless the applicant provides convincing evidence to the contrary.

Highest adjacent grade means the highest natural elevation of the ground surface, prior to construction, next to the proposed walls of a building.

Historic Structure means any structure that is:

a.) Listed individually in the National Register of Historic Places (a listing maintained by the Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;

b.) Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic or a district preliminarily determined by the Secretary to qualify as a registered historic district;

c.) Individually listed on the State of Mississippi inventory of historic structures, or;

d.) Individually listed on a local inventory historic places in communities with historic preservation programs that have been certified by an approved state program as determined by the Secretary of the Interior.

Hydrologic and hydraulic engineering analyses means the analyses performed by a professional engineer, registered in the state of Mississippi, in accordance with standard engineering practices as accepted by FEMA, used to determine flood elevations and /or floodway boundaries.

Increased Cost of Compliance (ICC) coverage means under the standard flood insurance policy the cost to repair a substantially flood damaged building that exceeds the minimal repair cost and that is required to bring a substantially damaged building into compliance with the local flood damage prevention ordinance. Acceptable mitigation measures are floodproofing (nonresidential), relocation, elevation, demolition, or any combination thereof. All renewal and new policies with effective dates on or after June 1, 1997, include ICC coverage.

Letter of Map Change (LOMC) is an official FEMA determination, by letter, to amend or revise effective Flood Insurance Rate Maps, Flood Boundary and Floodway Maps, and Flood Insurance Studies.

Letter of Map Amendment (LOMA)
An amendment based on technical data showing that a property was incorrectly included in a designated SFHA, was not elevated by fill (only by a natural grade elevation), and will not be inundated by the one percent chance flood. A LOMA amends the current effective FIRM and establishes that a specific property is not located in a SFHA.

Letter of Map Revision (LOMR)
A revision based on technical data that, usually due to manmade changes, shows changes to flood zones, flood elevations, floodplain and floodway delineations, and planimetric features. One common type of LOMR, a LOMR-F, is a determination concerning whether a structure or parcel has been elevated by fill above the BFE and is, therefore, excluded from the SFHA.

Conditional Letter of Map Revision (CLOMR)
A formal review and comment by FEMA as to whether a proposed project complies with the minimum NFIP floodplain management criteria. A CLOMR does not revise effective Flood Insurance Rate Maps, Flood Boundary and Floodway Maps, or Flood Insurance Studies.

Levee means a man-made structure; usually earthen embankments designed and constructed in accordance with sound engineering practices to contain, control, or divert the flow of water so as to provide protection from temporary flooding.

Levee system means a flood protection system which consists of a levee, or levees, and associated structures, such as closure and drainage devices, which are constructed and operated in accordance with sound engineering practices. For a levee system to be recognized, the following criteria must be met. All closure devices or mechanical systems for internal drainage, whether manual or automatic, must be operated in accordance with an officially adopted operation manual (a copy of which must be provided to FEMA by the operator when levee or drainage system recognition is being sought or revised). All operations must be under the jurisdiction of a Federal or State agency, an agency created by Federal or State law, or an agency of a community participating in the NFIP.

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Low hazard dam means a class of dam in which failure would at the most result in damage to agricultural land, farm buildings (excluding residences), or minor roads.

Lowest adjacent grade means the elevation of the sidewalk, patio, deck support, or basement entryway immediately next to the structure and after the completion of construction. It does not include earth that is placed for aesthetic or landscape reasons around a foundation wall. It does include natural ground or properly compacted fill that comprises a component of a building's foundation system.

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Lowest floor means the lowest floor of the lowest enclosed area (including basement). An unfinished or flood resistant enclosure, used solely for parking of vehicles, building access, or storage, in an area other than a basement, is not considered a building's lowest floor, *provided* that such enclosure is not built so as to render the structure in violation of the non-elevation provisions of this code.

Manufactured home (44 CFR 59.1 definition / FEMA) means a structure, transportable in one or more sections, which is built on a permanent chassis and designed to be used with or without a permanent foundation when attached to the required utilities. The term manufactured home does not include a "recreational vehicle."

Manufactured housing (24 CFR 3280.3 and 3285.5 definitions / HUD) means "...a structure, transportable in one or more sections, which in the traveling mode is 8 body feet or more in width or 40 body feet in length or which when erected on-site is 320 or more square feet, and which is built on a permanent chassis and designed to be used as a

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dwelling with or without a permanent foundation when connected to the required utilities."

Manufactured home park or subdivision means a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale.

Map Amendment means a change to an effective NFIP map that results in the exclusion from the SFHA or an individual structure or a legally described parcel of land that has been inadvertently included in the SFHA (i.e., no alterations of topography have occurred since the date of the first NFIP map that showed the structure or parcel to be within the SFHA. See Letter of Map Change (LOMC) for ways to request a Map Amendment.

Map Panel Number means the four-digit number followed by a letter suffix assigned by FEMA on a FIRM. The first four digits represent the map panel, and the letter suffix represents the number of times the map panel has been revised.
Market value means the property value (as agreed between a willing buyer and seller); excluding the value of land as established by what the local real estate market will bear. Market value can be established by independent certified appraisal; replacement cost depreciated by age of building (Actual Cash Value); or adjusted assessed values.

Mean Sea Level means, for the purposes of the National Flood Insurance Program, the National Geodetic Vertical Datum (NGVD) of 1929, North American Vertical Datum (NAVD) of 1988, or other datum, to which base flood elevations shown on a community's Flood Insurance Rate Map (FIRM) are referenced.

National Flood Insurance Program (NFIP) is the federal program that makes flood insurance available to owners of property in participating communities nationwide through the cooperative efforts of the Federal Government and the private insurance industry.

National Geodetic Vertical Datum (NGVD) means a vertical control, corrected in 1929, used as a reference for establishing varying elevations within the floodplain.

New Construction means a structure or an addition to an existing structure for which the start of construction commenced on or after the effective date of a floodplain management regulation adopted by a community and any subsequent improvements to such structure or the addition.

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New manufactured home park or subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of floodplain regulations adopted by a community.

Non-Residential means, but is not limited to; small business concerns, churches, schools, farm buildings (including grain bins and silos), poolhouses, clubhouses, recreational buildings, mercantile structures, agricultural and industrial structures, warehouses, and hotels and motels with normal room rentals for less than 6 months duration.

North American Vertical Datum (NAVD) of 1988 means a vertical control, corrected in 1988, used as a reference for establishing varying elevations within the floodplain.

Obstruction means, but is not limited to, any dam, wall, wharf, embankment, levee, dike, pile, abutment, protection, excavation, channel construction, bridge, culvert, building, wire, fence, rock, gravel, refuse, fill, structure, vegetation or other material in, along, across or projecting into any watercourse which may alter, impede, retard or change the direction and/or velocity of the flow of water, or due to its location, its propensity to snare or collect debris carried by the flow of water, or its likelihood of being carried downstream.

One Percent Flood (aka 100-Year Flood) is the flood that has a one percent chance of being equaled or exceeded in any given year. Any flood zone that begins with the letter A or V is subject to inundation by the one percent chance flood. Over the life of a 30-year loan, there is a 26-percent chance of experiencing such a flood within the SFHA.

Participating Community is any community that voluntarily elects to participate in the NFIP by adopting and enforcing floodplain management regulations that are consistent with the standards of the NFIP.

Post-FIRM Construction means new construction and substantial improvements for which start of construction occurred after December 31, 1974, or on or after the effective date of the initial FIRM of the community, whichever is

later.

Pre-FIRM Construction means new construction and substantial improvements for which start of construction occurred on or before December 31, 1974, or before the effective date of the initial FIRM of the community, whichever is later.

Probation is a means of FEMA formally notifying participating communities of the first of the two NFIP sanctions due to their failure to correct violations and deficiencies in the administration and enforcement of the local floodplain management regulations.

Public safety and nuisance means anything which is injurious to the safety or health of an entire community or neighborhood, or any considerable number of persons, or unlawfully obstructs the free passage or use, in the customary manner, of any navigable lake, or river, bay, stream, canal, or basin.

Recreational vehicle means a vehicle that is:

a.) Licensed and titled as an RV or park model (not a permanent residence);

b.) Built on a single chassis;

c.) 400 square feet or less when measured at the largest horizontal projection;

d.) Has no attached deck, porch, or shed;

e.) Has quick-disconnect sewage, water, and electrical connectors;

f.) Designed to be self-propelled or permanently towable by a light duty truck, and;

g.) Designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

Regular Program means the second phase of the community's participation in the NFIP in which second layer coverage is available based upon risk premium rates only after FEMA has competed a risk study for the community.

Regulatory floodway means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than one foot.

Repair means the reconstruction or renewal of any part of an existing building for which the start of construction commenced on or after the effective date of a floodplain management regulation adopted by a community and all such regulations effective at the time of permitting must be met.

Repetitive Loss means flood-related damages sustained by a structure on two separate occasions during a 10-year period for which the cost of repairs at the time of each such flood event, on the average, equals or exceeds 25 percent of the market value of the structure before the damage occurred.

Repetitive Loss Property is any insurable building for which two or more claims of more than $1,000 were paid by the National Flood Insurance Program (NFIP) within any rolling 10-year period, since 1978. At least two of the claims must be more than ten days apart but, within ten years of each other. A RL property may or may not be currently insured by the NFIP.

Section 1316 means that section of the National Flood Insurance Act of 1968, as amended, which states that no new flood insurance coverage shall be provided for any property that FEMA finds has been declared by a duly constituted state or local zoning authority or other authorized public body to be in violation of state or local laws, regulations, or ordinances that are intended to discourage or otherwise restrict land development or occupancy in flood-prone areas.

Severe Repetitive Loss Structure means any insured property that has met at least one of the following paid flood loss criteria since 1978, regardless of ownership:

1. Four or more separate claim payments of more than $5,000 each (including building and contents payments); or

2. Two or more separate claim payments (building payments only) where the total of the payments exceeds the current market value of the property.

In either case, two of the claim payments must have occurred within ten years of each other. Multiple losses at the same location within ten days of each other are counted as one loss, with the payment amounts added together.

Significant hazard dam means a dam assigned the significant hazard potential classification where failure may cause damage to main roads, minor railroads, or cause interruption of use, or service of relatively important public utilities.

Special flood hazard area (SFHA) means that portion of the floodplain subject to inundation by the base flood and/or flood-related erosion hazards as shown on a FHBM or FIRM as Zones A, AE, AH, AO, AR, AR/AE, AR/AO, AR/AH, AR/A, A99, or VE.

Start of construction (for other than new construction or substantial improvements under the Coastal Barrier Resources Act P. L. 97-348), includes substantial improvement, and means the date the building permit was issued, provided the actual start of construction, repair, reconstruction, or improvement was within 180 days of the permit date. The actual start means the first placement of permanent construction of a building (including a manufactured home) on a site, such as the pouring of slabs or footings, installation of piles, construction of columns, or any work beyond the stage of excavation or placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for a basement, footings, piers or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main building. For substantial improvement, the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of a building, whether or not that alteration affects the external dimensions of the building.

Structure (for floodplain management purposes), means a walled and roofed building, including a gas or liquid storage tank that is principally above ground, as well as a manufactured home.

Structure (for insurance purposes), means a building with two or more outside rigid walls and a fully secured roof, that is affixed to a permanent site; a manufactured home built on a permanent chassis, transported to it site in one or more sections, and affixed to a permanent foundation; or a travel trailer without wheels, built on a chassis and affixed to a permanent foundation, that is regulated under the community's floodplain management and building ordinances or laws. The term does not include a recreational vehicle or a park trailer or other similar vehicle, except as described in the last part of this definition, or a gas, or a liquid storage tank.

Subrogation means an action brought by FEMA when flood damages have occurred, a flood insurance claim has been paid, and all or part of the damage can be attributed to acts or omissions by a community or other third party.

Substantial Damage means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred. Substantial damage also means flood-related damages sustained by a structure on two separate occasions during a ten (10) year period for which the cost of repairs at the time of each flood event, on the average, equals or exceeds 25 percent of the market value of the structure before the damage occurred.

Substantial Improvement means any combination of reconstruction, rehabilitation, or other improvement of a structure taking place during a 10 year period in which the cumulative percentage of improvement equals or exceeds 50 percent of the current market value of the structure before the "start of construction" of the improvement. .The costs for determining substantial improvement include the costs of additions. This term includes structures which have incurred repetitive loss or substantial damage, regardless of the actual repair work performed.

The term does not apply to:

a.) Any project for improvement of a building required to correct existing violations of state or local existing health, sanitary, or safety code specifications which have been identified by the Code Enforcement Official and

which are minimum necessary to assure safe living conditions, provided that said code deficiencies were not caused by neglect or lack of maintenance on the part of the current or previous owners or;

b.) Any alteration of a "historic structure" provided that the alteration will not preclude the structure's continued designation as a "historic structure."

Substantially improved existing manufactured home parks or subdivisions means manufactured home parks or subdivisions where the repair, reconstruction, rehabilitation or improvement of the streets, utilities and pads equals or exceeds 50 percent of the value of the streets, utilities and pads before the repair, reconstruction or improvement commenced.

Suspension means the removal, with or without probation, of a participating community from the NFIP because the community failed to adopt and enforce the compliant floodplain management regulations required for participation in the NFIP.

Variance is a grant of relief by the community from the requirements of this ordinance.

Violation means the failure of a structure or other development to be fully compliant with this ordinance. A structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in this ordinance is presumed to be in violation until such time as that documentation is provided.

Watercourse means any flowing body of water including a river, creek, stream, or a branch.

Water surface elevation means the height, in relation to the National Geodetic Vertical Datum (NGVD) of 1929, the North American Vertical Datum (NAVD) of 1988, (or other datum, where specified) of floods of various magnitudes and frequencies in the floodplains of coastal or riverine areas.

Wet floodproofing – see **Floodproofing Methods**

X Zones (shaded) are areas of 0.2 percent chance flood that are outside of the SFHA subject to the one percent chance flood with average depths of less than one foot, or with contributing drainage area less than one square mile and areas protected by certified levees from the base flood.

X Zones (unshaded) are areas determined to be outside the 0.2 percent chance floodplain.

Zone means a geographical area shown on a Flood Hazard Boundary Map or a Flood Insurance Rate Map that reflects the severity or type of flooding in the area.

ARTICLE 3. GENERAL PROVISIONS.

SECTION A. LANDS TO WHICH THIS ORDINANCE APPLIES.

This ordinance shall apply to all areas of special flood hazard (SFHA) areas within the jurisdiction of the City Council of the City of Hattiesburg.

SECTION B. BASIS FOR ESTABLISHING THE AREAS OF SPECIAL FLOOD HAZARD.

The areas of special flood hazard identified by the Federal Emergency Management Agency in the current scientific and engineering report entitled "The Flood Insurance Study (FIS) for Forrest County, Mississippi and Incorporated Areas", dated 11/19/2021 with the accompanying Flood Insurance Rate Map(s) (FIRM) (multiple panel) Index No. 28035CIND0C and "The Flood Insurance Study (FIS) for Lamar County, Mississippi and Incorporated Areas", dated 10/18/2019 with the accompanying Flood Insurance Rate Map(s) (FIRM) (multiple panel) Index No. 28073CIND0B and other supporting data, along with Digital Flood Insurance Rate Maps (DFIRM) are adopted by reference and declared to be part of this ordinance. The Flood Insurance Study and maps are on file at the Planning Office of the Department of Urban Development, located at the City Hall Building.

Map Number	Map Revised Date	Map Number	Map Revised Date
28035C0020D	3/2/2010	28035C0114E	11/19/2021
28035C0040D	3/2/2010	28035C0116E	11/19/2021
28035C0085D	3/2/2010	28035C0117F	11/19/2021
28035C0101D	3/2/2010	28035C0118E	11/19/2021
28035C0102D	3/2/2010	28035C0119E	11/19/2021
28035C0103D	3/2/2010	28035C0140E	11/19/2021
28035C0104E	11/19/2021	28035C0155D	3/2/2010
28035C0106D	3/2/2010	28035C0160D	3/2/2010
28035C0107E	11/19/2021	28035C0170D	3/2/2010
28035C0108D	3/2/2010	28035C0180E	11/19/2021
28035C0109F	11/19/2021	28035CIND0C	11/19/2021
28035C0111D	3/2/2010	28073CIND0B	10/18/2019
28035C0112D	3/2/2010		

SECTION C. USE OF PRELIMINARY FLOOD HAZARD DATA.

When Flood Insurance Studies and Preliminary Flood Insurance Rate Maps have been provided by FEMA:

(1) Prior to the issuance of a Letter of Final Determination (LFD) by FEMA, the use of the preliminary flood hazard data shall only be required where no base flood elevations and/or floodway areas exist or where the preliminary base flood elevations or floodway area exceed the base flood elevations and/or floodway widths in the effective flood hazard data provided by FEMA. Such preliminary data may be subject to revision through valid appeals.

(2) Upon the issuance of a Letter of Final Determination (LFD) by FEMA, the revised flood hazard data shall be used and replace all previously effective flood hazard data provided by FEMA for the purposes of administrating these regulations.

Where adopted regulatory standards conflict, the more stringent base flood elevation shall prevail. Preliminary FIS data may be subject to change by a valid appeal.

SECTION D. ESTABLISHMENT OF FLOODPLAIN DEVELOPMENT PERMIT.

A development permit shall be required in conformance with the provision of this ordinance prior to the commencement of any development activities in identified areas of special flood hazard and community flood hazard areas within the community.

SECTION E. COMPLIANCE.

No structure or land shall hereafter be located, extended, converted or structurally altered without full compliance with the terms of this ordinance and other applicable regulations.

SECTION F. ABROGATION AND GREATER RESTRICTIONS.

This ordinance is not intended to repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. However, where this ordinance and another conflict or overlap, whichever imposes the more stringent restrictions shall prevail.

SECTION G. INTERPRETATION.

In the interpretation and application of this ordinance all provisions shall be:

(1) Considered as minimum requirements;

(2) Liberally construed in favor of the governing body, and;

(3) Deemed neither to limit nor repeal any other powers granted under state statutes.

SECTION H: REPETITIVE LOSS STRUCTURES

The community may declare any existing structure as a repetitive loss structure as required to qualify the structure for increased cost of compliance (ICC) benefits allowed by a National Flood Insurance Program flood policy claim. To be declared a repetitive loss structure, the following conditions must be met:

(1) The structure must have a flood insurance policy that includes the increased cost of compliance coverage and;

(2) The structure must have been flooded twice during a ten-year period with each flood event causing damage for which the repair cost equaled or exceeded 25% of the market value of the structure.

SECTION I. WARNING AND DISCLAIMER OF LIABILITY.

The degree of flood protection required by this ordinance is considered reasonable for regulatory purposes and is based on scientific and engineering consideration. Larger floods can and will occur on rare occasions. Flood heights may be increased by man-made or natural causes. This ordinance does not imply that land outside the areas of special flood hazard and community flood hazard areas or uses permitted within such areas will be free from flooding or flood damages. This ordinance shall not create liability on the part of City Council of the City of Hattiesburg or by any officer or employee thereof for any flood damages that result from reliance on this ordinance or any administrative decision lawfully made hereunder.

SECTION J. ENFORCEMENT, PENALTIES, AND VIOLATIONS.

Civil penalties. Violation of the provisions of this ordinance or failure to comply with any of its requirements, including violation of conditions and safeguards established in connection with grants of variance or special exceptions, shall constitute a misdemeanor. Any person who violates this ordinance or fails to comply with any of its requirements shall, upon conviction thereof, be fined not more than one thousand dollars ($1,000) or imprisoned for not more than ninety (90) days, or both, and in addition, shall pay all costs and expenses involved in the case. Each day such violation continues shall be considered a separate offense. Nothing herein contained shall prevent the Floodplain Administrator from taking such other lawful actions as are necessary to prevent or remedy any violation.

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ARTICLE 4. ADMINISTRATION.

SECTION A. DESIGNATION OF FLOOD DAMAGE PREVENTION ORDINANCE ADMINISTRATOR.

The City Council of the City of Hattiesburg hereby appoints the Planning Administrator to administer and implement the provisions of this ordinance and is herein referred to as the Floodplain Administrator and/or the administrator.

SECTION B. PERMIT PROCEDURES.

Application for a Development Permit shall be made to the Floodplain Administrator on forms furnished by him or her prior to any development activities, and may include, but not be limited to, the following plans in duplicate drawn to scale showing the nature, location, dimensions, and elevations of the area in question; existing or proposed structures, earthen fill, storage of materials or equipment, drainage facilities, and the location of the foregoing.

Specifically, the following information is required:

(1) Application Stage.

a.) Elevation in relation to mean sea level of the proposed lowest floor (including basement) of all buildings, which will be submitted on a FEMA Elevation Certificate Form by a State of Mississippi registered engineer or surveyor;

b.) Elevation in relation to mean sea level to which any pre-FIRM residential or pre-FIRM non-residential building, that has not been substantially damaged or improved, in an A or AE Zone will be floodproofed;

c.) Certificate from a State of Mississippi registered professional engineer or architect that the pre-FIRM residential or pre-FIRM non- residential flood-proofed building will meet the floodproofing criteria in Article 4, Section B (2), and Article 5, Section C (2);

d.) No floodplain development permit can be issued to any mobile, modular, or permanently constructed residence, building or facility unless the owner, lessee, or developer obtains a Notice of Intent from the Mississippi State Health Department, pursuant to the MS Individual On-Site Wastewater Disposal System Law (2009), for un-sewered areas of the City.

e.) Description of the extent to which any watercourse will be altered or relocated as result of proposed development as outlined in Article 4, Section C 4-b.

(2) Construction Stage:

Upon placement of the lowest horizontal structural member or lowest floor (whichever is applicable per the flood zone), or pre-FIRM flood-proofing by pre-approved construction means, it shall be the duty of the permit holder to submit to the Floodplain Administrator a certificate of the NAVD elevation as built in relation to mean sea level. Said certification shall be prepared by a state of Mississippi registered engineer or surveyor. When floodproofing is utilized for a particular building, said certification shall be prepared by a state of Mississippi registered engineer or architect, who is authorized by the state of Mississippi to certify such information and certified by same. Any approved floodproofing shall be required to be one (1) foot above the base flood elevation.

Any work undertaken prior to submission of the certification shall be at the permit holder's risk. The Floodplain Administrator shall review the lowest horizontal structural member or lowest floor (whichever is applicable per the flood zone) and floodproofing elevation certificate data submitted. The permit holder, immediately and prior to further progressive work being permitted to proceed, shall correct deficiencies detected by such review. Failure to submit the certificate or failure to make said corrections required hereby shall be cause to issue a stop-work order for the project.

In any lot or lots/areas that have been removed from the special flood hazard area via a Letter of Map Revision Based on Fill, and if the top of fill level is below the freeboard elevation, all new structures, additions to existing buildings or substantial improvement must meet the required community freeboard elevation.

(3) Finished Construction:

Upon completion of construction, a FEMA Elevation Certificate Form which depicts all finished construction elevations is required to be submitted to the Floodplain Administrator. If the project includes a floodproofing measure, a FEMA floodproofing certificate is required to be submitted by the permit holder to the Floodplain Administrator.

SECTION C. POWERS, DUTIES, AND RESPONSIBILITIES OF THE FLOODPLAIN ADMINISTRATOR.

The Floodplain Administrator and his or her designated staff is hereby authorized and directed to enforce the provisions of this ordinance. The Administrator is further authorized to render interpretations of this ordinance, which are consistent with its spirit and purpose.

(1) Right of Entry

a.) Whenever necessary to make an inspection to enforce any of the provisions of this ordinance, or whenever the Administrator has reasonable cause to believe that there exists in any building or upon any premises any condition or ordinance violation which makes such building, structure or premises unsafe, dangerous or hazardous, the Administrator may enter such building, structure or premises at all reasonable times to inspect the same or perform any duty imposed upon the Administrator by this ordinance.

b.) If such building or premises are occupied, the Administrator shall first present proper credentials and request entry. If such building, structure, or premises are unoccupied, he shall first make a reasonable effort to locate the owner or other persons having charge or control of such building or premises.

c.) If entry is refused, the Administrator shall have recourse to every remedy provided by law to secure entry.

d.) When the Administrator shall have first obtained a proper inspection warrant or other remedy provided by law to secure entry, no owner or occupant or any other persons having charge, care or control of any building, structure, or premises shall fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the Administrator for the purpose of inspection and examination pursuant to this ordinance.

(2) Stop Work Orders

a.) Upon notice from the Administrator, work on any building, structure or premises that is being performed contrary to the provisions of this ordinance shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to his or her agent, or to the person doing the work, and shall state the conditions under which work may be resumed.

(3) Revocation of Permits

a.) The Administrator may revoke a permit or approval, issued under the provisions of this ordinance, in case there has been any false statement or misrepresentation as to the material fact in the application or plans on which the permit or approval was based.

b.) The Administrator may revoke a permit upon determination that the construction, erection, alteration, repair, moving, demolition, installation, or replacement of the structure for which the permit was issued is in violation of, or not in conformity with, the provisions of this ordinance.

(4) Duties of the Administrator

Duties of the administrator shall include, but not be limited to:

a.) Review all development permits to assure that the permit requirements of this ordinance have been satisfied.

b.) Review proposed development to assure that all necessary permits have been received from those governmental agencies from which approval is required by Federal or State law, including section 404 of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. 1334 and permits from state agencies for any construction, reconstruction, repair, or alteration of a dam, reservoir, or waterway obstruction (including bridges, culverts, structures), any alteration of a watercourse, or any change of

the course, current, or cross section of a stream or body of water, including any change to the 100-year frequency floodplain of free-flowing non-tidal waters of the State. Additionally, require the permittee to obtain and submit copies of any required federal or state permits and maintain them on file with the development permit.

c.) Perform a minimum of three inspections to ensure that all applicable ordinance and floodplain development requirements have been satisfied. The first inspection upon the establishment of the Base Flood Elevation reference mark at the development site; the second upon the establishment of the structure's footprint prior to pouring the slab or the establishment of the lowest floor in an elevated foundation system; and the final inspection upon completion and submission of the required finished construction elevation certificate.

d.) Verify any required setback distances.

e.) Verify that all placement of fill or grading is according to certified plans. Assure that any fill being used as part of the structure's foundation system is both clean material and properly compacted and placed. A professional certification that any structure built on fill is reasonably safe from flooding can be requested of the builder/developer and the owner/contractor must provide density reports from a licensed testing agency showing that the fill meets a 95% compaction ratio.

f.) Verify adequate placement and size of any required flood vents in regard to the number of openings, their location, size, and height above ground level.

g.) Ensure that a crawlspace has adequate vents or openings and that the interior grade is at or above the exterior grade. The foundation must be vented to comply with the floodplain ordinance as well as the currently adopted building code.

h.) Verify that the structure's utilities, duct work, and HVAC systems are at or above the one-foot (1') freeboard.

i.) Notify adjacent communities, the NFIP State Coordinator, and other federal and/or state agencies with statutory or regulatory authority prior to any alteration or relocation of a watercourse.

j.) Assure that maintenance is provided within the altered or relocated portion of said watercourse so that the flood-carrying capacity is maintained.

k.) Verify and record the actual elevation (in relation to mean sea level) of the lowest floor (including basement) of all new construction and substantially improved buildings, in accordance with Article 4, Section B (3). Information must be recorded on the FEMA Elevation Certificate Form.

l.) Verify and record the actual elevation (in relation to mean sea level) to which the pre-FIRM, non-substantially improved, buildings have been floodproofed, in accordance with Article 4, Section B (3). Information must be recorded on the FEMA Floodproofing Certificate.

m.) Review certified plans and specifications for compliance.

n.) Make the necessary interpretation where interpretation is needed as to the exact location of boundaries of the areas of special flood hazard (for example, where there appears to be a conflict between a mapped boundary and actual field conditions). The person contesting the location of the boundary shall be given a reasonable opportunity to appeal the interpretation as provided in this Article.

o.) Obtain, review and reasonably utilize any base flood elevation and floodway data available from a federal, state or other source when base flood elevation data or floodway data have not been provided in accordance with Article 3, Section B, in order to administer the provisions of Article 5.

p.) Provide information, testimony, or other evidence, as needed during variance request hearings.

q.) Conduct the following actions when damage occurs to a building or buildings:

(i) Determine whether damaged structures are located within the Special Flood Hazard Area;

(ii) Conduct damage assessments for those damaged structures located in the SFHA, and;

(iii) Make a reasonable attempt to notify owner(s) of damaged structure(s) of the requirement to obtain a building permit / floodplain development permit prior to repair, rehabilitation, or reconstruction.

r.) Perform such other inspections as may be required to ensure compliance with the other provisions of this ordinance.

s.) Required to keep all development permit records in perpetuity.

ARTICLE 5. PROVISIONS FOR FLOOD HAZARD REDUCTION.

SECTION A. GENERAL STANDARDS FOR ALL ZONES.

In all areas of special flood hazard the following provisions are required:

(1) New construction and substantial improvements shall be anchored to prevent flotation, collapse and lateral movement of the structure.

(2) Manufactured homes shall be anchored to prevent flotation, collapse, and lateral movement. Methods of anchoring may include, but are not limited to, use of over-the-top or frame ties to ground anchors. Dry stacked blocks (stacked without the use of mortar or cement to bond them together) are not to be used as an anchor/elevation method. This standard shall be in addition to and consistent with applicable state requirements for resisting wind forces.

(3) New construction and substantial improvements shall be constructed with materials and utility equipment resistant to flood damage.

(4) New construction or substantial improvements shall be constructed by methods and practices that minimize flood damage.

(5) Electrical, heating, ventilation, plumbing, air conditioning equipment and other service facilities shall be designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding, such facilities shall be located a minimum one (1) foot above the Base Flood Elevation.

(6) New and replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system.

(7) New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of flood waters into the systems and discharges from the systems into flood waters.

(8) On-site waste disposal systems shall be located and constructed to avoid impairment to them or contamination from them during flooding.

(9) Any alteration, repair, reconstruction or improvements to a building that is in compliance with the provisions of this ordinance shall meet the requirements of "new construction" as contained in this ordinance.

(10) Any alteration, repair, reconstruction or improvements to a building that is not in compliance with the provisions of this ordinance, shall be undertaken only if said non-conformity shall meet the requirements of "new construction" as contained in this ordinance.

(11) All gas and liquid storage tanks (both above and below ground) shall be adequately anchored to prevent floatation, lateral movement resulting from hydrodynamic forces, and the effects of buoyancy.

(12) When new construction and substantial improvements are located in multiple flood zones or in a flood zone with multiple base flood elevations, they shall meet the requirement for the more stringent flood zone and the highest base flood elevation.

(13) Require that all manufactured homes be placed or installed using methods and practices which minimize flood damage. Manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Dry stacked blocks (stacked without the use of mortar or cement to bond them together) are not allowed within the Special Flood Hazard Area.

(14) New construction and substantial improvement of any building inside the SFHA shall have the lowest floor (including basement) at least one foot above the centerline of the designated street, unless the topography of the property does not allow for strict adherence as determined by the Floodplain Administrator. Areas outside the SFHA shall be elevated in accordance with Article 5, Section B (2).

(15) All new horizontal additions must have the lowest floor and all HVAC, including ductwork, elevated to the regulatory freeboard.

(16) Storage or processing of materials that are hazardous, flammable, explosive, or in time of flooding could become buoyant and pose an obstruction to flow, are prohibited within the community special flood hazard areas, to include identified floodways. Storage of material or equipment not otherwise prohibited shall be firmly anchored to prevent flotation.

(17) New construction and substantial improvements of structures built on fill shall be constructed on properly designed and compacted fill that extends 10 feet to 15 feet beyond the building walls before dropping below the base flood elevation, and shall have appropriate protection from erosion and scour as follows:

a.) Fill sites, upon which structures will be constructed or placed, must be compacted to 95 percent of the maximum density obtainable with the Standard Proctor Test method or an acceptable equivalent method.

b.) Fill slopes shall be no steeper than one foot vertical to two feet horizontal.

c.) Adequate protection against erosion is must be provided for fill slopes. When expected velocities during the occurrence of the base flood are greater than five feet per second, armoring with stone or rock protection or material that will provide equivalent resistance will be provided. When expected velocities during the base flood are five feet per second or appropriate protection shall be provided by covering them with vegetative cover at a minimum.

d.) Fill shall be composed of clean granular or earthen material.

(18) Any proposed development that includes a lake, dam and/or reservoir, whether inside or outside of a SFHA or on an individual lot or in a new subdivision, shall:

a.) Obtain all State and/or Federal permits (i.e. dam safety construction permit, surface water impoundment permit, 404 Permit, etc.) which may be required in connection with the proposed work prior to local permitting. Documentation shall include the designation of the type of dam or reservoir as high, significant or low hazard. A letter from the Mississippi Dam Safety Program will be acceptable documentation should no permitting be required;

b.) Utilize "cluster development" or similar development pattern to ensure that no structures built within the development are located within the dam inundation area, with deed restrictions recorded in tax records to ensure this area is not developed in the future for the protection of life and properties should the dam breach or fail;

c.) Designate the entire inundation area on site and building plans, including any areas outside the proposed new development areas that fall within the inundation area;

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d.) A Dam Failure Warning and Response plan that describes the following:

(i) A general description of the dam, including its distance upstream from the community;

(ii) Threat Recognition System for primary and any secondary (backup) threat recognition procedures, and how and when the operator of the dam will notify the local emergency managers of a potential or actual dam breach;

(iii) Procedures for quarterly testing of all equipment and material needed for the system, including how and when the quarterly communication checks between the operator of the dam and emergency service officials will be documented;

(iv) An evacuation plan and corresponding map;

(v) An inventory of all property exposed to dam failure flooding including, but not limited to:

1. Types of buildings (residential, commercial, critical facility, etc.);

2. Count (number per buildings per type);

3. Land use (agricultural, open space, residential, etc.);

4. Developed and undeveloped area within the dam failure inundation area;

5. List of any critical facilities that would be affected;

6. The expected impacts of dam failure flooding on health, safety, community functions (police, fire and utility services) and potential for secondary hazards; and

7. Documentation as to how the numbers of buildings used in the calculations were determined.

e.) A mandatory annual exercise or drill, with all actions taken, will be required in lieu of a response to an actual emergency or disaster during the previous year, with after-action report including lessons learned.

f.) Prior to permitting developer/owner will assist the City with development of a dam failure response operations that describes:

(i) The actions to be taken and implemented when the dam failure flood threatens or occurs;

(ii) Identifying responsible person for each action;

(iii) Defining the time needed to carry out the action activity;

(iv) Designating what actions are conducted by owner, emergency services, the community or others;

(v) Any other information that specified agencies and organizations need in order to perform their assigned responsibilities;

(vi) Notification to all owners of existing structures that fall within the mapped inundation area of the potential danger;

(vii) A data base of people with special needs who require evacuation assistance when a dam failure warning is issued with a plan to provide transportation to secure locations, and of all public and private critical facilities or services that could be affected by a dam failure or that the loss of access would cause a critical situation, including contact persons and arrangements for special warnings and early notifications directly to those that may need advance warning; and

(viii) Each action item must include a list of the personnel, equipment, facilities, supplies and other resources needed to complete each task; and the source of the resource (owner/developer, community, other jurisdictions or private supplier).

SECTION B. STANDARDS FOR X ZONES (SHADED/UNSHADED).

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Any area outside the FEMA studied areas lying along blue line streams shown on the United States Department of the Interior Geological Survey quadrants of which the City of Hattiesburg is contained and/or areas with flood prone soils which are contiguous to blue line streams as shown on the City of Hattiesburg Flood Prone Soils Map shall also be considered community flood hazard areas.

(1) Compliance with the City of Hattiesburg's Land Development Code, Ordinance Number 3209, as amended, including, but not limited to, section 9.4 for Natural Stream Buffers, 9.2 for Protection during Land Disturbance Activities, 9.1.7.5 for Detention/Retention Areas and Section 9.5 for Wetlands for all zones, both inside and outside the SFHA.

(2) Compliance with the City of Hattiesburg Code of Ordinances, specifically Section 22-6 regulations for first floor elevation of all structures erected in all zones of the City.

(3) The X Zones (shaded/un-shaded) are considered to be low to moderate risk flood zones and are located outside the community's delineated special flood hazard area and include the following:

a.) Areas outside the one percent (1%) chance flood zone, but within the point 2 percent (0.2%) chance flood zone, as determined by a detailed study;

b.) Areas outside the point 2 percent (0.2%) chance flood zone as determined by a detailed study, and;

c.) Areas that have not yet been studied.

(4) The community reserves the right to require further studies for any development within its jurisdiction, if there is evidence that a potential flood hazard exists. Studies can be used to designate community flood hazard areas. Such evidence may include but shall not be limited to:

a.) Eyewitness reports of historic flooding or other reports of historic flooding deemed credible by the community;

b.) Geologic features observed that resemble floodplains (such as flat areas along streams);

c.) Proximity to manmade or natural constrictions such as road crossings that can cause backwater effects, and;

d.) Drainage basin characteristics such as drainage area, slope, percent impervious cover, land use, etc.

e.) Community Flood Hazard Area (CFHA), which would include areas anywhere within the City within a designated Flood Inundation area, drainage problem areas, street, flash, creek or river flooding areas, erosion areas or an area near or within a breach inundation area downstream of a dam.

Commented [LG6]: This section is in the 2018 Flood Ord but not in the 2020 Model Ord. Asking MEMA for clarification

SECTION C. SPECIFIC STANDARDS FOR RIVERINE ZONES. (AE ZONES).

Commented [LG7]: Changed COH's title to match model ordinance

In all areas of special flood hazard designated on the community's FIRM, where base flood elevation data have been provided, as set forth in Article 3, Section B, the following provisions, in addition to the standards of Article 5, Section A, are required:

(1) Residential Construction. New construction and substantial improvement of any residential building (including manufactured home) shall have the lowest floor, including basement, elevated one (1) foot above the base flood elevation. Should solid foundation perimeter walls be used to elevate a structure, flood openings sufficient to automatically equalize hydrostatic flood forces on exterior walls of enclosures that are subject to flooding, shall be provided in accordance with standards of Article 5, Section C (4). New development proposals will be designed, to the maximum extent practicable, so residential building sites, walkways, driveways, and roadways are located at natural grade with elevation not less than the base flood elevation and with evacuation routes leading directly out of the special flood hazard area.

(2) Non-Residential Construction. New construction and substantial improvement of any commercial, industrial, or non-residential building (including manufactured building) shall have the lowest floor, including basement, elevated one (1) foot above the base flood elevation. Buildings located in all A Zones may, together with attendant utility and sanitary facilities, be floodproofed in lieu of being elevated provided that all areas of the building below the base flood elevation plus a minimum of one (1) foot of freeboard are water tight with walls substantially impermeable to the passage of water, and use structural components having the capability of resisting hydrostatic and hydrodynamic loads and the effect of buoyancy. Dry floodproofing is allowed only where flood velocities are less than or equal to five feet per second. A registered professional engineer or architect shall certify that the standards of this subsection are satisfied. A Flood Emergency Operation Plan and an Inspection and Maintenance Plan must be provided by the design professional for the building. Such certification shall be provided to the Floodplain Administrator. New development proposals will be designed, to the maximum extent practicable, so non-residential building sites, walkways, driveways, and roadways are located at natural grade with elevation not less than the base flood elevation and with evacuation routes leading directly out of the special flood hazard area.

(3) In special flood hazard areas with base flood elevations (AE Zones) but without floodways, no encroachments, including fill material or structures, shall be permitted unless certification by a registered professional engineer is provided demonstrating that the cumulative effect of the proposed development, when combined with all other existing and anticipated development, will not increase the water surface elevation of the base flood more than one foot at any point within the community. The engineering certification must be supported by technical data that conforms to standard hydraulic engineering principles.

(4) Enclosures. New construction and substantial improvements that include fully enclosed areas formed by foundation and other exterior walls below the lowest floor shall be designed to preclude finished living space and designed to allow for the entry and exit of floodwaters to automatically equalize hydrostatic flood forces on exterior walls. Total enclosed areas will be limited to two hundred ninety-nine (299) square feet. Enclosed areas, including crawl spaces, shall be used solely for parking of vehicles, building access, and storage.

a.) Designs for complying with this requirement must either be certified by a professional engineer or architect or meet or exceed the following criteria:

(i) Provide a minimum of two openings, on different sides of each enclosed area; if a structure has more than one enclosed area below the base flood elevation, each shall have openings on exterior walls;

(ii) The total net area of all openings shall be at least one square inch for each square foot of enclosed area, or the openings shall be designed and the construction documents shall include a statement that the design and installation will provide for equalization of hydrostatic flood forces on exterior walls by allowing for the

automatic entry and exit of floodwaters;

(iii) The bottom of all openings shall be no higher than one foot above interior grade (which must be equal to in elevation or higher than the exterior grade);

(iv) Openings shall allow the passage of a three-inch sphere, and

(v) Openings may be equipped with screens, louvers, valves or other coverings or devices provided they permit the automatic flow of floodwaters in both directions and automatically equalize hydrostatic flood loads on exterior walls, and;

b.) Access to the enclosed area shall be minimum necessary to allow for parking of vehicles (garage door) or limited storage of maintenance equipment used in connection with the premises (standard exterior door) or entry to the living area (stairway or elevator); and,

c.) The interior portion of such enclosed area shall not be finished or partitioned into separate rooms.

d.) Property owners shall be required to execute a flood openings/venting affidavit acknowledging that all openings will be maintained as flood vents, and that the elimination or alteration of the openings in any way will violate the requirements of Article 5, Section C. Periodic inspections will be conducted by the Floodplain Administrator to ensure compliance.

(5) Detached storage buildings, sheds, or other like accessory improvements, excluding detached garages, carports, and boat houses, shall solely be used for parking of vehicles and storage and will be allowed up to no more than two hundred ninety-nine (299) square feet of unfinished, non-partitioned and enclosed storage space. Such storage space shall not be used for human habitation and shall be limited to storage of items that can withstand exposure to the elements and have low flood damage potential. The storage space shall be constructed of flood resistant or breakaway materials, and equipment and service utilities, such as electrical outlets, shall be limited to essential lighting and other incidental uses, and must be elevated Flood openings in accordance with the standards of Article 5 Section C (4) shall also be required. These accessory structures shall be constructed and placed on the building site so as to offer the minimum resistance to the flow of floodwaters. Accessory improvements and other appurtenant structures shall be firmly anchored to prevent flotation that may result in damage to other structures.

Commented [LG8]: MEMA Model adds "or floodproofed" but COH is not adding this option

(6) Property owners shall be required to execute and record with the structure's deed a non-conversion agreement declaring that the area below the lowest floor of the structure or the detached accessory building shall not be improved, finished or otherwise converted; the community will have the right to inspect the enclosed area.

(7) Standards for Manufactured Homes and Recreational Vehicles.

a.) All manufactured homes placed, or substantially improved, on individual lots or parcels, in existing manufactured home parks or subdivisions, in expansions to existing manufactured home parks or subdivisions, in new manufactured home parks or subdivisions or in substantially improved manufactured home parks or subdivisions, must meet all the requirements for new construction, including elevation and anchoring and the flood openings requirements of Article 5, Section C (4). Manufactured homes must be:

(i) Elevated on a permanent foundation to have its lowest floor elevated to no lower than one (1) foot above the base flood elevation, and;

(ii) Securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement, and;

(iii) Require that all manufactured homes be placed or installed using methods and

Commented [LG9]: Same language added as earlier in Model Ord for "dry stacked blocks"

practices which minimize flood damage. Manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Dry stacked blocks (stacked without the use of mortar or cement to bond them together) are not allowed within the Special Flood Hazard Area.

b.) All manufactured homes placed or substantially improved, excepting manufactured homes that have incurred substantial damage as a result of a flood, in an existing manufactured home park or subdivision must be elevated so that:

(i) The lowest floor of the manufactured home is elevated to no lower than one foot (1') above the base flood elevation and be securely anchored to an adequately anchored foundation support system to resist floatation, collapse, and lateral movement.

c.) All recreational vehicles placed on sites must either:

(i) Be on site for fewer than 180 consecutive days and shall leave the site and obtain a new permit before returning to the same site, and;

(ii) Be fully licensed and ready for highway use, or;

(iii) Must meet all the requirements for new construction, including anchoring and elevation requirements of this Article 5, Section C (7) (a) above.

A recreational vehicle is ready for highway use if it is licensed and insured in accordance with the state of Mississippi motor vehicle regulations, is on its wheels or jacking system, is attached to the site only by quick disconnect type utilities and security devices and has no permanently attached additions.

(8) Floodways. Located within areas of special flood hazard adopted by reference in Article 3, Section B, are areas designated as floodways. Since the floodway is an extremely hazardous area due to the velocity of flood waters which carry debris, potential projectiles and has erosion potential, the following provisions shall apply:

a.) Prohibit encroachments, including fill, new construction, substantial improvements, and other developments unless certification (with supporting technical data) by a registered professional engineer is provided demonstrating that encroachments shall not result in any increase in flood levels during occurrence of the base flood discharge;

b.) If Article 5, Section C (8) (a) above is satisfied, all new construction and substantial improvements shall comply with all applicable flood damage prevention standards of Article 5.

c.) Prohibit the placement of manufactured homes (mobile homes), except in an existing manufactured home (mobile homes) park or subdivision. A replacement manufactured home may be placed on a lot in an existing manufactured home park or subdivision provided the anchoring standards of Article 5, Section A (2), and the standards of Article 5, Section C (1) through (4) and the encroachment standards of this Article 5, Section C (8) (a), are met.

d.) Encouraged uses within the floodway may include: general farming, pasture, outdoor plant nurseries, horticulture, forestry, wildlife sanctuary, game farm, and other similar agricultural, wildlife, and related uses. Also, lawns, gardens, athletic fields, play areas, picnic grounds, and hiking, horseback riding trails and driveways are acceptable uses, provided that they do not employ structures or fill. These encouraged uses may require certification (with supporting technical data) by a registered professional engineer demonstrating that encroachments shall not result in any increase in flood levels during occurrence of the base flood discharge. The uses in this subsection are permissible only if and to the extent that they do not cause any increase in flood levels during the base flood discharge.

SECTION D STANDARDS FOR STREAMS WITHOUT BASE FLOOD ELEVATIONS AND FLOODWAYS.

When base flood elevation data and floodway data are not available in accordance with Article 3, Section A, in Special Flood Hazard Areas new construction and substantial improvements shall be elevated or floodproofed to elevations established by the community. The following provisions in addition to the standards of Article 5 Section A and the enclosure standards of Article 5 Section C (4) shall apply:

(1) Require that all new subdivision proposals and other proposed developments (including proposals for manufactured home parks and subdivisions) that are a single lot or one and one half (1 ½) acres, whichever is lesser, include within such proposals base flood elevation data;

Commented [LG10]: MEMA Removed a contradiction within 2018 Ord.

(2) The Floodplain Administrator shall obtain, review, and reasonably utilize anybase flood elevation and floodway data available from a federal, state, or other source, in order to administer the provisions of Article 5. When such data are available, standards of Article 5, Section C, shall apply. If data is not available from Article 5 Section D (1) or outside sources, then the following provisions shall apply.

(3) No encroachments, including fill material or other development, shall be located within a distance of the stream bank equal to five times the width of the stream at the top of the bank or twenty feet each side from the top of the bank, whichever is greater, unless certification by a registered professional engineer is provided demonstrating that such encroachment shall not result in any increase in flood levels during the occurrence of the base flood discharge. The enclosure standards of Article 5, Section C (4) shall apply.

(4) The Floodplain Administrator shall require that a single lot applicant develop the base flood elevation for the development site, utilizing accepted engineering practices and procedures. Upon review of the submitted data, the Administrator may accept or reject the proposed base flood elevation. When such data is accepted, standards of Article 5, Section C, shall apply.

(5) Fill within the area of special flood hazard shall result in no net loss of natural floodplain storage. The volume of loss of floodwater storage due to filling in the special flood hazard area shall be offset by providing an equal volume of flood storage by excavation or other compensatory measures at or adjacent to the development site.

(6) Notify, in riverine situations, adjacent communities and the State Coordinating Office prior to any alteration or relocation of a watercourse, and submit copies of such notifications to FEMA. Assure that the flood carrying capacity within the altered or relocated portion of any watercourse is maintained.

(7) Require that all manufactured homes be placed or installed using methods and practices which minimize flood damage. Manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Dry stacked blocks (stacked without the use of mortar or cement to bond them together) are not allowed within the Special Flood Hazard Area.

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SECTION E. STANDARDS FOR SUBDIVISION PROPOSALS AND OTHER PROPOSED DEVELOPMENT.

(1) All subdivision proposals shall be consistent with the need to minimize flood damage;

(2) All subdivision proposals shallhave public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize flood damage;

(3) All subdivision proposals shall have adequate drainage provided to reduce exposure to flood hazards, and;

(4) Base flood elevation data shall be provided for all new subdivision proposals and other proposed development (including manufactured home parks and subdivisions), that are a single lot or five acres, whichever is the lesser.

(5) All subdivision and other development proposals which involve disturbing more than .49 acres of land shall include a stormwater management plan which is designed to limit peak runoff from the site to predevelopment levels for the twenty-five (25)-year, twenty four (24) hour frequency storm event. These

plans shall be designed to limit adverse impacts to downstream channels and floodplains. Single family residential is excluded as deemed appropriate. Engineering detail and documentation including a stormwater plan for the site shall be required at the time of application as specified in Section 9 of the Land Development Code, Ord. No. 3209.

Commented [LG11]: Amended to be consistent with the LDC and CRS purposes

(6) All preliminary plans for platted subdivisions shall identify the flood hazard area, the floodway boundary, dam breach inundation areas that are required to remain as open space, in accordance with Article 5, Section A-18, and the elevation of the base flood.

(7) All final subdivision plats will provide the boundary of the special flood hazard area, the floodway boundary, dam breach inundation areas that are required to remain as open space, in accordance with Article 5, Section A-18, and the base flood elevations.

(8) In platted subdivisions, all proposed lots or parcels that will be future building sites shall have a minimum buildable area, as defined in the Land Development Code, outside the natural (non-filled) one percent (1%) chance annual floodplain. The buildable area shall be large enough to accommodate any primary structure and associated structures.

(9) Approval shall not be given for streets within a subdivision, which would be subject to flooding in the base flood. All street surfaces must be located above the base flood elevation.

(10) Each proposed parcel must have a designated buildable pad or site above the one percent (1%) chance floodplain. The distance of the buildable pad or site above the one percent (1%) chance floodplain shall depend on the slope of the ground and in accordance with the following table:

Distance in feet from A Zone [one percent (1%) chance floodplain]	Minimum Slope from A Zone – one percent (1%) flood plain to ground level at pad
20	5%
30	3.33%
40	2.50%
50	2.0%
60	1.67%
70	1.43%
80	1.25%
90	1.11%
100	1.0%

Residential and non-residential structures finished floor elevation also must be elevated one and one-half feet (1.5') above the adjacent average grade or one foot (1') above highest adjacent street centerline as per the existing regulation, whichever is higher.

(11) The subdivider/applicant must comply with the following:

a.) Deed restrictions are required on the lot or lots prohibiting construction within the designated special flood hazard area or dam breach inundation areas and the requirement for lowest floor elevation.

b.) Place a statement on the face of the final plat prohibiting construction in the designated area of special flood hazard or dam inundation areas.

SECTION F. CRITICAL FACILITIES.

Construction of new and substantially improved critical facilities shall be located outside the limits of the special flood hazard area (one percent chance floodplain). Construction of new critical facilities shall be permissible within the SFHA only if no feasible alternative site is available and access to the facilities remains available during a 0.2 percent chance flood. Critical facilities constructed within the SFHA shall have the lowest floor elevated three feet six inches (3'6")

above the base flood elevation at the site (or to the 0.2 percent chance flood elevation whichever is greater). Floodproofing and sealing measures must be implemented to ensure that toxic substances will not be displaced by or released into floodwaters. Multiple access routes, elevated to or above the 0.2 percent flood elevation, shall be provided to all critical facilities to the maximum extent possible. Critical facilities must not only be protected to or above the 0.2 percent chance flood, but must remain operable during such an event. The community's flood response plan must list facilities considered critical in a flood, since loss of access can cause a critical situation. Other facilities in low risk flood zones that may also be needed to support flood response efforts must be included on the critical facility list. The use of any structure shall not be changed to a critical facility, where such a change in use will render the new critical facility out of conformance with this section. The list of the operators of the critical facilities affected by flooding must be updated at least annually, as part of the community critical facility planning procedures.

ARTICLE 6. VARIANCE PROCEDURES.

Commented [LG12]: No changes for COH based on Model Ord. Keeping all language from 2018 COH Flood Ord.

SECTION A. DESIGNATION AND DUTIES OF VARIANCE AND APPEALS BOARD.

(1) When it is alleged an error in any requirement, decision, or determination is made by the Floodplain Administrator in the enforcement or administration of this ordinance or a request for a variance with any requirement of this ordinance the Hattiesburg Planning Commission, hereafter known as the "HPC", as established by the City Council of the City of Hattiesburg, shall hear and decide appeals and requests for variances from requirements of this ordinance.

(2) Any person aggrieved by the recommendation of "HPC" may appeal such decision to the City Council

(3) Any person aggrieved by the decision of the City Council may appeal such decision to the Circuit Court, as provided in Mississippi Code Annotated, § 11-51-75 (1972)

(4) Variances from the requirements of this code will not be issued except for:
   a.) functionally dependent historic structures which meet all criteria in Article 6, Section E of this ordinance,
   b.) subdivision studies for properties in an A zone as outlined in Article, 5, Section E-10 and 11 of this ordinance, or
   c.) properties that are fully compliant with wet-floodproofing methods as outlined in the definitions.

SECTION B. VARIANCE PROCEDURES.

In passing upon such applications, the Hattiesburg Planning Commission shall consider all technical evaluations, relevant factors, and standards specified in other sections of this ordinance, and:

(1) The evaluation must be based on the characteristics unique to that property and not be shared by adjacent parcels. The characteristics must pertain to the land itself, not to the structure, its inhabitants, or its owners;

(2) Variances should never be granted for multiple lots, phases of subdivisions, or entire subdivisions;

(3) The danger that materials may be swept onto other lands to the injury of others;

(4) The danger of life and property due to flooding or erosion damage;

(5) The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner and the community;

(6) The importance of the services provided by the proposed facility to the community;

(7) The necessity of the facility to be at a waterfront location, where applicable;

(8) The availability of alternative locations for the proposed use which are not subject to flooding or erosion damage;

(9) The compatibility of the proposed use with existing and anticipated development;

(10) The relationship of the proposed use to the comprehensive plan and floodplain management program for that area;

(11) The safety of access to the property in times of flood for ordinary and emergency vehicles;

(12) The expected heights, velocity, duration, rate of rise, and sediment transport of the floodwaters and the effects of wave action, if applicable, expected at the site, and;

(13) The costs of providing governmental services during and after flood conditions, including maintenance and repair of public utilities and facilities such as sewer, gas, electrical, and water systems, and streets and bridges and culverts.

(14) Upon consideration of factors listed above, and the purpose of this ordinance, the Hattiesburg Planning Commission may attach such conditions to the granting of variances as it deems necessary to further the purposes of this ordinance.

(15) Variances shall not be issued within any designated floodway if any increase in flood levels during the base flood discharge would result.

SECTION C. CONDITIONS FOR VARIANCES.

(1) Variances shall only be issued when there is:

a.) A showing of good and sufficient cause;

b.) A determination that failure to grant the variance would result in exceptional hardship, and;

c.) A determination that the granting of a variance will not result in increased flood heights, additional threats to public expense, create nuisance, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances.

(2) The provisions of this ordinance are minimum standards for flood loss reduction; therefore, any deviation from the standards must be weighed carefully. Variances shall only be issued upon a determination that the variance is the minimum necessary deviation from the requirements of this ordinance, considering the flood hazard, to afford relief. In the instance of a Historic Structure, a determination that the variance is the minimum necessary so as not to destroy the historic character and design of the building. (See Article 6, Section F.)

(3) Any applicant to whom a variance is granted shall be given written notice specifying the difference between the base flood elevation and the elevation to which the lowest floor is to be built and stating that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced lowest floor elevation.

(4) The Floodplain Administrator shall maintain the records of all appeal actions and report any variances to the Federal Emergency Management Agency and Mississippi Emergency Management Agency upon request. (See Article 6 Section E.)

(5) Upon consideration of the factors listed above and the purposes of this ordinance, the Hattiesburg Planning Commission may attach such conditions to the granting of variances as it deems necessary to further the purposes of this ordinance.

(6) Variances shall not be issued "after the fact."

SECTION D. VARIANCE NOTIFICATION.

Any applicant to whom a variance is granted shall be given written notice over the signature of a community official that:

(1) The issuance of a variance to construct a structure below the base flood elevation will result in increased premium rates for flood insurance up to amounts as high as $25 for $100 of insurance coverage, and;

(2) List the specific variance granted with the minimum requirement that was changed with the approved variance. List the article, section and subsection for which the variance was issued to.

(3) Such construction below the base flood level increases risks to life and property. A copy of the notice shall be recorded by the Floodplain Administrator in the Office of the Chancery Clerk and shall be recorded in a manner so that it appears in the chain of title of the affected parcel of land.

The Floodplain Administrator will maintain a record of all variance actions, including justification for their issuance, and report such variances to the Federal Emergency Management Agency and the Mississippi Emergency Management Agency upon request.

SECTION E. HISTORIC STRUCTURES.

Variances may be issued for the repair or rehabilitation of "historic structures" only upon a determination that the proposed repair or rehabilitation will not preclude the structure's continued designation as a "historic structure" and the variance is the minimum to preserve the historic character and design of the structure.

(1) The building must be a bona-fide "historic structure." As followed by definition.

(2) The project must maintain the historic status of the structure. If the proposed improvements to the structure will result in it being removed from or ineligible for the National Register or federally-certified state or local inventory, then the proposal cannot be granted an exemption from the substantial improvement rule.

(a) Written review and approval of proposed plans by the local historic preservation board and/or the Historic Planner, if it is federally-certified, or by the state historic preservation office. If the plans are approved, you can grant the exemption. If no, no exemption can be permitted.

(3) Take all possible flood damage reduction measures. Even though the exemption to the substantial improvement rule means the building does not have to be elevated to or above BFE or be renovated with flood-resistant materials that are not historically sensitive, many things can and should be done to reduce the flood damage potential. Examples include:

(a) Locating mechanical and electrical equipment above the BFE or floodproofing it.

(b) Elevating the lowest floor of an addition to or above the BFE with the change in floor elevation disguised externally.

(c) Building the lowest floor of an addition with flood-resistant materials and providing hydrostatic openings.

SECTION F. SPECIAL CONDITIONS.

Upon consideration of the factors listed in Article 6, and the purposes of this ordinance, the Hattiesburg Planning Commission may attach such conditions to the granting of variances, as it deems necessary to further the purposes of this ordinance.

SECTION G. FLOODWAY.

Variances shall not be issued within any designated regulatory floodway if any increase in flood levels during the base flood discharge would result.

ARTICLE 7. SEVERABILITY.

If any section, clause, sentence, or phrase of the Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding shall in no way effect the validity of the remaining portions of this Ordinance."

SECTION 2. That Ordinance Number 3247 adopted December 18, 2018, and any other ordinances in conflict thereof are hereby repealed.

SECTION 3. This Ordinance shall take effect and be in force immediately after passage as provided by law. It is vital to the public health, safety, and welfare and is necessary for residents within SHFA to be able to obtain flood insurance.

The foregoing ordinance having been reduced to writing was introduced by Councilman _____, seconded by Councilman _____ and was adopted by the following vote, to wit:

Yeas: Nays:

The president hereby declared the motion carried and the Ordinance adopted and approved on this, the _____ day of September A.D. 2021.

(SEAL)

ATTEST: ADOPTED:

_____ _____ _____

CLERK OF COUNCIL PRESIDENT

The above and foregoing Ordinance having been submitted to and approved by the Mayor this, the _____ day of September A.D. 2021.

ATTEST: APPROVED:

_____ _____

CITY CLERK MAYOR

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Mayor
Toby Barker

Council – Ward One	Council – Ward Two	Council – Ward Three	Council – Ward Four	Council – Ward Five
Jeffrey George	*Deborah Denard Delgado*	*Carter Carroll*	*Mary Dryden*	*Nicholas Brown*

MEMORANDUM

FROM: Ginger M. Lowrey, AICP, CFM, Planning Division Manager

TO: Current Resident

DATE: January 25, 2021

SUBJECT: Your Property is in a Repetitive Loss Area

You have received this letter because your property is in an area that has flooded several times. Our community is concerned about repetitive flooding and has an active program to help you protect yourself and your property from future flooding, but here are some things you can do:

1. Check with the City's Planning Division on the extent of past flooding in your area. Staff can tell you about the causes of repetitive flooding, what the City is doing about it, and what would be an appropriate flood protection level. Staff can visit your property to discuss flood protection alternatives.

2. Prepare for flooding by doing the following:
   - Know how to shut off the electricity and gas to your house when a flood comes.
   - Make a list of emergency numbers and identify a safe place to go.
   - Make a household inventory, especially of contents.
   - Put insurance policies, valuable papers, medicine, etc., in a safe place.
   - Collect and put cleaning supplies, camera, waterproof boots, etc., in a handy place.
   - Develop a disaster response plan. See the Red Cross's website at www.redcross.org for information about preparing your home and family for a disaster.
   - Get a copy of *Repairing Your Flooded Home* available in the Planning Division office.

3. Consider some permanent flood protection measures.
   - Mark your fuse or breaker box to show the circuits to the floodable areas. Turning off the power before a flood can reduce property damage and save lives.
   - Consider elevating your house above flood levels.
   - Check your building for water entry points.
   - Install a floor drain plug, standpipe, overhead sewer, or sewer backup valve to prevent sewer backup flooding.
   - More information can be found in the "Homeowner's Guide to Retrofitting: Six Ways to Protect Your House from Flooding" available in the Planning Division or visit www.floodsmart.gov.– Note that some flood protection measures may need a building permit and others may not be safe for your type of building, so be sure to talk to the Building Division, which can be reached at 601-554-1004.
4. Get a flood insurance policy.
   - Homeowner's insurance policies **do not** cover damage from floods. However, because our the City of Hattiesburg participates in the National Flood Insurance Program (NFIP), you can purchase a separate flood insurance policy. This flood insurance is backed by the Federal government and is available to everyone, even properties that have been flooded.
   - The City of Hattiesburg participates in the NFIP's Community Rating System (CRS) and is at a Class 8. Therefore, all locations within the Special Flood Hazard Area (SFHA) will receive a flood insurance premium reduction of 10%. Locations outside of the SFHA receive a flood insurance premium reduction of 5%.
   - Your area may not be mapped as a SFHA, so you may qualify for a lower-cost Preferred Risk Policy.
   - Some people have purchased flood insurance because it was required by the bank when they got a mortgage or home improvement loan. Usually, these policies just cover the building's structure and not the contents. During many flood events, there can be more damage to the furniture and contents than there is to the structure. Be sure you have contents coverage.
   - Don't wait for the next flood to buy insurance protection. In most cases, there is a 30-day waiting period before NFIP coverage takes effect.
   - Contact your insurance agent for more information on rates and coverage.

Additional information and links to other useful websites can be found on the City's website at www.hattiesburgms.com, or contact Ginger M. Lowrey, AICP, CFM, Planning Division Manager, by E-Mail at planning@hattiesburgms.com or phone 601-545-4599 for more information.

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NAME	ADDRESS	CITY, STATE ZIP
Property Owner	1 Old Augusta Ln	Hattiesburg, MS 39402
Property Owner	100 Locksley Cir	Hattiesburg, MS 39401
Property Owner	1000 Atlanta St	Hattiesburg, MS 39401
Property Owner	1000 Mobile St	Hattiesburg, MS 39401
Property Owner	1001 Scott St	Hattiesburg, MS 39401
Property Owner	1002 Atlanta St	Hattiesburg, MS 39401
Property Owner	1003 Atlanta St	Hattiesburg, MS 39401
Property Owner	1004 Atlanta St	Hattiesburg, MS 39401
Property Owner	1005 Atlanta St	Hattiesburg, MS 39401
Property Owner	1005 Scott St	Hattiesburg, MS 39401
Property Owner	1007 Atlanta St	Hattiesburg, MS 39401
Property Owner	1007 Scott St	Hattiesburg, MS 39401
Property Owner	1009 Atlanta St	Hattiesburg, MS 39401
Property Owner	1009 Scott St	Hattiesburg, MS 39401
Property Owner	101 Locksley Cir	Hattiesburg, MS 39401
Property Owner	1010 Geneva St	Hattiesburg, MS 39401
Property Owner	1010 Scott St	Hattiesburg, MS 39401
Property Owner	1011 Geneva St	Hattiesburg, MS 39401
Property Owner	1012 Scott St	Hattiesburg, MS 39401
Property Owner	1014 Mobile St	Hattiesburg, MS 39401
Property Owner	1017 Atlanta St	Hattiesburg, MS 39401
Property Owner	1019 Atlanta St	Hattiesburg, MS 39401
Property Owner	102 Locksley Cir	Hattiesburg, MS 39401
Property Owner	104 Locksley Cir	Hattiesburg, MS 39401
Property Owner	104 McLeod St	Hattiesburg, MS 39401
Property Owner	105 Locksley Cir	Hattiesburg, MS 39401
Property Owner	105 Saratoga Cir	Hattiesburg, MS 39401
Property Owner	106 E 4th St	Hattiesburg, MS 39401
Property Owner	106 Locksley Cir	Hattiesburg, MS 39401
Property Owner	107 Locksley Cir	Hattiesburg, MS 39401
Property Owner	107 Saratoga Cir	Hattiesburg, MS 39401
Property Owner	108 E 4th St	Hattiesburg, MS 39401
Property Owner	108 Locksley Cir	Hattiesburg, MS 39401
Property Owner	108 Saratoga Cir	Hattiesburg, MS 39401
Property Owner	109 Saratoga Cir	Hattiesburg, MS 39401
Property Owner	110 E 4th St	Hattiesburg, MS 39401
Property Owner	1100 Coit St	Hattiesburg, MS 39401
Property Owner	1100 Scott St	Hattiesburg, MS 39401
Property Owner	1101-A Scott St	Hattiesburg, MS 39401
Property Owner	1101-B Scott St	Hattiesburg, MS 39401
Property Owner	1101 Allen St	Hattiesburg, MS 39401
Property Owner	1102 Scott St	Hattiesburg, MS 39401
Property Owner	1104 Scott St	Hattiesburg, MS 39401
Property Owner	1105 Allen St	Hattiesburg, MS 39401
Property Owner	1109 Scott St	Hattiesburg, MS 39401
Property Owner	111 Saratoga Cir	Hattiesburg, MS 39401

Property Owner	1112 Scott St	Hattiesburg, MS 39401
Property Owner	1113 Scott St	Hattiesburg, MS 39401
Property Owner	1115 Allen St	Hattiesburg, MS 39401
Property Owner	1119 Scott St	Hattiesburg, MS 39401
Property Owner	1121 Scott St	Hattiesburg, MS 39401
Property Owner	1127 Allen St	Hattiesburg, MS 39401
Property Owner	113 Saratoga Cir	Hattiesburg, MS 39401
Property Owner	114 E 3rd St	Hattiesburg, MS 39401
Property Owner	115 E 3rd St	Hattiesburg, MS 39401
Property Owner	115 Saratoga Cir	Hattiesburg, MS 39401
Property Owner	117 Nora St	Hattiesburg, MS 39401
Property Owner	117 Saratoga Cir	Hattiesburg, MS 39401
Property Owner	118 Heiddle St	Hattiesburg, MS 39401
Property Owner	119 Nora St	Hattiesburg, MS 39401
Property Owner	120 E 10th St	Hattiesburg, MS 39401
Property Owner	120 Nora St	Hattiesburg, MS 39401
Property Owner	1203 Scott St	Hattiesburg, MS 39401
Property Owner	1206 Scott St	Hattiesburg, MS 39401
Property Owner	1208 Coit St	Hattiesburg, MS 39401
Property Owner	1209 Kinnard St	Hattiesburg, MS 39401
Property Owner	121 Jackson St	Hattiesburg, MS 39401
Property Owner	1210 Coit St	Hattiesburg, MS 39401
Property Owner	1211 Scott St	Hattiesburg, MS 39401
Property Owner	1213 Scott St	Hattiesburg, MS 39401
Property Owner	1218 Dewey St	Hattiesburg, MS 39401
Property Owner	1220 Dewey St	Hattiesburg, MS 39401
Property Owner	124 Nora St	Hattiesburg, MS 39401
Property Owner	129 Jackson St	Hattiesburg, MS 39401
Property Owner	1306 Coit St	Hattiesburg, MS 39401
Property Owner	1312 Coit St	Hattiesburg, MS 39401
Property Owner	1318 Coit St	Hattiesburg, MS 39401
Property Owner	1406 Kinnard St	Hattiesburg, MS 39401
Property Owner	1409 Kinnard St	Hattiesburg, MS 39401
Property Owner	1412 Scott St	Hattiesburg, MS 39401
Property Owner	1414 Scott St	Hattiesburg, MS 39401
Property Owner	1418 Kinnard St	Hattiesburg, MS 39401
Property Owner	144 New Orleans St	Hattiesburg, MS 39401
Property Owner	149 E 10th St	Hattiesburg, MS 39401
Property Owner	1911 Adeline St	Hattiesburg, MS 39401
Property Owner	1918-A Brooklane Dr	Hattiesburg, MS 39401
Property Owner	1918-B Brooklane Dr	Hattiesburg, MS 39401
Property Owner	1918 Adeline St	Hattiesburg, MS 39401
Property Owner	1920-A Brooklane Dr	Hattiesburg, MS 39401
Property Owner	1920-B Brooklane Dr	Hattiesburg, MS 39401
Property Owner	1923 Adeline St	Hattiesburg, MS 39401
Property Owner	2 Old Augusta Ln	Hattiesburg, MS 39402
Property Owner	2000 Adeline St	Hattiesburg, MS 39401

Property Owner	2001 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	2002 Adeline St	Hattiesburg, MS 39401
Property Owner	2002 Mamie St	Hattiesburg, MS 39401
Property Owner	2003 Adeline St	Hattiesburg, MS 39401
Property Owner	2003 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	2004 Adeline St	Hattiesburg, MS 39401
Property Owner	2004 Mamie St	Hattiesburg, MS 39401
Property Owner	2006 Adeline St	Hattiesburg, MS 39401
Property Owner	2006 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	2006 Mamie St	Hattiesburg, MS 39401
Property Owner	2007 Adeline St	Hattiesburg, MS 39401
Property Owner	2007 Adeline St	Hattiesburg, MS 39401
Property Owner	2007 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	2008 Adeline St	Hattiesburg, MS 39401
Property Owner	2008 Mamie St	Hattiesburg, MS 39401
Property Owner	2009 Adeline St	Hattiesburg, MS 39401
Property Owner	2009 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	201 E 3rd St	Hattiesburg, MS 39401
Property Owner	2010 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	2010 Mamie St	Hattiesburg, MS 39401
Property Owner	2011 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	2012 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	2012 Mamie St	Hattiesburg, MS 39401
Property Owner	2013 Brooklane Dr	Hattiesburg, MS 39401
Property Owner	2014 Mamie St	Hattiesburg, MS 39401
Property Owner	202 E 4th St	Hattiesburg, MS 39401
Property Owner	204 Jackson St	Hattiesburg, MS 39401
Property Owner	206 Jackson St	Hattiesburg, MS 39401
Property Owner	210 E 4th St	Hattiesburg, MS 39401
Property Owner	214 E 4th St	Hattiesburg, MS 39401
Property Owner	215 Jackson St	Hattiesburg, MS 39401
Property Owner	216 E 4th St	Hattiesburg, MS 39401
Property Owner	217 1/2 Jackson St	Hattiesburg, MS 39401
Property Owner	217 Jackson St	Hattiesburg, MS 39401
Property Owner	218 E 3rd St	Hattiesburg, MS 39401
Property Owner	219 E 3rd St	Hattiesburg, MS 39401
Property Owner	2204 W 4th St	Hattiesburg, MS 39401
Property Owner	25 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	26 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	27 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	28 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	2800 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2801 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2802 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2803 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2804 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2805 Hillside Dr	Hattiesburg, MS 39401

Property Owner	2806 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2807 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2815 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2817 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2819 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2821 Hillside Dr	Hattiesburg, MS 39401
Property Owner	29 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	30 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	2900 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2902 Hillside Dr	Hattiesburg, MS 39401
Property Owner	2904 Hillside Dr	Hattiesburg, MS 39401
Property Owner	303 Venetian Way	Hattiesburg, MS 39401
Property Owner	305 Venetian Way	Hattiesburg, MS 39401
Property Owner	307 Venetian Way	Hattiesburg, MS 39401
Property Owner	308 N 21st Ave	Hattiesburg, MS 39401
Property Owner	309 N 21st Ave	Hattiesburg, MS 39401
Property Owner	31 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	32 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	310 N 21st Ave	Hattiesburg, MS 39401
Property Owner	311 N 21st Ave	Hattiesburg, MS 39401
Property Owner	312 N 21st Ave	Hattiesburg, MS 39401
Property Owner	313 Beverly Ln	Hattiesburg, MS 39402
Property Owner	313 N 21st Ave	Hattiesburg, MS 39401
Property Owner	314 Jackson St	Hattiesburg, MS 39401
Property Owner	314 N 20th Ave	Hattiesburg, MS 39401
Property Owner	314 N 21st Ave	Hattiesburg, MS 39401
Property Owner	315 Beverly Ln	Hattiesburg, MS 39402
Property Owner	315 N 21st Ave	Hattiesburg, MS 39401
Property Owner	316 E 4th St	Hattiesburg, MS 39401
Property Owner	316 N 20th Ave	Hattiesburg, MS 39401
Property Owner	316 N 21st Ave	Hattiesburg, MS 39401
Property Owner	317 Beverly Ln	Hattiesburg, MS 39402
Property Owner	318 N 20th Ave	Hattiesburg, MS 39401
Property Owner	319 Beverly Ln	Hattiesburg, MS 39402
Property Owner	320 N 20th Ave	Hattiesburg, MS 39401
Property Owner	322 N 20th Ave	Hattiesburg, MS 39401
Property Owner	323 Beverly Ln	Hattiesburg, MS 39402
Property Owner	33 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	34 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	3410 W Adeline St	Hattiesburg, MS 39402
Property Owner	3412 W Adeline St	Hattiesburg, MS 39402
Property Owner	3414 W Adeline St	Hattiesburg, MS 39402
Property Owner	3416 W Adeline St	Hattiesburg, MS 39402
Property Owner	3420 W Adeline St	Hattiesburg, MS 39402
Property Owner	3422 W Adeline St	Hattiesburg, MS 39402
Property Owner	35 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	36 Pine Bark Cove	Hattiesburg, MS 39401

Property Owner	37 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	38 Pine Bark Cove	Hattiesburg, MS 39401
Property Owner	400 E 9th St	Hattiesburg, MS 39401
Property Owner	400 N 20th Ave	Hattiesburg, MS 39401
Property Owner	400 N 21st Ave	Hattiesburg, MS 39401
Property Owner	401 N 21st Ave	Hattiesburg, MS 39401
Property Owner	402 E 9th St	Hattiesburg, MS 39401
Property Owner	402 N 20th Ave	Hattiesburg, MS 39401
Property Owner	402 N 21st Ave	Hattiesburg, MS 39401
Property Owner	123 S George St	Petal, MS 39465
Property Owner	3608 Rosewood	Hattiesburg, MS 39401
Property Owner	403 E 9th St	Hattiesburg, MS 39401
Property Owner	403 N 21st Ave	Hattiesburg, MS 39401
Property Owner	404 N 20th Ave	Hattiesburg, MS 39401
Property Owner	404 N 21st Ave	Hattiesburg, MS 39401
Property Owner	405 N 20th Ave	Hattiesburg, MS 39401
Property Owner	405 N 21st Ave	Hattiesburg, MS 39401
Property Owner	405 S 21st Ave	Hattiesburg, MS 39401
Property Owner	406 Beverly Ln	Hattiesburg, MS 39402
Property Owner	406 N 20th Ave	Hattiesburg, MS 39401
Property Owner	406 N 21st Ave	Hattiesburg, MS 39401
Property Owner	407 Clark St	Hattiesburg, MS 39401
Property Owner	407 N 21st Ave	Hattiesburg, MS 39401
Property Owner	408 Beverly Ln	Hattiesburg, MS 39402
Property Owner	408 N 20th Ave	Hattiesburg, MS 39401
Property Owner	408 N 21st Ave	Hattiesburg, MS 39401
Property Owner	408 S 21st Ave	Hattiesburg, MS 39401
Property Owner	409 N 21st Ave	Hattiesburg, MS 39401
Property Owner	409 S 21st Ave	Hattiesburg, MS 39401
Property Owner	410 N 20th Ave	Hattiesburg, MS 39401
Property Owner	410 N 21st Ave	Hattiesburg, MS 39401
Property Owner	410 S 21st Ave	Hattiesburg, MS 39401
Property Owner	411 N 21st Ave	Hattiesburg, MS 39401
Property Owner	411 S 21st Ave	Hattiesburg, MS 39401
Property Owner	412 N 20th Ave	Hattiesburg, MS 39401
Property Owner	412 S 21st Ave	Hattiesburg, MS 39401
Property Owner	413 S 21st Ave	Hattiesburg, MS 39401
Property Owner	414 S 37th Ave	Hattiesburg, MS 39402
Property Owner	415 N 21st Ave	Hattiesburg, MS 39401
Property Owner	417 S 21st Ave	Hattiesburg, MS 39401
Property Owner	417 S 36th Ave	Hattiesburg, MS 39402
Property Owner	418 S 37th Ave	Hattiesburg, MS 39402
Property Owner	419 S 21st Ave	Hattiesburg, MS 39401
Property Owner	419 S 36th Ave	Hattiesburg, MS 39402
Property Owner	420 S 21st Ave	Hattiesburg, MS 39401
Property Owner	420 S 36th Ave	Hattiesburg, MS 39402
Property Owner	420 Short Kinnard St	Hattiesburg, MS 39401

Property Owner	421 Clark St	Hattiesburg, MS 39401
Property Owner	421 S 21st Ave	Hattiesburg, MS 39401
Property Owner	422 Short Kinnard St	Hattiesburg, MS 39401
Property Owner	423 Clark St	Hattiesburg, MS 39401
Property Owner	424 S 37th Ave	Hattiesburg, MS 39402
Property Owner	430 Short Kinnard St	Hattiesburg, MS 39401
Property Owner	500 Short 5th St	Hattiesburg, MS 39401
Property Owner	504 Short 5th St	Hattiesburg, MS 39401
Property Owner	506 Short 5th St	Hattiesburg, MS 39401
Property Owner	509 E 6th St	Hattiesburg, MS 39401
Property Owner	514 E 6th St	Hattiesburg, MS 39401
Property Owner	516 E 6th St	Hattiesburg, MS 39401
Property Owner	518 E 7th St	Hattiesburg, MS 39401
Property Owner	519 E 6th St	Hattiesburg, MS 39401
Property Owner	519 E 7th St	Hattiesburg, MS 39401
Property Owner	520 E 7th St	Hattiesburg, MS 39401
Property Owner	521 Mobile St	Hattiesburg, MS 39401
Property Owner	524 E 6th St	Hattiesburg, MS 39401
Property Owner	526 E 7th St	Hattiesburg, MS 39401
Property Owner	5458 HWY 42	Hattiesburg, MS 39401
Property Owner	600 Short 5th St	Hattiesburg, MS 39401
Property Owner	601 Alpha Ave	Hattiesburg, MS 39401
Property Owner	601 Mackwood Dr	Hattiesburg, MS 39402
Property Owner	601 Short 6th St	Hattiesburg, MS 39401
Property Owner	602 Short 5th St	Hattiesburg, MS 39401
Property Owner	603 E 6th St	Hattiesburg, MS 39401
Property Owner	739 County Rd #19	Stringer, MS 39481
Property Owner	603 Short 6th St	Hattiesburg, MS 39401
Property Owner	605 E Pine St	Hattiesburg, MS 39401
Property Owner	605 E Pine St	Hattiesburg, MS 39401
Property Owner	605 Short 5th St	Hattiesburg, MS 39401
Property Owner	607 E 2nd St	Hattiesburg, MS 39401
Property Owner	608 Short 6th St	Hattiesburg, MS 39401
Property Owner	609 2nd St	Hattiesburg, MS 39401
Property Owner	700 2nd St	Hattiesburg, MS 39401
Property Owner	701 2nd St	Hattiesburg, MS 39401
Property Owner	702 E 2nd St	Hattiesburg, MS 39401
Property Owner	703 E 2nd St	Hattiesburg, MS 39401
Property Owner	703 Fairley St	Hattiesburg, MS 39401
Property Owner	705 Short 7th St	Hattiesburg, MS 39401
Property Owner	708 Alpha Ave	Hattiesburg, MS 39401
Property Owner	708 Grace Ave	Hattiesburg, MS 39401
Property Owner	709 Alpha Ave	Hattiesburg, MS 39401
Property Owner	709 Fairley St	Hattiesburg, MS 39401
Property Owner	709 Grace Ave	Hattiesburg, MS 39401
Hudson Properties, LLC	P.O. Box 18320	Hattiesburg, MS 39404
Property Owner	710 Alpha Ave	Hattiesburg, MS 39401

Property Owner	710 E Front St	Hattiesburg, MS 39401
Property Owner	710 Grace Ave	Hattiesburg, MS 39401
Property Owner	711 Grace Ave	Hattiesburg, MS 39401
Property Owner	712 Grace Ave	Hattiesburg, MS 39401
Property Owner	714 Grace Ave	Hattiesburg, MS 39401
Property Owner	714 Montrose Ave	Hattiesburg, MS 39401
Property Owner	715 Grace Ave	Hattiesburg, MS 39401
Property Owner	716 Grace Ave	Hattiesburg, MS 39401
Property Owner	716 Mobile St	Hattiesburg, MS 39401
Property Owner	716 Montrose Ave	Hattiesburg, MS 39401
Property Owner	717 Grace Ave	Hattiesburg, MS 39401
Property Owner	717 Montrose Ave	Hattiesburg, MS 39401
Property Owner	718B Grace Ave	Hattiesburg, MS 39401
Property Owner	718A Grace Ave	Hattiesburg, MS 39401
Property Owner	718 Montrose Ave	Hattiesburg, MS 39401
Property Owner	719 Atlanta St	Hattiesburg, MS 39401
Property Owner	719 Grace Ave	Hattiesburg, MS 39401
Property Owner	719 Montrose Ave	Hattiesburg, MS 39401
Property Owner	720 Grace Ave	Hattiesburg, MS 39401
Property Owner	720 Montrose Ave	Hattiesburg, MS 39401
Property Owner	721 Atlanta St	Hattiesburg, MS 39401
Property Owner	721 Grace Ave	Hattiesburg, MS 39401
Property Owner	721 Montrose Ave	Hattiesburg, MS 39401
Property Owner	722 Grace Ave	Hattiesburg, MS 39401
Property Owner	722 Mobile St	Hattiesburg, MS 39401
Property Owner	722 Montrose Ave	Hattiesburg, MS 39401
Property Owner	722 N 30th Ave	Hattiesburg, MS 39401
Property Owner	723 Grace Ave	Hattiesburg, MS 39401
Property Owner	723 Montrose Ave	Hattiesburg, MS 39401
Property Owner	724 Grace Ave	Hattiesburg, MS 39401
Property Owner	724 Montrose Ave	Hattiesburg, MS 39401
Property Owner	725 Atlanta St	Hattiesburg, MS 39401
Property Owner	725 Grace Ave	Hattiesburg, MS 39401
Property Owner	725 Montrose Ave	Hattiesburg, MS 39401
Property Owner	726 E 7th St	Hattiesburg, MS 39401
Property Owner	726 Grace Ave	Hattiesburg, MS 39401
Property Owner	726 Montrose Ave	Hattiesburg, MS 39401
Property Owner	727 Grace Ave	Hattiesburg, MS 39401
Property Owner	727 Montrose Ave	Hattiesburg, MS 39401
Property Owner	728 Grace Ave	Hattiesburg, MS 39401
Property Owner	729 Grace Ave	Hattiesburg, MS 39401
Property Owner	731 Grace Ave	Hattiesburg, MS 39401
Property Owner	800 N 29th Ave	Hattiesburg, MS 39401
Property Owner	800 N 30th Ave	Hattiesburg, MS 39401
Property Owner	801 Fairley St	Hattiesburg, MS 39401
Property Owner	801 N 30th Ave	Hattiesburg, MS 39401
Property Owner	801 N 31st Ave	Hattiesburg, MS 39401

Property Owner	801 New Orleans St	Hattiesburg, MS 39401
Property Owner	802 E 8th St	Hattiesburg, MS 39401
Property Owner	802 N 29th Ave	Hattiesburg, MS 39401
Property Owner	803 N 31st Ave	Hattiesburg, MS 39401
Property Owner	804 Mobile St	Hattiesburg, MS 39401
Property Owner	804 N 30th Ave	Hattiesburg, MS 39401
Property Owner	805 N 30th Ave	Hattiesburg, MS 39401
Property Owner	805 N 31st Ave	Hattiesburg, MS 39401
Property Owner	805 Short 7th St	Hattiesburg, MS 39401
Property Owner	806 E 7th St	Hattiesburg, MS 39401
Property Owner	806 Mobile St	Hattiesburg, MS 39401
Property Owner	806 N 30th Ave	Hattiesburg, MS 39401
Property Owner	806 Short 7th St	Hattiesburg, MS 39401
Property Owner	807 E 7th St	Hattiesburg, MS 39401
Property Owner	808 E 7th St	Hattiesburg, MS 39401
Property Owner	808 N 30th Ave	Hattiesburg, MS 39401
Property Owner	808 Short 7th St	Hattiesburg, MS 39401
Property Owner	809 E 7th St	Hattiesburg, MS 39401
Property Owner	809 N 30th Ave	Hattiesburg, MS 39401
Property Owner	809 N 31st Ave	Hattiesburg, MS 39401
Property Owner	810 E 8th St	Hattiesburg, MS 39401
Property Owner	810 Mobile St	Hattiesburg, MS 39401
Property Owner	810 N 30th Ave	Hattiesburg, MS 39401
Property Owner	811 Fairley St	Hattiesburg, MS 39401
Property Owner	811 N 31st Ave	Hattiesburg, MS 39401
Property Owner	813 E 7th St	Hattiesburg, MS 39401
Property Owner	813 Fairley St	Hattiesburg, MS 39401
Property Owner	813 Fairley St	Hattiesburg, MS 39401
Property Owner	813 N 31st Ave	Hattiesburg, MS 39401
Property Owner	813 New Orleans St	Hattiesburg, MS 39401
Property Owner	815 Mobile St	Hattiesburg, MS 39401
Property Owner	815 New Orleans St	Hattiesburg, MS 39401
Property Owner	816 Mobile St	Hattiesburg, MS 39401
Property Owner	817 Mobile St	Hattiesburg, MS 39401
Property Owner	821 Mobile St	Hattiesburg, MS 39401
Property Owner	823 Atlanta St	Hattiesburg, MS 39401
Property Owner	823 New Orleans St	Hattiesburg, MS 39401
Property Owner	824 Mobile St	Hattiesburg, MS 39401
Property Owner	825 Mobile St	Hattiesburg, MS 39401
Property Owner	827 N 28TH AV	Hattiesburg, MS 39401
Property Owner	841 Main St	Hattiesburg, MS 39401
Property Owner	853 Main St	Hattiesburg, MS 39401
Property Owner	859 Main St	Hattiesburg, MS 39401
Property Owner	867 Main St	Hattiesburg, MS 39401
Property Owner	900 Mobile St	Hattiesburg, MS 39401
Property Owner	900 N 29th Ave	Hattiesburg, MS 39401
Property Owner	900 N 30th Ave	Hattiesburg, MS 39401

Property Owner	901 E 8th St	Hattiesburg, MS 39401
Property Owner	901 Main St	Hattiesburg, MS 39401
Property Owner	901 Mobile St	Hattiesburg, MS 39401
Property Owner	901 N 30th Ave	Hattiesburg, MS 39401
Property Owner	901 N 31st Ave	Hattiesburg, MS 39401
Property Owner	902 N 30th Ave	Hattiesburg, MS 39401
Property Owner	903 N 30th Ave	Hattiesburg, MS 39401
Property Owner	903 N 31st Ave	Hattiesburg, MS 39401
Property Owner	903 Short 7th St	Hattiesburg, MS 39401
Property Owner	904 Mobile St	Hattiesburg, MS 39401
Property Owner	904 Mobile St	Hattiesburg, MS 39401
Property Owner	904 N 30th Ave	Hattiesburg, MS 39401
Property Owner	905 N 30th Ave	Hattiesburg, MS 39401
Property Owner	905 N 31st Ave	Hattiesburg, MS 39401
Property Owner	906 E 7th St	Hattiesburg, MS 39401
Property Owner	906 Mobile St	Hattiesburg, MS 39401
Property Owner	906 N 30th Ave	Hattiesburg, MS 39401
Property Owner	906 Short 7th St	Hattiesburg, MS 39401
Property Owner	907 Atlanta St	Hattiesburg, MS 39401
Property Owner	907 E 7th St	Hattiesburg, MS 39401
Property Owner	907 N 30th Ave	Hattiesburg, MS 39401
Property Owner	907 N 31st Ave	Hattiesburg, MS 39401
Property Owner	907 Short 7th St	Hattiesburg, MS 39401
Property Owner	908 E 7th St	Hattiesburg, MS 39401
Property Owner	908 N 30th Ave	Hattiesburg, MS 39401
Property Owner	909 N 30th Ave	Hattiesburg, MS 39401
Property Owner	909 N 31st Ave	Hattiesburg, MS 39401
Property Owner	910 Atlanta St	Hattiesburg, MS 39401
Property Owner	910 E 7th St	Hattiesburg, MS 39401
Property Owner	910 N 30th Ave	Hattiesburg, MS 39401
Property Owner	911 Atlanta St	Hattiesburg, MS 39401
Property Owner	911 Main St	Hattiesburg, MS 39401
Property Owner	911 N 31st Ave	Hattiesburg, MS 39401
Property Owner	912 Atlanta St	Hattiesburg, MS 39401
Property Owner	912 N 28TH AV	Hattiesburg, MS 39401
Property Owner	913 E 7th St	Hattiesburg, MS 39401
Property Owner	915 Main St	Hattiesburg, MS 39401
Property Owner	915 Mobile St	Hattiesburg, MS 39401
Property Owner	917 Mobile St	Hattiesburg, MS 39401
Property Owner	918 Mobile St	Hattiesburg, MS 39401
Property Owner	921 Atlanta St	Hattiesburg, MS 39401
Property Owner	921 Mobile St	Hattiesburg, MS 39401
Property Owner	923 Atlanta St	Hattiesburg, MS 39401
Property Owner	923 Main St	Hattiesburg, MS 39401
Property Owner	923 Mobile St	Hattiesburg, MS 39401
Property Owner	924 Atlanta St	Hattiesburg, MS 39401
Property Owner	925 Atlanta St	Hattiesburg, MS 39401

Property Owner	926 Atlanta St	Hattiesburg, MS 39401
Property Owner	927 Atlanta St	Hattiesburg, MS 39401
Property Owner	927 N Main St	Hattiesburg, MS 39401
Property Owner	929 Mobile St	Hattiesburg, MS 39401
Property Owner	422 Forrest St	Hattiesburg, MS 39401
Clinton Properties, LLC	P.O. Box 70	Hattiesburg, MS 39403

510 FMP

PPI and FMP updated their respective plans in 2021. The FMP and PPI group met on March 31, 2021 in person and through virtual means following this date. These groups discussed, reviewed, and approved updates to the City's FMP and PPI plans. The updated plans were submitted to FEMA and VERISK for review on August 24,2021 with intentions to follow through with implementation based on the response. The City received response on November 2, 2021. However, at the time of the response, the City experienced significant staffing shortages including two resignation of key staff and maternity and paternity of key staff and support staff. They City has yet to respond or implement the approved changes through the FMP and PPI. The City intends to move forward with improvements to the FMP and PPI documents as advised by

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Jennifer Shows, Grants Coordinator**

cc: **Kermas Eaton, City Clerk**

Date: **Tuesday, April 19, 2022**

Re: **Approve and authorize issuance of manual checks for CDBG/HOME Program Claims per attached Memorandum. {HOME/Entitlement CDBG}**
File Number: 2022-285
Minute Book #

Summary
Approve and authorize issuance of manual checks for CDBG/HOME Program Claims per attached Memorandum. {HOME/Entitlement CDBG}

Recommendation Statement
I recommend approval of this item.

Please place this on the April 19, 2022 City Council meeting for consideration.

MEMORANDUM

TO: City of Hattiesburg Council Members

FROM: Jennifer Shows
Department of Urban Development

SUBJECT: Authorize issuance of manual check for CDBG/HOME Program claims

DATE: April 19, 2022

The following request for payment is being submitted for approval during the City Council's April 19, 2022 meeting. Please authorize and approve issuance of a manual check for the claims listed below:

Recipient:	**Lisa Means**
Activity:	Substantial Rehabilitation
Program:	CDBG
Project Site:	515 Columbia Street
Amount Requested:	**$900.00**
Purpose of Request:	Temporary relocation (04/28/22 – 05/27/22)

Recipient:	**Helen O'Neal**
Activity:	Substantial Rehabilitation
Program:	CDBG
Project Site:	303 J.C. Killingsworth Drive
Amount Requested:	**$900.00**
Purpose of Request:	Temporary relocation (04/28/22 – 05/27/22)

Recipient:	**Norris & Company, LLC**
Activity:	Substantial Rehabilitation
Program:	CDBG
Project Site:	1413 Arledge Street
Amount Requested:	**$66,125.00**
Purpose of Request:	Reimbursement

NORRIS & COMPANY, LLC.
57 CARTER DRIVE
SEMINARY, MS. 39479
PHONE: (601)722-4431

RECEIVED 4/11/22 PW

BILL TO:

PETRA WINGO
CITY OF HATTIESBURG
COMMUNITY DEVELOPMENT DIVISION
P.O. BOX 1898
HATTIESBURG, MS. 39403

April 11, 2022

DESCRIPTION	PRICE	TOTAL
1413 ARLEDGE STREET		
REHABILITATION COMPLETE	***$66,125.00***	

THANK YOU FOR YOUR BUSINESS!

TOTAL DUE: ***$66,125.00***

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Ann Jones, Chief Administrative Officer**

cc: **Armendia Esters, Division Manager/MPO, Calvin Russell, HCT Division Manager**

Date: **Tuesday, April 19, 2022**

Re: **Authorize and approve publication of notice of public comment period from April 28, 2022, to May 31, 2022, and authorize publication of the same on April 28, 2022; May 5, 2022; May 19, 2022; and May 26, 2022, by the Hattiesburg-Petal-Forrest-Lamar MPO for the public comment period for the Transportation Master Plan (TMP).**
File Number: 2022-252
Minute Book #

Summary

Authorize and approve publication of notice of public comment period from April 28, 2022, to May 31, 2022, and authorize publication of the same on April 28, 2022; May 5, 2022; May 19, 2022; and May 26, 2022, by the Hattiesburg-Petal-Forrest-Lamar MPO for the public comment period for the Transportation Master Plan (TMP).

Recommendation Statement

I recommend the authorization of the public comment period for the fiscal year 2021-2024 TMP.

Please place this on the April 19, 2022 City Council meeting for consideration.

PUBLIC NOTICE
PUBLIC COMMENT PERIOD
Hattiesburg-Petal-Forrest-Lamar Metropolitan Planning Organization
TRANSPORTATION MASTER PLAN (TMP)

The Hattiesburg-Petal-Forrest-Lamar Metropolitan Planning Organization (HPFL-MPO) will hold a 30-day public comment period beginning **April 28, 2022,** for the public to review and provide comments regarding the proposed Transit Master Plan (TMP). This process is being conducted in accordance with State and Federal guidelines and the HPFL-MPO Public Participation Plan procedures.

The proposed plan will be available for review at www.hattiesburgms.com/mpo. A hard copy of the documents can be requested by contacting the MPO office at 601.554.1008. The official review and comment period will be held from April 28, 2022 – May 31, 2022.

Written comments regarding the proposed plan should be emailed to mpo@hattiesburgms.com or mailed to:

Armendia Pierce, MPO Division Manager
P.O. Box 1898
Hattiesburg, MS 39403

Anyone who may require auxiliary aids or special accommodations to participate in this comment period should advise the HPFL-MPO by calling 601.554.1008 or emailing aesters@hattiesburgms.com for assistance.

PUBLISH four (4) times in the Legal Section of the Hattiesburg Post: April 28, 2022; May 5, 2022; May 19, 2022; and May 26, 2022.

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Lamar Rutland**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve plans and specifications for the Hall Avenue Roundabout Project at Bay Street, Arledge Street and James Street (FBLD-8769-00(001)LPA / 108639-801000), and approve authority to advertise for bids.**
File Number: 2022-284
Minute Book #

Summary
Approve plans and specifications for the Hall Avenue Roundabout Project at Bay Street, Arledge Street and James Street (FBLD-8769-00(001)LPA / 108639-801000), and approve authority to advertise for bids.

Recommendation Statement
I recommend approval of plans and specifications and authority to advertise.

Please place this on the April 19, 2022 City Council meeting for consideration.

PLAN STAGE	DATE PRINTED
☐ FIELD REVIEW	08-06-2021
☐ OFFICE REVIEW	10-15-2021
☐ PS&E	01-10-2022
☒ STREET READY	04-19-2022

HALL AVENUE ROUNDABOUT

AT BAY STREET / ARLEDGE STREET / JAMES STREET

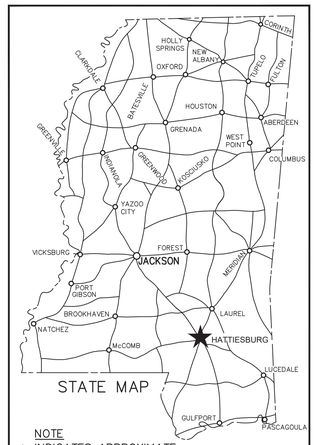
FEDERAL AID PROJECT NO. FBLD-8769-00(001)LPA / 108639-801000

CITY OF HATTIESBURG

FORREST COUNTY

SCALES

PLAN		1 IN. = 20 FT.
PROFILE	HOR.	1 IN. = 20 FT.
	VERT.	1 IN. = 5 FT.
LAYOUT		1 IN. = 250 FT.



STATE MAP

NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 31.3175 N LONG. 89.2863 W
(APPROX. MIDDLE OF PROJECT)

MAYOR

TOBY BARKER

CHIEF ADMINISTRATIVE OFFICER

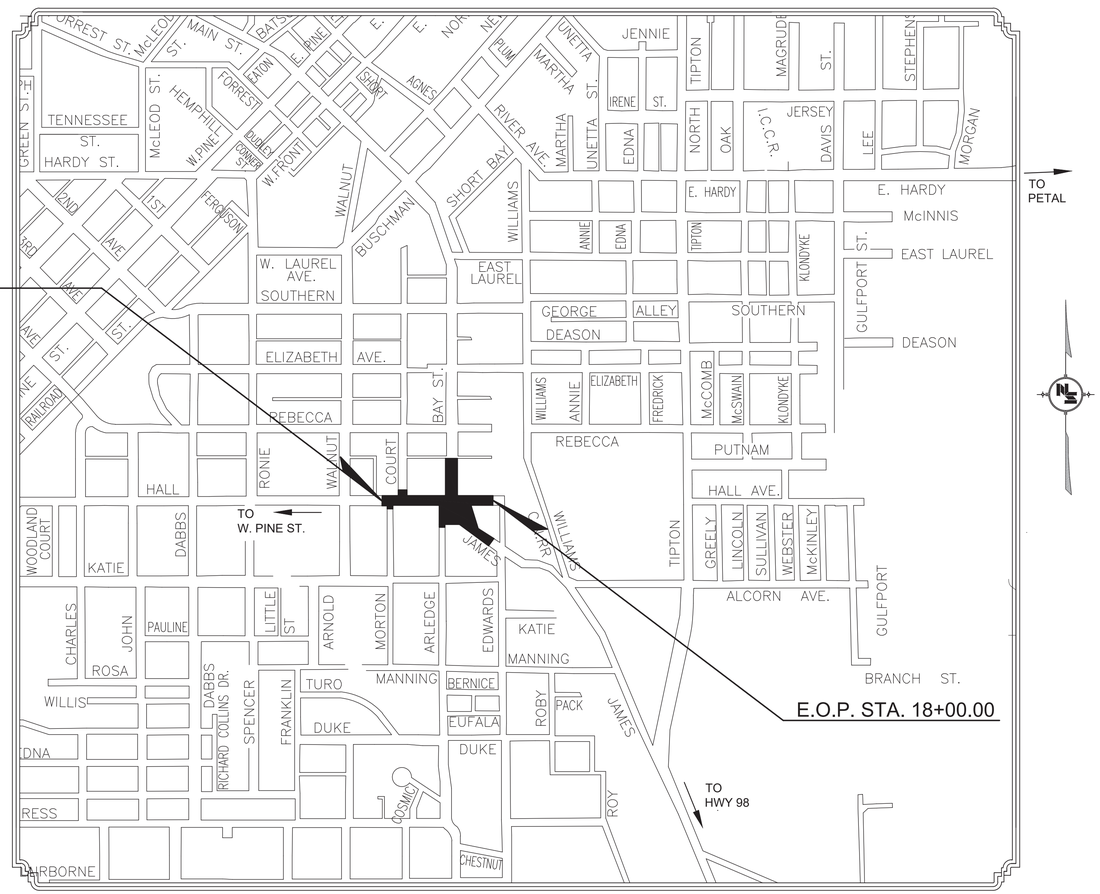
ANN JONES

ENGINEERING DIRECTOR

LAMAR RUTLAND, P.E.

COUNCIL MEMBERS

JEFFREY GEORGE	WARD 1
DEBORAH D. DELGADO	WARD 2
CARTER CARROLL	WARD 3
DAVE WARE	WARD 4
NICHOLAS BROWN	WARD 5



VICINITY MAP

PROJECT LOCATION

LENGTH DATA

LENGTH OF ROADWAY	684.15 FT.	0.129 MI.
LENGTH OF BRIDGES	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (NET)		0.129 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		0.129 MI.

DESIGN CONTROL
30 MPH = V (SPEED DESIGN)
ADT (2021) = 7000 : ADT (2031) = 7600
DHV = 760 : D = 50 % T = 2 %

PERMITS		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):	WATERS	WETLANDS
NATIONWIDE #14	--	--
NATIONWIDE (OTHER)*	--	--
GENERAL*	--	--
INDIVIDUAL (404)*	--	--

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT [S]	
Y	REQUIRED, CNOI SUBMITTED BY LPA (DISTURBED AREA = 5 ACRES +)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES +)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY:_____ DATE:_____

UTILITIES

CITY OF HATTIESBURG	- (601) 545-4530
MISSISSIPPI POWER	- (601) 426-4800
AT&T	- (601) 310-0704
SPIRE GAS	- (601) 549-9071
XFINITY (COMCAST)	- (601) 874-1213
CSPIRE	- (601) 624-4026

PREPARED BY :

NEEL-SCHAFFER
Solutions you can build upon

GEOFFREY PAUL CROSBY
LICENSED PROFESSIONAL ENGINEER
19984
STATE OF MISSISSIPPI
01/10/2022

_____ **DATE :** _____

GEOFFREY P. CROSBY, P.E.
MISSISSIPPI LICENSE NO. 19984

3/28/2022, 3:10 PM dc:\16000\vol1\hattiesburg\16214 hall avenue west\design\project\ – roundabout\plans\16214-rb_title.dwg

DESCRIPTION OF SHEET	WKG. NO.	SHT. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (2)		
DETAILED INDEX	DI–1	2
GENERAL NOTES	GN–1	3
TYPICAL SECTION SHEETS (2)		
TYPICAL SECTIONS	TS–1	4
TYPICAL SECTIONS	TS–2	5
QUANTITY SHEETS (9)		
SUMMARY OF QUANTITIES	SQ–1	6
SUMMARY OF QUANTITIES	SQ–2	7
SUMMARY OF QUANTITIES	SQ–3	8
ESTIMATED QUANTITIES – REMOVAL ITEMS	EQ–1	9
ESTIMATED QUANTITIES – DRAINAGE STRUCTURES AND JUNCTION BOXES	EQ–2	10
ESTIMATED QUANTITIES – CURB & GUTTER, ISLAND PAVEMENT, CONCRETE SIDEWALKS AND DRIVEWAYS	EQ–3	11
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ–4	12
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL	EQ–5	13
ESTIMATED QUANTITIES – PERMANENT MARKING AND ROADSIDE SIGNS	EQ–6	14
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DEMOLITION PLAN – ROUNDABOUT	DEMO–1	15
DEMOLITION PLAN – BAY ST. / ARLEDGE ST. / JAMES ST.	DEMO–1	16
ROUNDABOUT PLAN – HALL AVENUE / ARLEDGE STREET / JAMES STREET / BAY STREET	WK–3	17
ROUNDABOUT PLAN – LEG EXTENSIONS – BAY ST. / JAMES ST. / HALL AVE.	WK–4	18
FORM GRADES SHEETS (2)		
FORM GRADES – ROUNDABOUT AND JAMES STREET / ARLEDGE STREET	FG–1	19
FORM GRADES – HALL AVE AND BAY STREET	FG–2	20
INTERSECTION DETAIL SHEET (4)		
INTERSECTION DETAIL – HALL AVENUE	ID–1	21
INTERSECTION DETAIL – ROUNDABOUT	ID–2	22
INTERSECTION DETAIL – BAY STREET / ARLEDGE STREET	ID–3	23
INTERSECTION DETAIL – JAMES STREET	ID–4	24
TRAFFIC CONTROL SHEETS (7)		
TRAFFIC CONTROL DETAILS – CONSTRUCTION SIGNING	CS–1	25
TRAFFIC CONTROL PLAN – DETOUR ROUTE – ALL PHASES	CS–2	26
TRAFFIC CONTROL PLAN – DETOUR ROUTE – PHASE IV	CS–3	27
TRAFFIC CONTROL PHASE I	TC–1	28
TRAFFIC CONTROL PHASE II	TC–2	29
TRAFFIC CONTROL PHASE III	TC–3	30
TRAFFIC CONTROL PHASE IV	TC–4	31
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CENTRAL ISLAND DETAILS	DET–2	33
MISCELLANEOUS CONSTRUCTION DETAILS	DET–3	34
CURB CUT RAMP AND DETECTABLE WARNING DETAILS	DET–4	35
CURB CUT RAMP AND MEDIAN ISLAND PAVEMENT DETAILS	DET–5	36
CURB INLET – SINGLE UNIT	CI–1	37
CURB INLET – DOUBLE UNIT	CI–2	38
EROSION & SEDIMENT CONTROL PLANS (3)		
EROSION & SEDIMENT CONTROL PLAN – NOTES AND LEGEND	ECP–1	39
EROSION & SEDIMENT CONTROL PLAN – HALL AVE. B.O.P. TO STA. 14+00 AND STA. 17+50 TO E.O.P.	ECP–2	40
EROSION & SEDIMENT CONTROL PLAN – ROUNDABOUT AND JAMES ST. / ARLEDGE ST. / BAY ST.	ECP–3	41
LANDSCAPING PLAN AND DETAILS (3)		
LANDSCAPE PLAN – ROUNDABOUT, HALL AVENUE AND ARLEDGE STREET	LS–1	42
LANDSCAPE PLAN – JAMES STREET & BAY STREET	LS–2	43
LANDSCAPE DETAILS AND VEGETATION SCHEDULE	LS–3	44

DESCRIPTION OF SHEET	WKG. NO.	SHT. NO.
PAVEMENT MARKING AND ROADWAY DETAILS (2)		
PAVEMENT MARKING DETAILS – HALL AVE. – B.O.P. TO STA. 14+00 AND STA. 17+50 TO STA. 18+50	PM–1	45
PAVEMENT MARKING DETAILS – ROUNDABOUT AND JAMES ST. / ARLEDGE ST. / BAY ST.	PM–2	46
PERMANENT SIGNING PLANS (2)		
PERMANENT SIGNING PLAN – HALL AVE. – B.O.P. TO STA. 14+00 AND STA. 17+50 TO STA. 18+50	PSP–1	1001
PERMANENT SIGNING PLAN – ROUNDABOUT AND JAMES ST. / ARLEDGE ST. / BAY ST.	PSP–2	1002
TRAFFIC SIGNAL DESIGN SHEETS AND DETAILS (7)		
TRAFFIC SIGNAL INSTALLATION, CHARTS & NOTES, JAMES ST. AND EDWARDS ST.	TSI–1	2001
TRAFFIC SIGNAL GENERAL NOTES	TSD–1	2002
TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS AND WIND SPEEDS	TSD–2	2003
TRAFFIC SIGNAL GROUNDING DETAILS	TSD–5	2004
CONTROLLER CABINET AND POWER SERVICE DETAILS	TSD–6	2005
DETECTION INSTALLATION FOR TRAFFIC SIGNALS	TSD–9	2006
TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION)	TSD–11	2007
LIGHTING DESIGN SHEETS (9)		
LIGHTING – GENERAL NOTES, ABBREVIATIONS AND LEGEND	LN–1	4001
LIGHTING PLAN – HALL AVENUE – B.O.P. TO STA. 13+25	LP–1	4002
LIGHTING PLAN – ROUNDABOUT AND ARLEDGE STREET	LP–2	4003
LIGHTING PLAN – BAY STREET – STA. 8+14 TO E.O.P.	LP–3	4004
LIGHTING PLAN – JAMES STREET – STA. 1+78 TO STA. 3+75	LP–4	4005
LIGHTING DETAILS I	LD–1	4006
LIGHTING DETAILS II	LD–2	4007
LIGHTING – ESTIMATED QUANTITIES	LEQ–1	4008
MDOT STANDARD DRAWINGS (22)		
CONCRETE ISLAND PAVEMENT DETAILS	CIP–1	6011
PAVEMENT MARKING DETAILS FOR 2–LANE AND 4–LANE DIVIDED HIGHWAYS	PM–1	6051
PAVEMENT MARKING LEGEND DETAILS	PM–6	6056
TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD–1	6101
DETAILS OF SILT FENCE INSTALLATION	ECD–3	6103
ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD–10	6110
TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD–11	6111
INLET PROTECTION DETAILS OF WATTLES	ECD–13	6113
INLET PROTECTION DETAILS OF SANDBAGS	ECD–15	6115
STABILIZED CONSTRUCTION ENTRANCE	ECD–16	6116
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN–4	6306
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE–LANE CLOSURE OF TWO–WAY TRAFFIC)	TCP–1	6351
HIGHWAY SIGN BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP–8	6358
TEMPORARY STRIPING FOR TRAFFIC CONTROL, 2–LANE AND 4–LANE DIVIDED HIGHWAYS	TCP–13	6363
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP–16	6366
DRIVEWAYS, CURB & GUTTER & SIDEWALK	SD–1	6419
CONCRETE PIPE COLLAR	PC–1	6503
JUNCTION BOX FOR PIPE CULVERTS	JB–1	6504
DETAILS OF GRATES FOR GUTTER INLETS	IG–2	6517
STORM SEWER INLET TYPE SS–2	SS–2	6524
STORM SEWER INLET TYPE SS–3	SS–3	6525
DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS	B–9	6527

TOTAL NUMBER OF SHEETS (85)

NOTICE TO DRAWING HOLDER

NEEL–SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

NO.	DATE	BY	REVISIONS DESCRIPTION

DRAWING INFORMATION	
N–S PROJECT NO.: NS.16214.01	
FILENAME: 16214–RB_Index.dwg	
SCALE: NO SCALE	
SURVEYED BY:	
DSGN: GPC	DATE: 08/2021
DRWN: JPF	DATE: 08/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

JEFFREY PAUL CROSS — 19984 — REGISTERED PROFESSIONAL ENGINEER — STATE OF MISSISSIPPI
01/10/2022

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DRAWING INDEX

WORKING NUMBER:	DRAWING NUMBER:
DI-1	2

1/10/2022 8:13 AM o:\16000\active\16214 hall avenue west\design\project\f - roundabout\plans\16214_rb_index.dwg

GENERAL NOTES

1. THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2017 EDITION, AS AMENDED, SHALL BE THE STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT UNLESS OTHERWISE INDICATED OR AMENDED IN THE SPECIAL PROVISIONS, PROPOSAL AND CONTRACT DOCUMENTS.

2. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.

3. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.

4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHOULD BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

5. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION, OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

6. ANY WELL POINTS, COFFERDAMS, OR OTHER ACCEPTABLE METHODS FOR DEWATERING REQUIRED TO PERMIT CONSTRUCTION OF STRUCTURES OR PIPE CULVERTS UNDER DRY CONDITIONS SHALL BE COST ABSORBED IN OTHER BID ITEMS.

7. REMOVAL OF RAISED PAVEMENT MARKERS ARE NOT CONSIDERED A SEPARATE PAY ITEM.

8. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.

9. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

10. ALL STORM DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE.

11. ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.

12. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

13. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).

14. THE LOCATION AND SPACING OF BOTH TEMPORARY AND PERMANENT SIGNS, SHOWN IN THE PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

15. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.

16. THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

17. WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

18. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.

19. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

20. ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

21. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).

22. ALL RAISED OBJECTS SHALL BE PLACED A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB.

23. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE AND COORDINATE WITH CITY OFFICIALS IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE.

24. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THROUGH AND LOCAL TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.

25. THE CONTRACTOR SHALL PROVIDE ACCESS (INGRESS AND EGRESS) TO LOCAL BUSINESSES AND HOMEOWNERS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO NOTIFY BUSINESSES AND HOMEOWNERS 48 HOURS IN ADVANCE OF ACCESS RESTRICTIONS.

26. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE VERIFICATION, PROTECTION, AND RELOCATION OF CONTROL BENCHMARKS DURING CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE FOR RELOCATION OF BENCHMARKS.

27. DEMOLITION AND CONSTRUCTION OPERATIONS SHALL CORRESPOND TO THE CONSTRUCTION PHASES AS NOTED IN THE DRAWINGS.

28. ALL UTILITY CONFLICTS ARE TO BE RELOCATED BY OTHERS.
FOR A LIST OF PUBLIC UTILITIES & CONTRACT NUMBERS, SEE TITLE SHEET AND WKG NO. WK3.

29. CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR RELOCATION AND/OR ADJUSTMENT OF EXISTING POWER, TELEPHONE, AND CABLE TV UTILITIES. CONTRACTOR SHALL PROVIDE ACCESS TO THE UTILITY COMPANIES FOR RELOCATION AND/OR ADJUSTMENT ACTIVITIES, AS REQ'D.

NOTICE TO DRAWING HOLDER

NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: 16214-RB_Notes.dwg	
SCALE: NO SCALE	
SURVEYED BY:	
DSGN: GPC	DATE: 10/2021
DRWN: JPF	DATE: 10/2021
CHKD:	DATE:
QA/QC:	DATE:

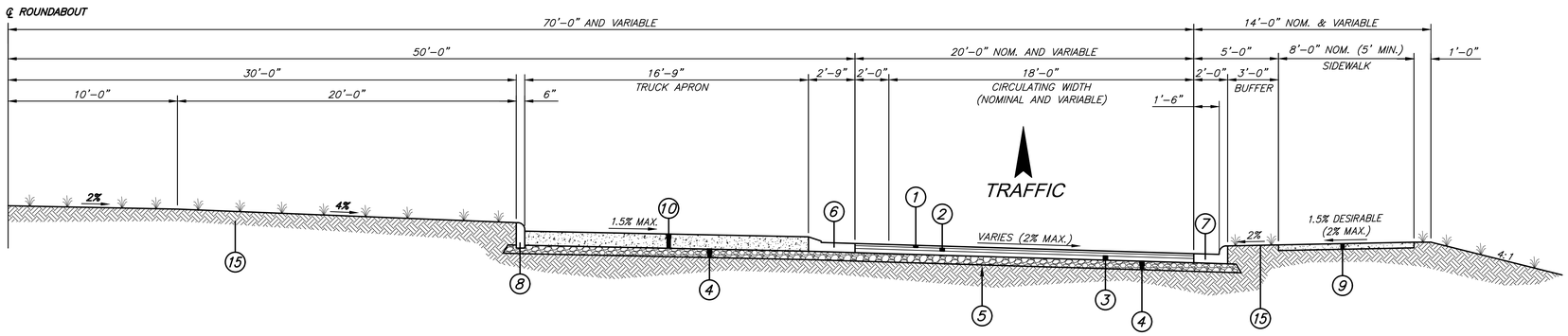
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
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CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
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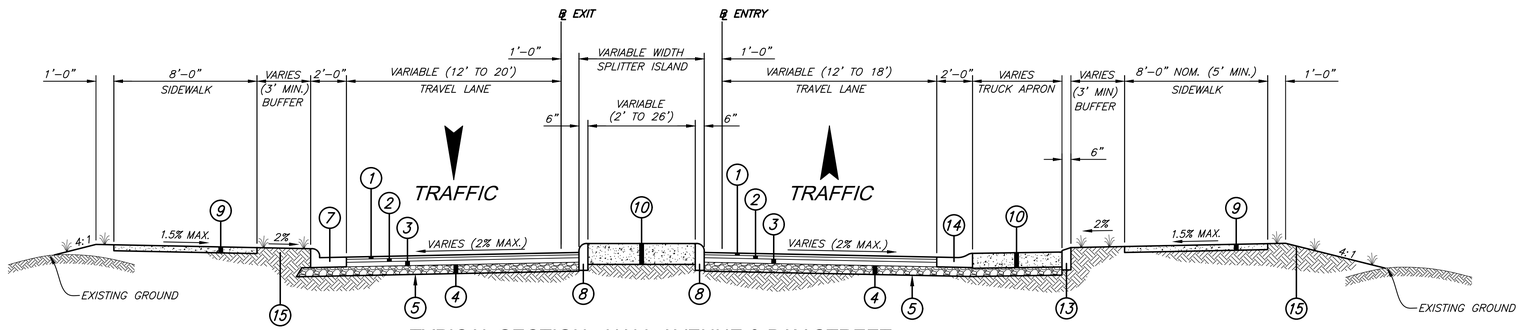
GENERAL NOTES

WORKING NUMBER:	DRAWING NUMBER:
GN-1	3

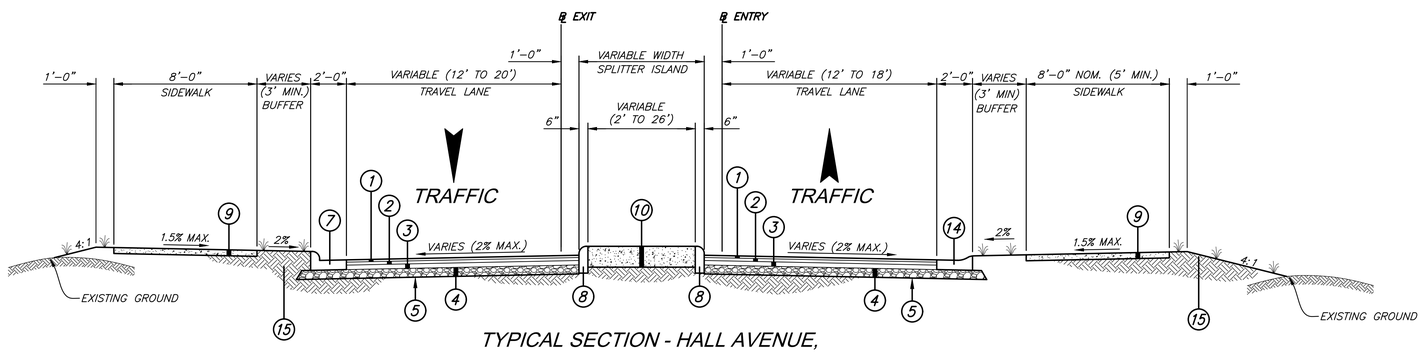
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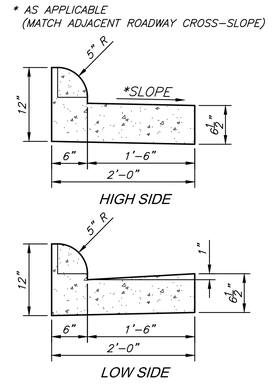
TYPICAL SECTION
ROUNDABOUT CONSTRUCTION



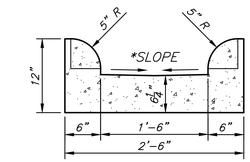
TYPICAL SECTION - HALL AVENUE & BAY STREET,
JAMES STREET & HALL AVENUE
SINGLE-LANE - ROUNDABOUT - ENTRY / EXIT



TYPICAL SECTION - HALL AVENUE,
JAMES STREET, ARLEDGE STREET
SINGLE-LANE - ROUNDABOUT - ENTRY / EXIT

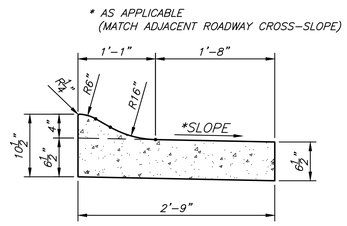


TYPE "3B" MODIFIED
DETAIL OF COMBINATION CURB & GUTTER
NOT TO SCALE

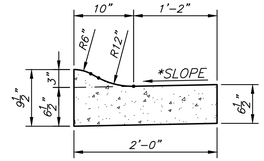


* VALLEY SLOPE BETWEEN EACH CURB FACE

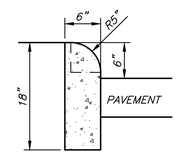
SPECIAL DESIGN
DETAIL OF CONCRETE
VALLEY GUTTER



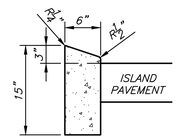
TYPE "2" MODIFIED
DETAIL OF COMBINATION CURB & GUTTER
NOT TO SCALE



SPECIAL DESIGN
DETAIL OF CONCRETE GUTTER
NOT TO SCALE



DETAIL OF HEADER CURB
NOT TO SCALE



SPECIAL DESIGN
DETAIL OF HEADER
NOT TO SCALE

(A) EXISTING ROADWAY PAVEMENT
(1) 1.5" ASPHALT PAVEMENT, MT (9.5mm MIXTURE) (1 @ 1.5") REQ'D.
(2) 2" ASPHALT PAVEMENT, MT (12.5mm MIXTURE) (1 @ 2") REQ'D.
(3) 3" ASPHALT PAVEMENT, MT (19.0mm MIXTURE) (1 @ 3") REQ'D.
(4) 6" CRUSHED STONE BASE
(5) GEOTEXTILE FABRIC – TYPE V (NON-WOVEN)
(6) TYPE "2" MODIFIED CONCRETE CURB AND GUTTER
(7) TYPE "3B" MODIFIED CONCRETE CURB AND GUTTER
(8) CONCRETE HEADER CURB
(9) SIDEWALK (TYPE AND THICKNESS VARIES, SEE PLANS)
(10) 10" CONCRETE MEDIAN AND/OR ISLAND PAVEMENT
(11) VARIABLE DEPTH ASPHALT PAVEMENT, MT (9.5mm) LEVELING REQ'D.
(12) VARIABLE DEPTH COLD MILLING OF ASPHALT PAVEMENT
(13) SPECIAL DESIGN HEADER CURB
(14) SPECIAL DESIGN CONCRETE GUTTER
(15) VAR. DEPTH BORROW B7-6
AREA TO BE TREATED IN ACCORDANCE WITH LANDSCAPE PLANS

NOTICE TO DRAWING HOLDER

NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
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FILENAME: *16214-RB_Typicals.dwg*	
SCALE: NO SCALE	
SURVEYED BY:	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

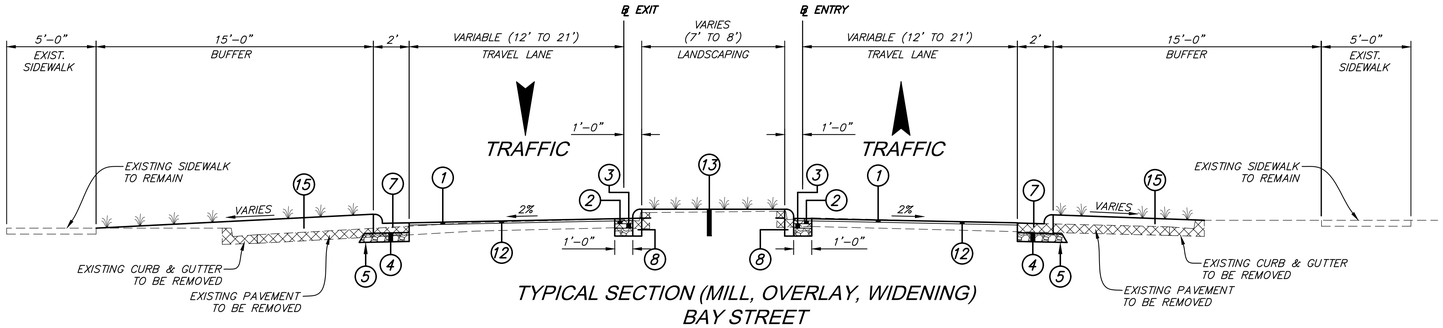
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

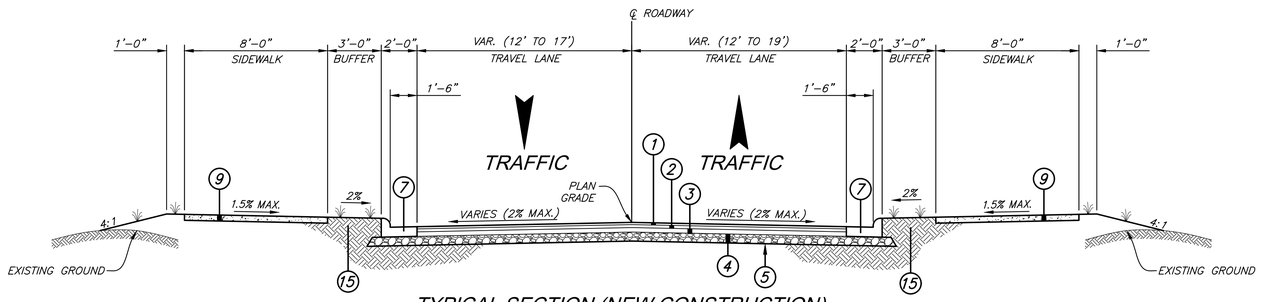
TYPICAL SECTIONS

WORKING NUMBER:	DRAWING NUMBER:
TS-1	4

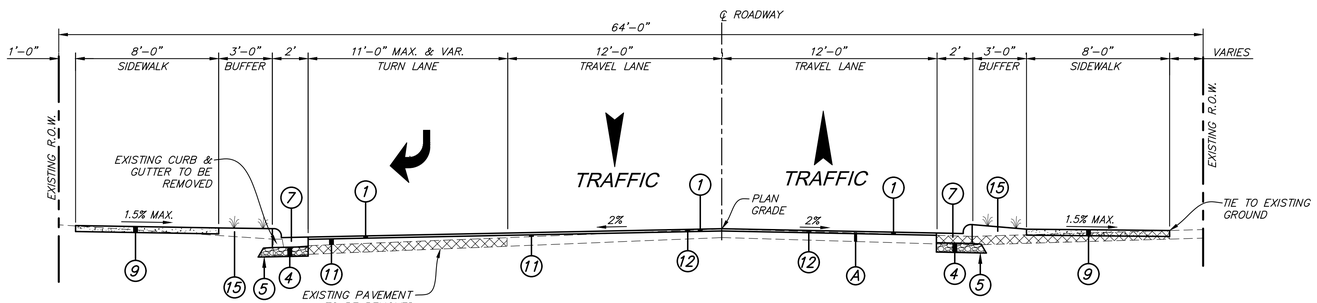
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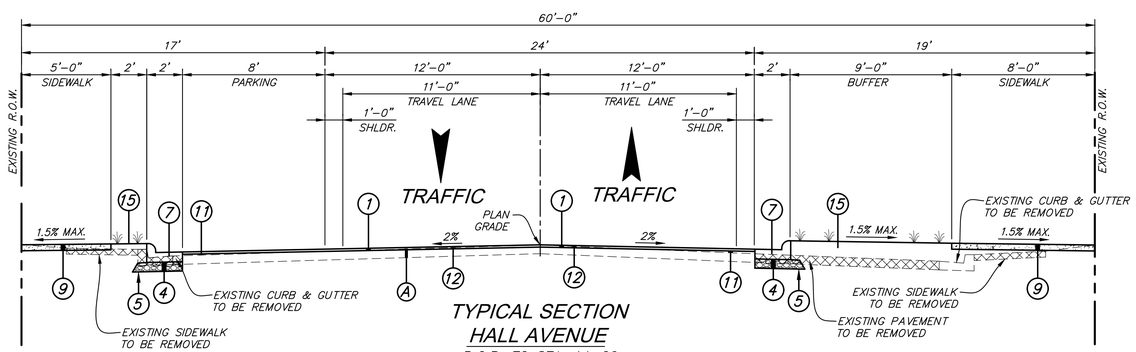
TYPICAL SECTION (MILL, OVERLAY, WIDENING)
BAY STREET



TYPICAL SECTION (NEW CONSTRUCTION)
JAMES STREET, ARLEDGE STREET



TYPICAL SECTION (MILL, OVERLAY, WIDENING)
JAMES STREET



TYPICAL SECTION
HALL AVENUE
B.O.P. TO STA. 14+20

- (A) EXISTING ROADWAY PAVEMENT
- (1) 1.5" ASPHALT PAVEMENT, MT (9.5mm MIXTURE) (1 @ 1.5") REQ'D.
- (2) 2" ASPHALT PAVEMENT, MT (12.5mm MIXTURE) (1 @ 2") REQ'D.
- (3) 3" ASPHALT PAVEMENT, MT (19.0mm MIXTURE) (1 @ 3") REQ'D.
- (4) 6" CRUSHED STONE BASE
- (5) GEOTEXTILE FABRIC – TYPE V (NON–WOVEN)
- (6) TYPE "2" MODIFIED CONCRETE CURB AND GUTTER
- (7) TYPE "3B" MODIFIED CONCRETE CURB AND GUTTER
- (8) CONCRETE HEADER CURB
- (9) SIDEWALK (TYPE AND THICKNESS VARIES, SEE PLANS)
- (10) 10" CONCRETE MEDIAN AND/OR ISLAND PAVEMENT
- (11) VARIABLE DEPTH ASPHALT PAVEMENT, MT (9.5mm) LEVELING REQ'D.
- (12) VARIABLE DEPTH COLD MILLING OF ASPHALT PAVEMENT
- (13) SPECIAL DESIGN HEADER CURB
- (14) SPECIAL DESIGN CONCRETE GUTTER
- (15) VAR. DEPTH BORROW B7–6
- AREA TO BE TREATED IN ACCORDANCE WITH LANDSCAPE PLANS

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N–S PROJECT NO.: NS.16214.01	
FILENAME: *16214–RB_Typicals.dwg*	
SCALE: NO SCALE	
SURVEYED BY:	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL–SCHAFFER
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TYPICAL SECTIONS

WORKING NUMBER:	DRAWING NUMBER:
TS-2	5

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FMS: 108639-801000

STATE	PROJECT NO.
MISS	FBLD-8769-00(001)

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	FORREST : 108639-801000		
			Prelim	Final	
201-A001	Clearing and Grubbing	LS	1		
202-B052	Removal of Concrete Driveways, All Depths	SY	399		
202-B080	Removal of Concrete Sidewalk	SY	562		
202-B089	Removal of Curb &/or Curb and Gutter, All Types	LF	3,050		
202-B163	Removal of Inlet Tops	EA	2		
202-B165	Removal of Inlets, All Sizes	EA	5		
202-B188	Removal of Pavement, All Types and Depths	SY	4,611		(2)
202-B191	Removal of Pipe, 8" And Above	LF	266		
202-B219	Removal of Sign, Ground Mounted with Posts	EA	5		
202-B244	Removal of Trees	EA	33		(1)
203-A001	Unclassified Excavation, FM, AH	CY	150		
203-EX018	Borrow Excavation, AH, FME, Class B7-6	CY	1,650		
203-G001	Excess Excavation, FM, AH	CY	100		
206-A001	Structure Excavation	CY	165		
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	5,560		
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	690		
211-C001	Topsoil for Plant Holes, Contractor Furnished	CY	115		
216-B002	Solid Sodding, Centipede	SY	6,200		(3)
219-A001	Watering	KGAL	125		
220-A001	Insect Pest Control	ACRE	1		
230-A051	Shrub Planting, Giant Liriope	EA	42		
230-A053	Shrub Planting, Glossy Abelia	EA	6		
230-A094	Shrub Planting, Nellie R. Stevens Holly	EA	2		
230-A100	Shrub Planting, Parsons Juniper	EA	515		
230-A108	Shrub Planting, Purple Pixie Loropetalum	EA	26		
230-B027	Tree Planting, Crape Mytle 'Watermelon Red'	EA	12		
230-B049	Tree Planting, Little Gem Magnolia	EA	14		
230-B082	Tree Planting, Sweet Bay Magnolia	EA	3		
230-B095	Tree Planting, Willow Oak	EA	2		
230-D001	Bed Preparation	SF	2,500		
232-A003	Fertilizer for Woody Plant Material, Tablet, 21 gram	K	1		
233-A003	Tree Bark Mulch, Type III	CY	25		
233-A005	Tree Bark Mulch, Type V	CY	30		
L00011: 230-B500	Tree Planting, Chinese Elm	EA	13		
L00076: 230-A500	Shrub Planting, Blue Cascade Distylium	EA	25		
L00076: 230-A500	Shrub Planting, Drift Rose "Peach"	EA	48		
234-A001	Temporary Silt Fence	LF	2,000		(3)
237-A002	Wattles, 20"	LF	300		(3)
246-B002	Rockbags	LF	200		(3)
304-G001	Size 3/4" and Down Crushed Stone Base, AEA	CY	1,125		

(1) INCLUDES GRINDING AND REMOVAL OF TREE STUMPS. REFER TO NOTE ON EQ-1.

(2) INCLUDES REMOVAL OF ALL TYPES OF PAVEMENT ENCOUNTERED WITHIN THE REMOVAL AREA. THE HORIZONTAL AREA WILL BE MEASURED ONLY ONCE FOR PAYMENT, REGARDLESS OF PAVEMENT MATERIAL TYPE(S) ENCOUNTERED.

(3) ESTIMATED QUANTITY. ACTUAL QUANTITY AND PLACEMENT TO BE AS DIRECTED BY THE ENGINEER.

By	CITY OF HATTIESBURG SUMMARY OF QUANTITIES	
Revision	PROJ NO: FBLD-8769-00(001) COUNTY: FORREST	Working Number SQ-1
Date	FILENAME: SQS Design Team NEEL-SCHAFFER Checked Date 03/06/2021	Sheet Number 6

STATE	PROJECT NO.
MISS	FBLD-8769-00(001)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	FORREST : 108639-801000	
			Prelim	Final
	OR			
304-G002	Size 610 Crushed Stone Base, AEA	CY	1,125	
	OR			
304-G003	Size 825B Crushed Stone Base, AEA	CY	1,125	
403-A002	12.5-mm, MT, Asphalt Pavement	TON	540	
403-A005	19-mm, MT, Asphalt Pavement	TON	800	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	570	
406-A002	Cold Milling of Bituminous Pavement, All Depths	SY	1,997	
407-A001	Asphalt for Tack Coat	GAL	800	
601-B001	Class "B" Structural Concrete, Minor Structures	CY	19	
602-A001	Reinforcing Steel	LBS	1,697	
603-CA004	15" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	328	
603-CA012	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	32	
603-CE003	22" x 13" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets	LF	224	
603-CE009	29" x 18" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets	LF	32	
604-A001	Castings	LBS	2,330	
604-B001	Gratings	LBS	3,510	
907-417-A001	Polymer Cement Surface System	SY	184	
608-A001	Concrete Sidewalk, Without Reinforcement	SY	1,664	
609-A001	Concrete Gutter, Special Design	LF	235	
609-A001	Concrete Gutter, Special Design Valley Gutter	LF	30	
609-B002	Concrete Curb, Header	LF	1,199	
609-B005	Concrete Curb, Special Design Header	LF	250	
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	302	
609-D014	Combination Concrete Curb and Gutter Type 3B Modified	LF	2,174	
613-D005	Adjustment of Manhole	EA	7	
613-D010	Adjustment of Water Meter	EA	6	
613-D011	Adjustment of Water Valve	EA	4	
614-B003	Concrete Driveway, With Reinforcement, 6-inch Thickness	SY	580	
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	393	(2)
907-616-C001	Colored and Imprinted Concrete Median and Island Pavement, 10-inch Thickness	SF	4,432	(1)
618-A001	Maintenance of Traffic	LS	1	
619-A2002	Temporary Traffic Stripe, Continuous Yellow	LF	3,272	
619-A5001	Temporary Traffic Stripe, Detail	LF	200	
619-A6001	Temporary Traffic Stripe, Legend	SF	124	
619-A6002	Temporary Traffic Stripe, Legend	LF	96	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	195	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	209	
619-G4001	Barricades, Type III, Double Faced	LF	24	
619-G4005	Barricades, Type III, Single Faced	LF	180	

(1) USED IN SPLITTER ISLANDS, OUTSIDE TRUCK APRONS, CENTRAL ISLAND TRUCK APRON AND MEDIAN NOSE POINTS. INCLUDES 10" THICK CONCRETE PAVEMENT, STAMPING AND COLORING. STAMP PATTERN SHALL BE AS SHOWN IN THE PLANS. COLOR SHALL BE SELECTED BY THE OWNER FROM STANDARD AVAILABLE COLORS.

(2) USED IN CENTRAL ISLAND TRUCK APRON AND AREA OF SIDEWALK AS SHOWN IN PLANS.

By	CITY OF HATTIESBURG SUMMARY OF QUANTITIES	
Revision	PROJ NO: FBLD-8769-00(001) COUNTY: FORREST	Working Number SQ-2
Date	FILENAME: SQS Design Team NEEL-SCHAFFER Checked Date 03/06/2021	Sheet Number 7

STATE	PROJECT NO.
MISS	FBLD-8769-00(001)

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	FORREST : 108639-801000		
			Prelim	Final	
619-G5001	Free Standing Plastic Drums	EA	59		
619-G7001	Warning Lights, Type "B"	EA	3		
620-A001	Mobilization	LS	1		
626-E003	6" Thermoplastic Traffic Stripe, Continuous Yellow	LF	2,444		
626-G002	Thermoplastic Detail Stripe, White	LF	803		
626-G003	Thermoplastic Detail Stripe, Yellow	LF	696		
626-H004	Thermoplastic Legend, White	SF	245		
626-H005	Thermoplastic Legend, White	LF	540		
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	6		
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	109		
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	168		
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	45		
630-C003	Steel U-Section Posts, 3.0 lb/ft	LF	421		
907-632-B007	Remove and Replace Existing Traffic Signal Cabinet Assembly, Type III Cabinet, Type 1 Controller	EA	1		(2)
907-643-A003	Video Vehicle Detection Sensor, Type 3	EA	1		
907-643-B001	Video Vehicle Detection Cable	LF	150		
907-259-F001	Weatherproof GFCI Receptacle	EA	4		
907-637-C026	Traffic Signal Conduit, Underground, Type 4, 1"	LF	100		(3)
907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"	LF	210		(4)
907-637-D002	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"	LF	420		(1) (3)
682-A034	Underground Branch Circuit, AWG 6, 3 Conductor	LF	2,780		
682-B032	Underground Branch Circuit, Jacked or Bored, AWG 6, 3 Conductor	LF	50		
682-F001	Secondary Power Controller	EA	1		
684-A003	Pole Foundation, 24" Diameter	CY	24		
L00034: 907-683-PP500	Lighting Assembly, Low Mast, Per Plans Type A	EA	12		
L00034: 907-683-PP500	Lighting Assembly, Low Mast, Per Plans Type B	EA	5		
L00034: 907-683-PP500	Lighting Assembly, Low Mast, Per Plans Type C	EA	3		
699-A001	Roadway Construction Stakes	LS	1		

(1) ESTIMATED QUANTITY. ACTUAL QUANTITY AND PLACEMENT TO BE AS DIRECTED BY THE ENGINEER.

(2) REPLACE EXISITNG CABINET AND ALL EQUIPMENT LOCATED WITHIN EXISTING CABINET. EXISTING FOUNDATION, CONDUIT AND CIRCUITRY SHALL REMAIN AND BE REUSED. ALL SALVAGABLE ITEMS SHALL REMAIN THE PROPERTY OF THE OWNER.

(3) ENDS OF CONDUIT SHALL BE CAPPED. LOCATIONS OF CONDUIT ENDS SHALL MARKED WITH A 2x4 POST EXTENDING 24" ABOVE FINISHED GRADE.

(4) FOR POWER SERVICE FROM SECONDARY POWER CONTROLLER TO TRANSFORMER POLE.

By	CITY OF HATTIESBURG SUMMARY OF QUANTITIES	
Revision	PROJ NO: FBLD-8769-00(001) COUNTY: FORREST	Working Number SQ-3
Date	FILENAME: SQS Design Team NEEL-SCHAFFER Checked Date 03/06/2021	Sheet Number 8

REMOVAL ITEMS

WK. SH. NO.	STATION TO STATION		MILLING OF ASPHALT PAVEMENT	PAVEMENT (ALL TYPES & DEPTHS)	CONCRETE DRIVEWAYS (ALL DEPTHS)	CONCRETE SIDEWALK	CURB & GUTTER (ALL TYPES)	PIPE 8" & ABOVE	INLETS	INLET TOPS	TREES	REMARKS
DEMO-1	13+25	E.O.P.	335	3,811	209	328	1,766	234	2	2	20	ROUNDABOUT & PARTIAL ENTRY ROADS
DEMO-2	B.O.P.	13+25	1,662	800	190	234	1,284	32	3		13	JAMES STREET / BAY STREET & HALL AVENUE
UNITS			SQ. YDS.	SQ. YDS.	SQ. YDS.	SQ. YDS.	LIN. FT.	LIN. FT.	EACH	EACH	EACH	
TOTALS THIS BLOCK			1997	4611	399	562	3050	266	5	2	33	

*** NOTE: CONTRACTOR SHALL REMOVE ALL TREES AND STUMPS WITHIN R.O.W. (THAT CONFLICT WITH NEW CONSTRUCTION) AS PER SECTION 201.03.1.2 OF THE MDOT STANDARD SPECIFICATIONS.*
REMOVAL OF TREE STUMPS SHALL BE INCLUDED IN COST FOR REMOVAL OF TREES AND PAID UNDER PAY ITEM 202-B085, REMOVAL OF TREES.
ALL OTHER VEGETATIVE MATERIAL REQUIRED TO BE REMOVED WILL NOT BE MEASURED FOR SEPARATE PAYMENT BUT SHALL BE ABSORBED IN THE COST OF PAY ITEM 201-A001, CLEARING AND GRUBBING.

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NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
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SCALE: NO SCALE	
SURVEYED BY:	
DSGN: GPC	DATE: 10/2021
DRWN: JPF	DATE: 10/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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ESTIMATED QUANTITIES
REMOVAL ITEMS

WORKING NUMBER:	DRAWING NUMBER:
EQ-1	9

3/7/2022 12:39 PM - J:\16000\Hattiesburg\16214 Hall Avenue east\Design\Working\JPF - Acadian\Plans\16214-rb_eq.dwg

PIPE CULVERT DRAINAGE STRUCTURES

WK. SH. NO.	STATION	SIDE	ID NO.	TYPE	CLASS III - CONCRETE PIPE CULVERTS						END SECTIONS					SIZE			OPENINGS	DRAWINGS REQ'D	CLASS "B" CONC.	REINF. STEEL	GRATING	CASTING	REMARKS
					15"	18"	24"	18"X11"	22"X13"	29"X18"	15"	18"	24"	22"X13"	29"X18"	L	W	H							
3	4+21.00	RT	GI-1	SS-3	104											3.375	3.417	3.208	1 @ 15"	SS-3	0.945	83	200	244	JAMES STREET
3	17+25.50	RT	GI-2	SS-3	24											3.375	3.417	3.908	2 @ 15"	SS-3	1.074	95	200	244	HALL AVENUE
3	5+75.51	RT	GI-3	B-9					112							3.50	3.583	3.10	2 @ 22"X13"	B-9	0.706	53	139		ARLEDGE STREET
3	4+66.59	RT	GI-4	B-9					56							3.50	3.583	2.40	1 @ 22"X13"	B-9	0.601	43	139		ARLEDGE STREET
3	5+14.90	LT	GI-5	B-9												3.50	3.25	3.208	2 @ 18"	B-9	0.676	48	127		ARLEDGE STREET
3	17+00.69	LT	CI-1	CI-2		32										7.00	3.00	5.425	1 @ 18" / 1 @ 15"	CI-2	1.093	175	631	360	HALL AVENUE
3	17+00.69	RT	CI-2	CI-2	64											7.00	3.00	5.175	1 @ 15"	CI-2	2.075	168	631	360	HALL AVENUE
3	7+81.90	LT	CI-3	CI-1	48											4.00	3.00	3.725	1 @ 15"	CI-1	1.008	79	306	180	BAY STREET (LEFT BASELINE)
3	7+34.19	RT	CI-4	CI-1	88											4.00	3.00	4.625	2 @ 15"	CI-1, PC-1	1.432	88	306	180	BAY STREET (RIGHT BASELINE)
4	11+27.20	LT	CI-5	SS-2						32						5.00	3.00	3.70	1 @ 29"X18" / 1@ 24"	SS-2	2.075	203		79	HALL AVENUE
4	11+58.46	LT	CI-6	SS-2												5.00	3.00	4.00	1 @ 29"X18"	SS-2	2.266	206		79	HALL AVENUE
4	1+78.02	LT	CI-7	CI-2												7.00	3.00	3.125	1 @ 24"	CI-2	1.976	143	631	360	JAMES STREET
4	1+80.43	RT	GI-6	SS-3					56							3.375	3.40	3.708	1 @ 22"X13"	SS-3	1.093	98	200	244	JAMES STREET
UNITS					L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.						CU YD	LBS	LBS	LBS	
SUBTOTALS THIS SHEET					328	32	0	0	224	32	0	0	0	0	0						17.020	1482	3510	2330	

JUNCTION BOXES REQUIRED

WK. SH. NO.	STATION	SIDE 1		SIDE 2		SIDE 3		SIDE 4		SIDE W1-3 (FT.)	SIDE W2-4 (FT.)	INLET HEIGHT	CLASS B CONC.	REINF. STEEL	BAR LIST									REMARKS
		SIZE	SKEW	SIZE	SKEW	SIZE	SKEW	SIZE	SKEW						A1	A2	A3	A4	B	C	D	E	F	
WK3	1+27.27	18	0	0	0	0	0	0	0	3.67	2.50	0.50	0.301	49.18	2 @ 28	0 @ 0	0 @ 0	0 @ 0	2 @ 38	2 @ 24	4 @ 0	12 @ 26	8 @ 40	
WK-3	1+27.28	18	0	0	0	22x13	0	0	0	4.00	2.50	0.50	0.282	54.89	2 @ 30	0 @ 0	2 @ 30	0 @ 0	2 @ 42	2 @ 24	4 @ 0	12 @ 26	8 @ 44	
																							17	
WK4	1+27.30	24	32	0	0	24	32	22x13	34	4.70	4.46	2.40	1.209	110.40	2 @ 33	0 @ 0	2 @ 33	2 @ 32	2 @ 50	2 @ 48	4 @ 23	14 @ 50	14 @ 52	
												UNITS	CU. YDS.	LBS.										
												TOTALS	1.791	214.46										

NOTICE TO DRAWING HOLDER

NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

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NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: 16214-RB_EQ.dwg	
SCALE: NO SCALE	
SURVEYED BY:	
DSGN: GPC	DATE: 10/2021
DRWN: JPF	DATE: 10/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

ESTIMATED QUANTITIES
DRAINAGE STRUCTURES
AND JUNCTION BOXES

WORKING NUMBER:	DRAWING NUMBER:
EQ-2	10

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COMBINATION CONCRETE CURB AND GUTTER REQUIRED

WK. NO.	STATION TO STATION		TYPE "2" MODIFIED	TYPE "3B" MODIFIED	SPECIAL DESIGN CONCRETE GUTTER	SPECIAL DESIGN CONCRETE VALLEY GUTTER	CONCRETE HEADER CURB	SPECIAL DESIGN CONCRETE HEADER CURB	REMARKS
WK3	13+25	E.O.P.	302	1307	235		904	250	ROUNDABOUT & ARLEDGE ST.
WK4	B.O.P.	13+25		867		30	295		HALL AVE. / BAY ST. / JAMES ST.
UNITS			L. F.	L. F.	L. F.	L. F.	L. F.	L. F.	
TOTALS			302	2174	235	30	1199	250	

CONCRETE DRIVEWAYS REQUIRED

WK. NO.	STATION	SIDE	WIDTH	DRIVEWAY (SQ. YDS.)	EXTRA AREA (SQ. YDS.)	REMARKS
3	13+49.24	LT	16	17.6		HALL AVENUE
3	13+50.00	RT	20	50.0		HALL AVENUE
3	14+33.23	LT	16	39.6		HALL AVENUE
3	4+75.06	LT	23	79.7		ARLEDGE STREET
4	12+53.00	LT	21	23.3		HALL AVENUE
4	12+83.20	RT	14	35.8		HALL AVENUE
4	12+97.34	LT	17	19.5		HALL AVENUE
4	2+95.35	RT	24	36.4		JAMES STREET
4	3+65.24	RT	50	173.3		JAMES STREET
4	8+27.99	RT	10	54.4		BL RT - BAY STREET
4	9+11.69	LT	16	50.4		BL LT - BAY STREET
			UNITS	SQ. YDS.	SQ. YDS.	
			AREA TOTALS	580.0	0.0	
			PROJECT TOTAL	580.0		

CONCRETE SIDEWALK, ISLAND PAVEMENT AND CROSSWALK REQUIRED

WK. NO.	STATION TO STATION		CONCRETE SIDEWALK	CONC. MEDIAN AND ISLAND PAV'T. (4" THICK.)	CONC. MEDIAN AND ISLAND PAV'T. (10" THICK.)	COLORED AND IMPRINTED CONC. PAV'T. (10" THICK.)	POLYMER CEMENT SURFACE SYSTEM (CROSSWALKS)	REMARKS
WK3	13+25	E.O.P.	1182		393	4304	162	ROUNDABOUT & ARLEDGE ST.
WK4	B.O.P.	13+25	482			128	22	HALL AVE. / BAY ST. / JAMES ST.
UNITS			SQ. YDS.	SQ. YDS.	SQ. YDS.	SQ. FT.	SQ. YDS.	
TOTALS			1664	0	393	4432	184	

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NEEL-SCHAFFER
Solutions you can build upon

ESTIMATED QUANTIES
CURB & GUTTER, ISLAND PAVEMENT
CONCRETE SIDEWALKS AND
DRIVEWAYS

WORKING NUMBER:	DRAWING NUMBER:
EQ-3	11

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SIGNS REQUIRED

	SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
	G20 – 1	36" X 18"	4.50	2	9.00	ROAD WORK NEXT X X MILES
	G20 – 2	36" X 18"	4.50	2	9.00	END ROAD WORK
	G20 – 4	36" X 18"	4.50			PILOT CAR FOLLOW ME
[1]	M1 – 1	24" X 24"	4.00			1 OR 2 DIGIT
[1]	M1 – 1	30" X 24"	5.00			3 DIGIT
[2]	M1 – 4	24" X 24"	4.00			1 OR 2 DIGIT
[2]	M1 – 4	30" X 24"	5.00			3 DIGIT
[3]	M1 – 5	24" X 24"	4.00			1 OR 2 DIGIT
[3]	M1 – 5	30" X 24"	5.00			3 DIGIT
[4]	M3 – 1	24" X 12"	2.00			NORTH– 1 OR 2 DIGIT RTE. MARKER
[4]	M3 – 1	30" X 15"	3.13			NORTH– 3 DIGIT RTE. MARKER
[4]	M3 – 2	24" X 12"	2.00			EAST– 1 OR 2 DIGIT RTE. MARKER
[4]	M3 – 2	30" X 15"	3.13			EAST– 3 DIGIT RTE. MARKER
[4]	M3 – 3	24" X 12"	2.00			SOUTH– 1 OR 2 DIGIT RTE. MARKER
[4]	M3 – 3	30" X 15"	3.13			SOUTH– 3 DIGIT RTE. MARKER
[4]	M3 – 4	24" X 12"	2.00			WEST– 1 OR 2 DIGIT RTE. MARKER
[4]	M3 – 4	30" X 15"	3.13			WEST– 3 DIGIT RTE. MARKER
	M4 – 8	24" X 12"	2.00	1	2.00	DETOUR– 1 OR 2 DIGIT RTE. MARKER
	M4 – 8	30" X 15"	3.13			DETOUR– 3 DIGIT RTE. MARKER
	M4 – 8a	24" X 18"	3.00	4	12.00	END DETOUR
	M4 – 9	30" X 24"	5.00			DETOUR ↑
	M4 – 9L	30" X 24"	5.00	2	10.00	DETOUR ←
	M4 – 9BL	30" X 24"	5.00			DETOUR ↰
	M4 – 9SL	30" X 24"	5.00			DETOUR ↖
	M4 – 9BSL	30" X 24"	5.00			DETOUR ↰
	M4 – 9R	30" X 24"	5.00	3	15.00	DETOUR →
	M4 – 9BR	30" X 24"	5.00			DETOUR ↱
	M4 – 9SR	30" X 24"	5.00			DETOUR ↗
	M4 – 9BSR	30" X 24"	5.00			DETOUR ↱
	M4 – 10L	48" X 18"	6.00	3	18.00	DETOUR ←
	M4 – 10R	48" X 18"	6.00	2	12.00	DETOUR →
[4]	M4 – 5	24" X 12"	2.00			TO
[4]	M5 – 1L	21" X 15"	2.19			↰
[4]	M5 – 1R	21" X 15"	2.19			↱
[4]	M5 – 2L	21" X 15"	2.19			↰
[4]	M5 – 2R	21" X 15"	2.19			↱
[4]	M6 – 1L	21" X 15"	2.19			←
[4]	M6 – 1R	21" X 15"	2.19			→
[4]	M6 – 2L	21" X 15"	2.19			↖
[4]	M6 – 2R	21" X 15"	2.19			↗
[4]	M6 – 3	21" X 15"	2.19	1	2.19	↑
	R1 – 1	36" OCTAGON	9.00			STOP (1)
	R1 – 1	48" OCTAGON	16.00 ♦			STOP (2)
	R1 – 2	48" X 48" X 48"	6.93			YIELD (1)
	R1 – 2	60" X 60" X 60"	10.83 ♦			YIELD (2)

SIGNS REQUIRED (CONT'D)

	SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
	R1 – 3	18" X 9"	1.13			3–WAY, 4 WAY ETC. (1)
	R1 – 3	24" X 12"	2.00			3–WAY, 4 WAY ETC. (2)
	R2 – 1	24" X 30"	5.00			SPEED LIMIT (1)
	R2 – 1	36" X 48"	12.00 ♦			SPEED LIMIT (2)
[6]	R2 – 1	48" X 60"	20.00 ♦			SPEED LIMIT
	R3 – 1	36" X 36"	9.00			(1)
	R3 – 1	48" X 48"	16.00 ♦			(2)
	R3 – 2	36" X 36"	9.00			(1)
	R3 – 2	48" X 48"	16.00 ♦			(2)
	R3 – 4	36" X 36"	9.00			(1)
	R3 – 4	48" X 48"	16.00 ♦			(2)
	R3 – 5L	30" X 36"	7.50			ONLY ↰
	R3 – 5R	30" X 36"	7.50			ONLY ↱
	R3 – 6L	30" X 36"	7.50			↰
	R3 – 6R	30" X 36"	7.50			↱
	R3 – 7L	30" X 30"	6.25			LEFT LANE MUST TURN LEFT
	R3 – 7R	30" X 30"	6.25			RIGHT LANE MUST TURN RIGHT
	R4 – 1	24" X 30"	5.00			DO NOT PASS (1)
	R4 – 1	48" X 60"	20.00 ♦			DO NOT PASS (2)
	R4 – 2	24" X 30"	5.00			PASS WITH CARE (1)
	R4 – 2	48" X 60"	20.00 ♦			PASS WITH CARE (2)
	R4 – 7	48" X 60"	20.00 ♦			↯
	R4 – 8	48" X 60"	20.00 ♦			↯
	R5 – 1	48" X 48"	16.00 ♦			DO NOT ENTER
	R5 – 1a	42" X 30"	8.75			WRONG WAY
	R6 – 1L	36" X 12"	3.00			ONE WAY ←
	R6 – 1R	36" X 12"	3.00			ONE WAY →
	R6 – 2L	24" X 30"	5.00			ONE WAY ←
	R6 – 2R	24" X 30"	5.00			ONE WAY →
	R11 – 2	48" X 30"	10.00 ♦	10	100.00	ROAD CLOSED
	R11 – 3a	60" X 30"	12.50 ♦			ROAD CLOSED XX MILES AHEAD
	R11 – 3b	60" X 30"	12.50 ♦			BRIDGE OUT XX MILES AHEAD
	R11 – 4	60" X 30"	12.50 ♦	1	12.50	ROAD CLOSED TO THRU TRAFFIC
	R12 – 1	36" X 48"	12.00 ♦			WEIGHT LIMIT XX TONS
[7]	R16– 3	36" X 48"	12.00 ♦			WHEN WORKERS ARE PRESENT SPEEDING FINES DOUBLED
[6] [7]		48" X 60"	20.00 ♦			
	W1 – 1L	48" X 48"	16.00 ♦			↰
	W1 – 1R	48" X 48"	16.00 ♦			↱
	W1 – 2L	36" X 36"	9.00			↰
	W1 – 2R	36" X 36"	9.00			↱
	W1 – 3L	48" X 48"	16.00 ♦			↰
	W1 – 3R	48" X 48"	16.00 ♦			↱
	W1 – 4aL	48" X 48"	16.00 ♦	1	16.00	↰
	W1 – 4aR	48" X 48"	16.00 ♦	1	16.00	↱
	W1 – 5L	48" X 48"	16.00 ♦			↰
	W1 – 5R	48" X 48"	16.00 ♦			↱
	W1 – 6L	48" X 24"	8.00			← (1)
	W1 – 6L	60" X 30"	12.50 ♦			← (2)
	W1 – 6R	48" X 24"	8.00			→ (1)
	W1 – 6R	60" X 30"	12.50 ♦			→ (2)
	W1 – 7	48" X 24"	8.00			↔ (1)

SIGNS REQUIRED (CONT'D)

SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
W1 – 7	60" X 30"	12.50 ♦			↔ (2)
W1 – 8L	18" X 24"	3.00			(1)
W1 – 8L	36" X 48"	12.00 ♦			(2)
W1 – 8R	18" X 24"	3.00			(1)
W1 – 8R	36" X 48"	12.00 ♦			(2)
W1 – 9L	48" X 48"	16.00 ♦			↯
W1 – 9R	48" X 48"	16.00 ♦			↯
W3 – 1a	48" X 48"	16.00 ♦			↑
W3 – 2a	48" X 48"	16.00 ♦			↑
W3 – 3	48" X 48"	16.00 ♦			↑
W3 – 5	48" X 48"	16.00 ♦			SPEED REDUCTION
W4 – 1L	48" X 48"	16.00 ♦			↰
W4 – 1R	48" X 48"	16.00 ♦			↱
W4 – 2L	36" X 36"	9.00			↰
W4 – 2R	36" X 36"	9.00			↱
W5 – 1a	48" X 48"	16.00 ♦			PAVEMENT NARROWS
W6 – 1	48" X 48"	16.00 ♦	2	32.00	↯
W6 – 2	48" X 48"	16.00 ♦	2	32.00	↯
W6 – 3	36" X 36"	9.00			↕
W8 – 1	48" X 48"	16.00 ♦			BUMP
W8 – 4	48" X 48"	16.00 ♦			SOFT SHOULDER
W8 – 6	48" X 48"	16.00 ♦			TRUCK CROSSING
W8 – 9	36" X 36"	9.00			LOW SHOULDER
W8 – 11	36" X 36"	9.00			UNEVEN LANES
W10 – 1	36" DIA.	7.07			RR (1)
W10 – 1	48" DIA.	12.56 ♦			RR (2)
W13 – 1	24" X 24"	4.00			XX MPH
W14 – 3	36"X48"X48"	5.56			NO PASSING ZONE (1)
	48"X64"X64"	9.89			NO PASSING ZONE (2)
W16–2	24" X 18"	3.00			XXX FEET
W19 – 2	48" X 48"	16.00 ♦			BRIDGE MAY ICE IN COLD WEATHER
W20 – 1	48" X 48"	16.00 ♦			ROAD WORK AHEAD (1)
W20 – 1	36" X 36"	9.00	5	45.00	ROAD WORK AHEAD (2)
W20 – 2	36" X 36"	9.00	4	36.00	ADVANCE DETOUR
W20 – 3	36" X 36"	9.00	1	9.00	ADVANCE ROAD CLOSED
W20 – 4	48" X 48"	16.00 ♦			ADVANCE ONE–LN. RD.
W20 – 4B	48" X 48"	16.00 ♦			ADVANCE ONE–LN. BR.
W20 – 5L	36" X 36"	9.00			ADVANCE LT. LN. CLOSED
W20 – 5R	36" X 36"	9.00			ADVANCE RT. LN. CLOSED
W20 – 7a	48" X 48"	16.00 ♦			
W21 – 1	36" X 36"	9.00			WORKERS
W21 – 1a	36" X 36"	9.00			

SIGNS REQUIRED (CONT'D)

	SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
	W21 – 2	36" X 36"	9.00			FRESH OIL (TAR)
	W21 – 3	48" X 48"	16.00 ♦			ADVANCE ROAD MACHINERY
	W21 – 5	48" X 48"	16.00 ♦			SHOULDER WORK
	W21 – 6	36" X 36"	9.00			SURVEY CREW
[7]	D3–1	30" X 12"	2.50	6	15.00	STREET NAME
	VP – 1L	12" X 36"	3.00			
	VP – 1R	12" X 36"	3.00			
[5]	OM – 3L	12" X 36"	3.00			
[5]	OM – 3R	12" X 36"	3.00			
	TOTAL SIGN AREA			LESS THAN 10 SQ. FT.		194.19 SQ. FT.
	TOTAL SIGN AREA			10 SQ. FT. OR MORE ♦		208.50 SQ. FT.

(1) STANDARD
(2) SPECIAL (USE WHERE WARRANTED)

NOTES

1. [1] INTERSTATE ROUTE MARKER
2. [2] UNITED STATES ROUTE MARKER
3. [3] STATE ROUTE MARKER
4. [4] COLORS OF CARDINAL DIRECTION MARKERS AND DIRECTIONAL ARROWS SHALL BE APPROPRIATE TO MATCH ACCOMPANYING ROUTE MARKERS.
5. [5] BLACK STRIPES ON YELLOW BACKGROUND
6. [6] INTERSTATE USE ONLY
7. [7] TOP OF SIGN – BLACK LETTERING ON ORANGE BACKGROUND, BOTTOM OF SIGN – BLACK LETTERING ON WHITE BACKGROUND

THE BACKGROUND OF ALL WARNING SIGNS ("W" SERIES) EXCEPT W10–1 SHALL BE ORANGE. THE W10–1 BACKGROUND SHALL BE YELLOW IN ALL CASES.

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HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL–SCHAFFER
Solutions you can build upon

ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS

WORKING NUMBER:	DRAWING NUMBER:
EQ-4	12

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SUMMARY OF TRAFFIC CONTROL ITEMS REQUIRED

| WORKING NUMBER | PHASE OF CONST. | TEMPORARY TRAFFIC STRIPE | | | | | | | | | | | | | | BARRICADES | | | | | | WARNING LIGHTS | | | FREE STANDING PLASTIC DRUMS | TRAFFIC CONTROL SIGNS | | | | | | | | | | | | | |

STANDARD ROADSIDE SIGN ASSEMBLIES REQUIRED

SHEET NUMBER	CODE LETTER THIS SHEET	STANDARD ROADSIDE SIGNS TO BE MOUNTED	STANDARD PIPE		U-SECTION POST		STRUCTURAL BARS	FOOTING CLASS "B" CONCRETE
			3"	4	2-P	3-P	7/16" x 2-1/2"	
PSP-1	A	W2-6, W13-1P				14'-0"		
	B	W2-6, W13-1P				14'-0"		
PSP-1	C	R2-1				13'-0"		
PSP-2	A	W11-2, W16-7pL				13'-6"		
	B	R1-2				13'-0"		
	C	R1-2				13'-0"		
	D	W11-2, W16-7pL				13'-6"		
	E	W2-6, W13-1P				14'-0"		
	F	W11-2, W16-7pL				13'-6"		
	G	R1-2				13'-0"		
	H	R1-2				13'-0"		
	I	W11-2, W16-7pL				13'-6"		
	J	W2-6, W13-1P				14'-0"		
	K	W11-2, W16-7pL				13'-6"		
	L	R1-2				13'-0"		
	M	R1-2				13'-0"		
	N	W11-2, W16-7pL				13'-6"		
	O	W11-2, W16-7pL				13'-6"		
	P	R1-2				13'-0"		
	Q	R1-2				13'-0"		
	R	W11-2, W16-7pL				13'-6"		
	S	W11-2, W16-7pL				13'-6"		
	T	R1-2				13'-0"		
	U	R1-2				13'-0"		
	V	W11-2, W16-7pL				13'-6"		
	W	W6-4				12'-0"		
	X	W6-4				12'-0"		
	Y	W6-4				12'-0"		
	Z	W6-4				12'-0"		
	AA	W6-4				12'-0"		
	BB	W2-6, W13-1P				14'-0"		
PSP-2	CC	R2-1				13'-0"		
TOTAL THIS BLOCK			LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT. / POUNDS	CU. YDS.
						421'-0"		0

SUMMARY OF PAVEMENT MARKINGS

WK. SH. NO.	STATION TO STATION		THERMOPLASTIC								MARKERS			REMARKS
			CONTINUOUS		DETAIL		SKIP		LEGEND		RED-CLEAR	YELLOW		
			WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE (LF)	WHITE (SF)		1 WAY	2 WAY	
PM-1	B.O.P.	14+00		812	36	80			113				26	HALL AVENUE
	17+50	E.O.P.												
PM-2	14+00	17+50		1632	767	616			427	244.4	6		83	ROUNDABOUT & JAMES ST. / BAY ST. ARLEDGE ST.
UNITS			L. F.	L. F.	L. F.	L. F.	L.F.	L. F.	L.F.	SQ. FT.	EACH	EACH	EACH	
TOTALS			0	2444	803	696	0	0	540	244.4	6		109	

STANDARD ROADSIDE SIGNS
SHEET ALUMINUM - 0.080" THICKNESS

SIGN NUMBER	SIZE	UNIT AREA (SQ. FT.)	QUANTITY REQUIRED	TOTAL SIGN AREA (SQ. FT.)	REMARKS
R1-2	36" TRIANGLE	3.90	10	39.00	"YIELD"
R2-1	30 " x 24 "	5.00	2	10.00	"SPEED LIMIT"
R6-4	30 " x 24 "	5.00	5	25.00	"2 CHEVRON DIRECTIONAL"
W11-2	30 " x 30 "	6.25	10	62.50	"PEDESTRIAN"
W13-1P	18 " x 18 "	2.25	5	11.25	"ADVISORY SPEED PLAQUE"
W16-7pl	24 " x 12 "	2.00	10	20.00	"DOWN LEFT ARROW PLAQUE"
TOTAL (0.080" THICKNESS)			**42**	**167.75**	

STANDARD ROADSIDE SIGNS
SHEET ALUMINUM - 0.125" THICKNESS

SIGN NUMBER	SIZE	UNIT AREA (SQ. FT.)	QUANTITY REQUIRED	TOTAL SIGN AREA (SQ. FT.)	REMARKS
W2-6	36 " x 36 "	9.00	5	45.00	"CIRCULAR INTERSECTION"
TOTAL (0.125" THICKNESS)			**5**	**45.00**	

NOTICE TO DRAWING HOLDER

NEEL–SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N–S PROJECT NO.: NS.16214.01	
FILENAME: 16214–RB_EQ.dwg	
SCALE: NO SCALE	
SURVEYED BY:	
DSGN: GPC	DATE: 10/2021
DRWN: JPF	DATE: 10/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

ESTIMATED QUANTITIES
PERMANENT MARKING
AND ROADSIDE SIGNS

WORKING NUMBER:	DRAWING NUMBER:
EQ-6	14

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MATCHLINE: STA. 8+14 (℄ RT. – BAY STREET)

MATCHLINE: STA. 13+25 (℄ HALL AVENUE)

STA. 18+00 (℄ HALL AVENUE) END OF PROJECT

B.M. ELEV.	155.005
BM NAME:	CP_214
N.	661318.3540
E.	842852.5980
DESC.	IRON PIN

STA 17+98.65 BK (NORTH)
STA 18+35.84 BK (SOUTH)
STA 17+86.20 AH

REMOVAL OF CURB AS REQ'D.

REMOVAL OF CONC. SIDEWALK AS REQ'D.

REMOVAL OF CONC. DRIVEWAY AS REQ'D.

FINE MILLING OF ASPHALT PAVEMENT AS REQ'D.

REMOVAL OF CONC. DRIVEWAY AS REQ'D.

REMOVAL OF 2 – B9 INLETS AND 24' OF 18" RCP AS REQ'D.

REMOVAL OF CONC. SIDEWALK AS REQ'D.

REMOVAL OF CURB AS REQ'D.

REMOVAL OF PAVEMENT AS REQ'D.

REMOVAL OF CURB AS REQ'D.

REMOVAL OF CURB INLET TOPS REQ'D.

REMOVAL OF PAVEMENT AS REQ'D.

REMOVAL OF 8" CPP (APPROX. 105' EACH) AS REQ'D.

JUNCTION BOX TO REMAIN

REMOVAL OF PAVEMENT AS REQ'D.

REMOVAL OF CONC. DRIVEWAY AS REQ'D.

REMOVAL OF CURB AS REQ'D.

HALL / BAY PROPERTIES

BAY ST.

STONE PROPERTIES, LLC

HALL AVE.

ARLEDGE ST

JAMES ST.

JAMES STREET

CITY OF HATTIESBURG

EXISTING BUILDING

MATCHLINE: STA. 3+75 (℄ JAMES STREET)

PUBLIC UTILITIES

CITY OF HATTIESBURG	
(WATER & SEWER)	– (601)545–4530
AT&T	– (601)310–0704
MS POWER COMPANY	– (601)426–4800
XFINITY (COMCAST)	– (601)874–1213
SPIRE GAS	– (601)549–9071
CSPIRE	– (601)624–4026

NOTE:
DEMOLITION ACTIVITIES SHALL CORRESPOND WITH CONSTRUCTION SEQUENCING.

LEGEND:

- REMOVAL OF PAVEMENT
- REMOVAL OF DRIVEWAY
- REMOVAL OF SIDEWALK
- COLD MILLING
- REMOVAL OF DRAINAGE STRUCTURE
- REMOVAL OF CURB AND GUTTER
- REMOVAL OF TREES (REMOVE)

GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N–S PROJECT NO.: NS.16214.01	
FILENAME: 16214–RB_Demo.dwg	
SCALE: 1" = 20'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 09/2021
DRWN: JPF	DATE: 09/2021
CHKD:	DATE:
QA/QC:	DATE:

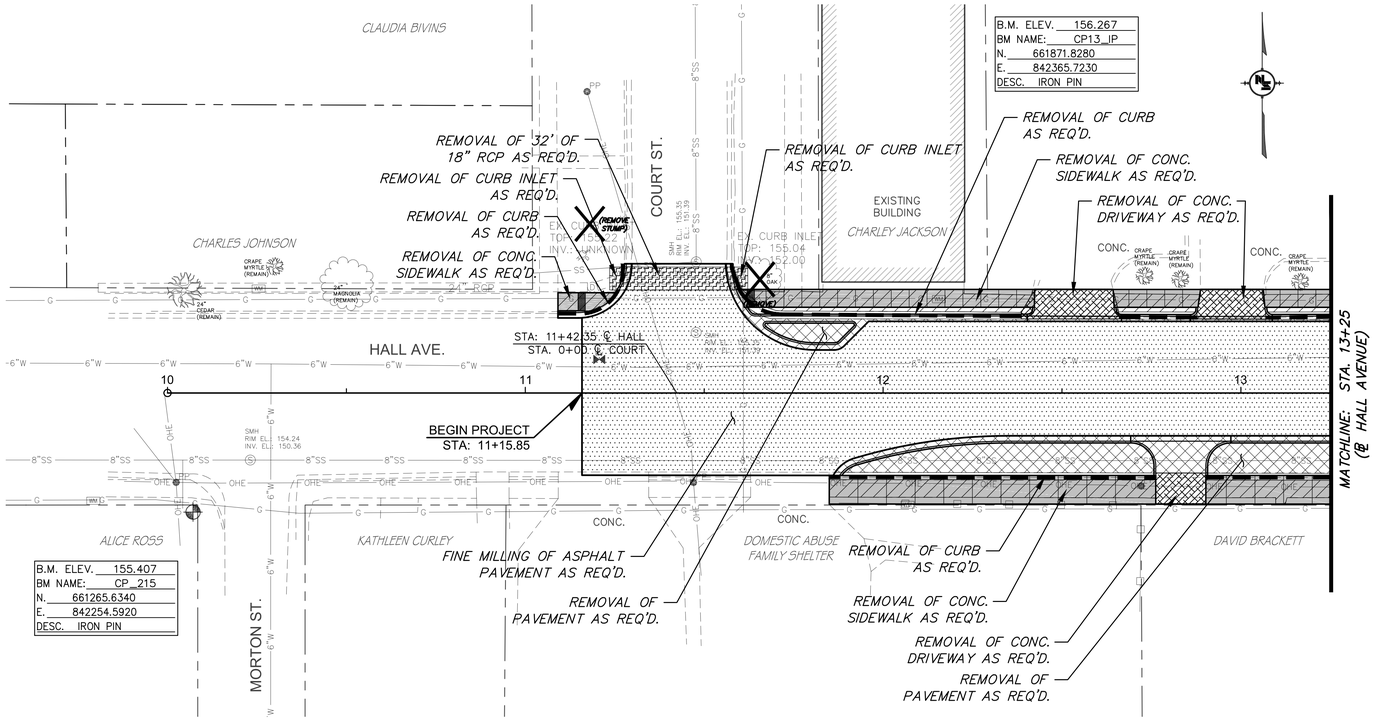
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

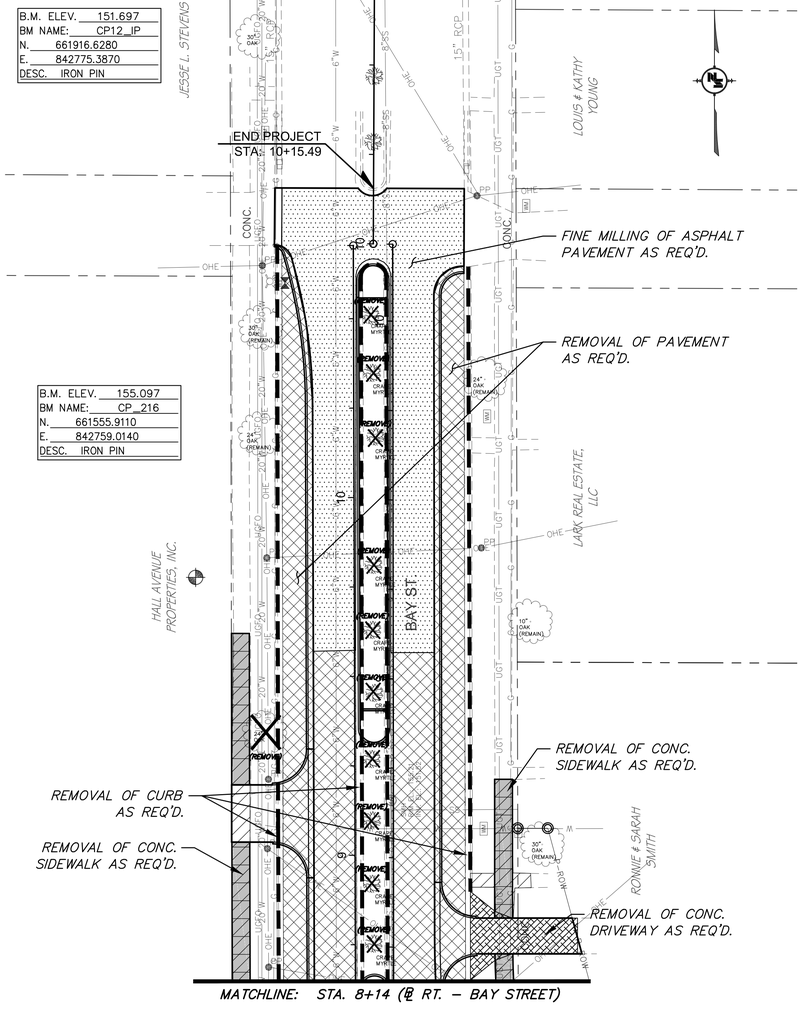
NEEL–SCHAFFER
Solutions you can build upon

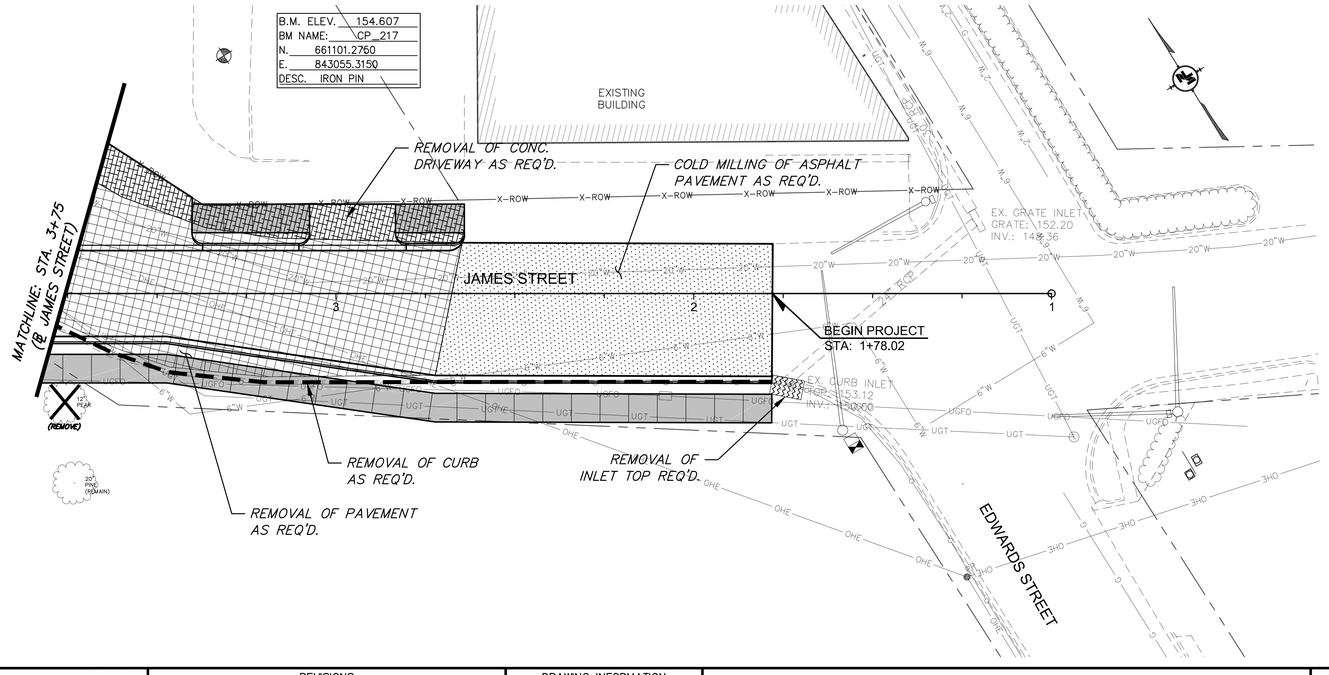
DEMOLITION PLAN
HALL AVENUE / ARLEDGE STREET
JAMES STREET / BAY STREET

WORKING NUMBER:	DRAWING NUMBER:
DEMO-1	15

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NOTE:
DEMOLITION ACTIVITIES SHALL CORRESPOND WITH CONSTRUCTION SEQUENCING.

PUBLIC UTILITIES

CITY OF HATTIESBURG (WATER & SEWER)	– (601)545–4530
AT&T	– (601)310–0704
MS POWER COMPANY	– (601)426–4800
XFINITY (COMCAST)	– (601)874–1213
SPIRE GAS	– (601)549–9071
CSPIRE	– (601)624–4026

LEGEND:

- REMOVAL OF PAVEMENT
- REMOVAL OF DRIVEWAY
- REMOVAL OF SIDEWALK
- COLD MILLING
- REMOVAL OF DRAINAGE STRUCTURE
- REMOVAL OF CURB AND GUTTER
- REMOVAL OF TREES (REMOVE)

GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N–S PROJECT NO.: NS.16214.01	
FILENAME: 16214–RB_Demo.dwg	
SCALE: 1" = 20'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 09/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

DEMOLITION PLAN
ROUNDABOUT LEG EXTENSIONS
BAY ST. / JAMES ST. / HALL AVE.

WORKING NUMBER:	DRAWING NUMBER:
DEMO-2	16

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MATCHLINE: STA. 8+14 (℄ RT. – BAY STREET)

MATCHLINE: STA. 13+25 (℄ HALL AVENUE)

STA. 18+00 (℄ HALL AVENUE) END OF PROJECT

MATCHLINE: STA. 3+75 (℄ JAMES STREET)

GI–1 STA. 4+21 RT
SS–3 REQ'D.
T.O.G. = 154.00
FLOWLINE= 151.50

GI–2 STA. 17+25.50 RT
SS–3 REQ'D.
T.O.G. = 154.00
FLOWLINE= 150.80

GI–3 B9 REQ'D.
T.O.G. = 155.00
FLOWLINE= 152.40

GI–4 B9 REQ'D..
T.O.G. = 154.50
FLOWLINE= 152.60

GI–5 B9 REQ'D.
T.O.G. = 155.00
FLOWLINE= MATCH EX. 18" RCP

CI–1 STA. 17+00.69 LT
CURB INLET–DOUBLE REQ'D.
T.O.C. = 156.25
FLOWLINE= 150.45

CI–2 STA. 17+00.69 RT
CURB INLET–DOUBLE REQ'D.
T.O.C. = 156.25
FLOWLINE= 150.70

CI–3 STA. 7+81.90 LT (BAY ST. LEFT ℄)
CURB INLET–SINGLE REQ'D.
T.O.C. = 157.20
FLOWLINE= 153.10

CI–4 STA. 7+34.19 LT (BAY ST. RIGHT ℄)
CURB INLET–SINGLE REQ'D.
T.O.C. = 157.10
FLOWLINE= 152.10

B.M. ELEV.	155.005
BM NAME:	CP_214
N.	661318.3540
E.	842852.5980
DESC.	IRON PIN

HALL / BAY PROPERTIES

BAY ST.

STONE PROPERTIES, LLC

HALL AVE.

CITY OF HATTIESBURG

ARLEDGE ST.

JAMES ST.

JAMES STREET

EXISTING BUILDING

PT: 8+62.41

PT: 8+13.04

PRC: 8+11.32

PCC: 13+50.00

PRC: 14+11.46

PCC: 14+87.68

PRC: 15+55.94

PRC: 16+11.09

PRC: 15+46.44

PRC: 16+10.51

PCC: 5+17.06

PC: 3+92.96

PC: 3+98.04

BP 13+50.00

+49.13

+50.00

+33.78

+75.06

48 L.F. 15" RCP REQ'D

THICKENED SIDEWALK REF. DETAIL ON WKG. NO. DET–5

70'–4" ROLL PIPE REQ'D.

88 L.F. 15" RCP REQ'D

80'–4" ROLL PIPE REQ'D.

PIPE COLLAR REQ'D

(NOT IN CONTRACT) 8 L.F. 15" RCP US INV. = 150.41

(NOT IN CONTRACT) 24" RCP

(NOT IN CONTRACT) STA. 16+88.40 LT SS–3 T.O.G. = 154.00 FLOWLINE= 150.25

32 L.F. 18" RCP REQ'D

37 L.F. 15" RCP REQ'D

32 L.F. 15" RCP REQ'D

90'–4" ROLL PIPE REQ'D.

88 L.F. 15" RCP REQ'D

90'–4" ROLL PIPE REQ'D.

REMOVE INLET TOP AND REPLACE WITH JB–1 LID

REMOVE INLET TOP AND REPLACE WITH JB–1 LID

22"X13" BRANCH CONNECTION TO EXISTING INLET REQ'D. INV. 152.06

106 L.F. 22"X13" RCAP REQ'D

50 L.F. 22"X13" RCAP REQ'D

70'–4" ROLL PIPE REQ'D.

GRADE AREA TO DRAIN

GRADE AREA TO DRAIN

NO EVIDENCE THAT THIS SYSTEM WAS INSTALLED AT TIME OF DESIGN

STA. 17+65 BK (NORTH)
STA. 18+84 BK (SOUTH)
STA. 17+20 AH

SMH RIM EL.: 157.32 INV. EL.: 154.03

SMH RIM EL.: 156.54 INV. EL.: 154.37

SMH RIM EL.: 155.52 INV. EL.: 152.06

SMH RIM EL.: 157.32 INV. EL.: 154.03

12" CPP

GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

① CURVE DATA:
Δ = 22°34'16.42"
D = 16°23'40"
L = 137.68'
T = 69.75'
R = 349.50'
PC = STA. 13+50.00
PT = STA. 14+87.68

② CURVE DATA:
Δ = 33°37'39.31"
D = 57°13'50"
L = 58.76'
T = 30.25'
R = 100.11'
PC = STA. 14+87.68
PT = STA. 15+46.44

③ CURVE DATA:
Δ = 102°36'45.08"
D = 110°11'00"
L = 93.13'
T = 64.92'
R = 52.00'
PC = STA. 15+46.44
PT = STA. 16+39.57

④ CURVE DATA:
Δ = 44°58'49.35"
D = 22°55'00"
L = 196.27'
T = 103.51'
R = 250.01'
PC = STA. 16+39.57
PT = STA. 18+35.84

⑤ CURVE DATA:
Δ = 10°02'48.28"
D = 16°20'50"
L = 61.46'
T = 30.81'
R = 350.50'
PC = STA. 13+50.00
PT = STA. 14+11.46

⑥ CURVE DATA:
Δ = 33°06'42.85"
D = 22°55'10"
L = 144.48'
T = 74.32'
R = 250.00'
PC = STA. 14+11.46
PT = STA. 15+55.94

⑦ CURVE DATA:
Δ = 60°45'50.43"
D = 110°11'00"
L = 55.15'
T = 30.49'
R = 52.00'
PC = STA. 15+55.94
PT = STA. 16+11.09

⑧ CURVE DATA:
Δ = 53°36'33.66"
D = 57°17'40"
L = 93.57'
T = 50.52'
R = 100.00'
PC = STA. 16+11.09
PT = STA. 17+04.65

⑨ CURVE DATA:
Δ = 15°54'37.80"
D = 16°55'30"
L = 94.00'
T = 47.30'
R = 338.50'
PC = STA. 17+04.65
PT = STA. 17+98.65

⑩ CURVE DATA:
Δ = 30°39'57.59"
D = 28°38'50"
L = 107.04'
T = 54.84'
R = 200.00'
PC = STA. 3+92.96
PT = STA. 5+00.00

⑪ CURVE DATA:
Δ = 26°57'56.03"
D = 22°55'10"
L = 117.66'
T = 59.94'
R = 250.00'
PC = STA. 5+00.00
PT = STA. 6+17.66

⑫ CURVE DATA:
Δ = 52°22'33.83"
D = 57°16'20"
L = 91.45'
T = 49.20'
R = 100.04'
PC = STA. 5+17.05
PT = STA. 6+08.50

⑬ CURVE DATA:
Δ = 19°28'36.48"
D = 19°06'10"
L = 101.96'
T = 51.47'
R = 299.93'
PC = STA. 3+98.04
PT = STA. 5+00.00

⑭ CURVE DATA:
Δ = 57°42'20.87"
D = 57°17'40"
L = 100.72'
T = 55.10'
R = 100.00'
PC = STA. 5+03.98
PT = STA. 6+04.70

⑮ CURVE DATA:
Δ = 55°40'09.64"
D = 110°11'00"
L = 50.52'
T = 27.46'
R = 52.00'
PC = STA. 6+04.70
PT = STA. 6+55.22

⑯ CURVE DATA:
Δ = 36°21'34.48"
D = 23°02'20"
L = 157.82'
T = 81.67'
R = 248.69'
PC = STA. 6+55.22
PT = STA. 8+13.04

⑰ CURVE DATA:
Δ = 25°57'42.69"
D = 22°55'10"
L = 113.28'
T = 57.63'
R = 250.00'
PC = STA. 5+00.00
PT = STA. 6+13.28

⑱ CURVE DATA:
Δ = 109°12'15.98"
D = 110°11'00"
L = 99.11'
T = 73.18'
R = 52.00'
PC = STA. 6+13.28
PT = STA. 7+12.39

⑲ CURVE DATA:
Δ = 56°40'48.59"
D = 57°17'40"
L = 98.93'
T = 53.93'
R = 100.00'
PC = STA. 7+12.39
PT = STA. 8+11.32

⑳ CURVE DATA:
Δ = 12°16'28.36"
D = 24°01'20"
L = 51.09'
T = 25.65'
R = 238.50'
PC = STA. 8+11.32
PT = STA. 8+62.41

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N–S PROJECT NO.: NS.16214.01	
FILENAME: 16214–RB_Roundabout.dwg	
SCALE: 1" = 20'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

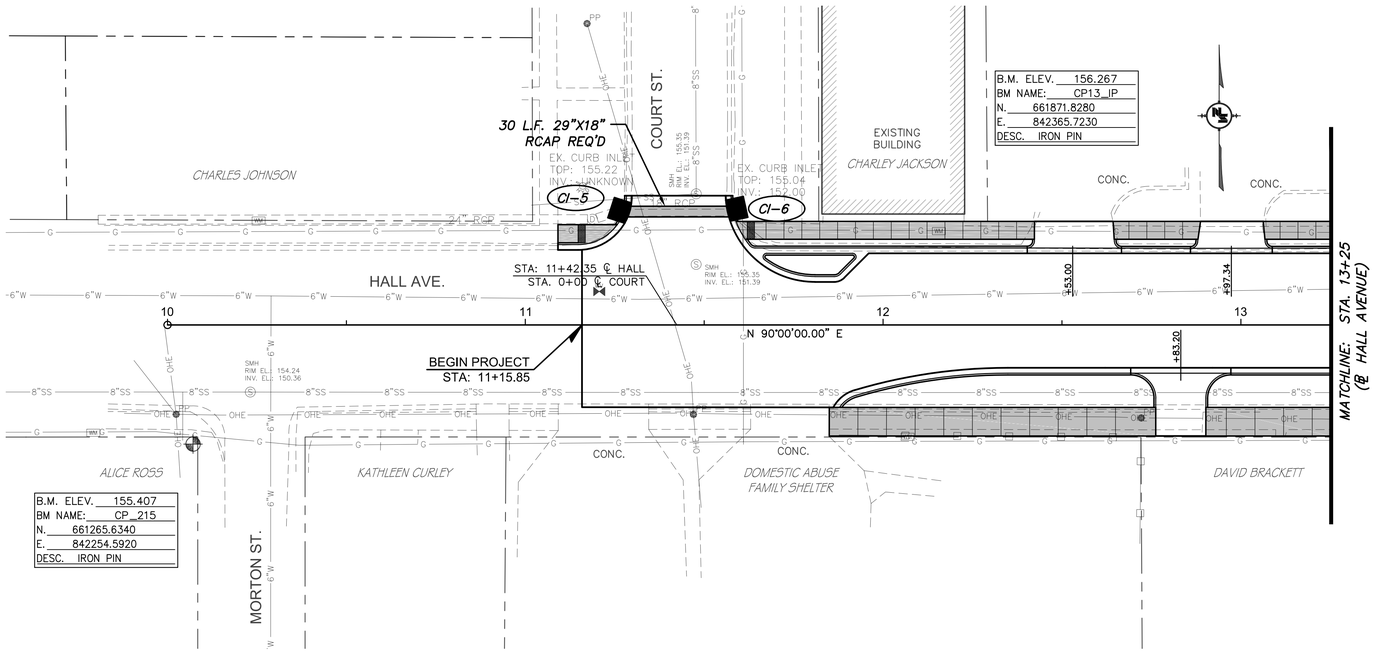
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

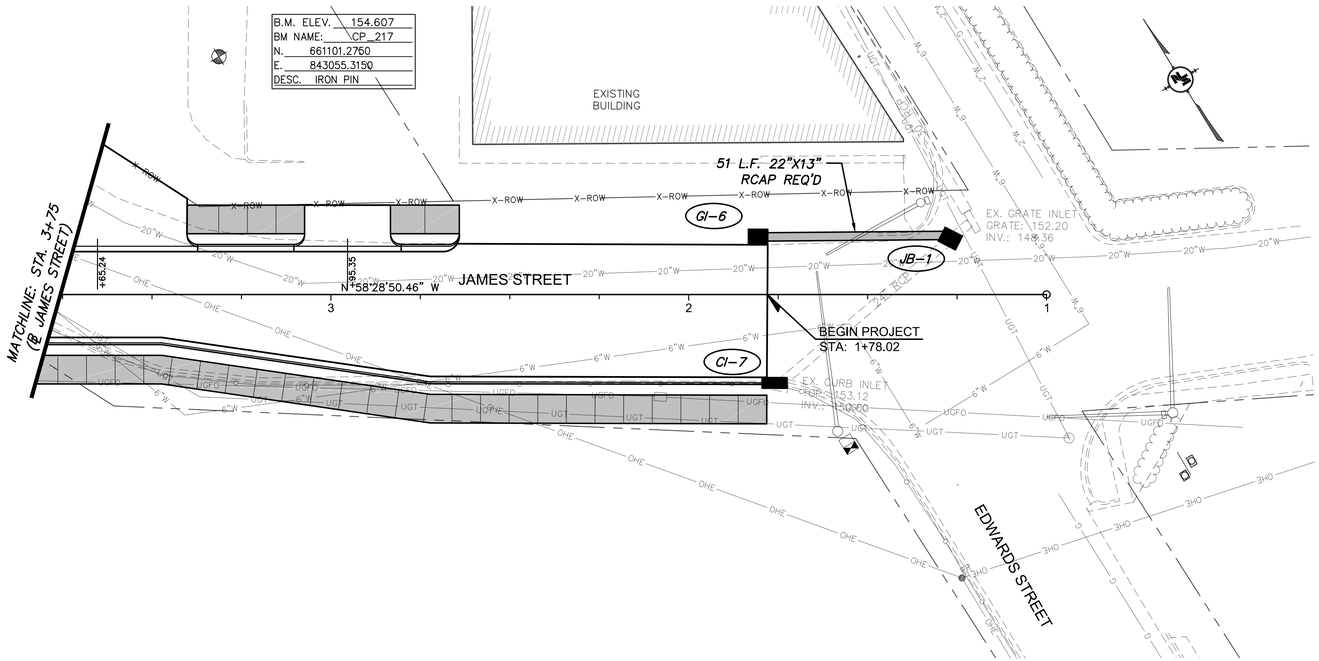
NEEL–SCHAFFER
Solutions you can build upon

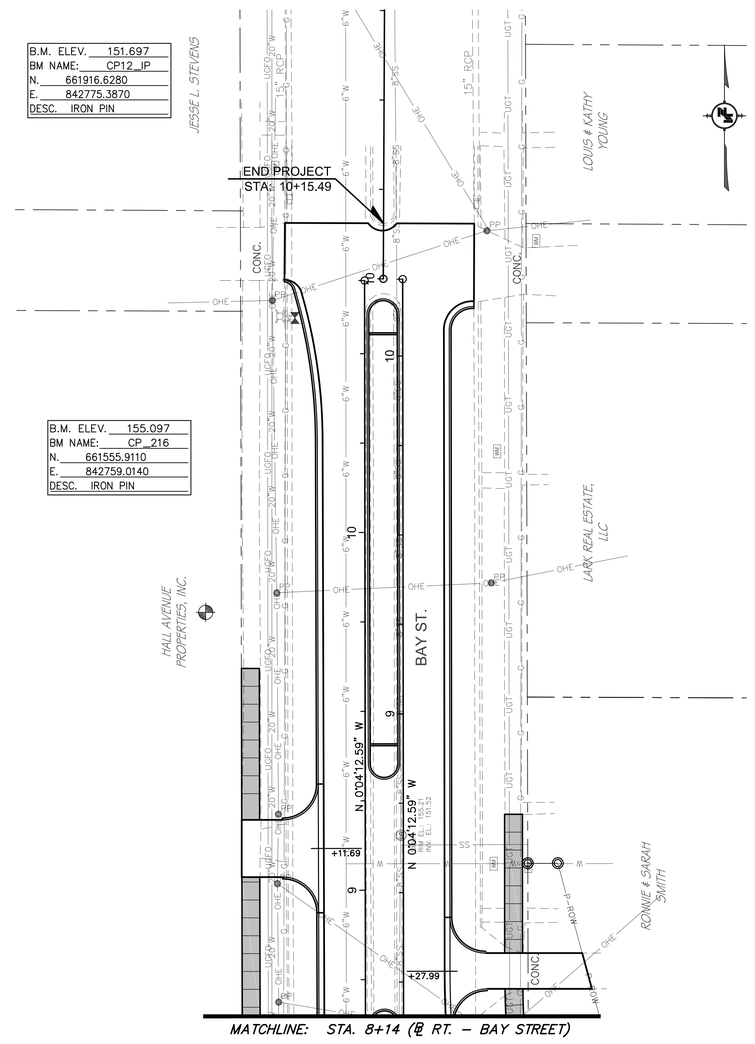
ROUNDABOUT PLAN
HALL AVENUE / ARLEDGE STREET
JAMES STREET / BAY STREET

WORKING NUMBER:	DRAWING NUMBER:
WK-3	17

9/7/2022 12:39 PM o:\16000's\hattiesburg\16214 hall avenue east\design\grades.dgn roundabout\plans\16214-rb_roundabout.dwg







CI-5 STA. 11+27.20 LT
CURB INLET-SS-2 REQ'D.
T.O.C. = 155.50
FLOWLINE= 152.00 (VERIFY)

CI-6 STA. 11+58.46 LT
CURB INLET-SS-2 REQ'D.
T.O.C. = 155.50
FLOWLINE= 152.00 (VERIFY)

CI-7 STA. 1+78.02 LT
CURB INLET-DOUBLE REQ'D.
T.O.C. = 153.50
FLOWLINE= 150.00 (VERIFY)

JB-1 STA. 1+27.27 RT
JUNCTION BOX REQ'D
T.O.B. = 151.00
FLOWLINE= 148.60 (VERIFY)

GI-6 STA. 1+80.43 RT
SS-3 REQ'D.
T.O.C. = 153.60
FLOWLINE= 150.60

GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

NOTICE TO DRAWING HOLDER

NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: 16214-RB_Roundabout.dwg	
SCALE: 1" = 20'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

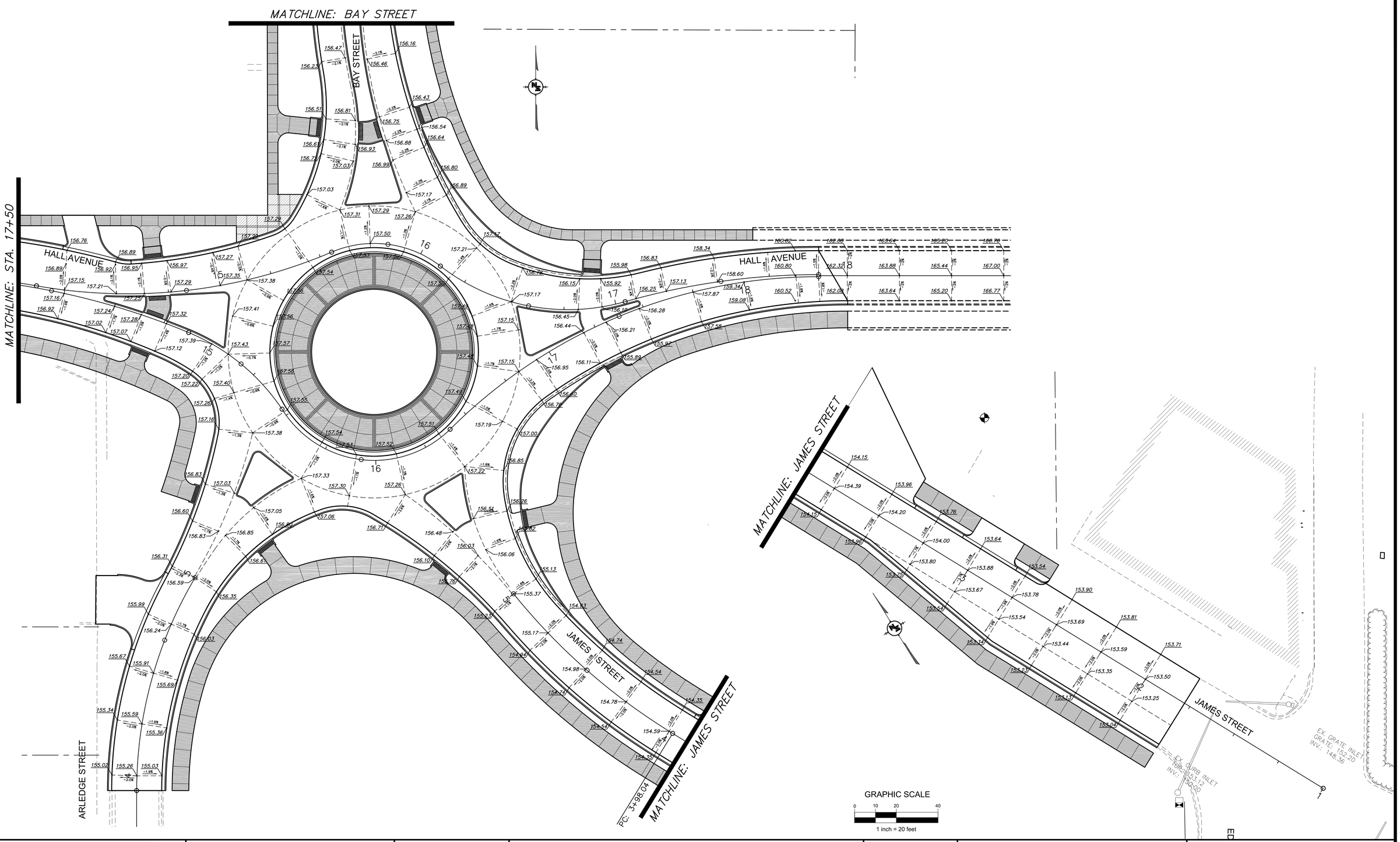
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

ROUNDABOUT PLAN
ROUNDABOUT LEG EXTENSIONS
BAY ST. / JAMES ST. / HALL AVE.

WORKING NUMBER:	DRAWING NUMBER:
WK-4	18

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NOTICE TO DRAWING HOLDER

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REVISIONS			
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DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: 16214-RB_FG.dwg	
SCALE: 1" = 20'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 08/2021
DRWN: JPF	DATE: 08/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

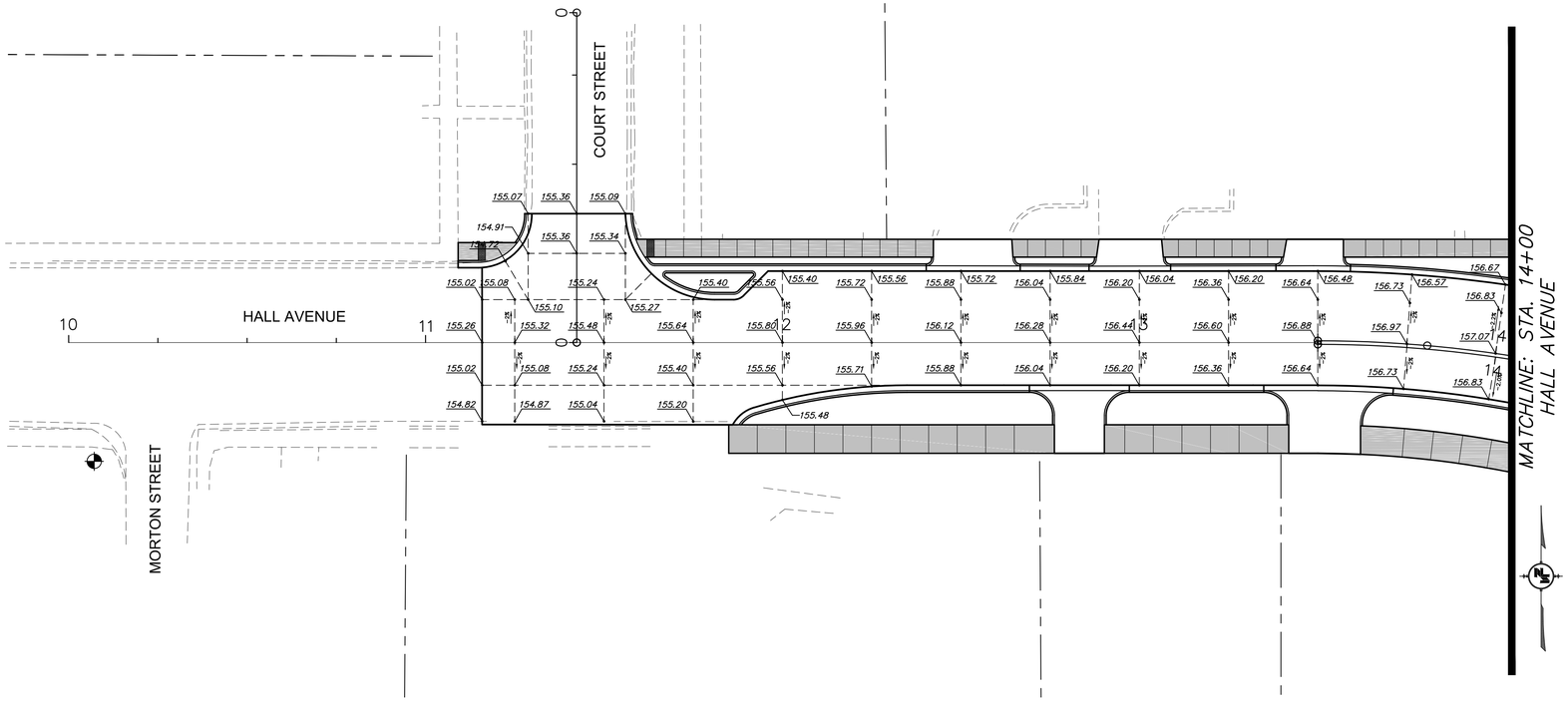
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

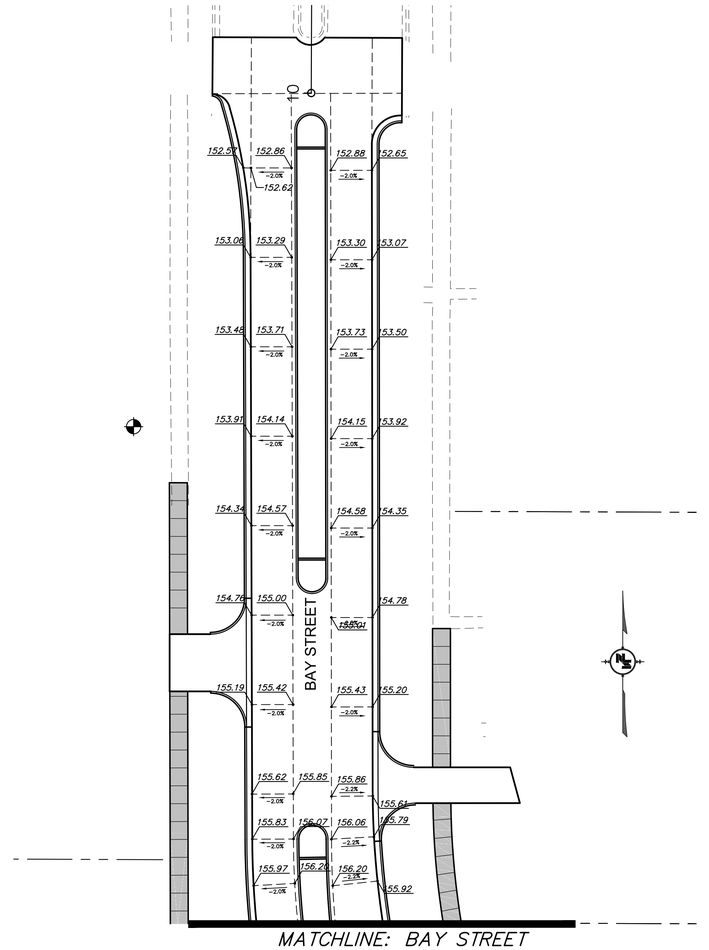
NEEL-SCHAFFER
Solutions you can build upon

FORM GRADES
ROUNDABOUT AND
JAMES STREET / ARLEDGE STREET

WORKING NUMBER:	DRAWING NUMBER:
FG-1	19

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GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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DRWN: JPF	DATE: 08/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

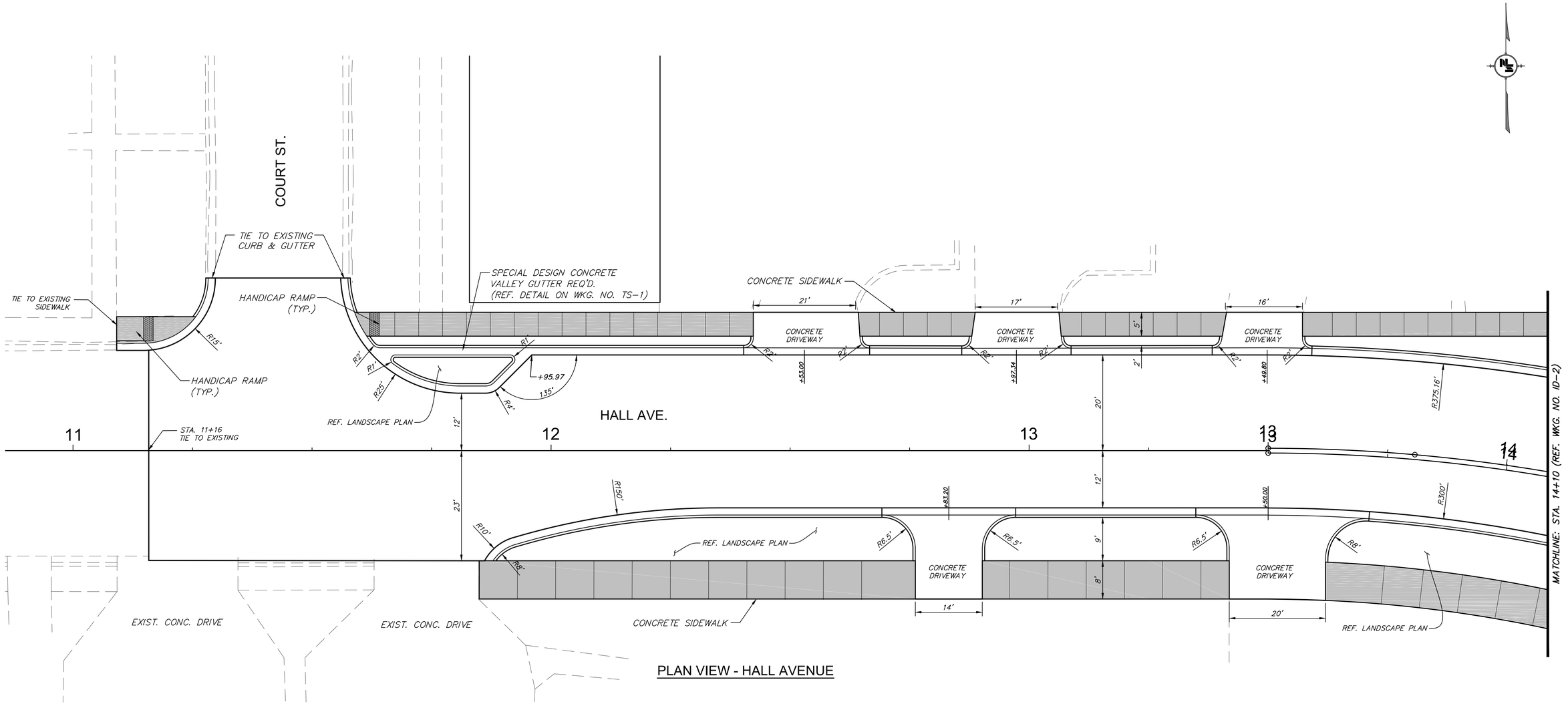
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

FORM GRADES
HALL AVENUE AND
BAY STREET

WORKING NUMBER:	DRAWING NUMBER:
FG-2	20

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PLAN VIEW - HALL AVENUE

GRAPHIC SCALE

10 0 5 10 20

(IN FEET)

1 inch = 10 feet

NOTICE TO DRAWING HOLDER

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NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
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SCALE: 1" = 10'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 08/2021
DRWN: JPF	DATE: 08/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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Solutions you can build upon

INTERSECTION DETAIL
HALL AVENUE

WORKING NUMBER:	DRAWING NUMBER:
ID-1	21

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MATCHLINE: STA. 7+30 (REF. WKG. NO. ID-3)

MATCHLINE: STA. 14+10 (REF. WKG. NO. ID-1)

MATCHLINE: STA. 5+07 (REF. WKG. NO. ID-3)

MATCHLINE: STA. 4+87 (REF. WKG. NO ID-4)

BAY STREET

HALL AVE.

HALL AVE.

ARLEDGE ST.

JAMES ST.

140'ø INSCRIBED CIRCLE

SEE THICKENED SIDEWALK DETAIL ON WKG. NO. DET-5

CONCRETE SIDEWALK

CONCRETE DRIVEWAY

HANDICAP RAMP (TYP.)

CONCRETE SIDEWALK

HANDICAP RAMP (TYP.)

CONCRETE SIDEWALK

HANDICAP RAMP (TYP.)

HANDICAP RAMP (TYP.)

HANDICAP RAMP (TYP.)

HANDICAP RAMP (TYP.)

GRAPHIC SCALE

10 0 5 10 20

(IN FEET)

1 inch = 10 feet

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DRWN: JPF	DATE: 08/2021
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QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

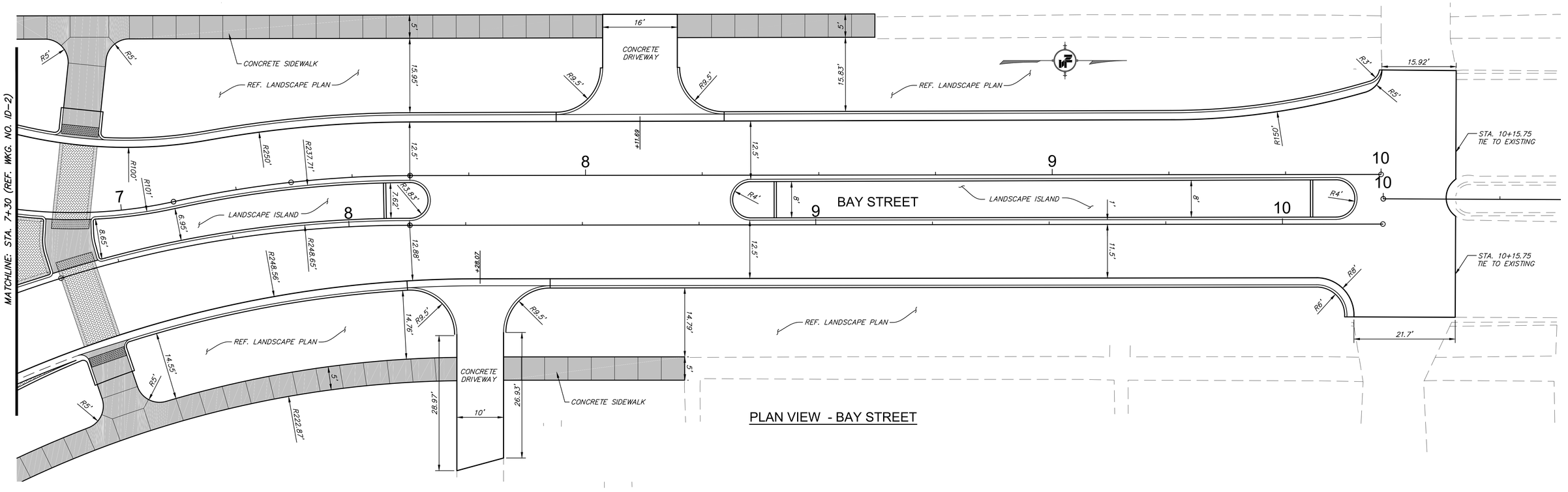
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

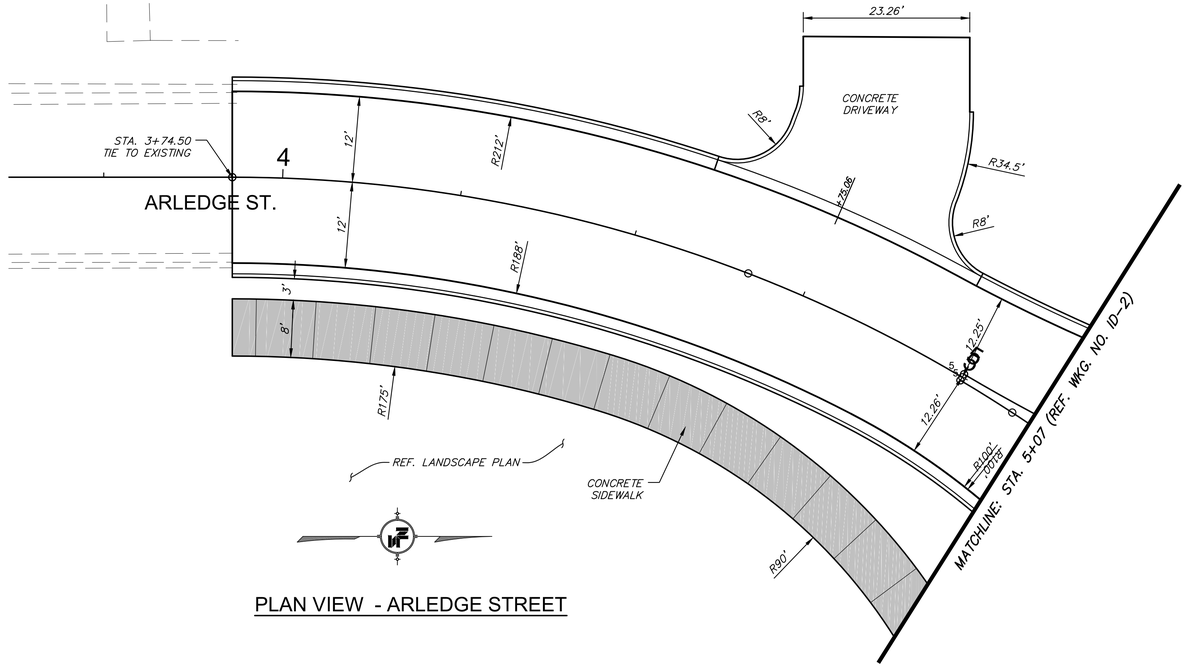
INTERSECTION DETAIL
ROUNDABOUT

WORKING NUMBER:	DRAWING NUMBER:
ID-2	22

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PLAN VIEW - BAY STREET



PLAN VIEW - ARLEDGE STREET

GRAPHIC SCALE
10 0 5 10 20
(IN FEET)
1 inch = 10 feet

NOTICE TO DRAWING HOLDER

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REVISIONS			
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QA/QC:	DATE:

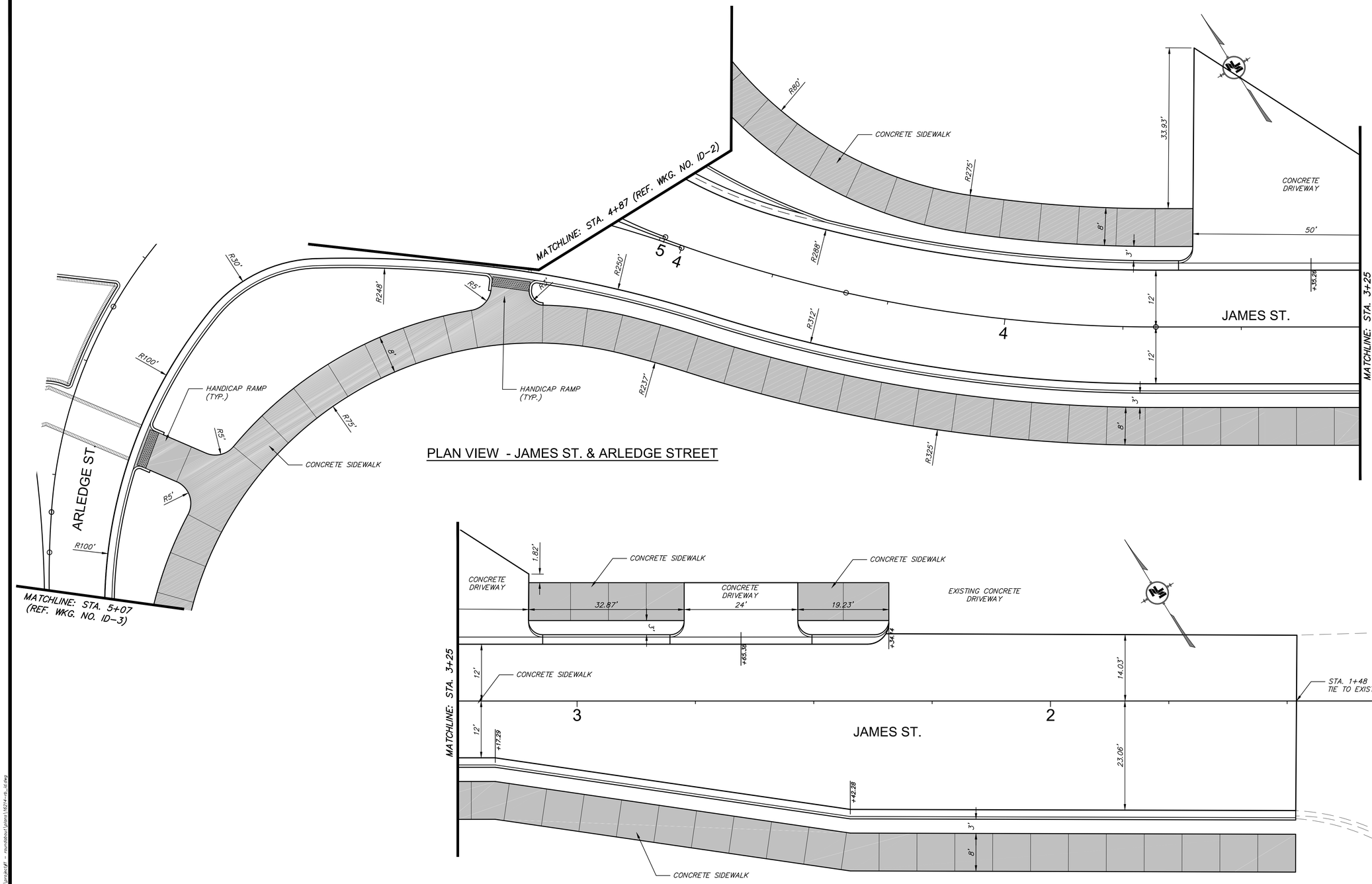
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

INTERSECTION DETAIL
BAY STREET / ARLEDGE STREET

WORKING NUMBER:	DRAWING NUMBER:
ID-3	23

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PLAN VIEW - JAMES ST. & ARLEDGE STREET

PLAN VIEW - JAMES STREET

NOTICE TO DRAWING HOLDER

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QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

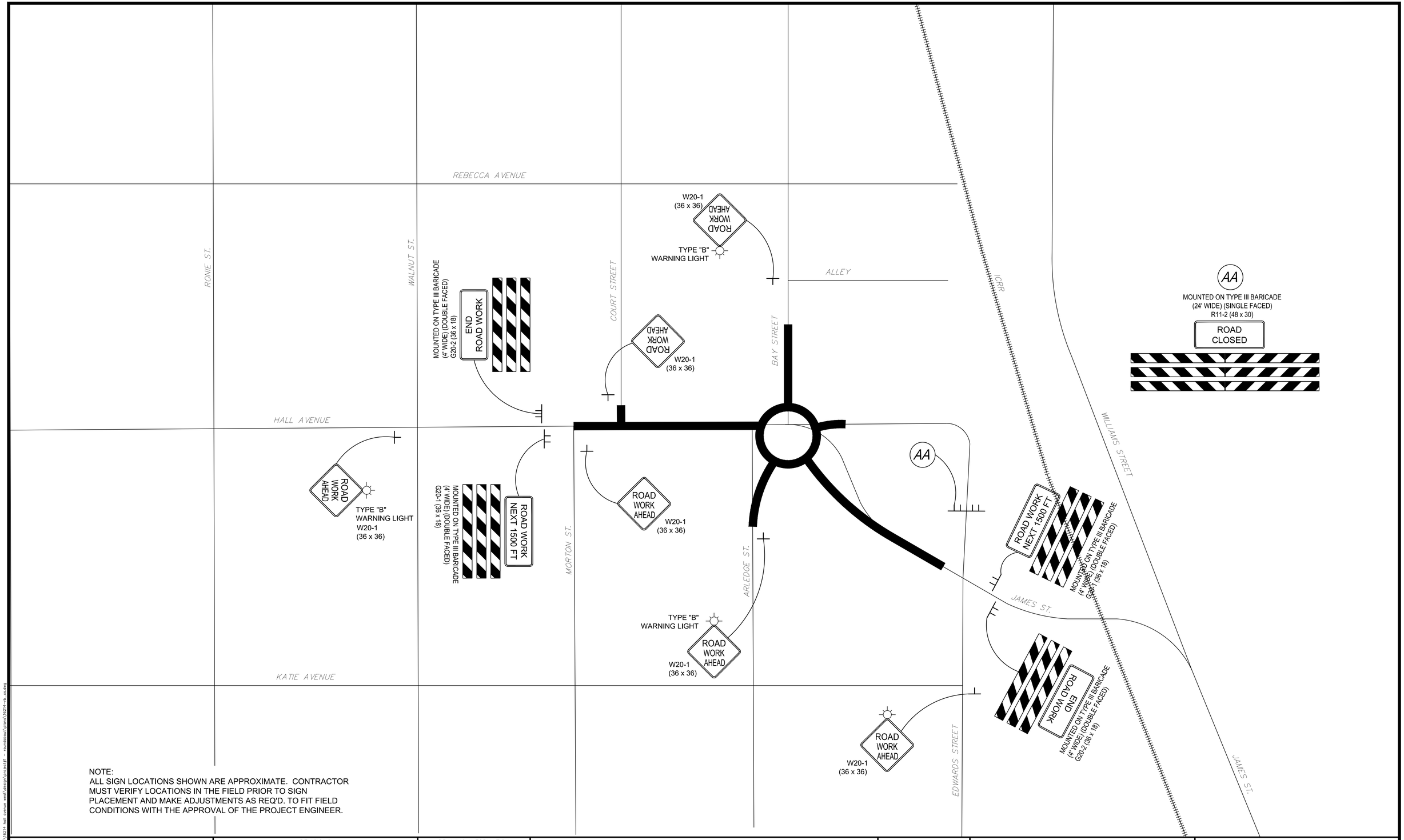
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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INTERSECTION DETAIL
JAMES STREET

WORKING NUMBER:	DRAWING NUMBER:
ID-4	24

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NOTE:
ALL SIGN LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST VERIFY LOCATIONS IN THE FIELD PRIOR TO SIGN PLACEMENT AND MAKE ADJUSTMENTS AS REQ'D. TO FIT FIELD CONDITIONS WITH THE APPROVAL OF THE PROJECT ENGINEER.

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N–S PROJECT NO.: NS.16214.01	
FILENAME: 16214–RB_CS.dwg	
SCALE: NO SCALE	
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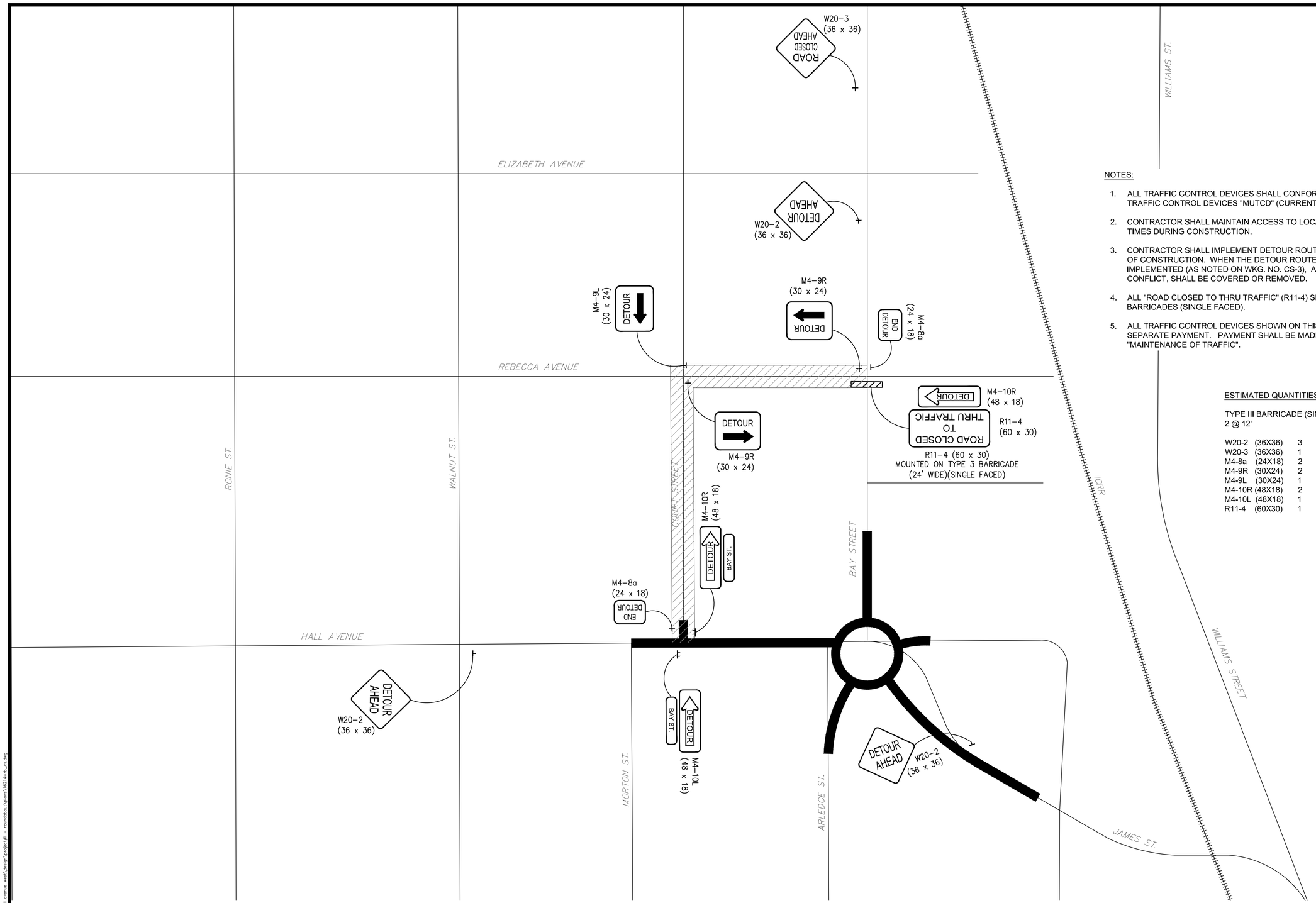
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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TRAFFIC CONTROL DETAIL
CONSTRUCTION SIGNING

WORKING NUMBER:	DRAWING NUMBER:
CS-1	25

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NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES "MUTCD" (CURRENT EDITION).
2. CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL BUSINESSES AND HOMEOWNERS AT ALL TIMES DURING CONSTRUCTION.
3. CONTRACTOR SHALL IMPLEMENT DETOUR ROUTE NOTED ON THIS SHEET DURING ALL PHASES OF CONSTRUCTION. WHEN THE DETOUR ROUTES REQUIRED DURING FINAL PHASES ARE IMPLEMENTED (AS NOTED ON WKG. NO. CS-3), ALL ASSOCIATED SIGNS, DEVICES, ETC. THAT CONFLICT, SHALL BE COVERED OR REMOVED.
4. ALL "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ON 12' TYPE III BARRICADES (SINGLE FACED).
5. ALL TRAFFIC CONTROL DEVICES SHOWN ON THIS SHEET SHALL NOT BE MEASURED FOR SEPARATE PAYMENT. PAYMENT SHALL BE MADE UNDER PAY ITEM 618-A001, "MAINTENANCE OF TRAFFIC".

ESTIMATED QUANTITIES

TYPE III BARRICADE (SINGLE FACED)
2 @ 12'

W20-2	(36X36)	3
W20-3	(36X36)	1
M4-8a	(24X18)	2
M4-9R	(30X24)	2
M4-9L	(30X24)	1
M4-10R	(48X18)	2
M4-10L	(48X18)	1
R11-4	(60X30)	1

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				DSGN: GPC	DATE: 07/2021
				DRWN: JPF	DATE: 07/2021
				CHKD:	DATE:
				QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

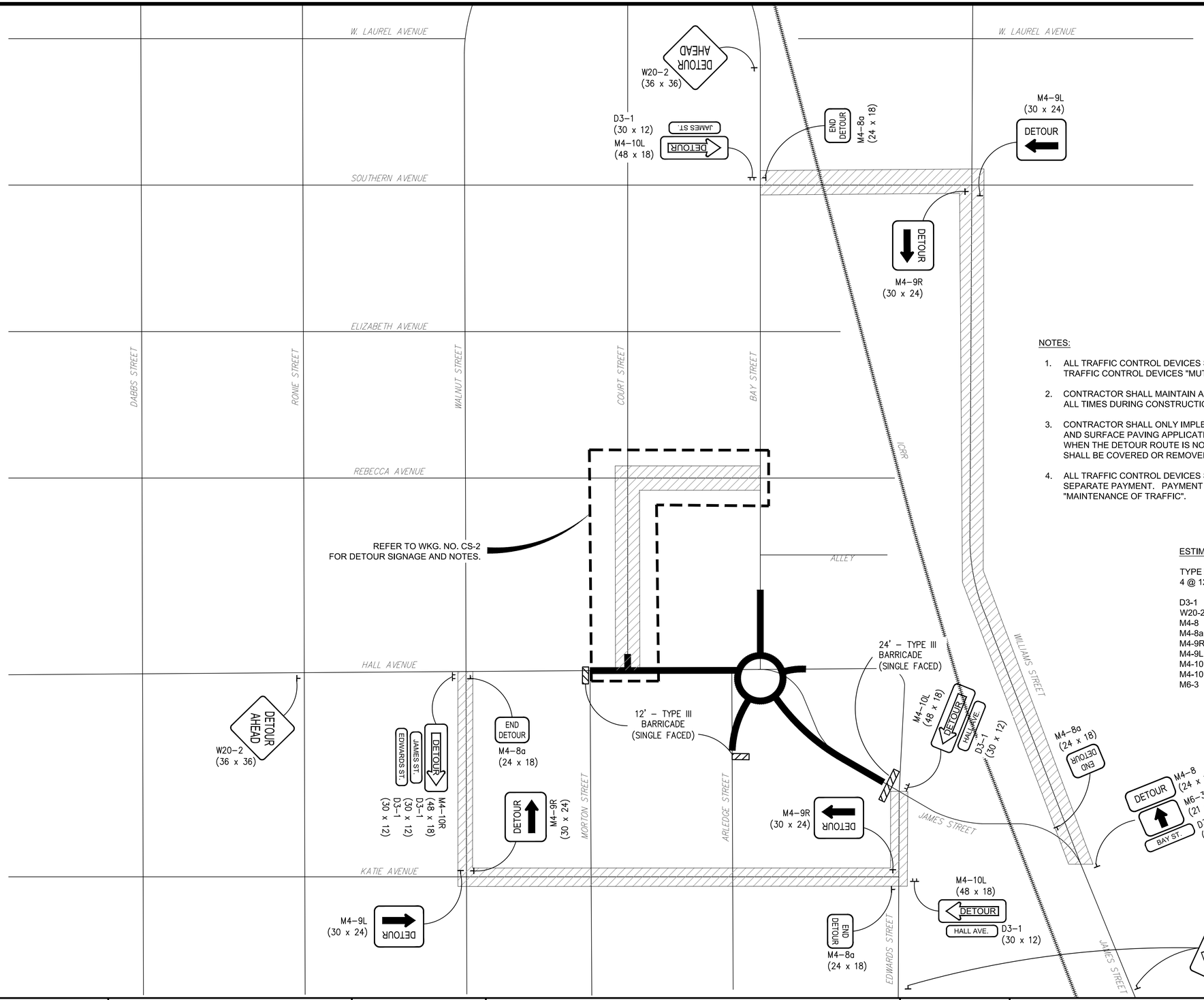
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

TRAFFIC CONTROL PLAN
DETOUR ROUTE - ALL PHASES

WORKING NUMBER:	DRAWING NUMBER:
CS-2	26

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NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES "MUTCD" (CURRENT EDITION).
2. CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL BUSINESSES AND HOMEOWNERS AT ALL TIMES DURING CONSTRUCTION.
3. CONTRACTOR SHALL ONLY IMPLEMENT ALL DETOUR ROUTES SHOWN DURING PHASE 4 AND SURFACE PAVING APPLICATION PHASE (AS NEEDED).
   WHEN THE DETOUR ROUTE IS NOT REQUIRED, ALL ASSOCIATED SIGNS, DEVICES, ETC. SHALL BE COVERED OR REMOVED.
4. ALL TRAFFIC CONTROL DEVICES SHOWN ON THIS SHEET SHALL NOT BE MEASURED FOR SEPARATE PAYMENT. PAYMENT SHALL BE MADE UNDER PAY ITEM 618-A001, "MAINTENANCE OF TRAFFIC".

ESTIMATED QUANTITIES

TYPE III BARRICADE (SINGLE FACED)
4 @ 12'

D3-1	(30X12)	6
W20-2	(36X36)	4
M4-8	(24X12)	1
M4-8a	(24X18)	4
M4-9R	(30X24)	3
M4-9L	(30X24)	2
M4-10R	(48X18)	1
M4-10L	(48X18)	3
M6-3	(21X15)	1

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: 16214-RB_CS.dwg	
SCALE: NO SCALE	
SURVEYED BY:	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

TRAFFIC CONTROL PLAN
DETOUR ROUTE - PHASE IV

WORKING NUMBER:	DRAWING NUMBER:
CS-3	27

9/7/2021 1:09 PM o:\16600\active\ns16214 hall avenue west\design\project* mcostello\Projects\16214-rb_cs.dwg

TEMPORARY PAVEMENT MARKINGS

SYMBOL	DESCRIPTION	TYPE	QUANTITY
1	TEMP. TRAFFIC STRIPE (CONT. YELLOW)		486
2	TEMP. TRAFFIC STRIPE WHITE (DETAIL)		
3	TEMP. TRAFFIC STRIPE YELLOW (DETAIL)		
4	TEMP. TRAFFIC STRIPE (LEGEND) (SQ. FT.)		
5	TEMP. TRAFFIC STRIPE (LEGEND) (LIN. FT.)		

PHASE I CONSTRUCTION:
CLOSE BAY STREET NORTH OF HALL AVENUE.
CONSTRUCT BAY STREET NORTH OF ROUNDABOUT,
NORTH SIDE OF HALL AVENUE WEST OF ROUNDABOUT
AND ALL OF HALL AVENUE EAST OF ROUNDABOUT.

REF. WKG. NO. CS-2 FOR DETOUR TRAFFIC CONTROL
DEVICE PLACEMENT.

TRAFFIC CONTROL ITEMS

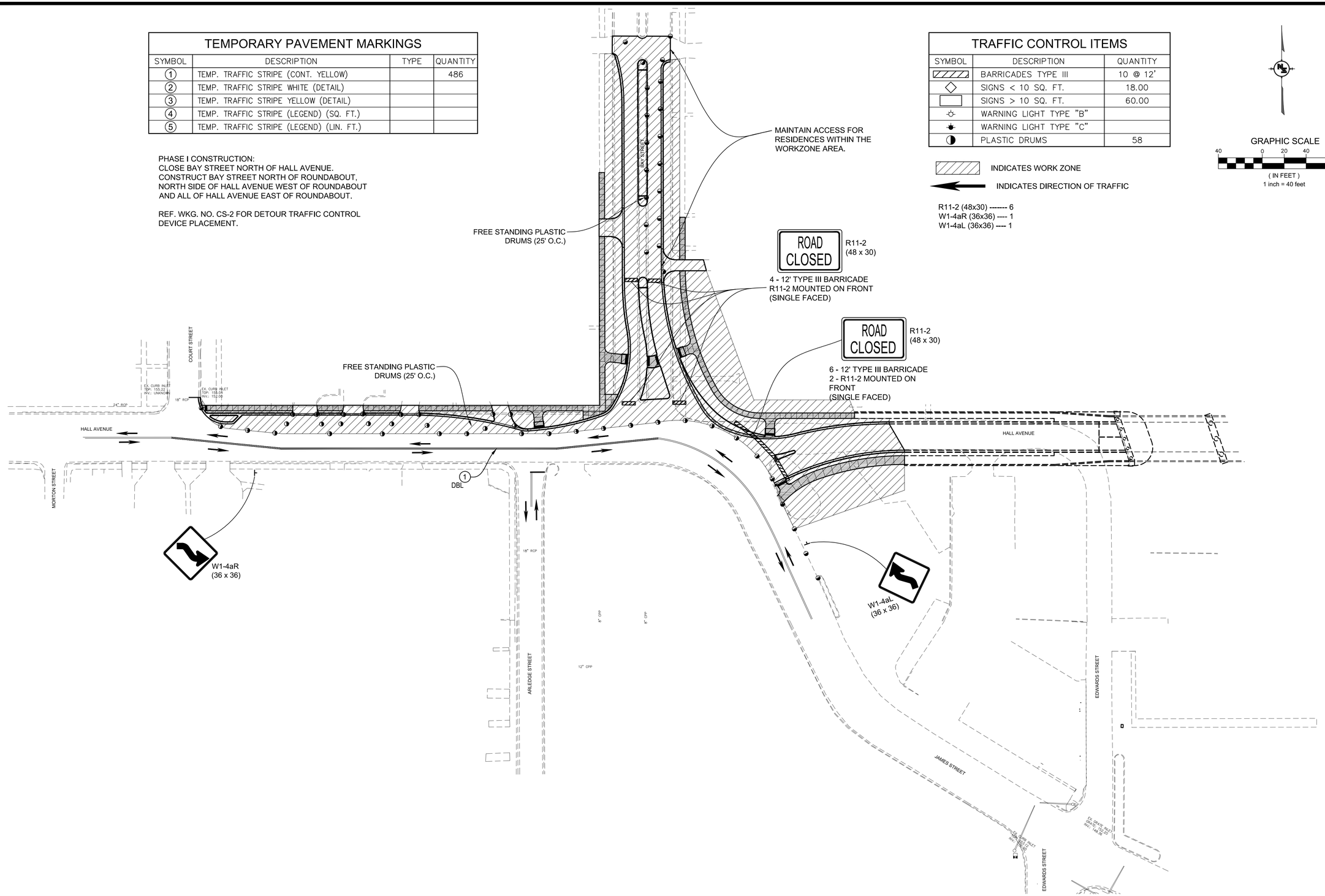
SYMBOL	DESCRIPTION	QUANTITY
	BARRICADES TYPE III	10 @ 12'
	SIGNS < 10 SQ. FT.	18.00
	SIGNS > 10 SQ. FT.	60.00
	WARNING LIGHT TYPE "B"	
	WARNING LIGHT TYPE "C"	
	PLASTIC DRUMS	58

INDICATES WORK ZONE

INDICATES DIRECTION OF TRAFFIC

R11-2 (48x30) ------- 6
W1-4aR (36x36) ---- 1
W1-4aL (36x36) ---- 1

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 feet



NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
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FILENAME: 16214-RB_TC-PH1.dwg	
SCALE: 1" = 40'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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TRAFFIC CONTROL PLAN
PHASE I

WORKING NUMBER:	DRAWING NUMBER:
TC-1	28

3/7/2022 1:00 PM d:\16500\civil\dsgn\N1621 4 civil_dsgn\plan\ph1 - roundabout\plans\N16214-rb_tc-ph1.dwg

TEMPORARY PAVEMENT MARKINGS			
SYMBOL	DESCRIPTION	TYPE	QUANTITY
(1)	TEMP. TRAFFIC STRIPE (CONT. YELLOW)		486
(2)	TEMP. TRAFFIC STRIPE WHITE (DETAIL)		
(3)	TEMP. TRAFFIC STRIPE YELLOW (DETAIL)		
(4)	TEMP. TRAFFIC STRIPE (LEGEND) (SQ. FT.)		
(5)	TEMP. TRAFFIC STRIPE (LEGEND) (LIN. FT.)		

PHASE II CONSTRUCTION:
CLOSE ARLEDGE STREET. BAY STREET REMAINS CLOSED TO THRU TRAFFIC.
CONSTRUCT ARLEDGE STREET AND JAMES STREET LEGS ON SOUTH SIDE OF ROUNDABOUT. CONSTRUCT SOUTH SIDE OF HALL AVENUE WEST OF ROUNDABOUT.

REF. WKG. NO. CS-2 FOR DETOUR TRAFFIC CONTROL DEVICE PLACEMENT.

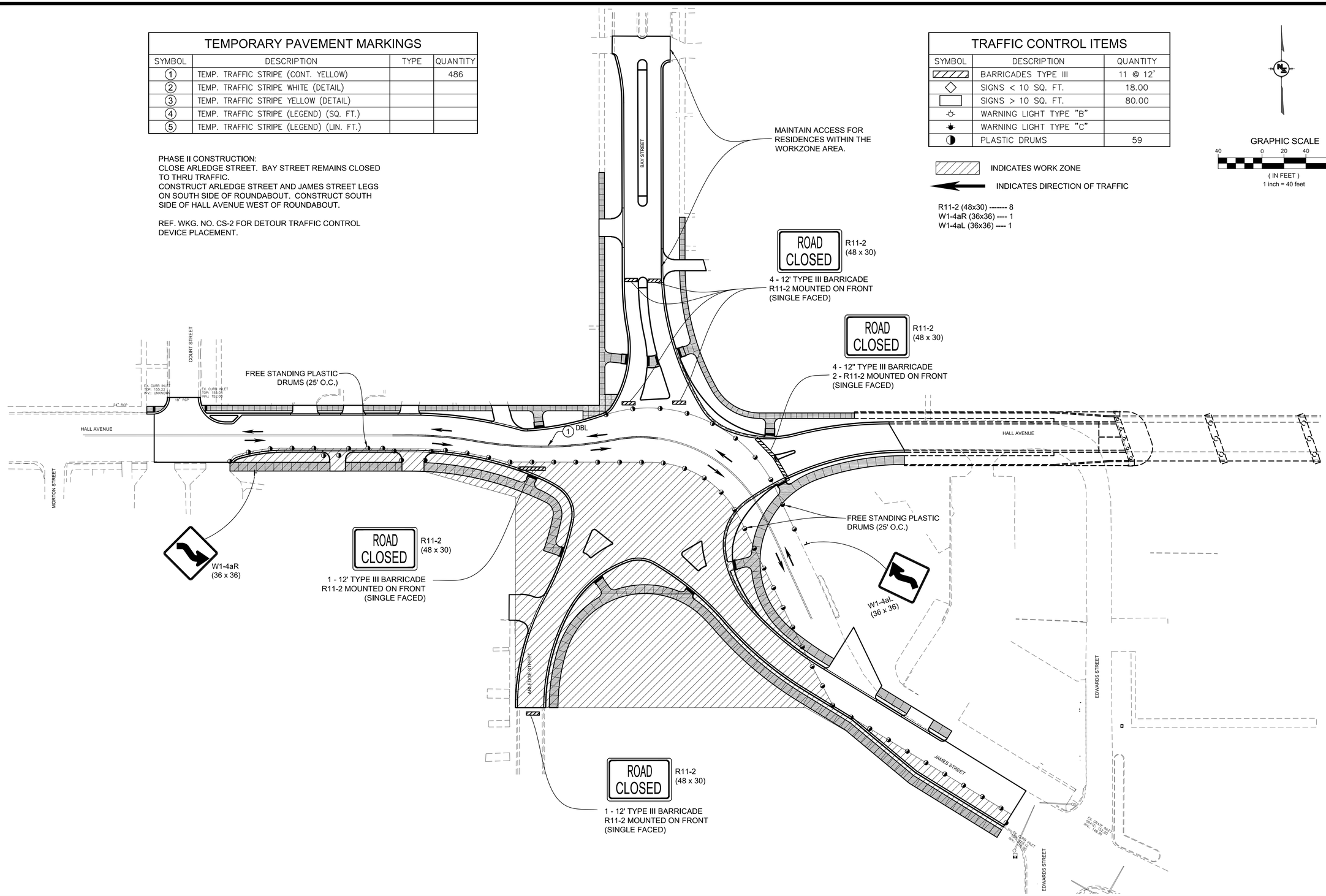
TRAFFIC CONTROL ITEMS		
SYMBOL	DESCRIPTION	QUANTITY
	BARRICADES TYPE III	11 @ 12'
	SIGNS < 10 SQ. FT.	18.00
	SIGNS > 10 SQ. FT.	80.00
	WARNING LIGHT TYPE "B"	
	WARNING LIGHT TYPE "C"	
	PLASTIC DRUMS	59

INDICATES WORK ZONE

INDICATES DIRECTION OF TRAFFIC

R11-2 (48x30) ------- 8
W1-4aR (36x36) ---- 1
W1-4aL (36x36) ---- 1

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 feet



NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
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FILENAME: 16214-RB_TC-PH2.dwg	
SCALE: 1" = 40'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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CONSTRUCTION

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TRAFFIC CONTROL PLAN
PHASE II

WORKING NUMBER:	DRAWING NUMBER:
TC-2	29

3/7/2022 1:05 PM J:\16500\Northern\N16214 hall avenue east\Design\Variant.dgn - microstation\Users\N16214 rb_tc - ph2.dwg

TEMPORARY PAVEMENT MARKINGS

SYMBOL	DESCRIPTION	TYPE	QUANTITY
1	TEMP. TRAFFIC STRIPE (CONT. YELLOW)		1370
2	TEMP. TRAFFIC STRIPE WHITE (DETAIL)		100
3	TEMP. TRAFFIC STRIPE YELLOW (DETAIL)		
4	TEMP. TRAFFIC STRIPE (LEGEND) (SQ. FT.)		61.8
5	TEMP. TRAFFIC STRIPE (LEGEND) (LIN. FT.)		48

PHASE III CONSTRUCTION:
BAY STREET AND ARLEDGE STREET REMAIN CLOSED TO THRU TRAFFIC. SHIFT THRU TRAFFIC ON JAMES/HALL TO SOUTHWEST SIDE OF CENTER ISLAND.
CONSTRUCT CENTER ISLAND AND SPLITTER ISLAND ON EAST SIDE OF ROUNDABOUT AND EAST SIDE OF JAMES STREET.

REF. WKG. NO. CS-2 FOR DETOUR TRAFFIC CONTROL DEVICE PLACEMENT.

TRAFFIC CONTROL ITEMS

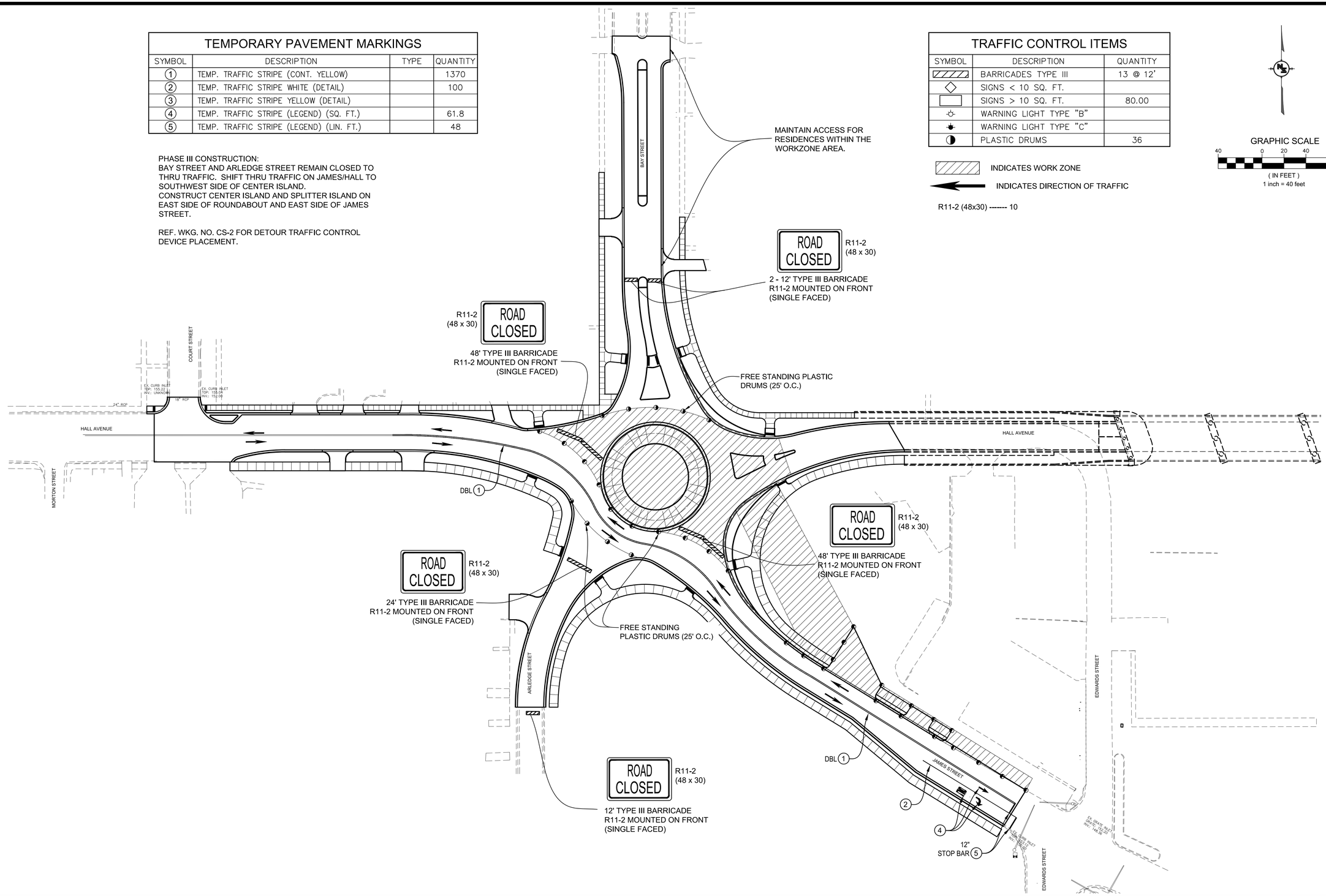
SYMBOL	DESCRIPTION	QUANTITY
	BARRICADES TYPE III	13 @ 12'
	SIGNS < 10 SQ. FT.	
	SIGNS > 10 SQ. FT.	80.00
	WARNING LIGHT TYPE "B"	
	WARNING LIGHT TYPE "C"	
	PLASTIC DRUMS	36

INDICATES WORK ZONE

INDICATES DIRECTION OF TRAFFIC

R11-2 (48x30) ------- 10

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 feet



NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: 16214-RB_TC-PH3.dwg	
SCALE: 1" = 40'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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TRAFFIC CONTROL PLAN
PHASE III

WORKING NUMBER:	DRAWING NUMBER:
TC-3	30

3/7/2022 1:01 PM d:\16500\civil\dgn\N1621 Hall Avenue and Main\Design\plan.dgn - Roundabout\Cards\N1621 4-ph_tc-ph3.dgn

TEMPORARY PAVEMENT MARKINGS

SYMBOL	DESCRIPTION	TYPE	QUANTITY
1	TEMP. TRAFFIC STRIPE (CONT. YELLOW)		930
2	TEMP. TRAFFIC STRIPE WHITE (DETAIL)		100
3	TEMP. TRAFFIC STRIPE YELLOW (DETAIL)		
4	TEMP. TRAFFIC STRIPE (LEGEND) (SQ. FT.)		61.8
5	TEMP. TRAFFIC STRIPE (LEGEND) (LIN. FT.)		48

PHASE IV CONSTRUCTION:
BAY STREET, ARLEDGE STREET AND HALL AVENUE (EAST) TO REMAIN CLOSED TO THRU TRAFFIC. THRU TRAFFIC ON JAMES/HALL TO FOLLOW RESPECTIVE PATHS AROUND CENTER ISLAND.
CONSTRUCT REMAINING SPLITTER ISLANDS HALL, ARLEDGE AND JAMES STREETS.

REF. WKG. NOS. CS-2 AND CS-3 FOR DETOUR TRAFFIC CONTROL DEVICE PLACEMENT.

TRAFFIC CONTROL ITEMS

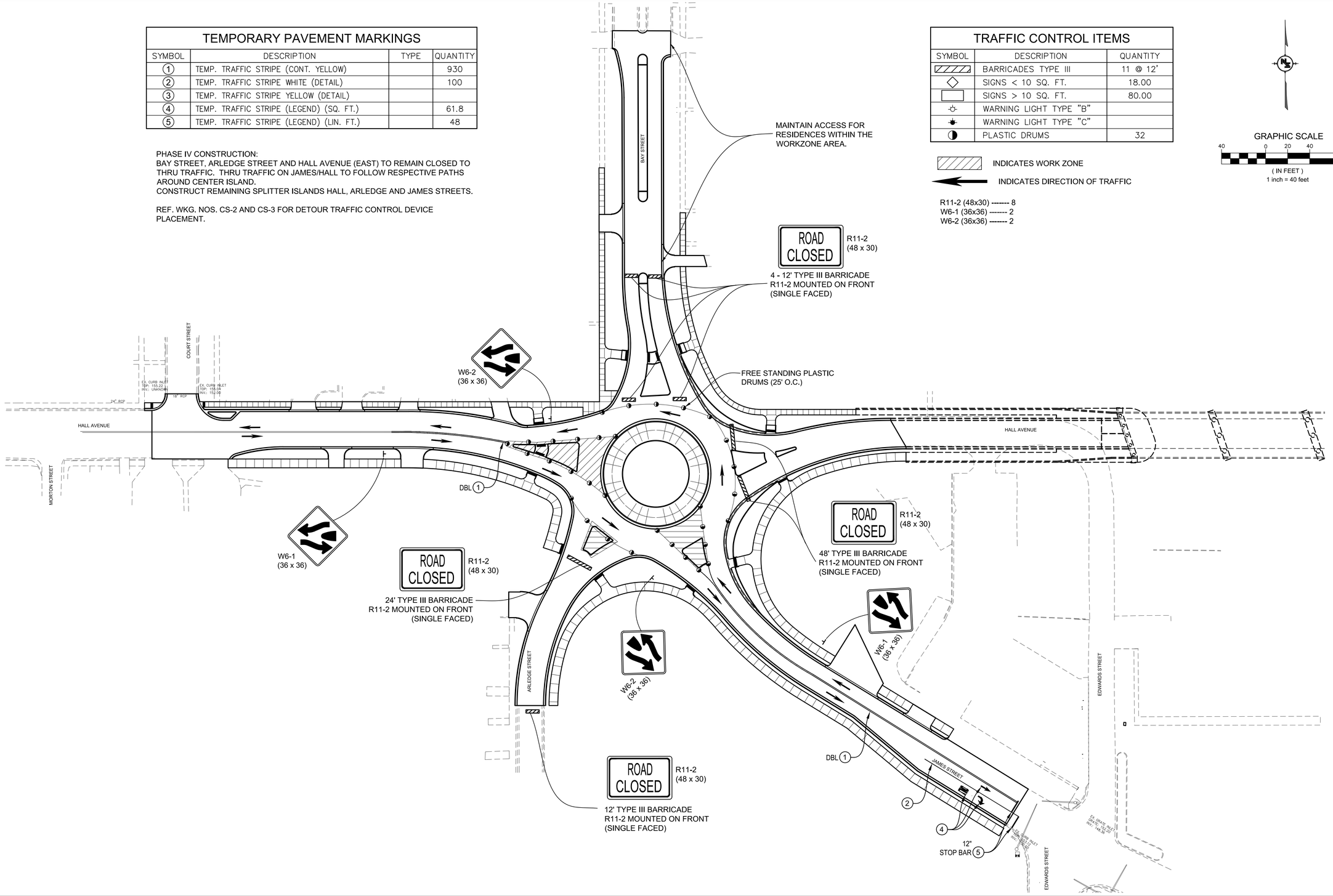
SYMBOL	DESCRIPTION	QUANTITY
	BARRICADES TYPE III	11 @ 12'
	SIGNS < 10 SQ. FT.	18.00
	SIGNS > 10 SQ. FT.	80.00
	WARNING LIGHT TYPE "B"	
	WARNING LIGHT TYPE "C"	
	PLASTIC DRUMS	32

INDICATES WORK ZONE

INDICATES DIRECTION OF TRAFFIC

R11-2 (48x30) ------- 8
W6-1 (36x36) ------- 2
W6-2 (36x36) ------- 2

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 feet



NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: 16214-RB_TC-PH4.dwg	
SCALE: 1" = 40'	
SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

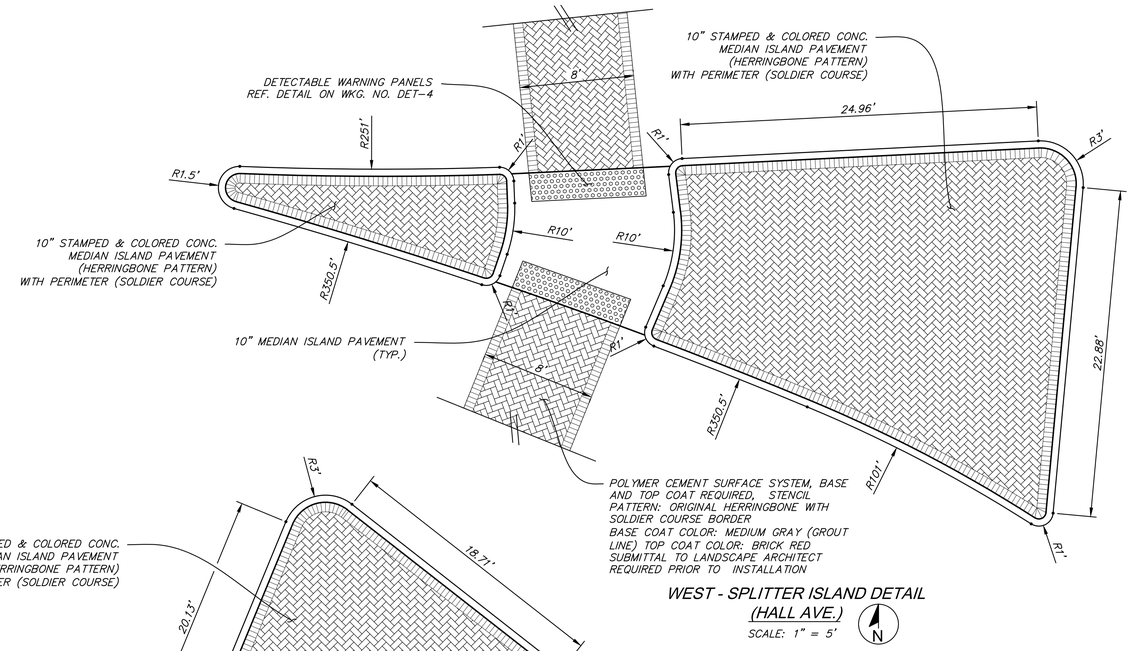
PRELIMINARY
NOT FOR
CONSTRUCTION

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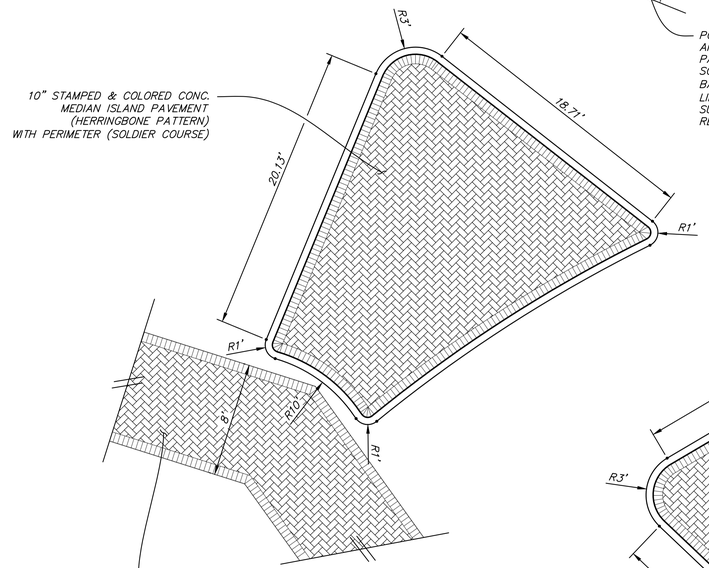
TRAFFIC CONTROL PLAN
PHASE IV

WORKING NUMBER:	DRAWING NUMBER:
TC-4	31

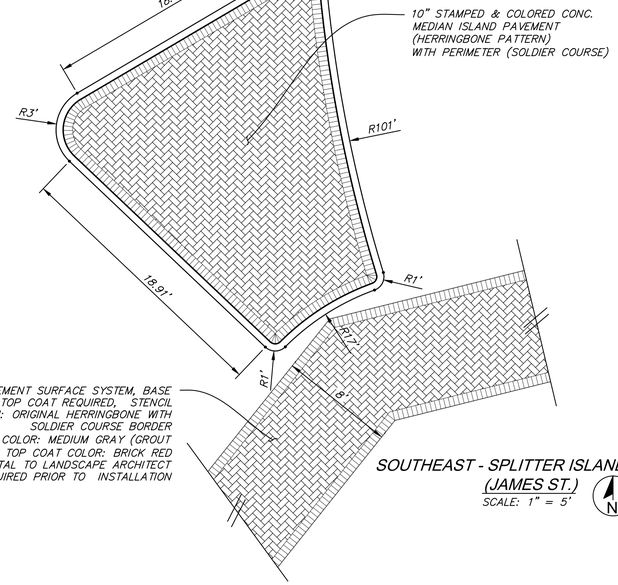
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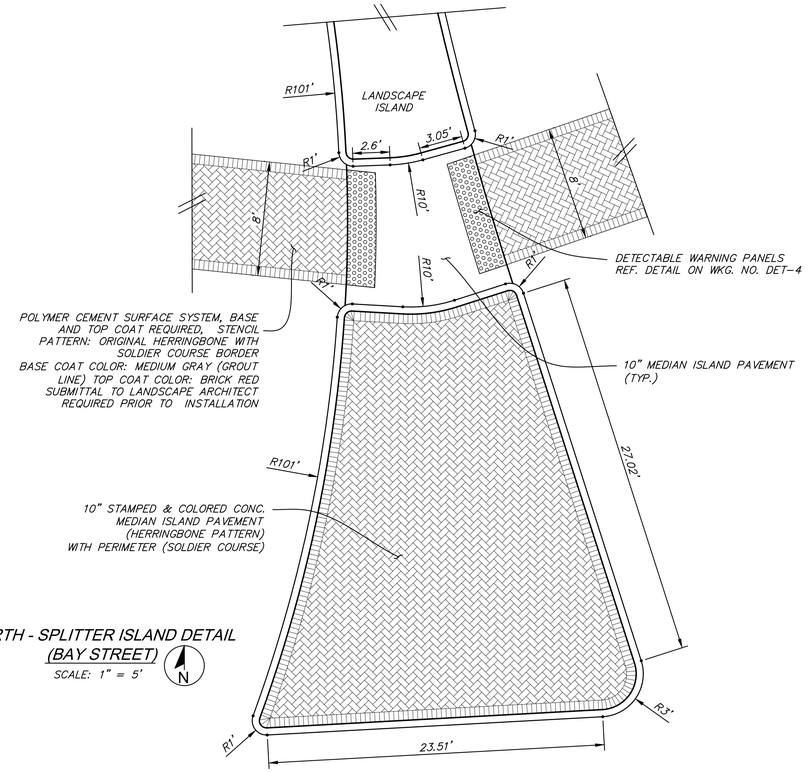
WEST - SPLITTER ISLAND DETAIL
(HALL AVE.)
SCALE: 1" = 5'



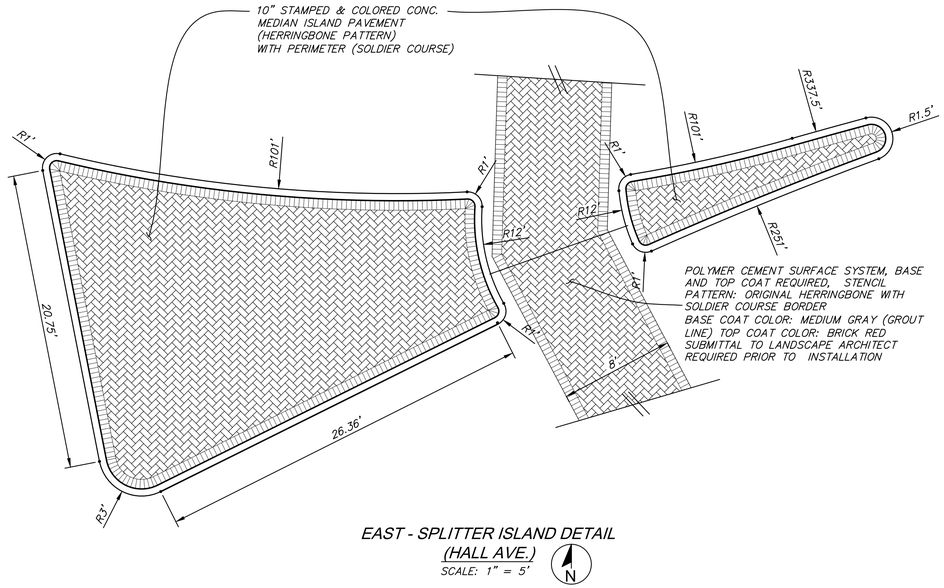
SOUTHWEST - SPLITTER ISLAND DETAIL
(ARLEDGE ST.)
SCALE: 1" = 5'



SOUTHEAST - SPLITTER ISLAND DETAIL
(JAMES ST.)
SCALE: 1" = 5'



NORTH - SPLITTER ISLAND DETAIL
(BAY STREET)
SCALE: 1" = 5'



EAST - SPLITTER ISLAND DETAIL
(HALL AVE.)
SCALE: 1" = 5'

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: *16214-RB_Details.dwg*	
SCALE: AS SHOWN	
SURVEYED BY:	
DSGN: GPC	DATE: 08/2021
DRWN: JPF	DATE: 08/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

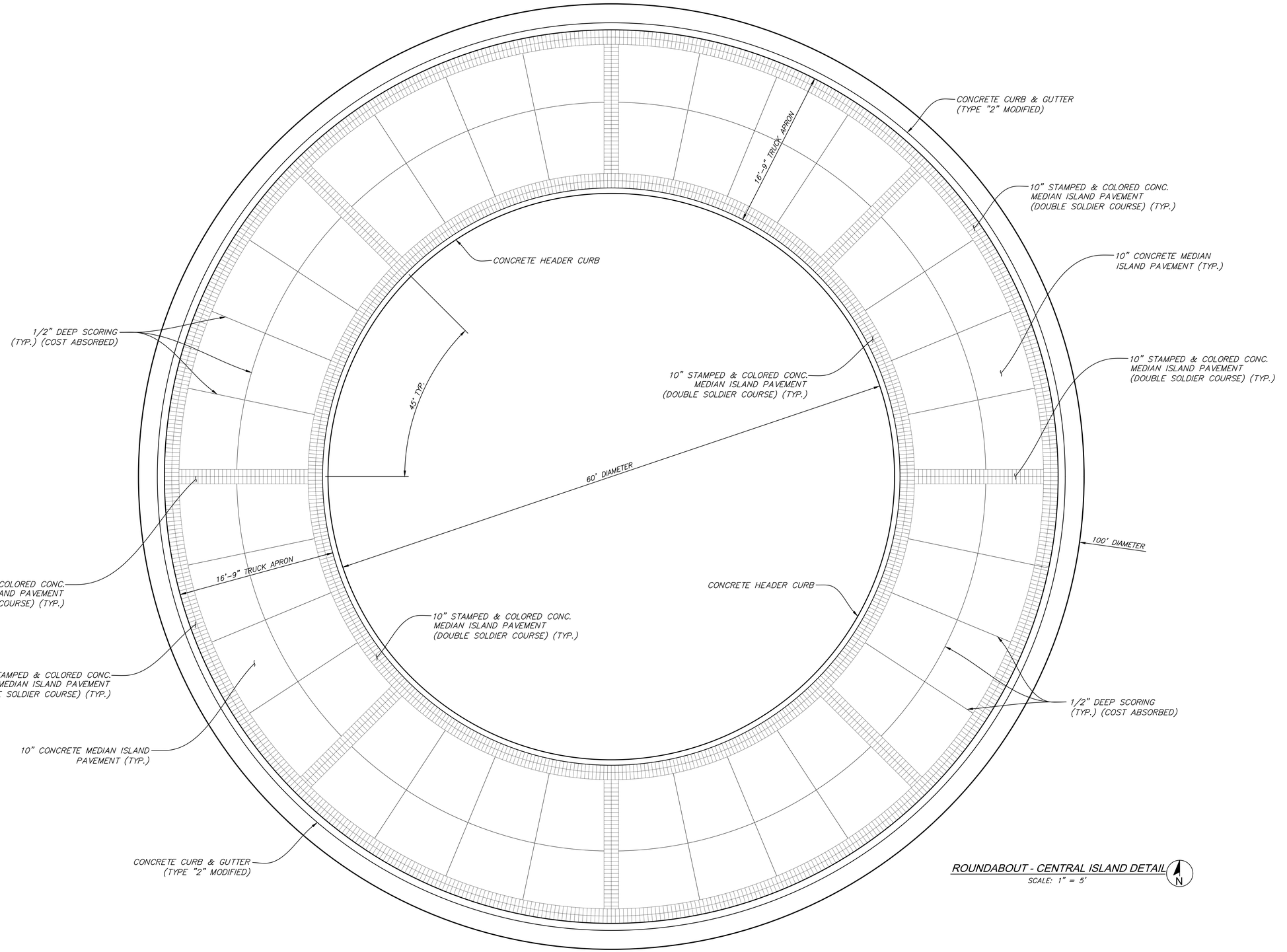
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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SPLITTER ISLAND DETAILS

WORKING NUMBER:	DRAWING NUMBER:
DET-1	32

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ROUNDABOUT - CENTRAL ISLAND DETAIL

SCALE: 1" = 5'

NOTICE TO DRAWING HOLDER

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DRAWING INFORMATION	
N-S PROJECT NO.: NS.16214.01	
FILENAME: *16214-RB_Details.dwg*	
SCALE: AS SHOWN	
SURVEYED BY:	
DSGN: GPC	DATE: 08/2021
DRWN: JPF	DATE: 08/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

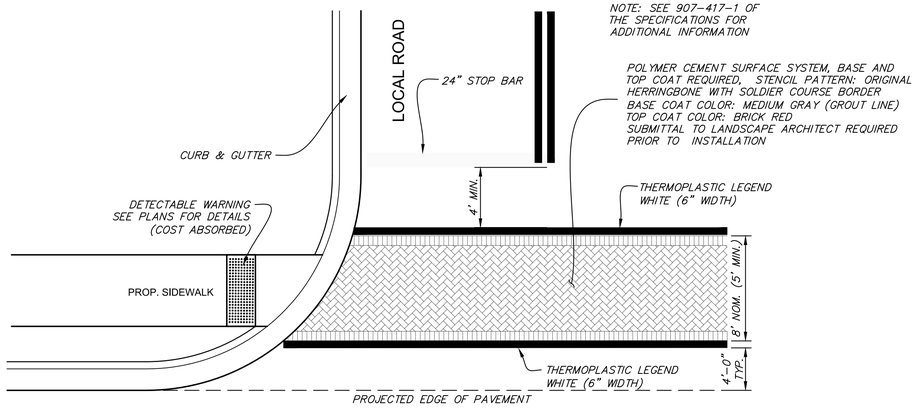
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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CENTRAL ISLAND DETAILS

WORKING NUMBER:	DRAWING NUMBER:
DET-2	33

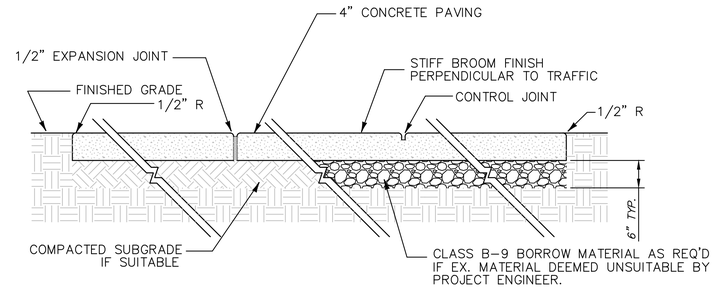
9/7/2021 1:07 PM o:\16000\working\16214 hall avenue west\design\project\rb_roundabout\plans\16214-rb_details.dwg



PARTIAL CROSSWALK DETAIL - LOCAL ROAD

NOT TO SCALE

	JOINT SPACING	
SIDEWALK WIDTH	CONTROL JOINT	EXPANSION JOINT
5	5	40
8	8	40

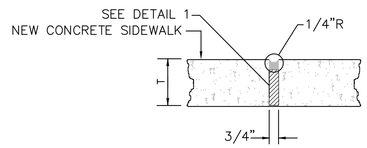


NOTES:

1. 1/2" EXPANSION JOINT CONFORMING TO ASTM D1751. TOP OF JOINT SHALL BE SEALED w/ 1/2 " TAR MODIFIED URETHANE SEALANT. PLACE EXPANSION JOINT AS SHOWN IN THE TABLE ABOVE.
2. HAND TOOLED CONTROL JOINTS W/ 1/2" RADIUS AS SHOWN ABOVE
3. ALL SUBGRADE SOILS FOR SIDEWALK SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.

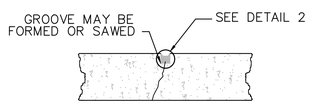
TYPICAL SIDEWALK DETAIL

NOT TO SCALE



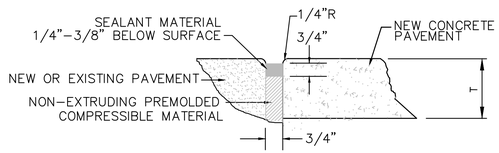
TYPE "B" – EXPANSION JOINT

NOT TO SCALE



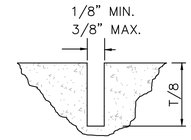
TYPE "A" – CONTROL JOINT

NOT TO SCALE



DETAIL 1 – EXPANSION JOINTS

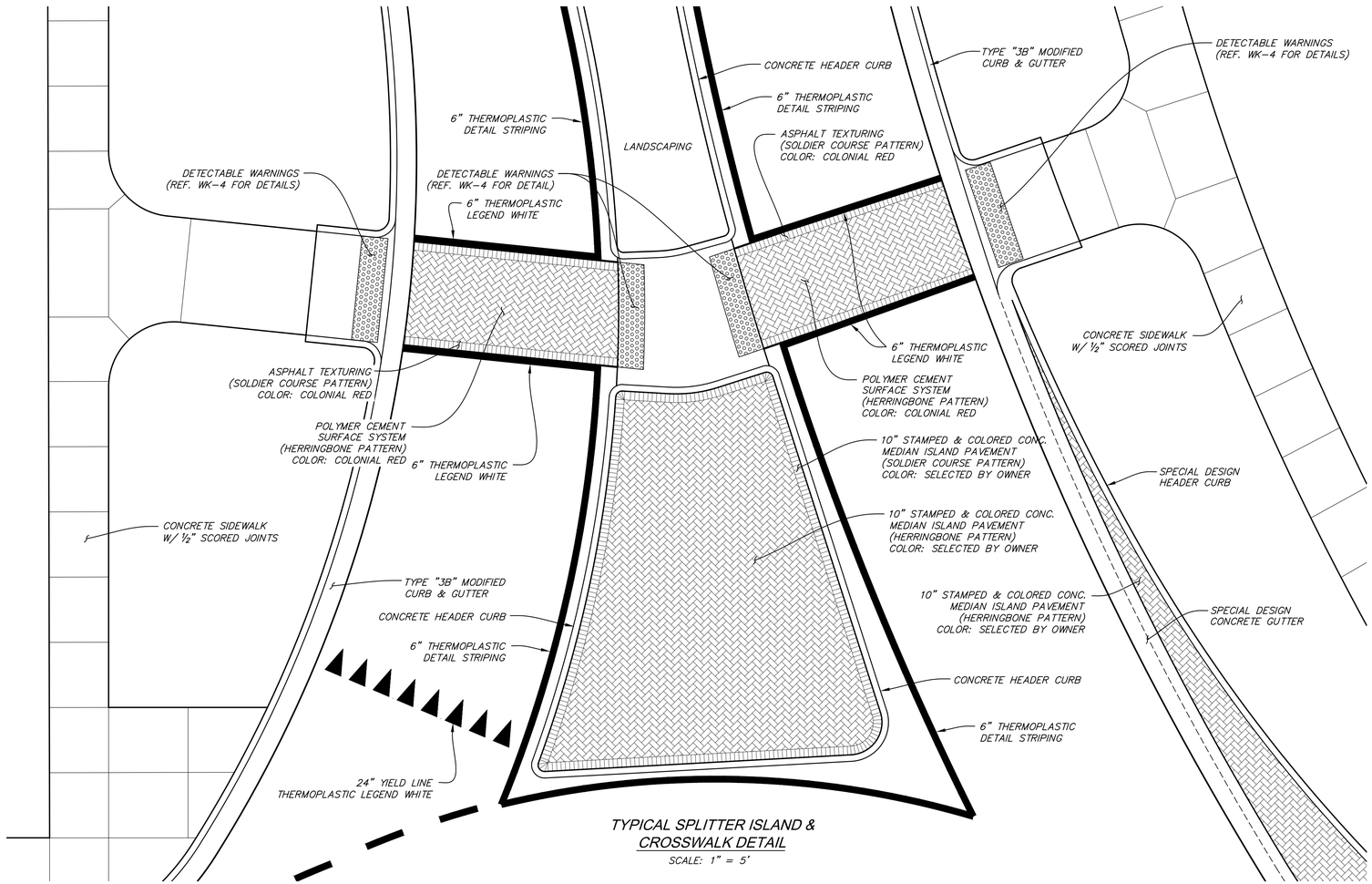
NOT TO SCALE



DETAIL 2 – CONTROL JOINT

NOT TO SCALE

SIDEWALK JOINT DETAILS



TYPICAL SPLITTER ISLAND & CROSSWALK DETAIL

SCALE: 1" = 5'

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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SURVEYED BY:	
DSGN: GPC	DATE: 08/2021
DRWN: JPF	DATE: 08/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

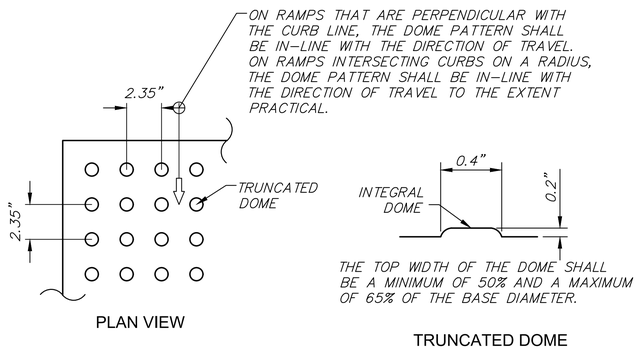
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

MISCELLANEOUS CONSTRUCTION DETAILS

WORKING NUMBER:	DRAWING NUMBER:
DET-3	34

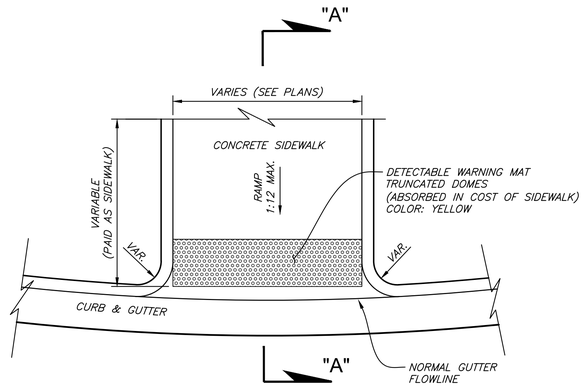
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ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 2 FEET (24 INCHES).

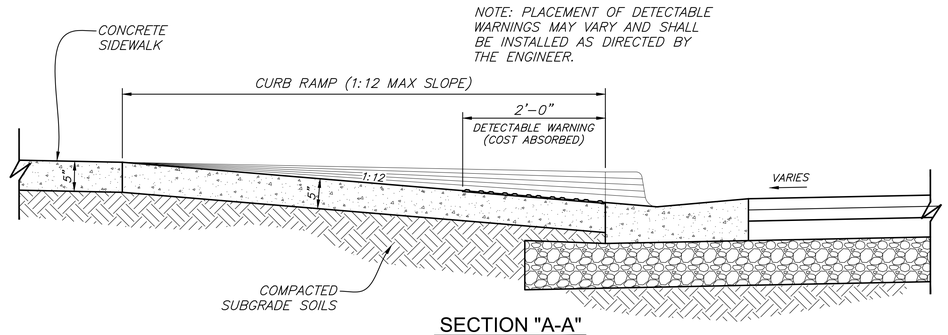
CURB RAMP DETECTABLE WARNING DETAIL

NOT TO SCALE



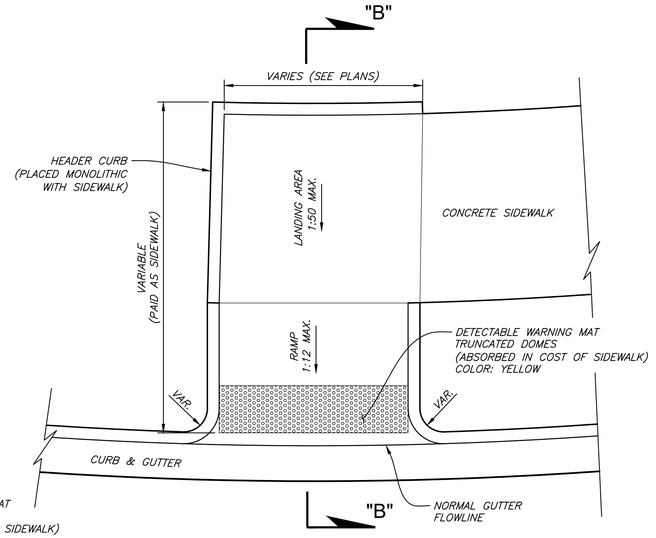
PLAN VIEW

SCALE: 1"=3'



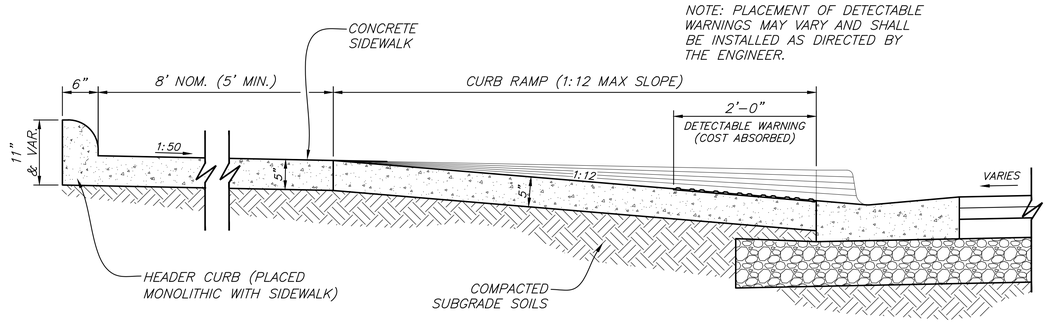
SECTION "A-A"

N.T.S.



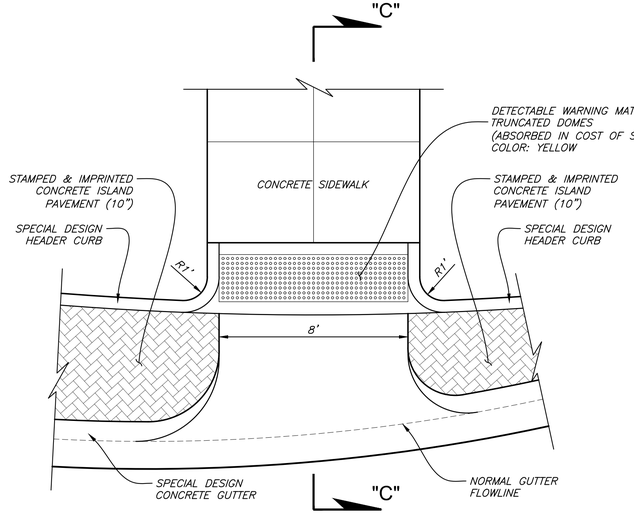
PLAN VIEW

SCALE: 1"=3'



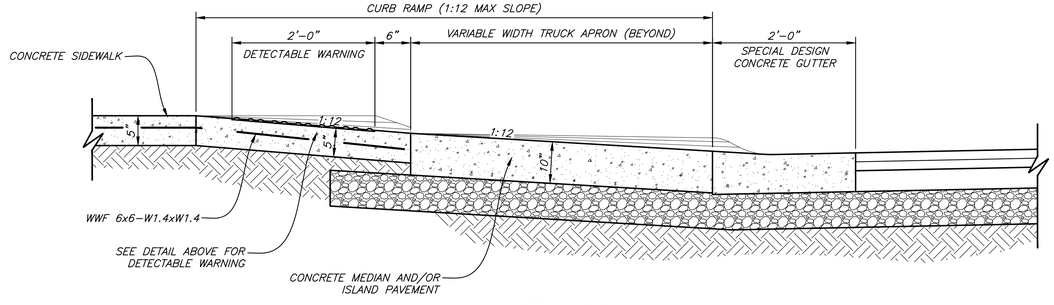
SECTION "B-B"

N.T.S.



PLAN VIEW

SCALE: 1"=3'



SECTION "C-C"

N.T.S.

NOTICE TO DRAWING HOLDER

NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

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FILENAME: *16214-RB_Details.dwg*	
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DRWN: JPF	DATE: 08/2021
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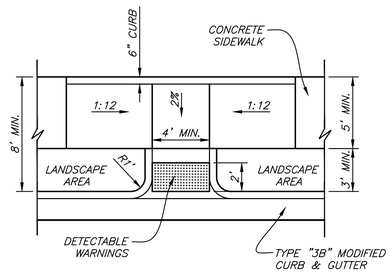
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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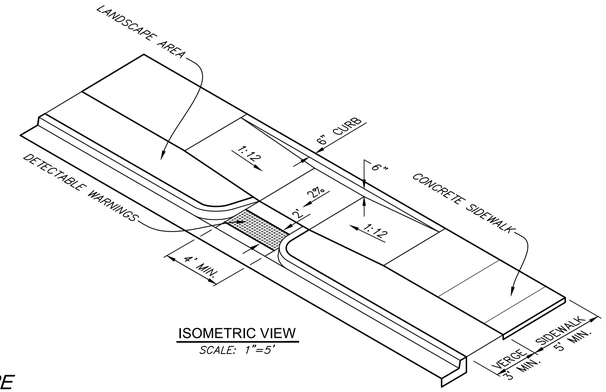
CURB-CUT RAMP AND DETECTABLE WARNING DETAILS

WORKING NUMBER:	DRAWING NUMBER:
DET-4	35

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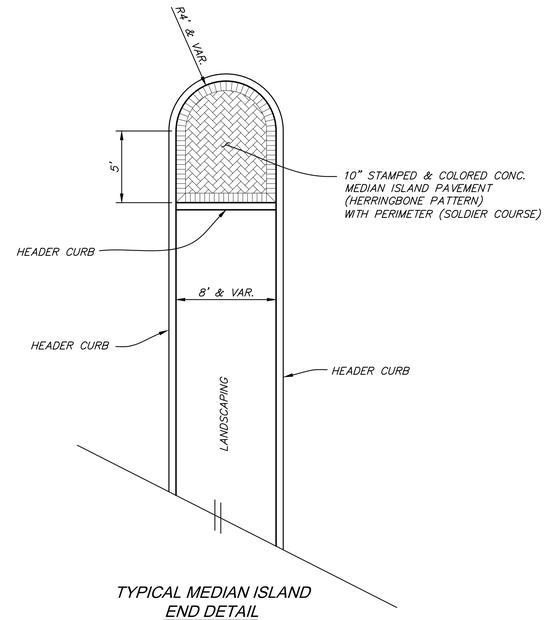


PLAN VIEW
SCALE: 1"=5'

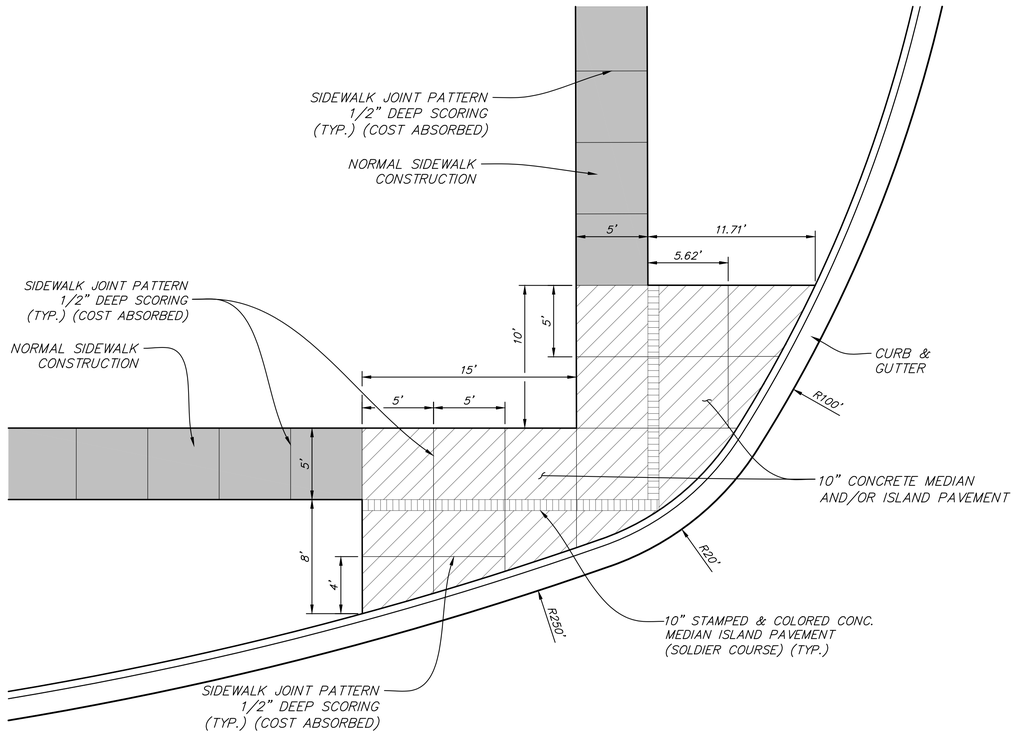


ISOMETRIC VIEW
SCALE: 1"=5'

PARALLEL TYPE CURB-CUT RAMP DETAILS



TYPICAL MEDIAN ISLAND END DETAIL
SCALE: 1" = 5'



THICKENED SIDEWALK DETAIL
SCALE: 1" = 5'

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DRWN: JPF	DATE: 08/2021
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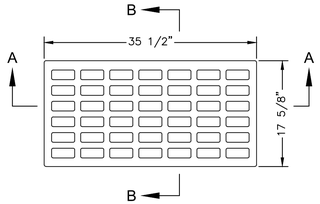
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
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FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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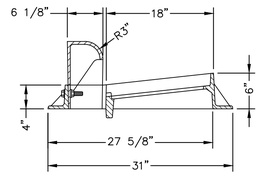
CURB-CUT RAMP AND
MEDIAN ISLAND PAVEMENT DETAILS

WORKING NUMBER:	DRAWING NUMBER:
DET-5	36

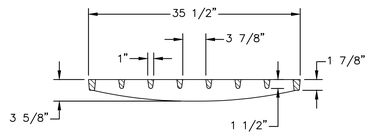
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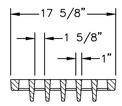
PLAN OF GRATE



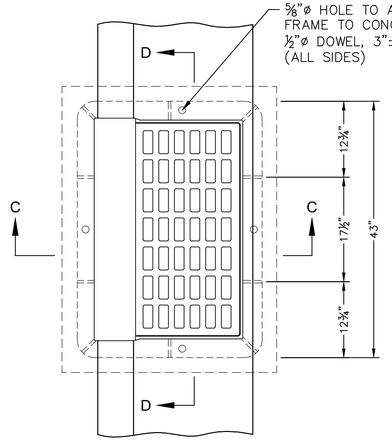
SECTION
(FRAME)



SECTION A-A
(GRATE)



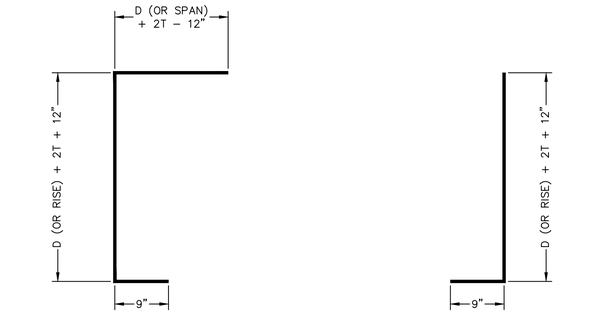
SECTION B-B
(GRATE)



QUANTITIES

PIPE SIZE	MIN. DEPTH TO F.L.	MIN. DEPTH INLET		PIPE OPENING DEDUCTION (yd^3)	T	"A" / #4	"B" / #4	"C" / #4	"D" / #4	"E" / #4	"U1" / #4
		CONC. (yd^3)	STEEL (lbs.)			NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.
15"	2.708	0.819	69	0.036	2"	5 @ 4'–0"	5 @ 3'–5"	10 @ 3'–9"	2 @ 2'–9"	7 @ 3'–1"	1 @ 3'–9"
18"	2.958'	0.992	75	0.053	2½"	5 @ 4'–7"	5 @ 3'–8"	10 @ 3'–9"	2 @ 2'–9"	7 @ 3'–5"	1 @ 3'–9"
24"	3.500'	1.310	88	0.091	3"	5 @ 5'–9"	5 @ 4'–3"	12 @ 3'–9"	2 @ 2'–9"	7 @ 4'–0"	1 @ 3'–9"
30"	4.042'	1.659	99	0.138	3½"	5 @ 6'–11"	5 @ 4'–10"	13 @ 3'–9"	2 @ 2'–9"	7 @ 4'–7"	1 @ 3'–9"
36"	4.584'	2.039	116	0.196	4"	5 @ 8'–1"	5 @ 5'–5"	16 @ 3'–9"	2 @ 2'–9"	7 @ 5'–2"	1 @ 3'–9"
42"	5.125'	2.449	129	0.263	4½"	5 @ 9'–3"	5 @ 6'–0"	18 @ 3'–9"	2 @ 2'–9"	7 @ 5'–9"	1 @ 3'–9"
48"	5.667'	2.890	140	0.340	5"	5 @ 10'–5"	5 @ 6'–7"	19 @ 3'–9"	2 @ 2'–9"	7 @ 6'–4"	1 @ 3'–9"
22" X 13"	2.542'	0.968	75	0.053	2½"	5 @ 4'–6"	5 @ 3'–3"	10 @ 3'–9"	2 @ 2'–9"	7 @ 3'–9"	1 @ 3'–9"
29" X 18"	3.000'	1.284	91	0.087	3"	5 @ 5'–8"	5 @ 3'–9"	13 @ 3'–9"	2 @ 2'–9"	7 @ 4'–5"	1 @ 3'–9"
36" X 23"	3.458'	1.631	102	0.129	3½"	5 @ 6'–10"	5 @ 4'–3"	14 @ 3'–9"	2 @ 2'–9"	7 @ 5'–1"	1 @ 3'–9"
44" X 27"	3.833'	2.007	111	0.185	4"	5 @ 8'–0"	5 @ 4'–8"	14 @ 3'–9"	2 @ 2'–9"	7 @ 5'–10"	1 @ 3'–9"
51" X 31"	4.208'	2.385	127	0.245	4½"	5 @ 9'–1"	5 @ 5'–1"	17 @ 3'–9"	2 @ 2'–9"	7 @ 6'–6"	1 @ 3'–9"
58" X 36"	4.667'	2.823	138	0.318	5"	5 @ 10'–3"	5 @ 5'–7"	18 @ 3'–9"	2 @ 2'–9"	7 @ 7'–2"	1 @ 3'–9"

NOTES:
1. NO PIPE OPENINGS HAVE BEEN DEDUCTED FROM QUANTITIES SHOWN ABOVE.
2. FOR EACH ADDITIONAL FOOT OF INLET HEIGHT, ADD 0.222 yd3 CLASS "B" CONCRETE AND 10 lbs. REINFORCING STEEL.
3. 2 BARS "C" AND 2 BARS "D" ARE REQUIRED PER EACH ADDITIONAL FOOT OF INLET HEIGHT. LENGTH OF BARS "B" AND BARS "U1" WILL INCREASE WITH ADDITIONAL HEIGHT.
4. WEIGHT OF FRAME CASTING = 306 lbs.
   WEIGHT OF GRATE = 180 lbs.

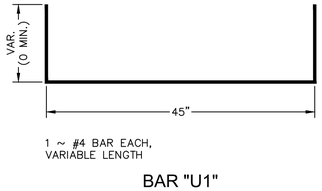


5 ~ #4 BARS,
[D (OR RISE) + D (OR SPAN) + 4T + 9"] LONG

BARS "A"

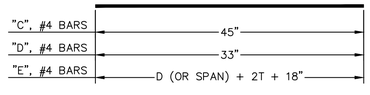
5 ~ #4 BARS,
[D (OR RISE) + 2T + 21"] LONG

BARS "B"

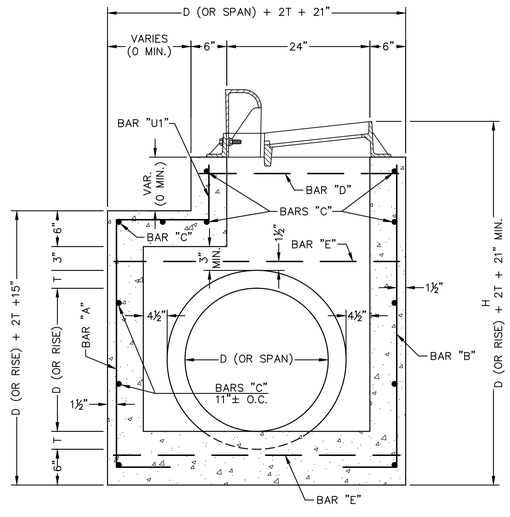


1 ~ #4 BAR EACH,
VARIABLE LENGTH

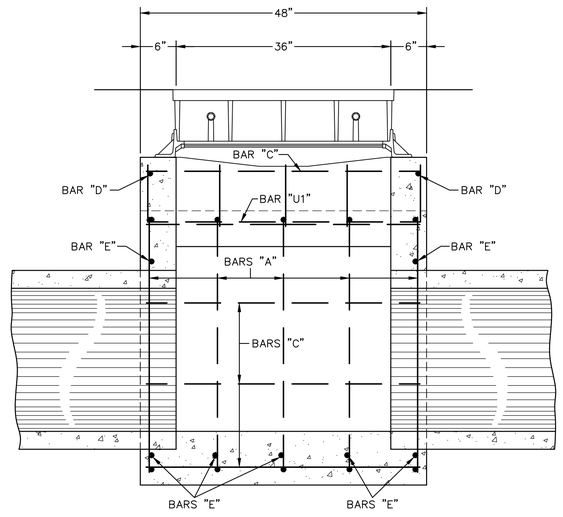
BAR "U1"



BARS "C", "D" & "E"



SECTION C-C



SECTION D-D

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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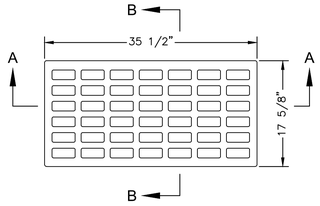
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

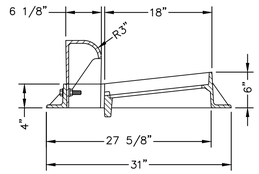
CURB INLET
SINGLE UNIT

WORKING NUMBER:	DRAWING NUMBER:
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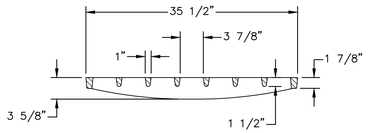
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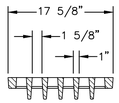
PLAN OF GRATE



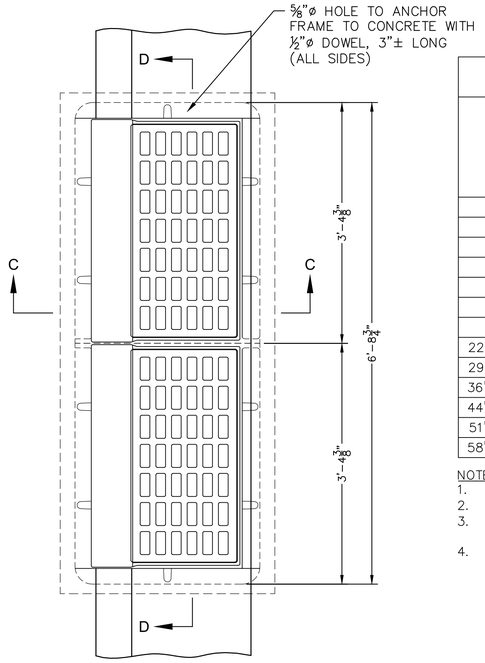
SECTION
(FRAME)



SECTION A-A
(GRATE)

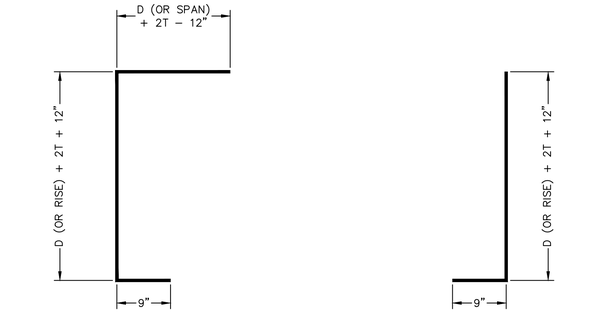


SECTION B-B
(GRATE)



QUANTITIES											
PIPE SIZE	MIN. DEPTH TO F.L.	MIN. DEPTH INLET		PIPE OPENING DEDUCTION (yd^3)	T	"A" / #4	"B" / #4	"C" / #4	"D" / #4	"E" / #4	"U1" / #4
		CONC. (yd^3)	STEEL (lbs.)			NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.
15"	2.708'	1.325	114	0.036	2"	8 @ 4'–0"	8 @ 3'–5"	10 @ 6'–9"	2 @ 2'–9"	10 @ 3'–1"	1 @ 6'–9"
18"	2.958'	1.591	121	0.053	2½"	8 @ 4'–7"	8 @ 3'–8"	10 @ 6'–9"	2 @ 2'–9"	10 @ 3'–5"	1 @ 6'–9"
24"	3.500'	2.067	143	0.091	3"	8 @ 5'–9"	8 @ 4'–3"	12 @ 6'–9"	2 @ 2'–9"	10 @ 4'–0"	1 @ 6'–9"
30"	4.042'	2.580	156	0.138	3½"	8 @ 6'–11"	8 @ 4'–10"	13 @ 6'–9"	2 @ 2'–9"	10 @ 4'–7"	1 @ 6'–9"
36"	4.584'	3.128	188	0.196	4"	8 @ 8'–1"	8 @ 5'–5"	16 @ 6'–9"	2 @ 2'–9"	10 @ 5'–2"	1 @ 6'–9"
42"	5.125'	3.713	210	0.263	4½"	8 @ 9'–3"	8 @ 6'–0"	18 @ 6'–9"	2 @ 2'–9"	10 @ 5'–9"	1 @ 6'–9"
48"	5.667'	4.334	228	0.340	5"	8 @ 10'–5"	8 @ 6'–7"	19 @ 6'–9"	2 @ 2'–9"	10 @ 6'–4"	1 @ 6'–9"
22" X 13"	2.542'	1.565	120	0.053	2½"	8 @ 4'–6"	8 @ 3'–3"	10 @ 6'–9"	2 @ 2'–9"	10 @ 3'–9"	1 @ 6'–9"
29" X 18"	3.000'	2.043	147	0.087	3"	8 @ 5'–8"	8 @ 3'–9"	13 @ 6'–9"	2 @ 2'–9"	10 @ 4'–5"	1 @ 6'–9"
36" X 23"	3.458'	2.559	165	0.129	3½"	8 @ 6'–10"	8 @ 4'–3"	14 @ 6'–9"	2 @ 2'–9"	10 @ 5'–1"	1 @ 6'–9"
44" X 27"	3.833'	3.112	178	0.185	4"	8 @ 8'–0"	8 @ 4'–8"	14 @ 6'–9"	2 @ 2'–9"	10 @ 5'–10"	1 @ 6'–9"
51" X 31"	4.208'	3.662	205	0.245	4½"	8 @ 9'–1"	8 @ 5'–1"	17 @ 6'–9"	2 @ 2'–9"	10 @ 6'–6"	1 @ 6'–9"
58" X 36"	4.667'	4.287	222	0.318	5"	8 @ 10'–3"	8 @ 5'–7"	18 @ 6'–9"	2 @ 2'–9"	10 @ 7'–2"	1 @ 6'–9"

NOTES:
1. NO PIPE OPENINGS HAVE BEEN DEDUCTED FROM QUANTITIES SHOWN ABOVE.
2. FOR EACH ADDITIONAL FOOT OF INLET HEIGHT, ADD 0.333 yd3 CLASS "B" CONCRETE AND 22 lbs. REINFORCING STEEL.
3. 2 BARS "C" AND 2 BARS "D" ARE REQUIRED PER EACH ADDITIONAL FOOT OF INLET HEIGHT. LENGTH OF BARS "B" AND BARS "U1" WILL INCREASE WITH ADDITIONAL HEIGHT.
4. WEIGHT OF FRAME CASTINGS = 631 lbs.
   WEIGHT OF GRATES = 360 lbs.

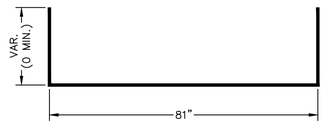


8 ~ #4 BARS,
[D (OR RISE) + D (OR SPAN) + 4T + 9"] LONG

BARS "A"

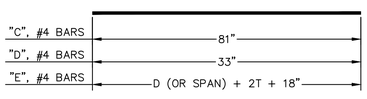
8 ~ #4 BARS,
[D (OR RISE) + 2T + 21"] LONG

BARS "B"

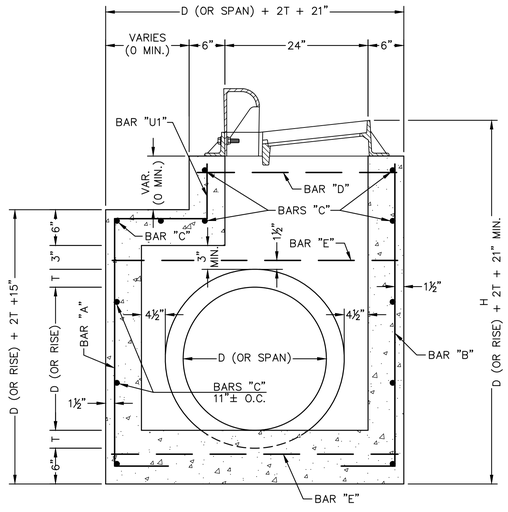


1 ~ #4 BAR EACH,
VARIABLE LENGTH

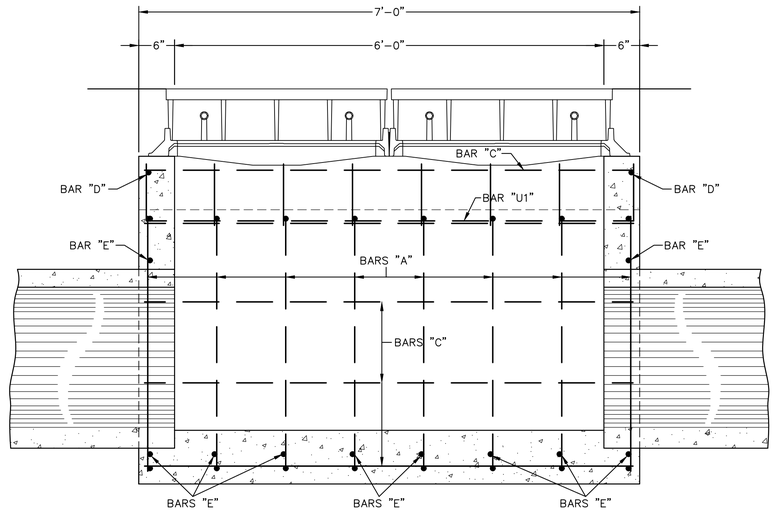
BAR "U1"



BARS "C", "D" & "E"



SECTION C-C



SECTION D-D

NOTICE TO DRAWING HOLDER

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REVISIONS			
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QA/QC:	DATE:

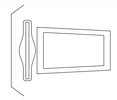
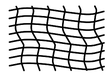
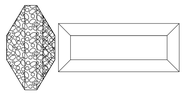
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL–SCHAFFER
Solutions you can build upon

CURB INLET
DOUBLE UNIT

WORKING NUMBER:	DRAWING NUMBER:
CI-2	38

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TYPE "D" SILT BASIN	
STABILIZED CONSTRUCTION ENTRANCE	
CONCRETE WASH-OUT	
INLET PROTECTION	
SILT FENCE	——SF——
TURBIDITY BARRIER	
SUPER SILT FENCE	——SSF——
EROSION CONTROL BLANKET	
WATTLE DITCH CHECK	
SILT FENCE DITCH CHECK	
ROCK DITCH CHECK	
SAND BAG DITCH CHECK	
ROCK DITCH CHECK (WITH SUMP EXCAVATION)	

EROSION AND SEDIMENT CONTROL PHASES:

INITIAL CONSTRUCTION – PHASE AS CLEARING BEGINS AND PRIOR TO ANY GRUBBING OR GRADING WORK.

INTERMEDIATE CONSTRUCTION PHASE – INSTALL BMP'S AS NEEDED WHERE WORK IN GRADED SECTIONS, DETOURS AND STRUCTURE CONSTRUCTION PROGRESSES.

FINAL CONSTRUCTION PHASE – INSTALL BMP'S AS NEEDED TO MAINTAIN FINAL GRADED SURFACES UNTIL PERMANENT EROSION CONTROL AND VEGETATION IS ESTABLISHED.

PHASING NOTES:

THE PHASING OF EROSION AND SEDIMENT CONTROL MEASURES AS DESCRIBED ABOVE AND SHOWN ON THE PLANS, IS NOT INTENDED TO DICTATE THE SEQUENCE OF CONSTRUCTION.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD ONLY BE IMPLEMENTED IN AREAS WHERE CONSTRUCTION IS ACTIVELY TAKING PLACE. IT IS EXPECTED THAT SOME AREAS OF THE PROJECT WILL HAVE NO BMP'S, WHILE OTHER AREAS MAY HAVE INITIAL, INTERMEDIATE AND/OR NO FINAL BMP'S, DEPENDING ON PROGRESS OF CONSTRUCTION.

BMP'S SHOWN IN THE PLANS FOR THE INITIAL PHASE ARE ONLY REQUIRED IN THE DRAINAGE AREA WHERE CLEARING ACTIVITIES ARE SCHEDULED TO OCCUR. ONCE THESE INITIAL BMP'S ARE ESTABLISHED, WORK CAN PROGRESS.

BMP'S SHOWN IN THE INTERMEDIATE PHASE SHOULD BE INSTALLED AS THE WORK PROGRESS IMPACTS THE AREA DURING CONSTUCTION.

UPON COMPLETION OF THE WORK, FINAL PHASE BMP'S SHOULD BE EMPLOYED AS REQUIRED UNTIL THE ERODIBLE SOIL HAS BEEN PROTECTED BY THE ESTABLISHMENT OF PERMANENT VEGETATION.

EROSION AND SEDIMENT CONTROL GENERAL NOTES:

1. FUEL TANKS SHALL NOT BE STORED ON RIGHT-OF-WAY. VEHICLES TRANSPORTING CHEMICALS, FERTILIZERS, ETC. SHALL NOT BE LEFT UNATTENDED ON RIGHT-OF-WAY.

2. MULCH FROM CLEARING OPERATIONS MAY BE STOCKPILED AND SPREAD (UNDER THE DIRECTION OF THE ENGINEER) ON SITE TO TEMPORARILY STABILIZE THE DISTURBED SOILS IN CLEARED AREAS. (NOT A SEPARATE PAY ITEM)

3. LARGE PARTICLE MULCH MAY BE LINEARLY PILED TO ACT AS A TEMPORARY SEDIMENTATION/EROSION BARRIER AT THE TOE OF SLOPES (SIMILAR TO THE TEMPORARY BRUSH BARRIER DETAIL ON WKG. NO. ECD-2). COST TO BE ABSORBED IN OTHER ITEMS OF WORK.

4. AVOID REMOVAL OR DISTURBANCE OF ESTABLISHED VEGETATION OUTSIDE OF SLOPE STAKES.

5. STABILIZED CONSTRUCTION ENTRANCES AND CONCRETE WASHOUT AREA LOCATIONS ARE APPROXIMATE. LOCATIONS MAY BE MOVED AT THE DISCRETION OF THE CONTRACTOR AND APPROVAL OF THE ENGINEER.

6. FLOCCULANTS SHOULD BE APPLIED TO WATTLE DITCH CHECKS, ROCK DITCH CHECKS AND IN DITCHES PRIOR TO SILT BASINS. ALL FLOCCULANTS ARE TO BE APPLIED IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN FOR THE PROJECT AND THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY LARGE CONSTRUCTION GENERAL PERMIT (SPECIFICALLY P. 17, ACT 5, CONDITION T-11 AND P. 25, ACT 8, CONTITION T-1) AS ISSUED JANUARY 13, 2017.

7. THE TEMPORARY STREAM DIVERSIONS SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR DESIGN THAT WILL ALLOW EXISTING STREAM FLOW TO ADEQUATELY PASS THROUGH THE CONSTRUCTION AREA. (REF.: WKG. NO. ECD-19)

8. EXPOSED ERODABLE SOIL FROM THE EXCAVATION OF SLOPES AND DEMOLITION OF WING WALL, PARAPET WALLS AND HEADWALLS SHALL BE COVERED WITH EROSION CONTROL BLANKET, TYPE II, BY THE END OF THE WORK DAY OR BEFORE A RAINFALL EVENT, WHICHEVER OCCURS FIRST.

NOTICE TO DRAWING HOLDER

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REVISIONS				DRAWING INFORMATION	
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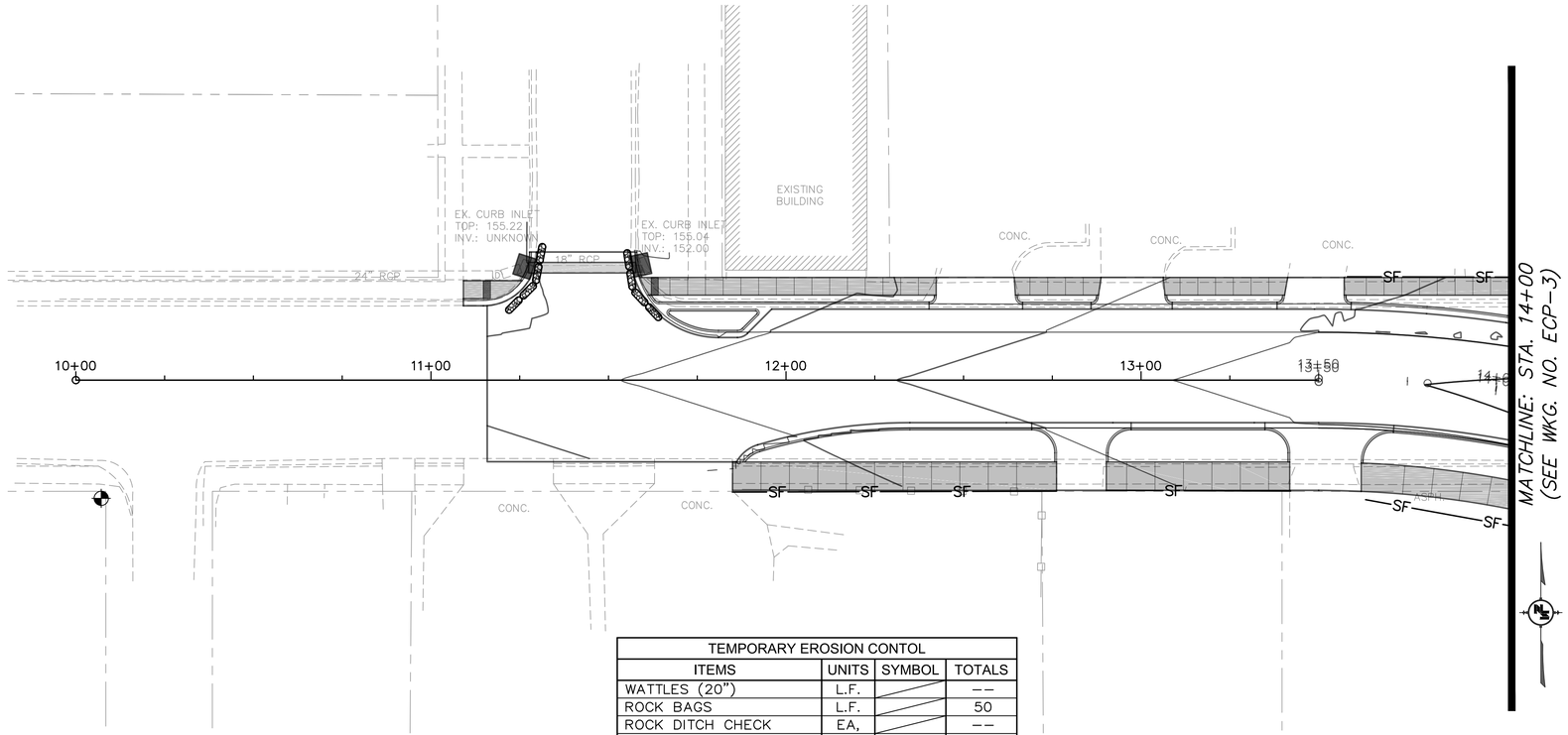
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

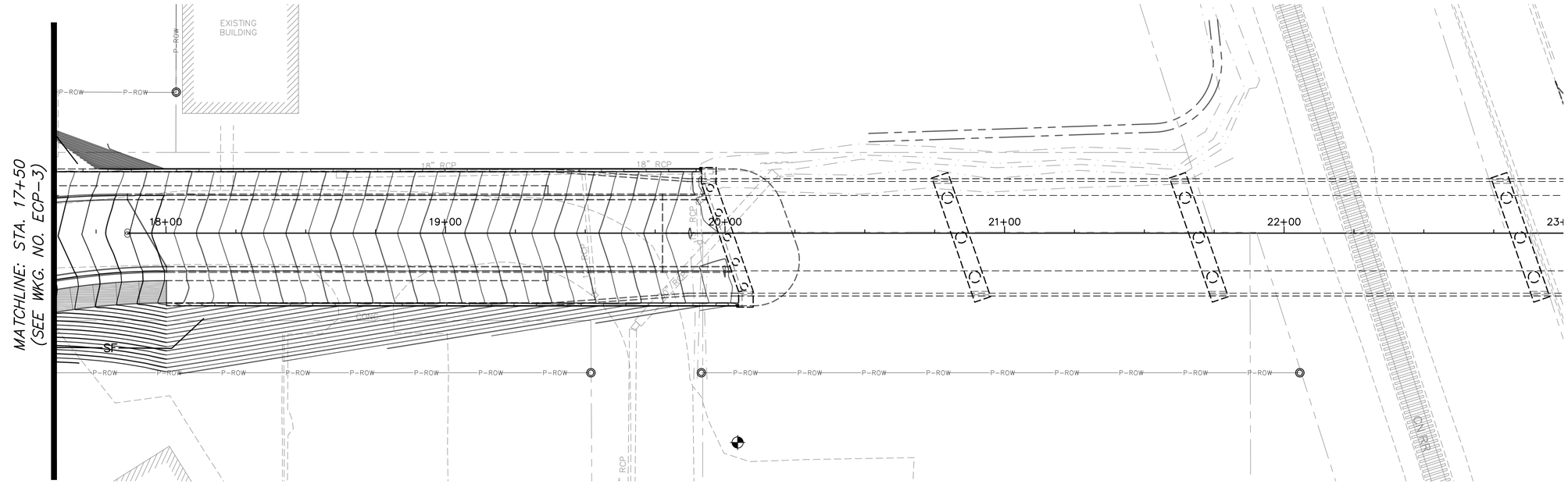
EROSION AND SEDIMENT CONTROL PLAN
NOTES AND LEGEND

WORKING NUMBER:	DRAWING NUMBER:
ECP-1	39

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TEMPORARY EROSION CONTOL			
ITEMS	UNITS	SYMBOL	TOTALS
WATTLES (20")	L.F.		--
ROCK BAGS	L.F.		50
ROCK DITCH CHECK	EA,		--
SILT FENCE	L.F.	SF	275
SUPER SILT FENCE	L.F.	SSF	--
INLET SILTATION GUARD	EA.		--



GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

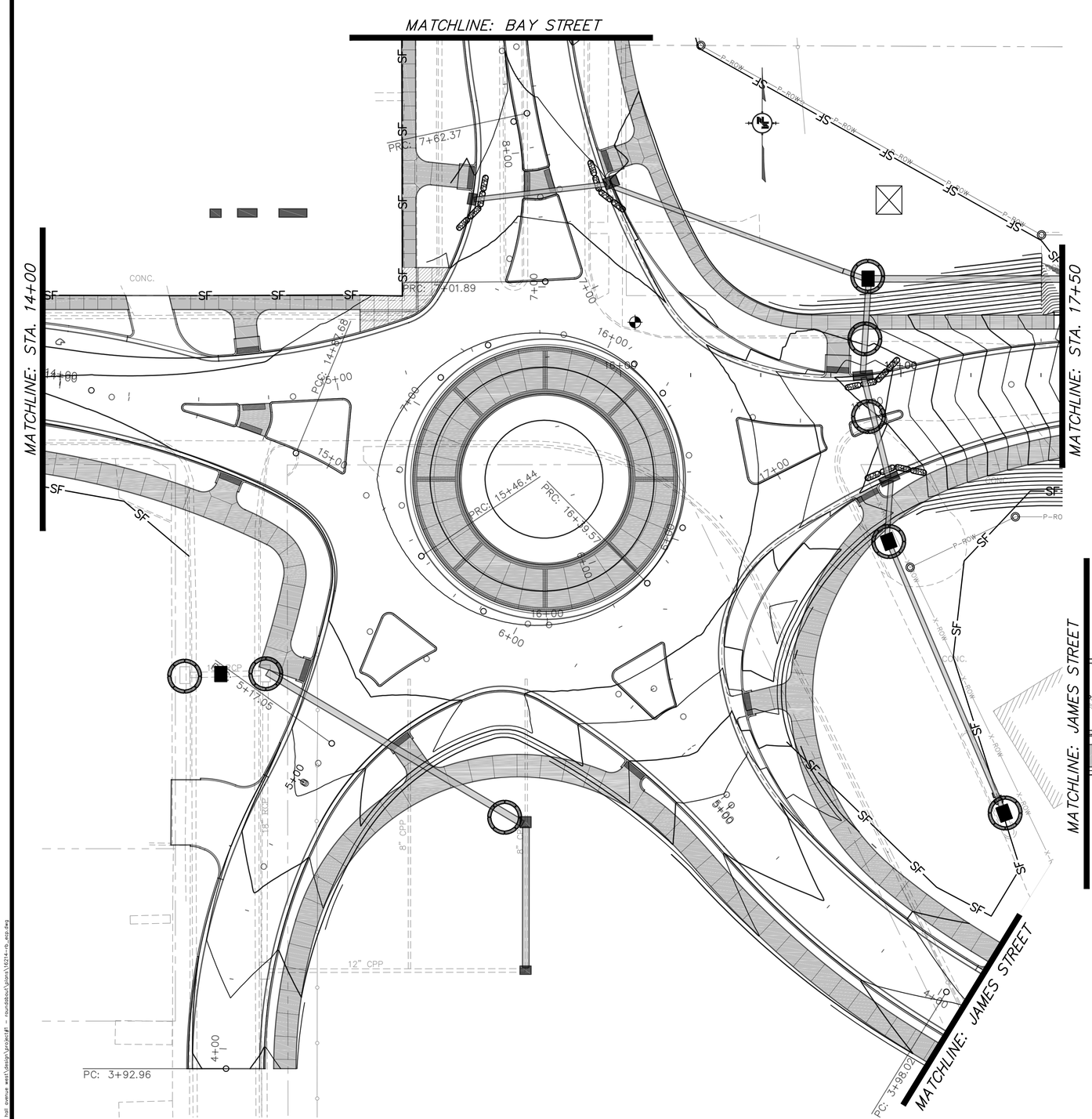
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

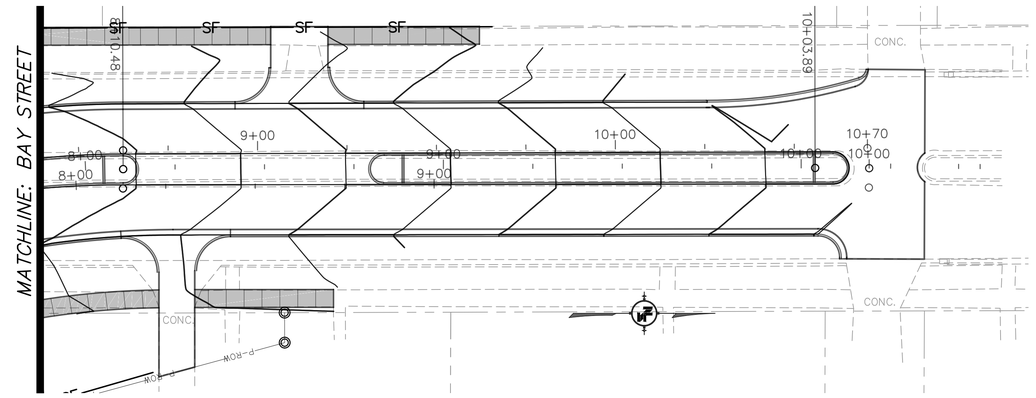
NEEL-SCHAFFER
Solutions you can build upon

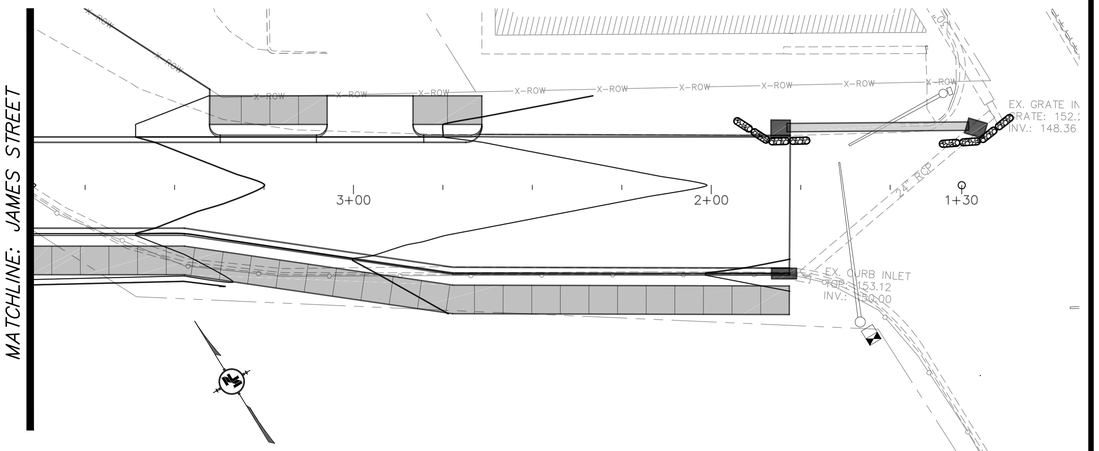
EROSION AND SEDIMENT CONTROL PLAN
HALL AVE. B.O.P. TO STA. 14+00
AND STA. 17+50 TO E.O.P.

WORKING NUMBER:	DRAWING NUMBER:
ECP-2	40

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TEMPORARY EROSION CONTOL			
ITEMS	UNITS	SYMBOL	TOTALS
WATTLES (20")	L.F.		300
ROCKBAGS	L.F.		150
ROCK DITCH CHECK	EA,		--
SILT FENCE	L.F.	SF	810
SUPER SILT FENCE	L.F.	SSF	--
INLET SILTATION GUARD	EA.		--

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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REVISIONS			
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DSGN: GPC	DATE: 07/2021
DRWN: JPF	DATE: 07/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

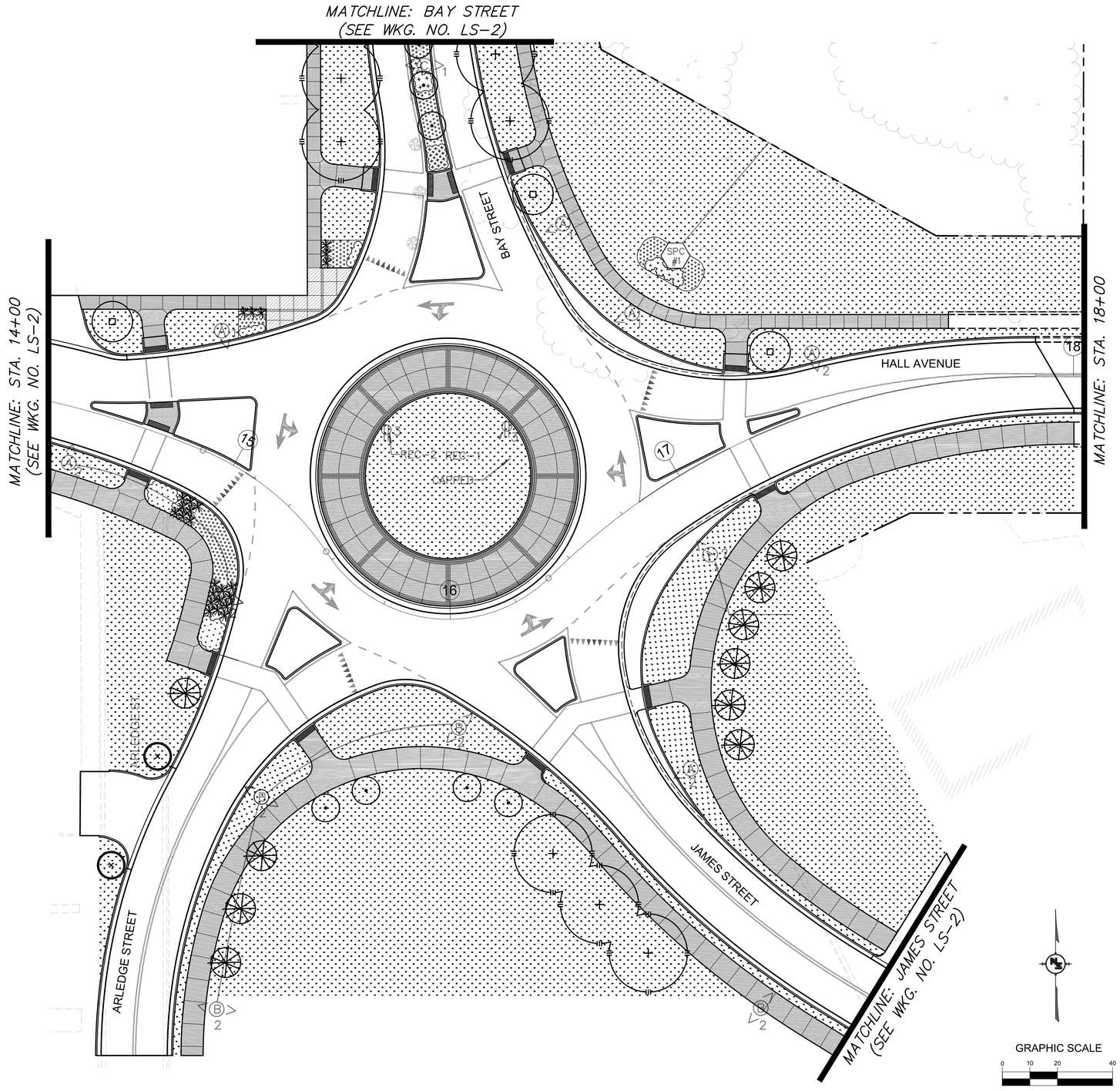
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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EROSION AND SEDIMENT CONTROL PLAN
ROUNDABOUT AND
JAMES ST. / ARLEDGE ST. / BAY ST.

WORKING NUMBER:	DRAWING NUMBER:
ECP-3	41

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PLANT LEGEND

- WILLOW OAK (30 GAL) 35' SPACING
- CHINESE ELM (30 GAL) 25' SPACING
- SWEETBAY MAGNOLIA (15 GAL) 12' SPACING - 15'H / 15' W
- 'LITTLE GEM' MAGNOLIA (15 GAL) 10' SPACING - 18' H / 10'W
- CRAPE MYRTLE, 'WATERMELON RED' (30 GAL) 15' SPACING - 25'H / 25'W
- NELLIE R. STEVENS HOLLY (STD.) (15 GAL) 8' SPACING - 20'H / 10' W
- BLUE CASCADE DISTYLIUM (3 GAL) 36" SPACING - 3'H / 3' W
- PURPLE PIXIE LOROPETALUM (3 GAL) 36" SPACING - 12"H / 4'W
- DRIFT ROSE 'PEACH' (3 GAL) 24" SPACING - 30" H / 30' W
- GIANT LIRIOPE (1 GAL) 24" SPACING - 3' H / 3' W
- GLOSSY ABELIA 'KALEIDOSCOPE' (3 GAL) 36" SPACING - 3'H / 4'W
- PARSONS JUNIPER (1 GAL) 36" O.C. SPACING - 3'H /3'W
- SOLID SOD, CENTIPEDE

GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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DRWN: DAL	DATE: 08/2021
CHKD: DAL	DATE: 10/2021
QA/QC: RPB	DATE: 10/2021

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

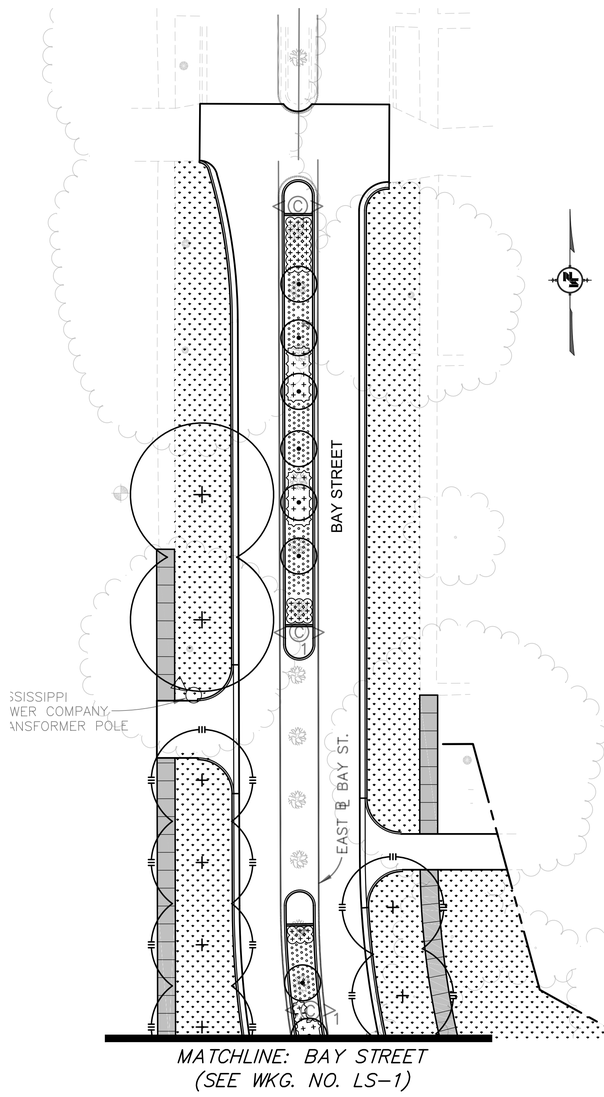
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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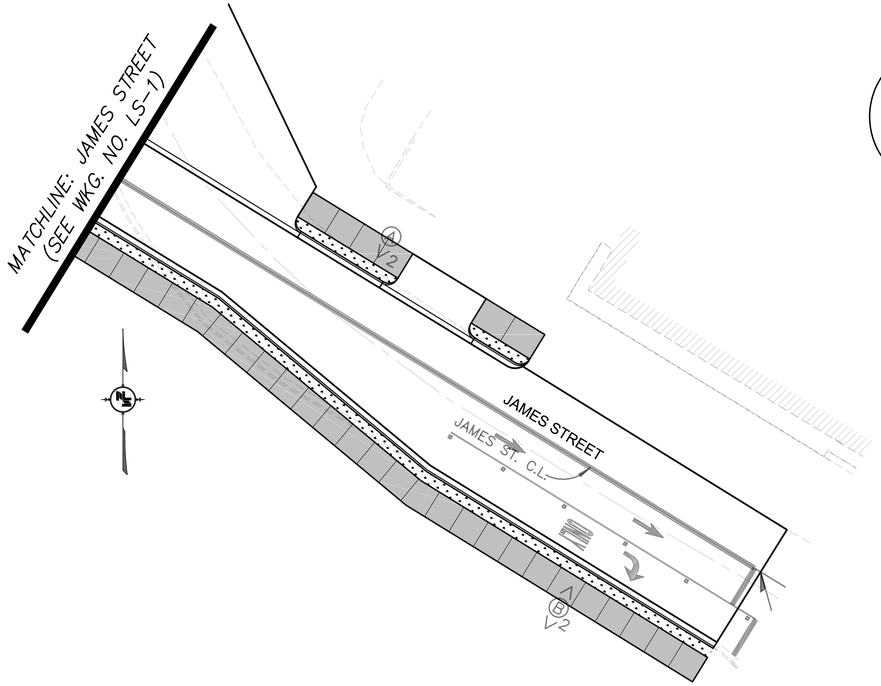
LANDSCAPE PLAN
ROUNDABOUT AND ARLEDGE ST.

WORKING NUMBER:	DRAWING NUMBER:
LS-1	42

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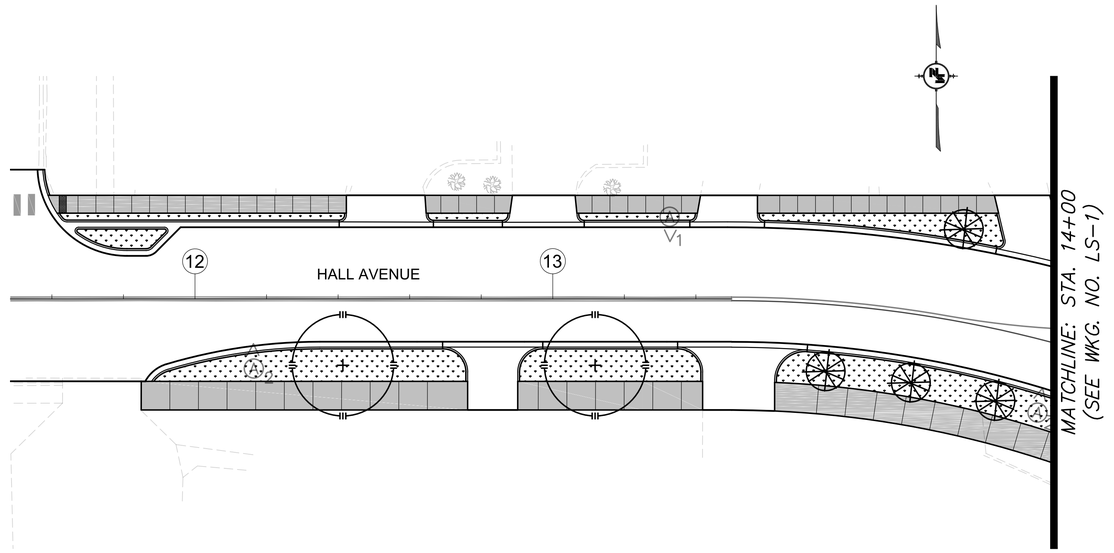


MATCHLINE: BAY STREET
(SEE WKG. NO. LS-1)



PLANT LEGEND

- WILLOW OAK (30 GAL) 35' SPACING
- CHINESE ELM (30 GAL) 25' SPACING
- SWEETBAY MAGNOLIA (15 GAL) 12' SPACING - 15'H / 15' W
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- PARSONS JUNIPER (1 GAL) 36" O.C. SPACING - 3'H /3'W
- SOLID SOD, CENTIPEDE



GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

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REVISIONS			
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QA/QC: RPB	DATE: 10/2021

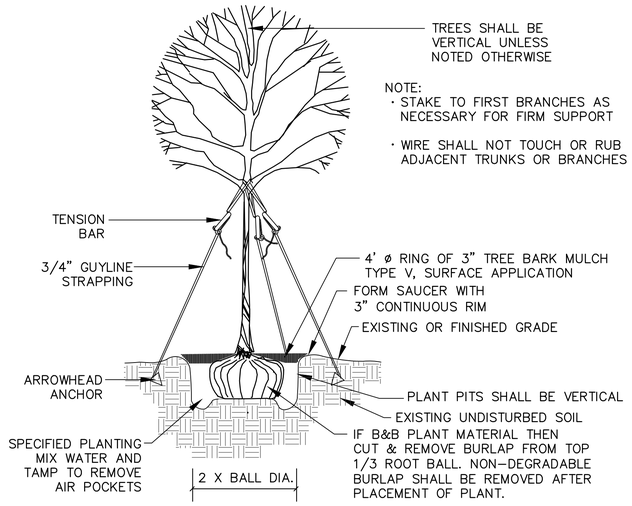
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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LANDSCAPE PLAN
BAY ST. / HALL AVE. / JAMES ST.

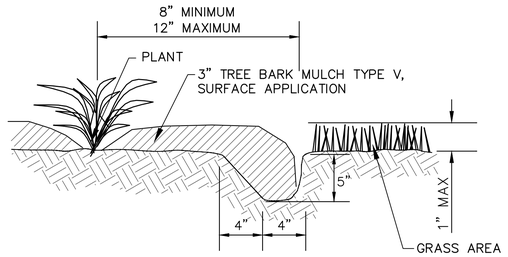
WORKING NUMBER:	DRAWING NUMBER:
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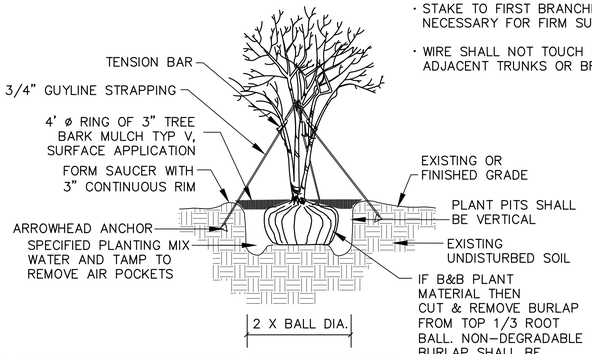
TYPICAL SINGLE-TRUNK TREE PLANTING DETAIL

NOT TO SCALE



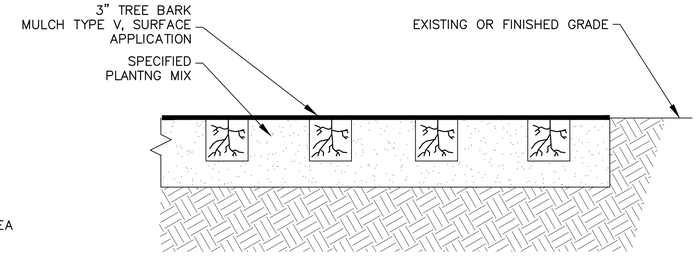
BED EDGING DETAIL

NOT TO SCALE



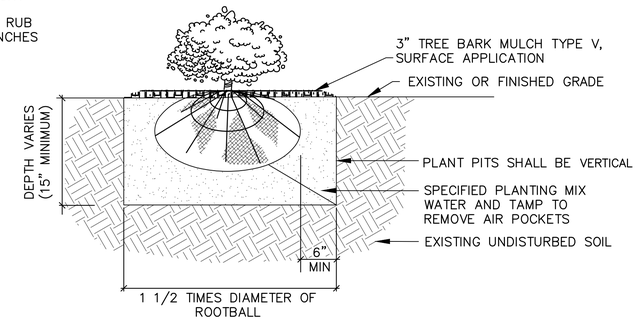
TYPICAL MULTI-TRUNK TREE PLANTING DETAIL

NOT TO SCALE



TYPICAL GROUNDCOVER PLANTING DETAIL

NOT TO SCALE



TYPICAL SHRUB PLANTING DETAIL

NOT TO SCALE

LANDSCAPE QUANTITIES & VEGETATION SCHEDULE

LANDSCAPE ITEMS		QTY	SIZE/UNIT	SEASONAL APPLICATIONS–DATES & RATES				REQUIREMENTS
				SPRING & SUMMER		FALL & WINTER		
PAY ITEM NO.	ITEMS			RATES	DATES	RATES	DATES	
211–B001	TOPSOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED	690	CU. YD.	PER CU.YD.	NOT APPLICABLE	PER CU.YD.	NOT APPLICABLE	4" MIN. DEPTH, APPLIED TO AREAS TO RECEIVE SOLID SODDING, CENTIPEDE
211–C001	TOPSOIL FOR PLANT HOLES, CONTRACTOR FURNISHED	115	CU. YD.	PER CU.YD.	NOT APPLICABLE	PER CU.YD.	NOT APPLICABLE	24" IN MEDIAN AREAS (100 CY), 3" DEPTH IN OTHER BED PREP AREAS (10 CY), 0.1 CY MIXED INTO BACKFILL FOR TREES NOT IN BED PREP AREA (5 CY), SOIL BROUGHT TO SITE MUST BE STERILE AND WEED SEED FREE
ABSORBED	STANDARD GROUND PREPARATION	6,200	SQ. YD.	PER SQ.YD.	NOT APPLICABLE	PER SQ.YD.	NOT APPLICABLE	APPLIED TO AREAS TO RECEIVE SOLID SODDING, CENTIPEDE
216–B001	SOLID SODDING, CENTIPEDE	6,200	SQ. YD.	PER SQ.YD.	MARCH 1 TO SEPTEMBER 30	NOT APPLICABLE	NOT APPLICABLE	SOD CERTIFICATE REQUIRED TO BE APPROVED BY ENGINEER IN ADVANCE
219–A001	WATERING	100	K GAL	AS REQUIRED	NOT APPLICABLE	AS REQUIRED	NOT APPLICABLE	CONTRACTOR IS RESPONSIBLE FOR ALL WATERING & MAINTENANCE DURING THE CONSTRUCTION (SEE SPECIFICATIONS)
230–A051	SHRUB PLANTING, GIANT LIRIOPE	42	1 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT
230–A094	SHRUB PLANTING, NELLIE R. STEVENS HOLLY	2	15 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT; SINGLE STRAIGHT TRUNK/TREE FORM(STANDARD); FULL CANOPY; 4' CLEAR TRUNK
230–A100	SHRUB PLANTING, PARSONS JUNIPER	515	1 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT
230–A107	SHRUB PLANTING, 'PURPLE PIXIE' LOROPETALUM	26	3 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT
L00076: 230–A	SHRUB PLANTING, BLUE CASCADE DISTYLIUM	25	3 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT
L00076: 230–A	SHRUB PLANTING, DRIFT ROSE 'PEACH'	48	3 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT
L00076: 230–A	SHRUB PLANTING, GLOSSY ABELIA 'KALEIDOSCOPE'	6	3 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT
230–B027	TREE PLANTING, CRAPE MYRTLE 'WATERMELON RED'	12	30 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT; MULTI–TRUNK (3 OR 5 CANES)/TREE FORM; FULL CANOPY; 4' CLEAR TRUNK
230–B049	TREE PLANTING, LITTLE GEM MAGNOLIA	14	15 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT; SINGLE STRAIGHT TRUNK/TREE FORM; FULL CANOPY
230–B082	TREE PLANTING, SWEETBAY MAGNOLIA	3	15 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT; MULTI–TRUNK/TREE FORM; FULL CANOPY;
230–B095	TREE PLANTING, WILLOW OAK	2	30 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT; SINGLE STRAIGHT TRUNK/TREE FORM; FULL CANOPY; 4' CLEAR TRUNK
L00011: 230–B	TREE PLANTING, CHINESE ELM	13	30 GALLON	EACH	UPON REQUEST BY ENGINEER	EACH	UPON REQUEST BY ENGINEER	FULL & HEALTHY PLANT; SINGLE STRAIGHT TRUNK/TREE FORM; FULL CANOPY; 4' CLEAR TRUNK
230–D001	BED PREPARATION	2,500	SQ. FT.	PER SQ. FT.	NOT APPLICABLE	PER SQ. FT.	NOT APPLICABLE	APPLIED TO AREAS AS NOTED IN THE PLANS TO RECEIVE SHRUB PLANTING, ADD TREE BARK MULCH TYPE III & ROTO–TILL INTO EXISTING SOIL TO A MIN. DEPTH OF 6"
232–A002	FERTILIZER FOR WOODY PLANT MATERIAL, TABLET, 21 GRAM	1	K	PER K	NOT APPLICABLE	PER K	NOT APPLICABLE	4 PER 15/30 GAL (236); 2 PER 3 GAL (210); 1 PER 1 GAL (557)
233–A003	TREE BARK MULCH, TYPE III	25	CU. YD.	PER CU.YD.	NOT APPLICABLE	PER CU.YD.	NOT APPLICABLE	2" DEPTH PLACED & ROTO–TILLED INTO BED PREP AREAS; 0.1 CY FOR EACH TREE NOT IN BED PREP AREA (BACKFILL)
233–A005	TREE BARK MULCH, TYPE V	30	CU. YD.	PER CU.YD.	NOT APPLICABLE	PER CU.YD.	NOT APPLICABLE	3" DEPTH SURFACE APPLICATION IN BED PREP AREA; 0.1 CY FOR EACH TREE NOT IN BED PREP AREA
ABSORBED	MOISTURE ABSORBANT CRYSTALS	850	OZ	AS REQUIRED	UPON REQUEST BY ENGINEER	AS REQUIRED	UPON REQUEST BY ENGINEER	6 OZ PER 30 GAL(102), 2 OZ PER 15 GAL(84); 1 OZ PER 3/1 GAL(662); COST ABSORBED IN TREE & SHRUB ITEMS
ABSORBED	SELECTIVE, PRE–EMERGENCE HERBICIDE	12	LB.	AS REQUIRED	UPON REQUEST BY ENGINEER	AS REQUIRED	UPON REQUEST BY ENGINEER	2 GRAM PER SQUARE FEET OF BED PREPARATION AREA (5,000); COST ABSORBED IN BED PREP PAY ITEM
ABSORBED	SOIL TEST	1						REQUIRED TO BE SUBMITTED IN ADVANCE OF ALL LANDSCAPE CONSTRUCTION ITEMS (ABSORBED IN BED PREP)

ALL PLANT MATERIAL SHALL MEET THE MINIMUM STANDARDS FOR SPECIFIED CONTAINER SIZE AS DETERMINED BY THE AMERICAN STANDARD FOR NURSERY STOCK.

WEED CONTROL SCHEDULE (SUGGESTED SPRAY SCHEDULE):

INITIAL APPLICATION – PRE EMERGENT HERBICIDE REQ'D AT TIME OF PLANTING. (SURFLAND, BARRACADE, SNAPSHOT, OR APPROVED EQUAL) USE AS DIRECTED PER MANUFACTURERS RECOMMENDATIONS

DURATION OF CONTRACTOR GROWTH AND COVERAGE PERIOD – AS NEEDED SPRAYINGS (EVERY TWO WEEKS MIN.) OF POST EMERGENT HERBICIDE ARE REQUIRED DURING MAINTENANCE PERIOD IF DEEMED NECESSARY BY LANDSCAPE ARCHITECT, AFTER WEED CONTROL ASSESSMENT REVIEW

AS NEEDED SPRAY APPLICATIONS – (IMAGE, CERTAINTY, GOAL, OR APPROVED EQUAL) USE AS DIRECTED PER MANUFACTURERS RECOMMENDATIONS.

WEED CONTROL NOTES:

1. CONTRACTOR TO PERFORM ON SITE WEED CONTROL ASSESSMENTS EVERY TWO WEEKS (AT A MINUMUM) DURING THE DURATION OF THE GROWTH AND COVERAGE PERIOD.
2. CONTRACTOR TO SUBMIT FINDINGS OF WEED CONTROL ASSESSMENTS BACK TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL.
3. IF ASSESSMENT FINDS THE PRESENCE OF UNWANTED WEEDS, CONTRACTOR TO FORMULATE AND SUBMIT SPRAY SCHEDULE TO LANDSCAPE ARCHITECT IN ACCORDANCE WITH SUGGESTED SPRAY SCHEDULE (SEE THIS SHEET).
4. CONTRACTOR IS RESPONSIBLE FOR RESEARCHING AND BEING FAMILIAR WITH HERBICIDE PRODUCTS AND POTENTIAL RISKS.
5. FOR ADDITIONAL REQUIREMENTS SEE SECTION 230.03.14 WITH REGARDS TO PLANT ESTABLISHMENT
6. ALL POST PLANTING WEED CONTROL ACTIVITIES PERFORMED BY CONTRACTOR TO BE ABSORBED INTO OTHER ITEMS.

NOTICE TO DRAWING HOLDER

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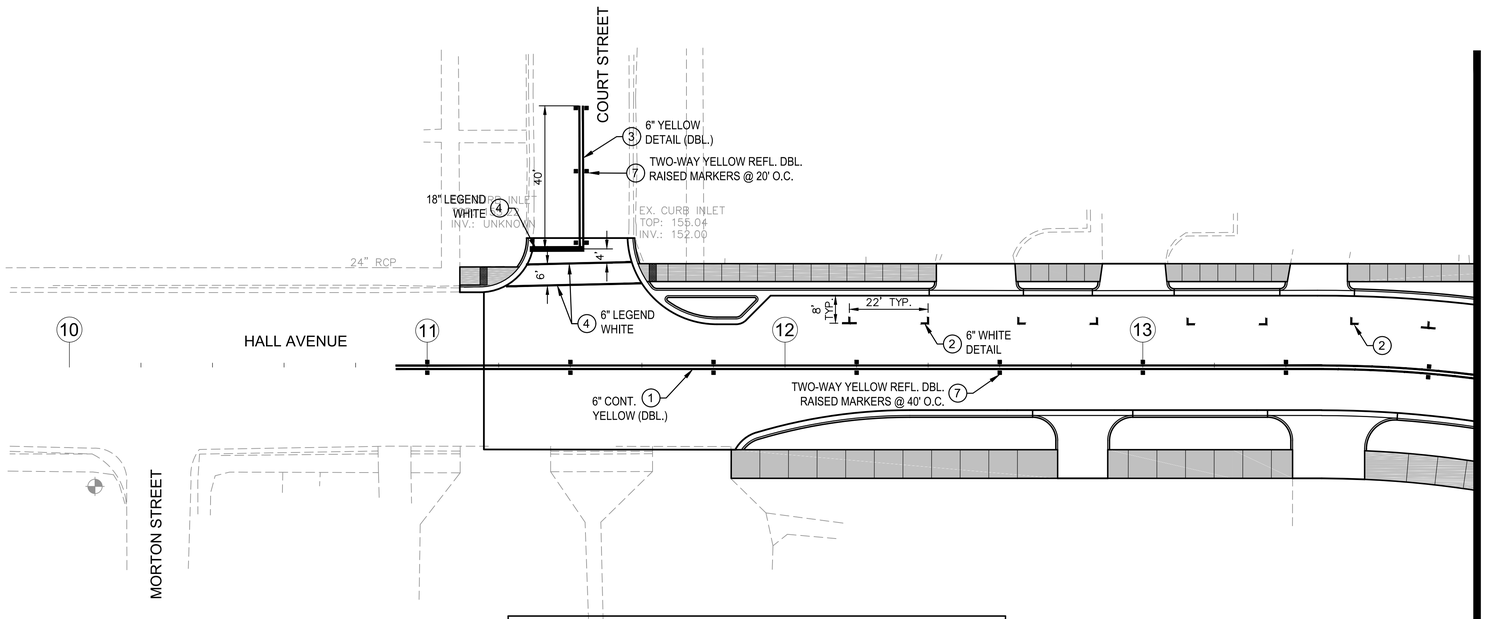
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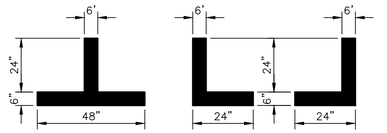
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LANDSCAPE DETAILS & VEGETATION SCHEDULE

WORKING NUMBER:	DRAWING NUMBER:
LS-3	44

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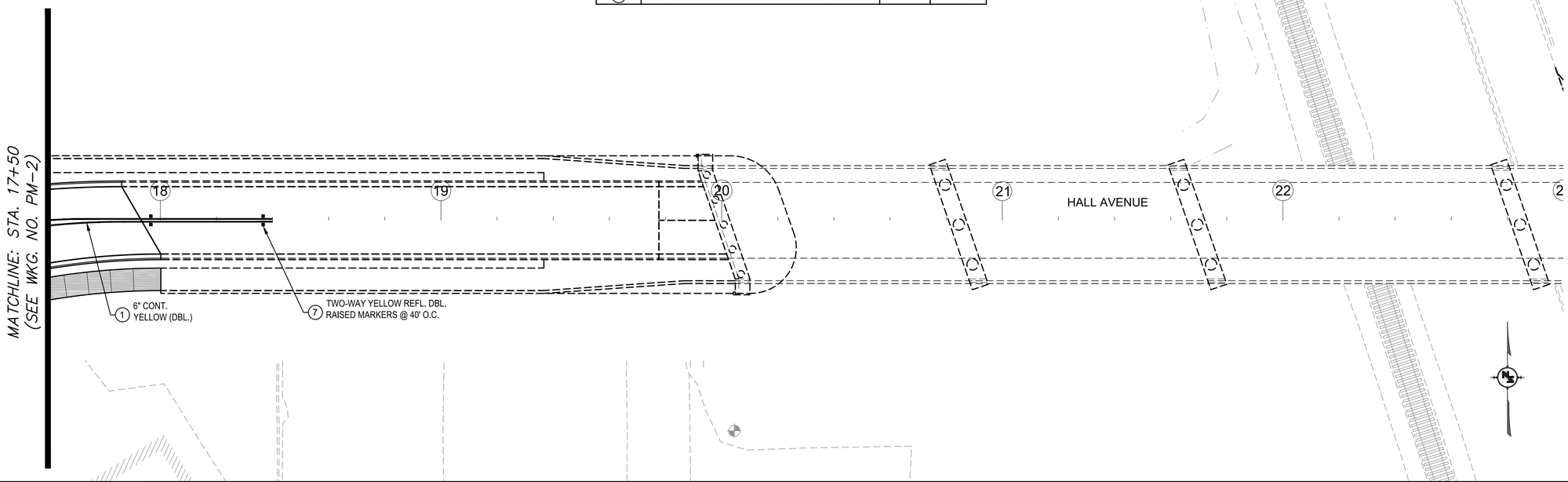


PARKING STALL LINES SHALL BE PAID FOR AS DETAIL (WHITE) PER LINEAR FOOT (6" EQUIVALENT LENGTH)

DETAIL - PARKING STALL LINES

NOT TO SCALE

PAVEMENT MARKING			
SYMBOL	DESCRIPTION	TYPE	QUANTITY
1	6" TRAFFIC STRIPE (CONTINUOUS YELLOW)	PLASTIC	812
2	DETAIL STRIPE (WHITE) (6" EQ. LENGTH)	PLASTIC	36
3	DETAIL STRIPE (YELLOW) (6" EQ. LENGTH)	PLASTIC	80
4	LEGEND (WHITE) (LIN. FT.) (6" EQ. LENGTH)	PLASTIC	113
5	LEGEND (WHITE) (SQ. FT.)	PLASTIC	--
6	RED-CLEAR REFLECTIVE RAISED MARKERS	--	--
7	TWO-WAY YELLOW REFLEC. RAISED MARKER	--	26



GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 inch = 20 feet

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				DSGN: GPC	DATE: 07/2021
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				QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
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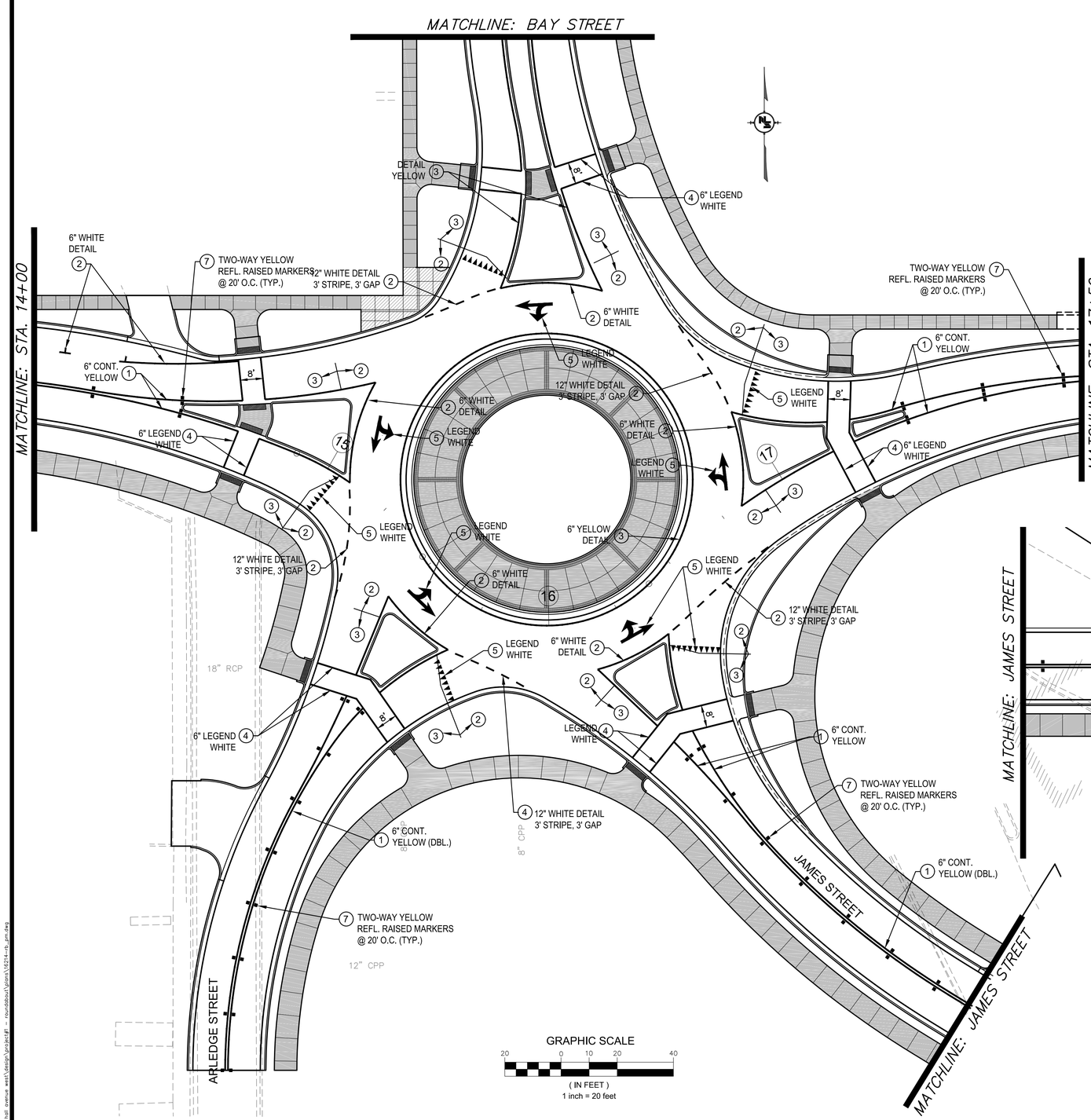
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

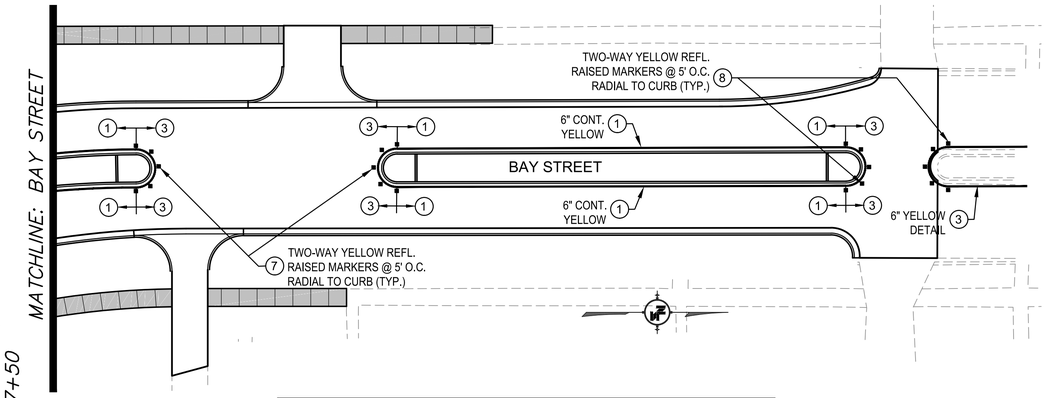
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PAVEMENT MARKINGS
HALL AVE. B.O.P. TO STA. 14+00
AND STA. 17+50 TO STA. 18+50

WORKING NUMBER:	DRAWING NUMBER:
PM-1	45

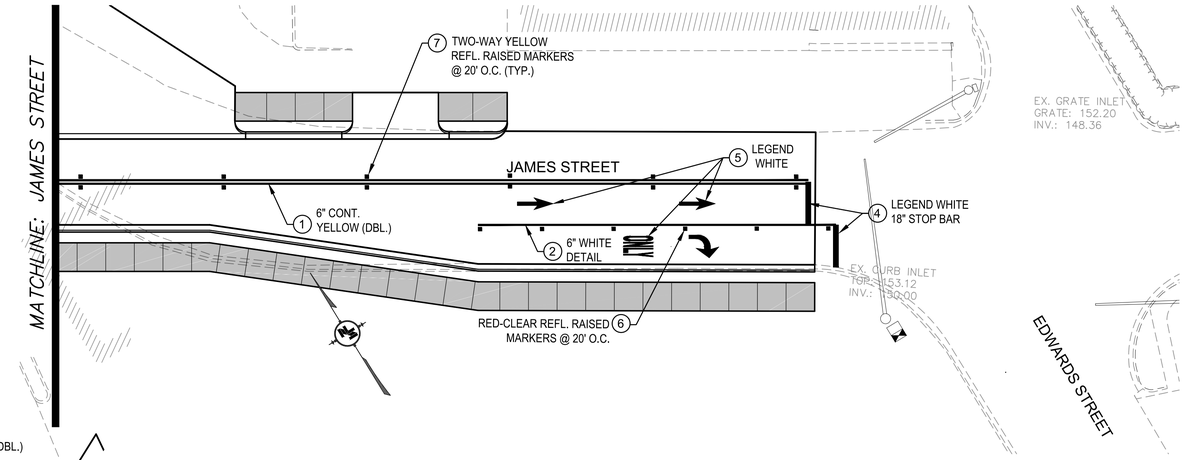
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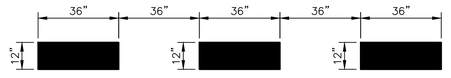




PAVEMENT MARKING

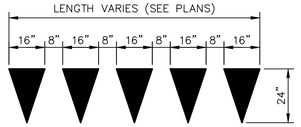
SYMBOL	DESCRIPTION	TYPE	QUANTITY
1	6" TRAFFIC STRIPE (CONTINUOUS YELLOW)	PLASTIC	1632
2	DETAIL STRIPE (WHITE) (6" EQ. LENGTH)	PLASTIC	767
3	DETAIL STRIPE (YELLOW) (6" EQ. LENGTH)	PLASTIC	616
4	LEGEND (WHITE) (LIN. FT.) (6" EQ. LENGTH)	PLASTIC	427
5	LEGEND (WHITE) (SQ. FT.)	PLASTIC	245
6	RED-CLEAR REFLECTIVE RAISED MARKERS	--	6
7	TWO-WAY YELLOW REFLEC. RAISED MARKER	--	83





WIDE DOTTED ENTRY LINE SHALL BE PAID FOR AS DETAIL (WHITE) PER LINEAR FOOT (6" EQUIVALENT LENGTH)

DETAIL - WIDE DOTTED ENTRY LINE
NOT TO SCALE



YIELD LINE PAVEMENT MARKINGS SHALL BE PAID FOR AS LEGEND (WHITE) PER SQUARE FOOT

DETAIL - YIELD LINE PAVEMENT MARKING
NOT TO SCALE

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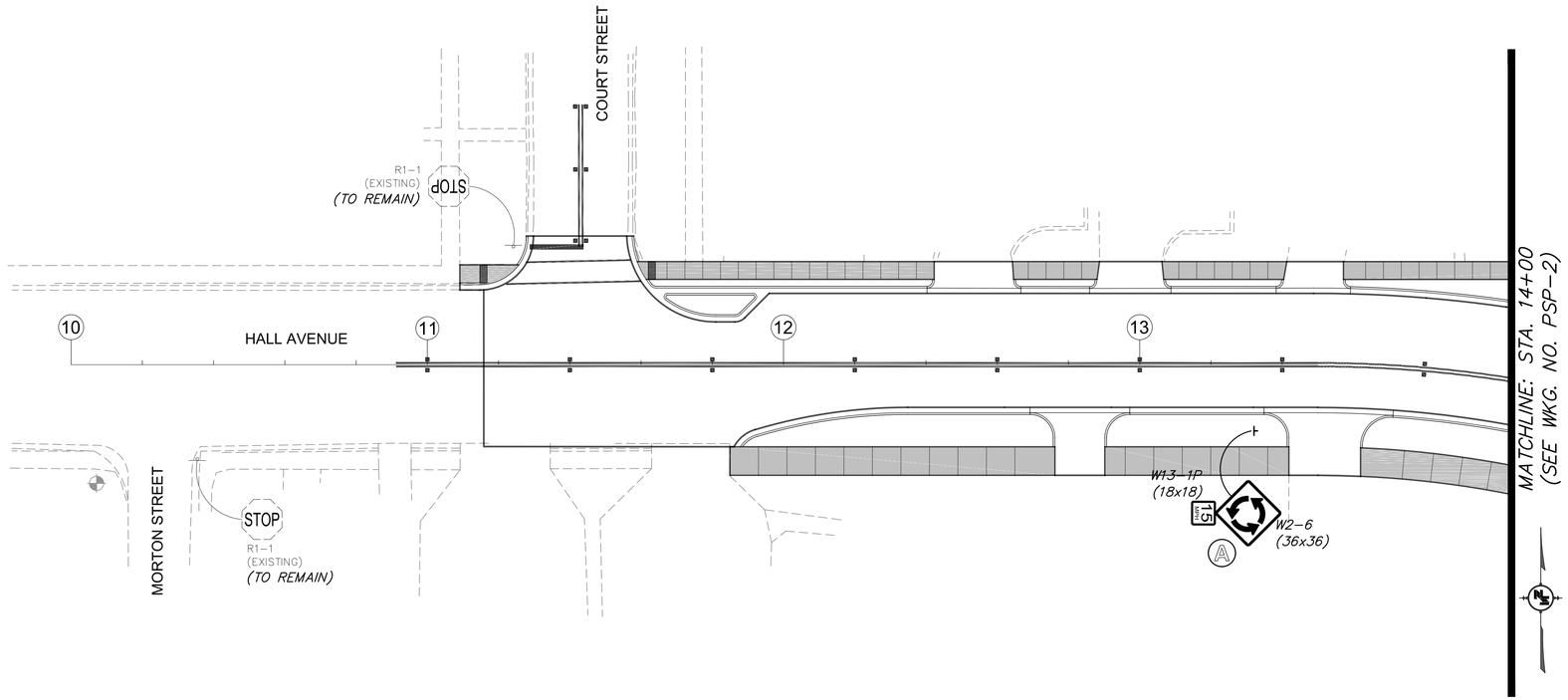
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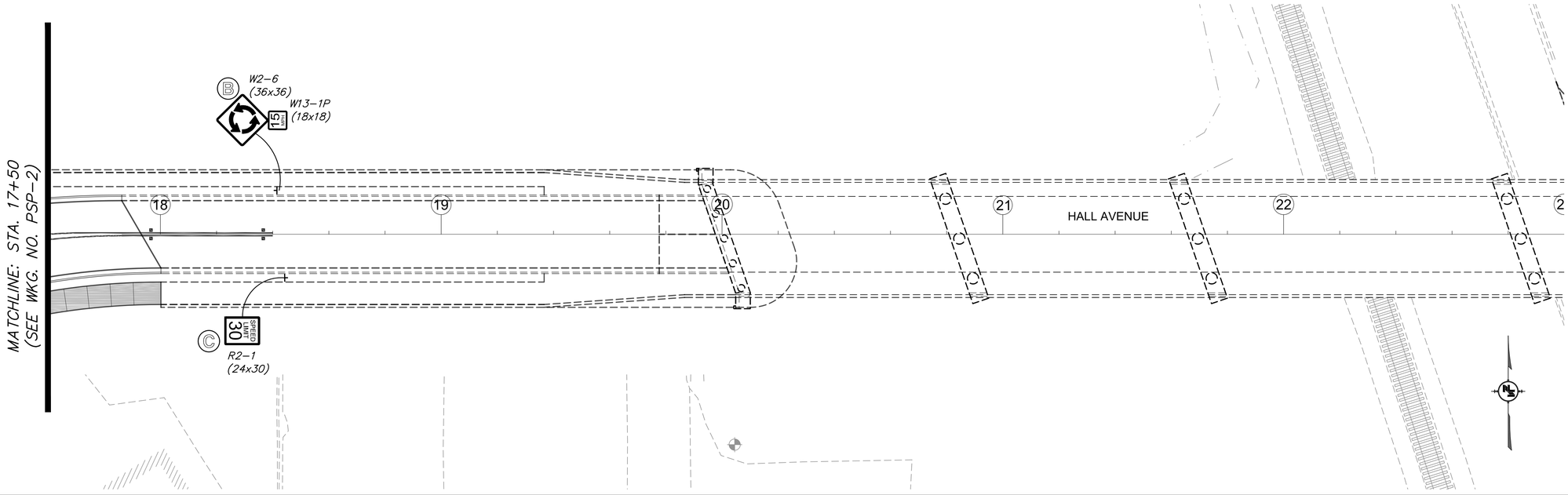
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PAVEMENT MARKINGS
ROUNDABOUT AND
JAMES ST. / ARLEDGE ST. / BAY ST.

WORKING NUMBER:	DRAWING NUMBER:
PM-2	46

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GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 inch = 20 feet

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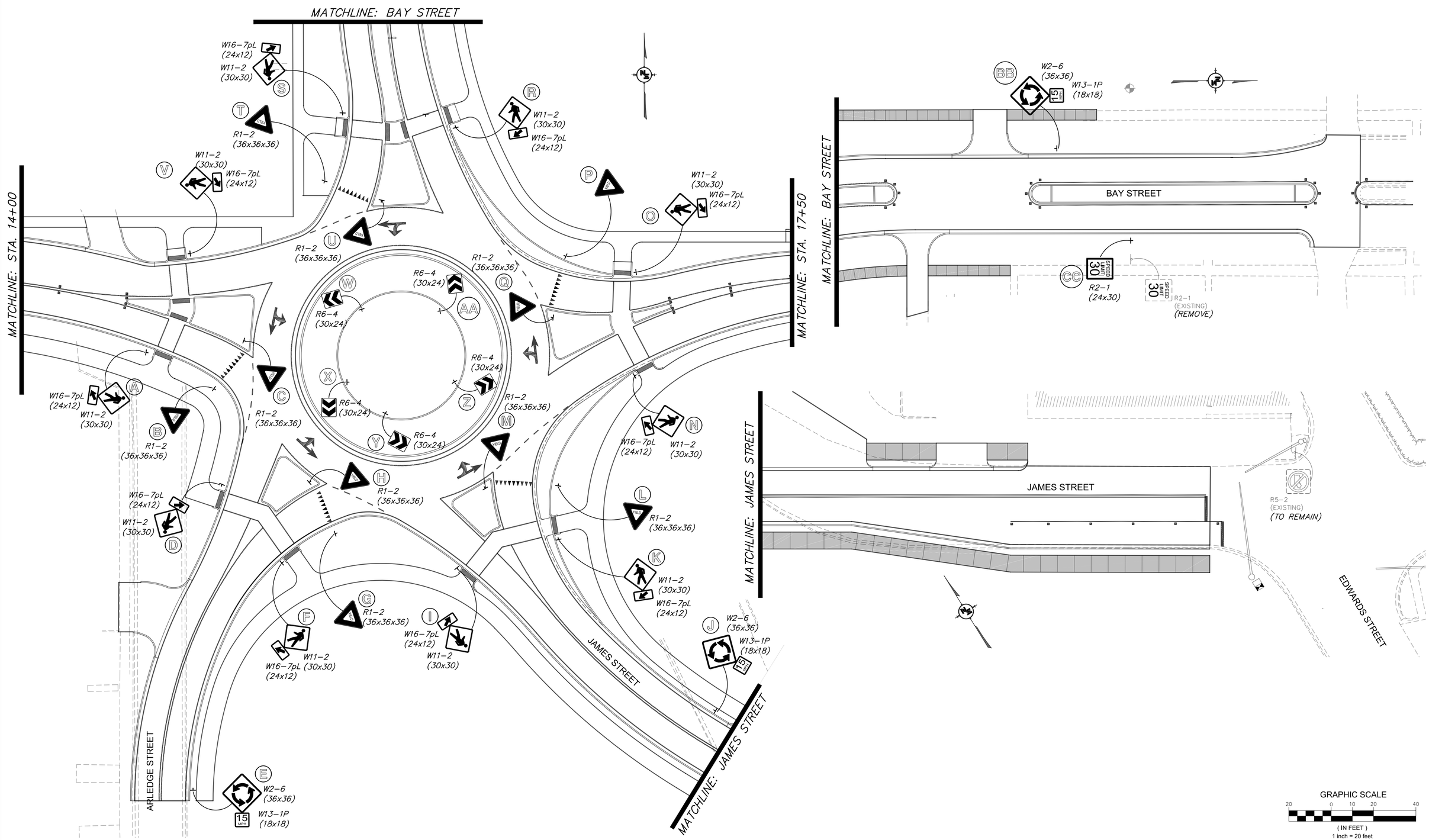
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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PERMANENT SIGNING PLAN
HALL AVE. B.O.P. TO STA. 14+00
AND STA. 17+50 TO STA. 18+50

WORKING NUMBER:	DRAWING NUMBER:
PSP-1	1001

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SURVEYED BY: CLEARPOINT	
DSGN: GPC	DATE: 09/2021
DRWN: JPF	DATE: 09/2021
CHKD:	DATE:
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

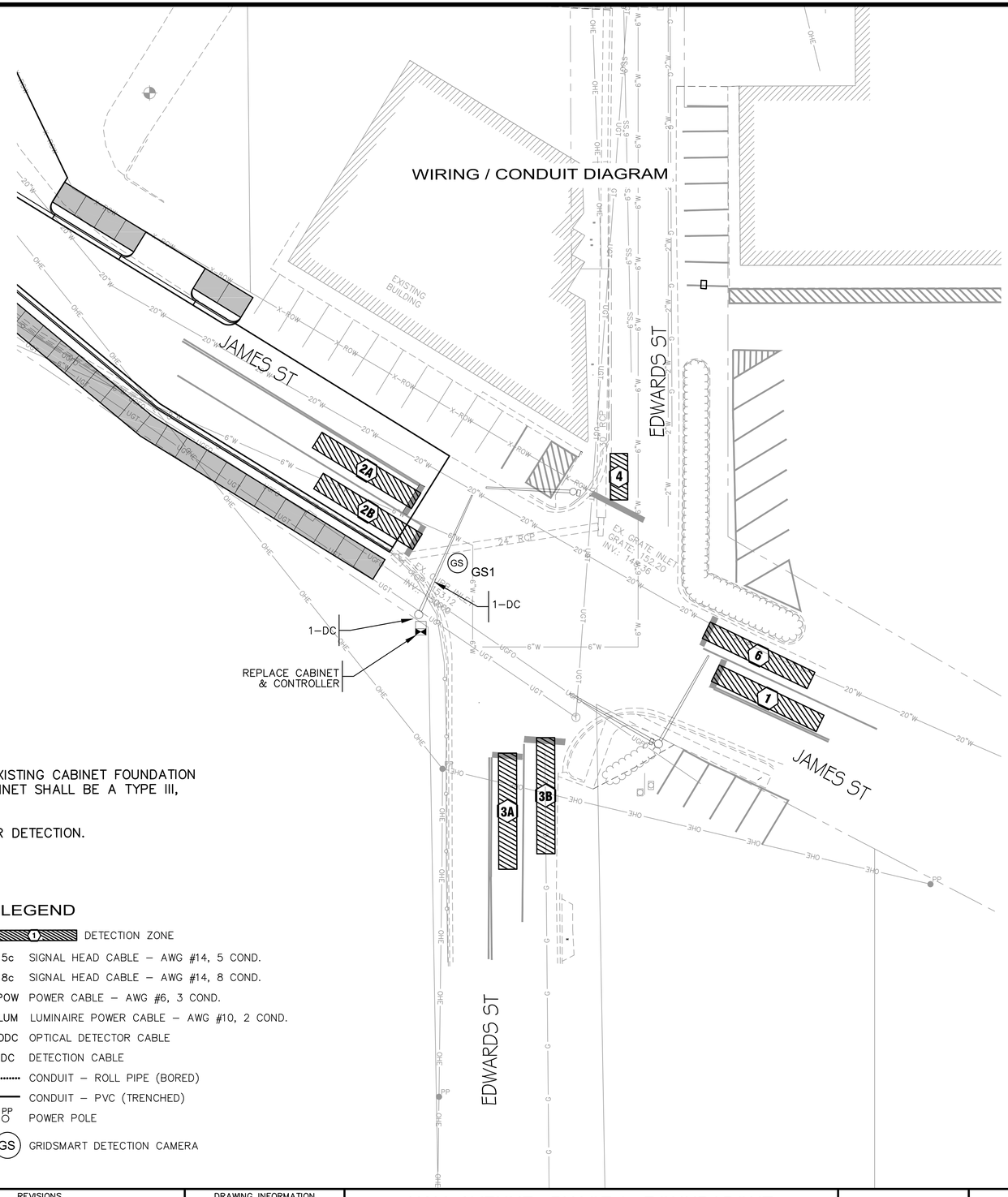
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PERMANENT SIGNING PLAN
ROUNDABOUT AND
JAMES ST. / ARLEDGE ST. / BAY ST.

WORKING NUMBER:	DRAWING NUMBER:
PSP-2	1002

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WIRING / CONDUIT DIAGRAM



SIGNAL PHASING DIAGRAM

NO FL	FLR	NO FL	FLR
ø1	ø2	ø3	ø4
NOT USED ø5	ø6	NOT USED ø7	NOT USED ø8
NO FL	FLR	NO FL	FLR

VOLUME/DENSITY TIMING, MINIMUM RECALL – ø2 & ø6
ALL RED FLASH
EMERGENCY VEHICLE PREEMPT :
CH. 1 – ø1 + ø6, CH. 2 – ø2
CH. 3 – ø3, CH. 4 – ø4

DETECTION SUMMARY

ZONE	DETECTOR	ZONE LOCATION
1	GS1	STOP BAR (VIDEO)
2A & 2B	GS1	STOP BAR (VIDEO)
3A & 3B	GS1	STOP BAR (VIDEO)
4	GS1	STOP BAR (VIDEO)
5	GS1	STOP BAR (VIDEO)
6	GS1	STOP BAR (VIDEO)

(1) STOP BAR DETECTION ZONE AND PHASE NUMBER

INTERSECTION NOTES:

1. REPLACE EXISTING CABINET. EXISTING CABINET FOUNDATION SHALL REMAIN. CONTROLLER CABINET SHALL BE A TYPE III, CONTROLLER SHALL BE A TYPE 1.

2. DETECTION SHALL BE STOP BAR DETECTION.

SIGNAL PLAN LEGEND

- (1) SIGNAL HEAD w BACKPLATE / TYPE
- (6) PEDESTRIAN SIGNAL w PUSH BUTTON
- SIGNAL CONTROLLER / CABINET
- MAST ARM SIGNAL POLE
- (2) PULL BOX / TYPE
- VIDEO / MULTI–SENSOR DETECTOR
- TRAFFIC SIGN
- SNS STREET NAME SIGN
- LUMINAIRE
- POWER SERVICE PEDESTAL
- EMERGENCY VEHICLE DETECTOR
- (1) DETECTION ZONE
- 5c SIGNAL HEAD CABLE – AWG #14, 5 COND.
- 8c SIGNAL HEAD CABLE – AWG #14, 8 COND.
- POW POWER CABLE – AWG #6, 3 COND.
- LUM LUMINAIRE POWER CABLE – AWG #10, 2 COND.
- ODC OPTICAL DETECTOR CABLE
- DC DETECTION CABLE
- CONDUIT – ROLL PIPE (BORED)
- CONDUIT – PVC (TRENCHED)
- PP POWER POLE
- (GS) GRIDSMART DETECTION CAMERA

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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REVISIONS				DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION	N–S PROJECT NO.: NS.16214.01	
				FILENAME: 16214_TSI.dwg	
				SCALE: 1" = 20'	
				SURVEYED BY:	
				DSGN: GPC	DATE: 09/2021
				DRWN: JPF	DATE: 09/2021
				CHKD:	DATE:
				QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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TRAFFIC SIGNAL INSTALLATION
CHARTS & NOTES
JAMES ST. AND EDWARDS ST.

WORKING NUMBER:	DRAWING NUMBER:
TSI-1	2001

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TRAFFIC SIGNAL GENERAL NOTES

1. POLES, SIGNAL HEADS, EQUIPMENT BOXES, PULLBOXES AND CONDUIT LOCATIONS MAY BE VARIED SLIGHTLY TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. HOWEVER, SIGNAL HEAD OR POLE LOCATIONS SHALL BE WITHIN REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND HIGHWAY DESIGN AND OPERATIONAL PRACTICES RELATED TO HIGHWAY SAFETY.

2. THE CONTRACTOR SHALL PROVIDE MAST ARM POLE DESIGN CERTIFICATION AND CALCULATIONS AS OUTLINED IN SECTION 722.02 OF STANDARD SPECIFICATIONS. DESIGN STANDARD FOR MAST ARMS POLES SHALL BE 2013 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS. USE FATIGUE CATEGORY II, USE 50 YEAR DESIGN SERVICE LIFE AND DO NOT CONSIDER GALLOPING OR TRUCK-INDUCED GUSTS. WIND AND ICE LOADS VARIABLE BASED UPON MAPS IN THE 2013 AASHTO SPECIFICATION. USE UPSWEPT MAST ARMS UNLESS OTHERWISE NOTED ON PLANS. SEE TSD 3.

3. DETERMINATION OF REQUIRED SIZES, LENGTHS AND GAUGES OF TYPE I - XI STEEL POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR IN ACCORDANCE WITH THE PLANS AND SECTION 722.02 OF THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED IN PLANS OR SPECIFICATIONS.

4. TRAFFIC SIGNAL MAST ARM POLES SHALL BE HOT DIPPED GALVANIZED WITH FINISH APPROVED BY THE ENGINEER.

5. TRAFFIC SIGNAL MAST ARM POLES REQUIRING LUMINAIRES ARE DESIGNATED BY (L). ALL LUMINAIRES SHALL BE LED UNLESS OTHERWISE NOTED ON PLANS.

6. STAINLESS STEEL TAG ATTACHED TO THE POLE SHAFT USING 3/16 INCH STAINLESS STEEL POP RIVETS WITH PROPERTIES AND INFORMATION AS FOLLOWS:
   - MINIMUM 1/16 INCH THICKNESS
   - MINIMUM 1/4 INCH STAMPED LEGEND WITH FOLLOWING INFORMATION:
     -- MANUFACTURER NAME
     -- MONTH / YEAR OF MANUFACTURE
     -- UNIQUE IDENTIFYING NUMBER FOR FUTURE MANUFACTURER REFERENCE
     -- EXTERNAL PROJECT NUMBER FROM THE PLANS COVER SHEET (EXAMPLE: STP-XXXX-XX…)

   TAG TO BE INSTALLED ON SHAFT SIDE OPPOSITE THE MAINLINE HIGHWAY AND LOCATED APPROXIMATELY 48 INCHES ABOVE THE TOP OF BASE PLATE.

7. THE TOP OF THE STRAIN POLE FOUNDATION SHALL BE 6" ABOVE THE GROUND. THE CONTRACTOR SHALL PROVIDE POLES OF SUFFICIENT LENGTH PLUS 2 FEET TO PROVIDE REQUIRED VERTICAL CLEARANCE OF THE TRAFFIC SIGNAL HEADS WITHOUT EXTENDING THE FOUNDATION ABOVE THE GROUND LINE OF THE POINT WHERE THE POLE IS LOCATED, EVEN THOUGH THIS MAY BE BELOW THE FINISHED GRADE OF THE ROADWAY.

8. ALL STRAIN POLES AT AN INTERSECTION SHALL BE THE SAME DIAMETER AND UTILIZE THE SAME BOLT CIRCLE SPACING.

9. POLE FOUNDATIONS AND BASE MOUNTED CABINET FOUNDATIONS, GRADE SHALL BE ESTABLISHED TO ±3" OF EDGE OF PAVEMENT ELEVATION UNLESS APPROVED BY SIGNAL PROJECT ENGINEER.

10. TRAFFIC SIGNAL HEADS SHALL BE BLACK IN COLOR UNLESS OTHERWISE NOTED ON PLANS WITH BLACK BACK PLATES

11. PEDESTRIAN HEADS SHALL BE BLACK IN COLOR UNLESS OTHERWISE NOTED ON PLANS.

12. PEDESTRIAN PUSHBUTTONS SHALL BE EITHER STANDARD PUSHBUTTONS OR APS (ACCESSIBLE PEDESTRIAN SYSTEM) STYLE AS NOTED ON PLANS. SIGNS TO BE INCLUDED IN PAY ITEM FOR PEDESTRIAN PUSHBUTTONS AT NO ADDITIONAL COST. SIDE OF POLE LOCATIONS OF PUSHBUTTONS MAY BE FIELD ADJUSTED. PUSHBUTTON HARDWARE SHALL BE BLACK IN COLOR UNLESS OTHERWISE NOTED ON PLANS.

13. FIELD DRILL AND TAP EXISTING POLES WHERE PEDESTRIAN SIGNALS AND PUSHBUTTONS ARE REQUIRED ON PLANS. (ABSORBED ITEM).

14. TRAFFIC SIGNAL CABINETS AND CONTROLLERS SHALL BE WIRED TO PROVIDE FOR ALL PHASES INCLUDING FUTURE PHASES IN ACCORDANCE WITH THE PHASE SEQUENCE DIAGRAM.

15. ALL TRAFFIC SIGNAL CONTROLLERS SHALL BE ETHERNET READY, AND COMPATIBLE WITH MDOT'S EXISTING TRAFFIC SIGNAL MANAGEMENT SOFTWARE. ALL TRAFFIC SIGNAL CONTROLLER FIRMWARE SHALL BE CAPABLE OF DELAYING THE ONSET OF THE FLASHING YELLOW ARROW. ALL MMU'S SHALL BE ETHERNET READY, 16 CHANNEL, AND CAPABLE OF RUNNING 12 DIFFERENT MODES OF FLASHING YELLOW ARROW OPERATION. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF MERIDIAN FOR IP ADDRESSES ON ALL NETWORKABLE DEVICES. DEVICES INCLUDE BUT NOT LIMITED TO: CONTROLLER, MMU WITH SDLC CABLE (CONFLICT MONITOR), AND DETECTION UNITS. TRAFFIC SIGNAL CONTROLLER CABINET SHALL HAVE A 16 LOAD BAY FACILITY, REAR ACCESS DOOR, LAPTOP TRAY, AND DUAL POSITION INTERNAL LED LIGHTING. ALL TRAFFIC SIGNAL CONTROLLER CABINETS SHALL HAVE A 5 POSITION CARD RACK AND ONE 175 WATT MINIMUM POWER SUPPLY AND 4 AVAILABLE SLOTS UNLESS OTHERWISE NOTED ON PLANS. SEE 907-632.02.6.1.

16. FOR PROTECTED/PERMITTED LEFT TURN PHASING USING TYPE 2 FYA TRAFFIC SIGNAL HEADS, OPERATION SHALL BE AS FOLLOWS: THE PROTECTED PHASE OF THIS OPERATION SHALL DISPLAY A SOLID GREEN ARROW, FOLLOWED BY A SOLID YELLOW ARROW, AND ENDING WITH A SOLID RED ARROW. THE PERMITTED PORTION OF THIS OPERATION SHALL START WITH A FLASHING YELLOW ARROW, FOLLOWED BY A SOLID YELLOW ARROW, AND ENDING WITH A SOLID RED ARROW. THERE SHALL BE A DELAY (AS DIRECTED BY THE ENGINEER) BETWEEN THE END OF THE PROTECTED PORTION OF THIS OPERATION AND THE BEGINNING OF THE PERMITTED PORTION OF THIS OPERATION. DURING THIS DELAY, THE OPPOSING PHASE THRU HEADS ARE CAPABLE OF DISPLAYING A GREEN BALL. SIGNAL CONTROLLER WITH FIRMWARE NECESSARY TO ACCOMPLISH THIS DELAY SHALL BE PROVIDED.

17. POLES AND FOUNDATIONS OF EXISTING SIGNAL INSTALLATION REMOVALS SHALL BE CUT OFF 6" BELOW GROUND, REMOVED AND AREA RESTORED TO MATCH ADJACENT SURFACE AS DIRECTED BY THE ENGINEER.

18. ALL REMOVED EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS SPECIFIC ITEMS ARE NOTED IN THE PLANS TO BE SALVAGED AS DIRECTED BY THE ENGINEER.

19. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ELECTRICAL SERVICE FROM THE POWER COMPANY SERVICE POINT TO THE POWER SERVICE PEDESTAL. FOR SPAN WIRE INSTALLATION, POWER SHALL RUN FROM THE POWER COMPANY SERVICE POINT AERIAL TO THE SIGNAL POLE NEAREST THE CONTROLLER, THE SERVICE SHALL THEN RUN TO THE CONTROLLER AS SHOWN ON THE PLANS. FOR MAST ARM INSTALLATION, POWER SHALL RUN FROM THE POWER COMPANY SERVICE POINT UNDERGROUND DIRECTLY TO THE POWER SERVICE PEDESTAL, THEN TO THE CONTROLLER CABINET, AS SHOWN ON THE PLANS.

20. POWER SERVICE METER SHALL NOT BE MOUNTED ON THE CONTROLLER CABINET OR MAST ARM POLE SHAFTS. A SEPARATE POWER SERVICE PEDESTAL FOR MOUNTING THESE ITEMS IS REQUIRED. (SEE TSD-6 & TSD-7).

21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE THE NECESSARY ARRANGEMENTS WITH THE LOCAL POWER COMPANY TO PROVIDE THE POWER SUPPLY ASSEMBLY FOR ANY NEW INSTALLATION. THE CONTRACTOR SHALL PAY FOR, AT NO COST TO THE DEPARTMENT, ALL DEPOSITS, HOOK-UP CHARGES, OR OTHER SERVICE FEES REQUIRED BY THE POWER COMPANY FOR THE ESTABLISHMENT OF NEW SERVICE. THE COST OF ALL SUCH FEES SHALL BE CONSIDERED INCIDENTAL AND ABSORBED WITHIN EXISTING PAY ITEMS. THE DEPARTMENT OR THE LOCAL AGENCY WILL BE RESPONSIBLE FOR PAYMENT OF THE MONTHLY SERVICE BILL FOR THE NEW POWER SERVICE INSTALLATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SWAP THE ELECTRICAL SERVICE ACCOUNT OVER TO THE DEPARTMENT OR LOCAL AGENCY.
    WHEN ELECTRIC POWER SERVICE EXISTS AND IS USED FOR THE OPERATION OF AN EXISTING SYSTEM, THE MONTHLY SERVICE FEES SHALL CONTINUE TO BE PAID BY THE DEPARTMENT OR THE LOCAL AGENCY. IF THE EXISTING POWER SERVICE IS INTENDED FOR USE WITH A NEW SIGNAL SYSTEM, THEN ANY SERVICE CHARGE FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SIMILARLY, IF AN EXISTING POWER SERVICE IS TO BE DISCONNECTED, ANY SERVICE CHARGE FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF ALL SUCH FEES SHALL BE CONSIDERED INCIDENTAL AND ABSORBED WITHIN EXISTING PAY ITEMS.

22. WHEN CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY SIGNALS TO ACCOMMODATE ROADWAY CONSTRUCTION, IT SHALL BE PAID FOR UNDER PAY ITEM 619-H1, TRAFFIC SIGNAL, LUMP SUM, UNLESS OTHERWISE NOTED ON PLANS.

23. VEHICLE LOOP ASSEMBLIES SHALL BE INSTALLED IN THE TOP LAYER OF BINDER OR EXISTING SURFACE BEFORE THE FINAL SURFACE COURSE IS APPLIED (BASED ON 2" FINAL LIFT MAXIMUM).

24. WHEN RADAR, VIDEO , OR MULTI-SENSOR DETECTION IS USED, THE SYSTEM MAY REQUIRE BOTH STOP BAR AND ADVANCE DETECTION. TSI PLANS SHOW A GENERIC LAYOUT FOR DETECTION; DETECTOR MAY BE RELOCATED PER MANUFACTURER'S RECOMMENDATIONS. THERE SHALL BE NO EXTRA PAY FOR MOVING OF DETECTORS OTHER THAN CABLE LENGTHS. MANUFACTURER TO HAVE FACTORY REP ON SITE DURING INSTALLATIONS UNLESS CERTIFIED BY THE MANUFACTURER. DETECTION CABLE WILL BE MEASURED BY THE LINEAR FOOT, MEASURED HORIZONTALLY ALONG THE CONDUIT, MESSENGER CABLE OR MAST ARM AND VERTICALLY ALONG THE POLE. DETECTION CABLE FOR CAMERAS, THE POWER AND VIDEO CABLE MAY BE IN THE SAME JACKET.
    ALL DETECTION UNITS SHALL BE NETWORKABLE DEVICES AND BE ON THE MDOT NETWORK IF NOTED ON PLANS.

25. ALL GROUNDING EQUIPMENT SHALL BE COST ABSORBED.

26. MESSENGER CABLE AND OTHER SUPPORTING DEVICES WHERE REQUIRED SHALL BE ABSORBED IN THE PAY ITEMS FOR SIGNAL CABLE.

27. THE CONTRACTOR SHALL STAKE THE LOCATION OF EACH POLE FOUNDATION AND NOTIFY THE PROJECT ENGINEER FOR CONCURRENCE IN THE LOCATION BEFORE PROCEEDING WITH THE PURCHASE OF THE POLE.

28. THE CONTRACTOR SHALL BE REQUIRED TO ADEQUATELY AND COMPLETELY COVER TRAFFIC SIGNAL HEADS DURING TIMES THAT THEY ARE NOT IN OPERATION WITH A DURABLE, OUTDOOR- HARDENED MATERIAL THAT CONTRASTS WITH THE COLOR OF THE HEAD THAT CLEARLY DESIGNATES THAT THE SIGNAL IS NOT IN "STOP AND GO" MODE. HEAD COVERS ARE TO BE APPROVED BY THE ENGINEER.

29. A NEW TRAFFIC SIGNAL INSTALLATION SHALL BE PUT IN FLASH OPERATION FOR A PERIOD OF THREE (3) TO SEVEN (7) DAYS PRIOR TO THE ACTIVATION OF THE SIGNAL'S "STOP AND GO" OPERATION. ACTIVATION OF NEW TRAFFIC SIGNALS SHALL BE DURING A MID-WEEK WEEKDAY (TUESDAY – THURSDAY) DURING A NON-PEAK TIME AND SHALL BE COORDINATED WITH THE ENGINEER. UPON INITIAL INSPECTION AND ACCEPTANCE TESTING OF THE NEW TRAFFIC SIGNAL INSTALLATION, THE CONTRACTOR SHALL REQUEST THE START OF THE 30 DAY BURN-IN PERIOD TO COMMENCE, AS OUTLINED IN SUBSECTION 631.03.4 OF THIS SPECIFICATION. ANY NOTED DEFICIENCIES FOUND WITHIN THAT 30 DAY PERIOD SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER. THE 30 DAY BURN-IN PERIOD MUST COMMENCE WITHIN THE CONTRACT TIME, AND BEFORE SUBSTANTIAL COMPLETION OF THE PROJECT IS GRANTED.

30. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING FINAL INSPECTION MEETING WITH DISTRICT OFFICE, PROJECT OFFICE AND TRAFFIC ENGINEERING FOR SIGNAL PORTION OF THE PROJECT.

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TRAFFIC SIGNAL GENERAL NOTES

WORKING NUMBER:	DRAWING NUMBER:
TSD-1	2002

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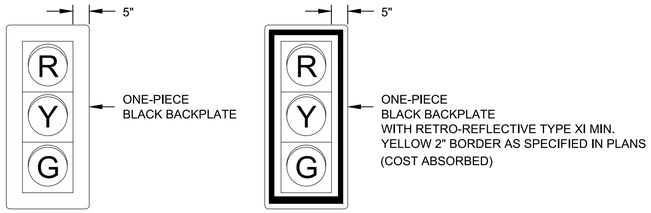
DETAIL OF TYPICAL TRAFFIC SIGNAL HEADS

TYPE 1	TYPE 2	TYPE 2A FYA	TYPE 2B FYA	TYPE 3	TYPE 4	TYPE 6	TYPE 7	TYPE H
R Y G	R Y G	R Y FY G	R Y FY	R Y G G	R Y G	COUNTDOWN TYPE LED	R Y Y G G	R R Y HAWK SIGNAL

NOTES:

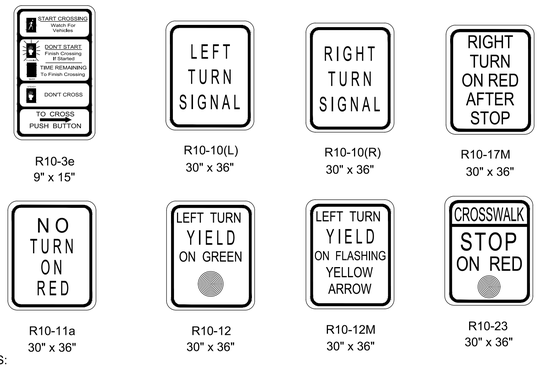
1. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL SIGNAL HEADS SHALL BE L.E.D. LENSES UNLESS OTHERWISE NOTED ON THE PLANS. TYPE "A" SIGNAL HEAD IS TO BE GEOMETRICALLY PROGRAMMED VIA LOUVERS.
3. LETTER "R" ON HEAD TYPES MEANS RIGHT TURN ARROW(S).
4. TYPE 6 SIGNAL HEAD SYMBOLS/NUMBERS SHALL BE FULLY ILLUMINATED (NO OUTLINE SYMBOLS ALLOWED). THERE IS A SEPARATE PAY ITEM FOR PEDESTRIAN PUSHBUTTON. PEDESTRIAN PUSHBUTTON SHALL BE FURNISHED WITH R10-3e SIGN. (COST ABSORBED).
5. ALL FYA SIGNAL HEAD SHALL BE FURNISHED WITH R10-12M SIGN.
   WHEN NOTED ON PLANS, TYPE 4 & 5 SIGNAL HEADS SHALL BE FURNISHED WITH R10-10L , R10-10R, OR R10-17M SIGN.
   TYPE 7 SIGNAL HEAD SHALL BE FURNISHED WITH R10-12 SIGN. TYPE 7 R REQUIRES NO SIGN.
   TYPE H SIGNAL HEAD SHALL BE FURNISHED WITH R10-23 SIGN WHEN INDICATED ON PLANS.
   COST OF SIGNAL SIGNS, MOUNTING BRACKETS, HARDWARE, AND LABOR SHALL BE COST ABSORBED.
6. FOR SPAN WIRE INSTALLATION, THE HOUSING FOR THE RED INDICATION OF A TYPE 7 HEAD, SHALL BE ALUMINUM.

DETAIL OF TRAFFIC SIGNAL WITH BACKPLATE



NOTE:
ALL SIGNAL HEADS SHALL INCLUDE BACKPLATES AND VISORS
UNLESS OTHERWISE NOTED ON TRAFFIC SIGNAL INSTALLATION SHEETS.

DETAIL OF TYPICAL TRAFFIC SIGNAL SIGNS



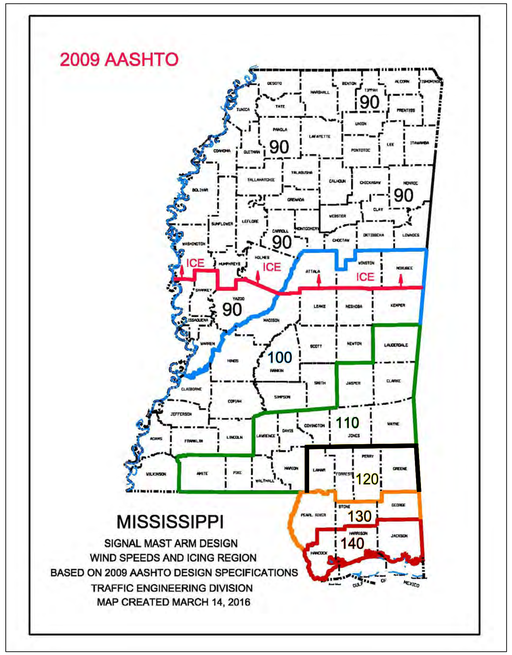
NOTES:

1. ALUMINUM SIGN BLANKS ARE TO BE ALUMINUM ALLOY 5052-H38 AND 0.10" THICK.
2. THE SIGNS SHALL BE SUPPLIED WITH MOUNTING BRACKETS AND HARDWARE AS REQUIRED.
3. NUMBER 12 PLATED JACK CHAINS SHALL BE ATTACHED TO THE BOTTOM OF ALL SPAN WIRE MOUNTED SIGNS.
4. CHAINS SHALL BE ATTACHED TO SIGN AND TETHER USING "S" HOOKS.
5. THE SIZE OF THE SIGN BLANK, LEGEND, BORDER AND THE COLOR OF THE BACKGROUND AND LEGEND IS TO CONFORM TO THE M.U.T.C.D. (LATEST EDITION).
6. REFLECTIVE SHEETING FOR TRAFFIC SIGNS SHALL BE TYPE XI PRISMATIC RETROREFLECTIVE SHEETING.

SIGNAL PLAN LEGEND

①+	SIGNAL HEAD REQUIRED / TYPE
⑥	PEDESTRAIN HEAD REQUIRED
	EXISTING SIGNAL HEAD
	SIGN
OR □	VEHICLE LOOP DETECTOR
	QUADRAPOLE VEHICLE LOOP DETECTOR
	VEHICLE LOOP DETECTOR NUMBER
M	WIRELESS MAGNETOMETER SENSOR
	BASE MOUNTED CABINET FOR SIGNAL CONTROLLER
	POLE MOUNTED CABINET FOR SIGNAL CONTROLLER
	EXISTING POLE
	POLE REQUIRED
	NEW PEDESTAL POLE
	MAST ARM POLE REQUIRED
	EXISTING PULLBOX
② OR ■	PULLBOX REQUIRED (TYPE SPECIFIED ON PLAN SHEETS)
	RADAR DETECTOR (RD)
	VIDEO DETECTOR (VD)
	MULTI SENSOR DETECTOR (MS)
	OPTICAL DETECTOR UNIT
	CONDUIT
	ROLL PIPE
	LUMINAIRE
	DECORATIVE LUMINAIRE
	GROUND MOUNTED PEDESTAL SERVICE PANEL
	RADIO INTERCONNECT ANTENNA
	TWO-WAY WIRELESS ANTENNA
	WIRELESS REPEATER
GS	GRIDSMART DETECTION CAMERA
CCTV	PTZ / FIXED CAMERA
P.B.	PUSH BUTTON
S.C.	SHIELDED CABLE
POW	POWER CABLE
LUM	LUMINAIRE POWER CABLE
ODC	OPTICAL DETECTOR CABLE
8c	NUMBER OF CONDUCTORS
I.C.	INTERCONNECT CABLE
RAD	RADIO COMMUNICATIONS CABLE
FO	FIBER OPTIC CABLE (72 SM)
FO DROP	FIBER DROP CABLE (12 SM)
DC	DETECTION CABLE
	STOP BAR DETECTION ZONE
	ADVANCED DETECTION ZONE

WIND SPEEDS AND ICING REGION MAP



2009/2013 AASHTO WIND LOAD LIST BY COUNTY

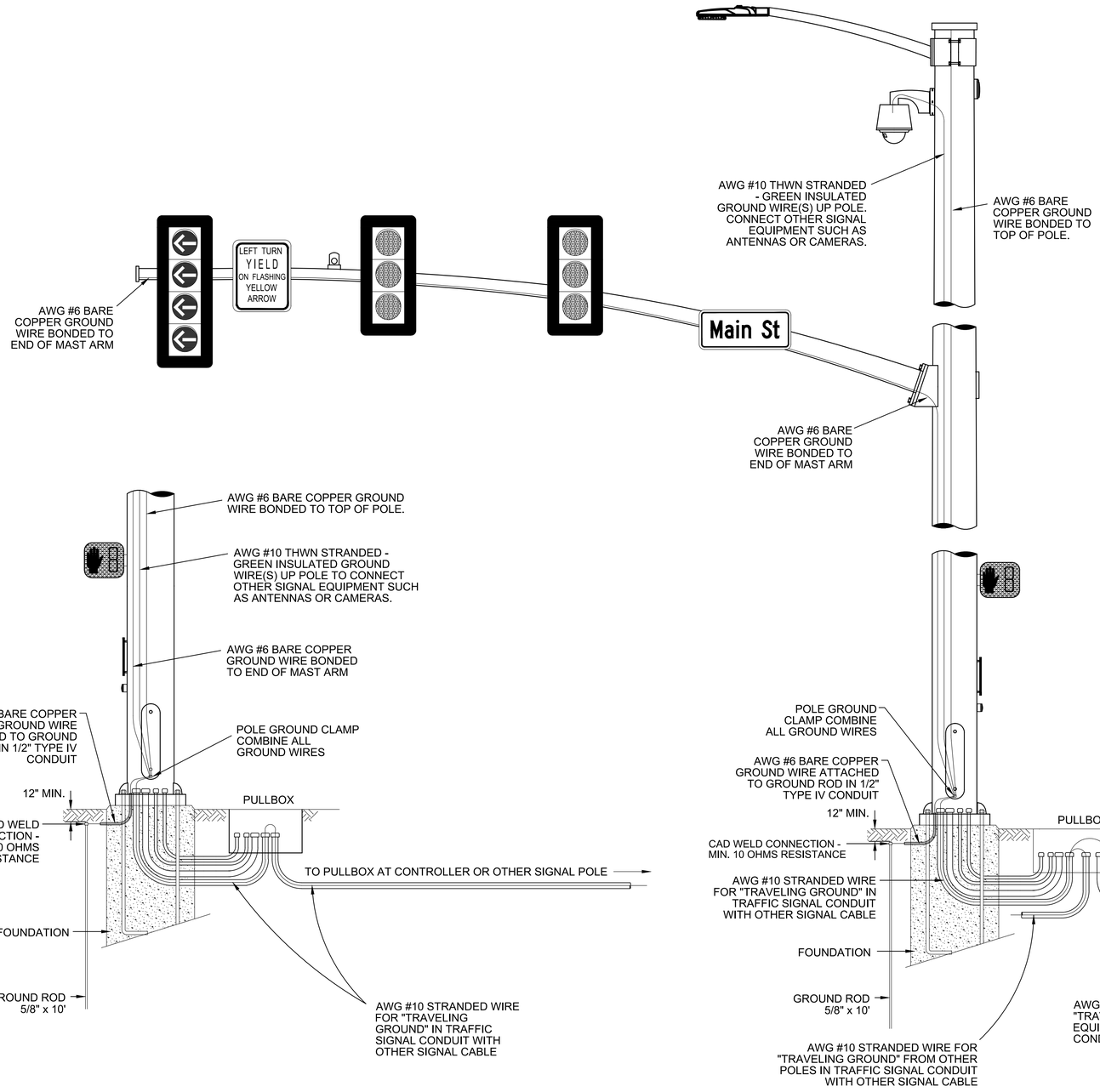
COUNTY	BASIC WIND SPEED MPH	ICE LOADING REQD
Adams	100	NO
Alcorn	90	YES
Amite	110	NO
Attala	100	YES
Benton	90	YES
Bolivar	90	YES
Calhoun	90	YES
Carroll	90	YES
Chickasaw	90	YES
Choctaw	90	YES
Claiborne	100	NO
Clarke	110	NO
Clay	90	YES
Coahoma	90	YES
Copiah	90	NO
Covington	110	NO
DeSoto	90	YES
Forrest	120	NO
Franklin	100	NO
George	130	NO
Greene	120	NO
Grenada	90	YES
Hancock	140	NO
Harrison	140	NO
Hinds	100	NO
Holmes	90	YES
Humphreys	90	YES
Issaquena	90	NO
Itawamba	90	YES
Jackson	140	NO
Jasper	110	NO
Jefferson	100	NO
Jefferson Davis	110	NO
Jones	110	NO
Kemper	100	NO
Lafayette	90	YES
Lamar	120	NO
Lauderdale	110	NO
Lawrence	110	NO
Leake	100	NO
Lee	90	YES
Leflore	90	YES
Lincoln	100	NO
Lowndes	90	YES
Madison	100	NO
Marion	110	NO
Marshall	90	YES
Monroe	90	YES
Montgomery	90	YES
Neshoba	100	NO
Newton	100	NO
Noxubee	100	YES
Oktibbeha	90	YES
Panola	90	YES
Pearl River	130	NO
Perry	120	NO
Pike	110	NO
Pontotoc	90	YES
Prentiss	90	YES
Quitman	90	YES
Rankin	100	NO
Scott	100	NO
Sharkey	90	NO
Simpson	100	NO
Smith	100	NO
Stone	130	NO
Sunflower	90	YES
Tallahatchie	90	YES
Tate	90	YES
Tippah	90	YES
Tishomingo	90	YES
Tunica	90	YES
Union	90	YES
Walthall	110	NO
Warren	90	NO
Washington	90	YES
Wayne	110	NO
Webster	90	YES
Wilkinson	100	NO
Winston	100	YES
Yalobusha	90	YES
Yazoo	90	NO

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TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS AND WIND SPEEDS

WORKING NUMBER:	DRAWING NUMBER:
TSD-2	2003

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GROUNDING DETAIL

NOT TO SCALE

GROUNDING NOTES:

1. GROUND RODS USED SHALL BE COPPER CLAD, STEEL RODS OF THE DIAMETER AND LENGTH SHOWN ON THE PLANS. GROUND RODS SHALL CONFORM TO THE REQUIREMENTS OF UL-467. GROUNDING ROD COUPLERS SHALL BE UL APPROVED, MADE FROM BRONZE, STAINLESS STEEL OR COPPER CLAD WITH A SOLID CENTER PROVIDING 100 PERCENT CONDUCTIVITY.

2. SINGLE GROUND RODS SHALL BE DRIVEN VERTICALLY UNTIL THE TOP OF THE ROD IS AT LEAST 12 INCHES BELOW THE FINISHED GROUND.

3. SOLID CONDUCTOR COPPER WIRE, AWG 6 SHALL BE USED FOR GROUNDING CONDUCTOR AND BONDING JUMPERS UNLESS OTHERWISE STATED IN THE PLANS. BARE SOLID CONDUCTOR COPPER WIRE SHALL MEET THE REQUIREMENTS OF ASTM B2.

4. #10 THWN STRANDED - GREEN INSULATED WIRE SHALL BE USED FOR TRAVELING GROUND. THIS WIRE RUNS FROM POLE TO POLE BACK TO CONTROLLER CABINET TO TIE ALL EQUIPMENT TOGETHER. IT IS INSTALLED IN THE SAME CONDUIT AS THE OTHER SIGNAL CABLES.

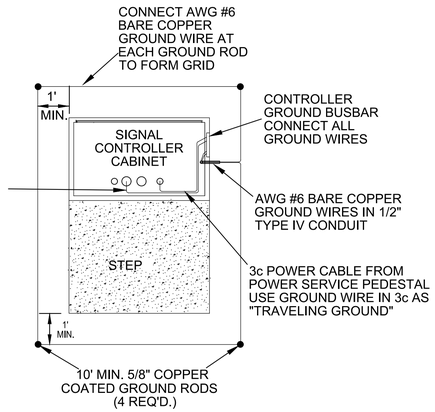
5. THE GROUNDING CONDUCTOR SHALL BE CONTINUOUS AND SHALL BE CONNECTED TO A COMMON GROUND SYSTEM BETWEEN ALL SUPPORTING POLES AND STRUCTURES, TO EACH TRANSFORMER, AND TO EACH GROUNDING CONDUCTOR IN A MULTI-CONDUCTOR CABLE ASSEMBLY. ADDITIONAL GROUNDING RODS ELECTRODES (UP TO FOUR (4) RODS) SHALL BE INSTALLED TO OBTAIN A MAXIMUM VALUE OF FIVE (5) OHMS TO GROUND.

6. BOLTED GROUNDING CONNECTIONS OF SOLDER-LESS TYPE MADE OF THE HIGH STRENGTH ELECTRICAL BRONZE WITH SILICON BRONZE CLAMPING BOLTS AND HARDWARE MAY BE USED; DESIGNED SUCH THAT, BOLTS, NUTS, LOCK WASHERS AND SIMILAR HARDWARE THAT MIGHT NICK OR OTHERWISE DAMAGE THE GROUND WIRE WILL NOT DIRECTLY CONTACT THE GROUND WIRE. GROUNDING SPLICES SHALL NOT BE INSULATED.

7. EXOTHERMIC WELDED GROUND CONNECTIONS SHALL BE USE WHERE SPECIFIED.

8. ALL SIGNAL EQUIPMENT AND CABLE SHALL BE PROTECTED WITH AN INLINE SURGE SUPPRESSOR IF RECOMMENDED BY THE MANUFACTURER OR A PANEL MOUNTED SURGE SUPPRESSOR AS RECOMMENDED BY THE MANUFACTURER OR APPROVED EQUAL, INSTALLED AND GROUNDED PER MANUFACTURER'S RECOMMENDATIONS.

9. ALL GROUNDING EQUIPMENT AND WIRE SHALL BE COST ABSORBED.



CONTROLLER PLAN VIEW

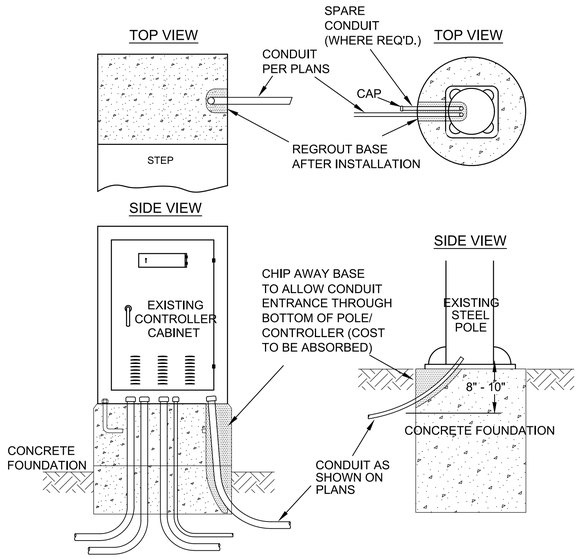
NOT TO SCALE

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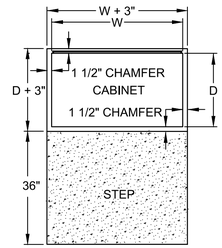
TRAFFIC SIGNAL GROUNDING DETAILS

WORKING NUMBER:	DRAWING NUMBER:
TSD-5	2004

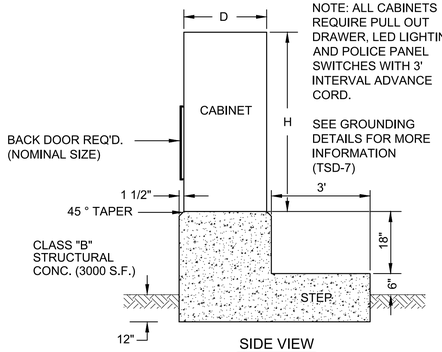
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CONDUIT ENTRANCE DETAIL
(EXISTING CABINET OR POLE)



PLAN VIEW



SIDE VIEW

NOTE: ALL CABINETS REQUIRE PULL OUT DRAWER, LED LIGHTING, AND POLICE PANEL SWITCHES WITH 3' INTERVAL ADVANCE CORD.

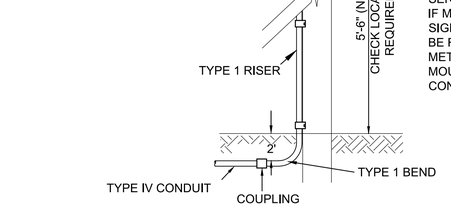
SEE GROUNDING DETAILS FOR MORE INFORMATION (TSD-7)

NOTE:
THE BASE MOUNTED CABINET IS TO BE SITUATED IN THE OPTIMUM POSITION FOR VIEWING THE CONTROLLER OPERATION AND THE ON STREET SIGNAL DISPLAYS SIMULTANEOUSLY. THIS POSITION IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

CABINET INFORMATION

TYPE	SIZE (MIN.)	LOAD BAY
TYPE I CABINET	51"H x 30"W x 18"D	8 POSITION
TYPE II CABINET	51"H x 36"W x 18"D	12 POSITION
TYPE III CABINET	56"H x 44"W x 27"D	16 POSITION
TYPE IV CABINET	56"H x 57"W x 29"D	16 POSITION
TYPE V CABINET	77"H x 44"W x 27"D	16 POSITION

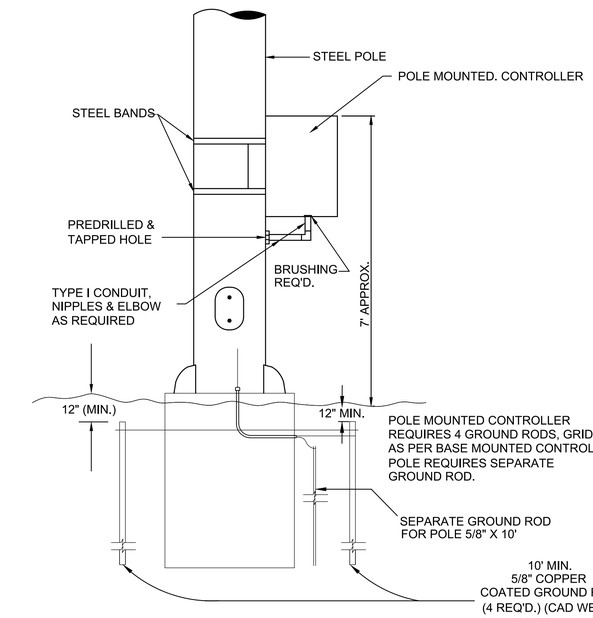
TYPE I AND II MAY BE POLE OR BASE MOUNTED, ALL OTHERS ARE BASE MOUNT.
CONTRACTOR TO VERIFY CABINET SIZE BEFORE POURING FOUNDATION.



NOTE:
METER & BREAKER BOX TO BE MOUNTED ON POWER SERVICE POLE OR SIGNAL POLE IF SERVICE IS AERIAL.
IF METER IS ATTACHED TO SIGNAL POLE, ALL WIRING TO BE RAN INTERNAL TO POLE.
METER & BOX SHALL NOT BE MOUNTED TO THE CONTROLLER CABINET.

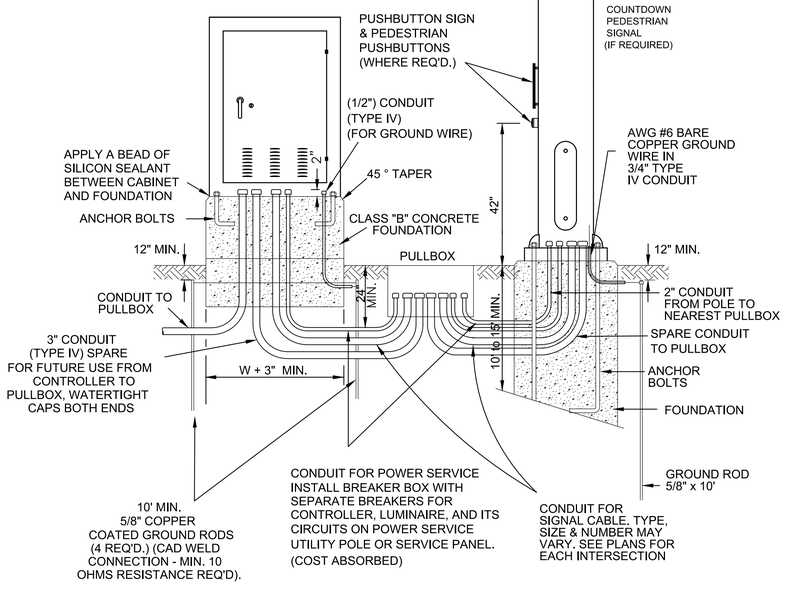
POWER SERVICE DETAIL

TO BE USED FOR SERVICE DOWN POLE OR WHEN METER IS SET ON POLE. SEE TSD-7 FOR POWER SERVICE PEDESTAL DETAILS.



TYPICAL DETAIL FOR POLE MOUNTED CONTROLLER

NOT TO SCALE



FRONT VIEW

TYPICAL DETAIL OF BASE FOR CONTROLLER EQUIPMENT CABINET

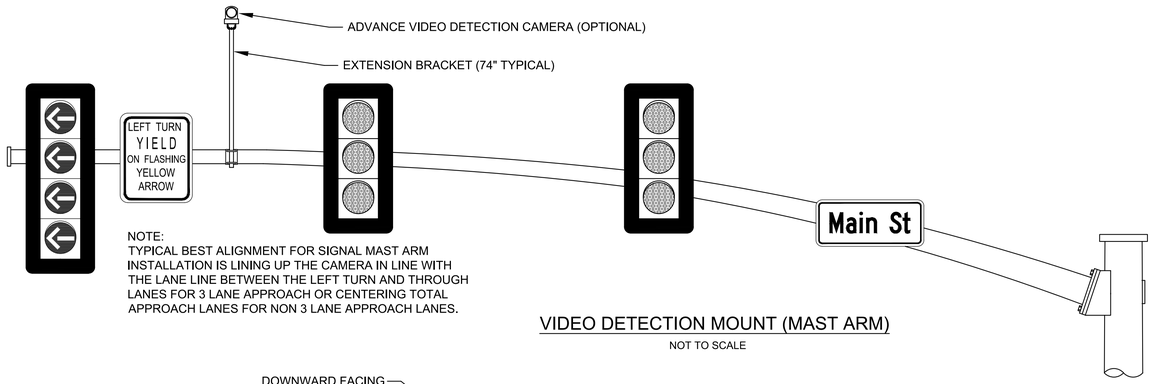
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CONTROLLER CABINET AND POWER SERVICE DETAILS

WORKING NUMBER:	DRAWING NUMBER:
TSD-6	2005

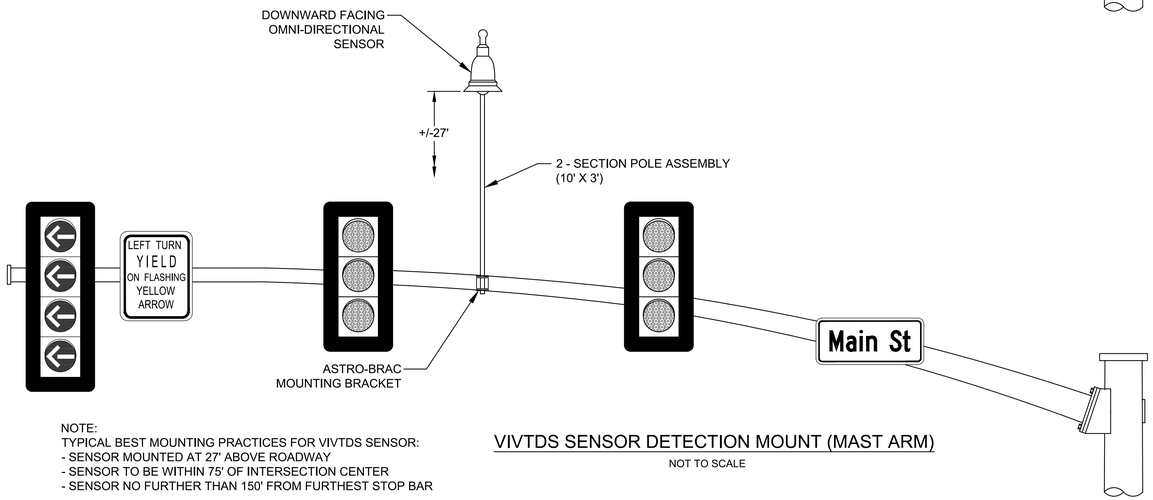
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NOTE:
TYPICAL BEST ALIGNMENT FOR SIGNAL MAST ARM INSTALLATION IS LINING UP THE CAMERA IN LINE WITH THE LANE LINE BETWEEN THE LEFT TURN AND THROUGH LANES FOR 3 LANE APPROACH OR CENTERING TOTAL APPROACH LANES FOR NON 3 LANE APPROACH LANES.

VIDEO DETECTION MOUNT (MAST ARM)

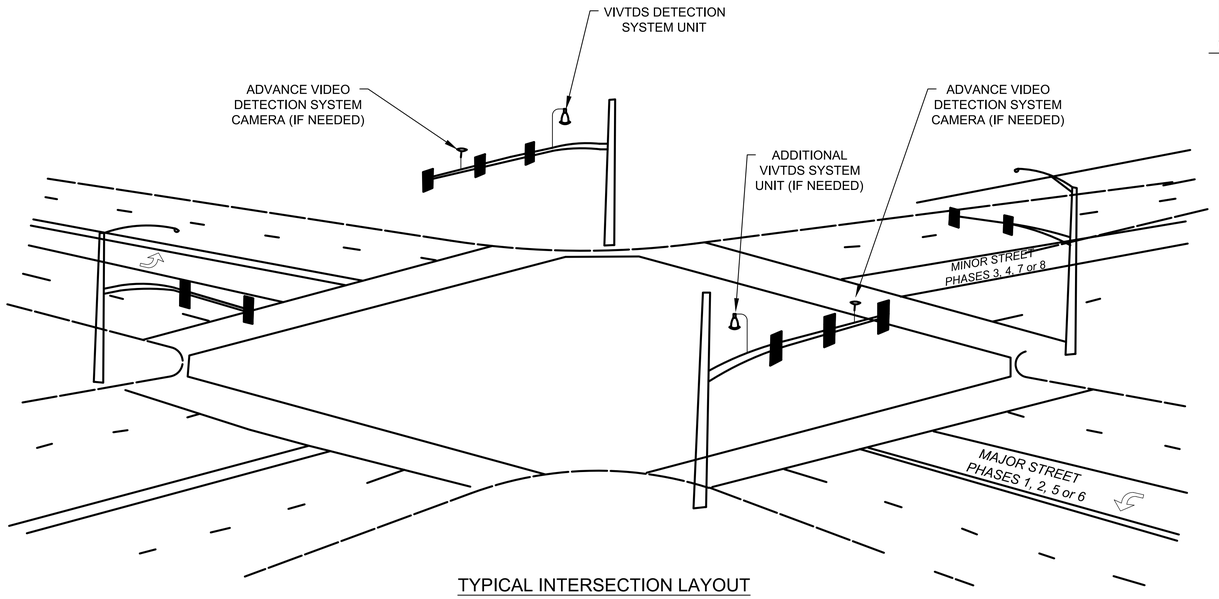
NOT TO SCALE



NOTE:
TYPICAL BEST MOUNTING PRACTICES FOR VIVTDS SENSOR:
- SENSOR MOUNTED AT 27' ABOVE ROADWAY
- SENSOR TO BE WITHIN 75' OF INTERSECTION CENTER
- SENSOR NO FURTHER THAN 150' FROM FURTHEST STOP BAR

VIVTDS SENSOR DETECTION MOUNT (MAST ARM)

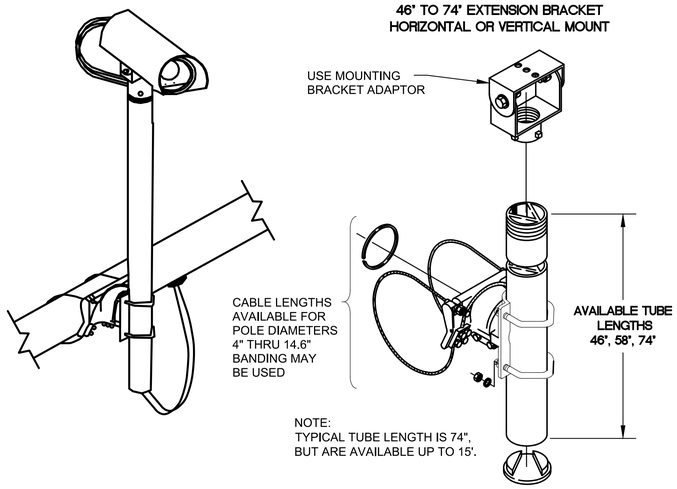
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TYPICAL INTERSECTION LAYOUT

NOT TO SCALE

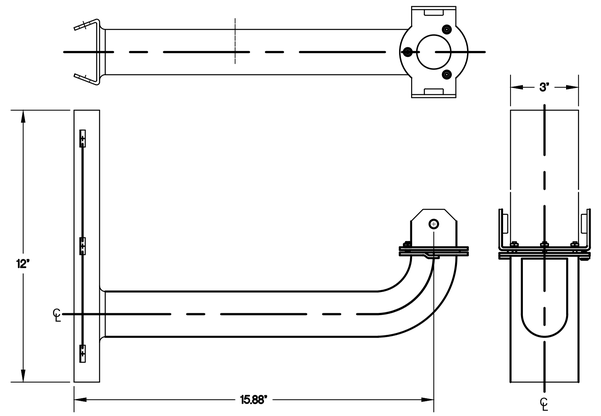
46" TO 74" EXTENSION BRACKET HORIZONTAL OR VERTICAL MOUNT



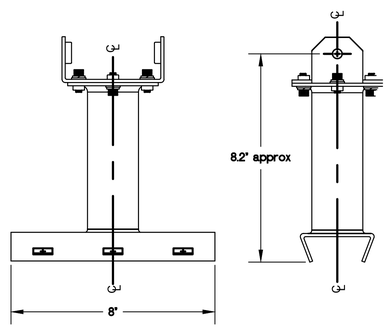
NOTE:
TYPICAL TUBE LENGTH IS 74", BUT ARE AVAILABLE UP TO 15'.

VIDEO DETECTION EXTENSION BRACKET

NOT TO SCALE



VERTICAL SURFACE MOUNTING BRACKET



HORIZONTAL MOUNTING BRACKET

TYPICAL CAMERA MOUNTING BRACKETS

NOT TO SCALE

GENERAL NOTES:
1. TYPE 3 VIDEO VEHICLE DETECTION (VIVTDS) WILL PROVIDE PRESENCE OR PULSE DETECTION OF VEHICLES, BICYCLES, AND PEDESTRIANS FOR TRAFFIC SIGNAL CONTROLLER INPUTS. TYPE 3 VIVTDS DETECTOR SHALL BE A SINGLE SENSOR HAVING A FISHEYE LENS FOR OMNIDIRECTIONAL VIEWING OF ROADWAY OR INTERSECTION. THE WORK SHALL CONSIST OF PROVIDING ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY TO FURNISH, INSTALL, AND TEST THE VIDEO VEHICLE DETECTION EQUIPMENT, COMPLETE AND READY FOR SERVICE.

ADDITIONAL SENSORS MAY BE REQUIRED FOR ADVANCED DETECTION. THESE SENSORS MAY BE TRADITIONAL FIXED SENSORS INCORPORATED INTO THE VIVTDS SYSTEM.

2. INSTALL VIDEO DETECTION PROCESSOR UNIT(S) INSIDE CONTROLLER CABINET UNLESS OTHERWISE NOTED ON PLANS.

3. AIM THE CAMERA SO THE HORIZON IS NOT VISIBLE IN THE FIELD OF VIEW.

4. INSURE WATER -TIGHT CABLE ENTRY AND EXIT POINTS FOR CONNECTIONS.

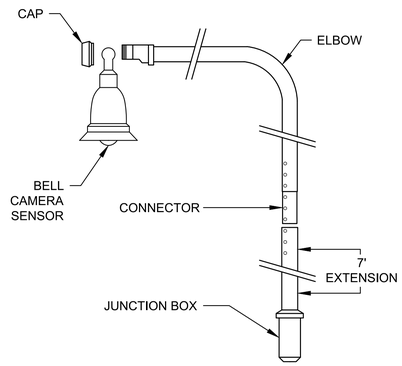
5. CONTRACTOR TO USE MANUFACTURE'S SUPPLIED OR APPROVED CABLE, CONNECTIONS AND MOUNTING HARDWARE.

6. DETECTION SUPPLIER TO ASSIST CONTRACTOR WITH INFORMATION ON BEST MOUNTING POSITION (LOCATION ON ARM, MOUNTING HEIGHT, ETC.).

7. POWER AND VIDEO CABLE PROVIDED SHALL BE AS RECOMMENDED BY THE MANUFACTURER FOR OPTIMAL VIDEO DETECTION PERFORMANCE. THE POWER AND VIDEO CABLE MAY BE INSTALLED UNDER THE SAME OUTER JACKET. THE CABLES WILL BE MEASURED BY THE LINEAR FOOT, MEASURED HORIZONTALLY ALONG THE CONDUIT, MESSENGER CABLE OR MAST ARM AND VERTICALLY ALONG THE POLE.

8. SURGE PROTECTION DEVICES SHALL BE PROVIDED FOR ALL NEW OR ADDED VIDEO DETECTION DEVICES AS RECOMMENDED BY THE MANUFACTURER.

9. ALL DETECTION UNITS SHALL BE NETWORKABLE DEVICES AND BE ON THE MDOT NETWORK IF NOTED ON PLANS.



TYPICAL 2-SECTION POLE ASSEMBLY FOR VIVTDS SENOR MOUNTING

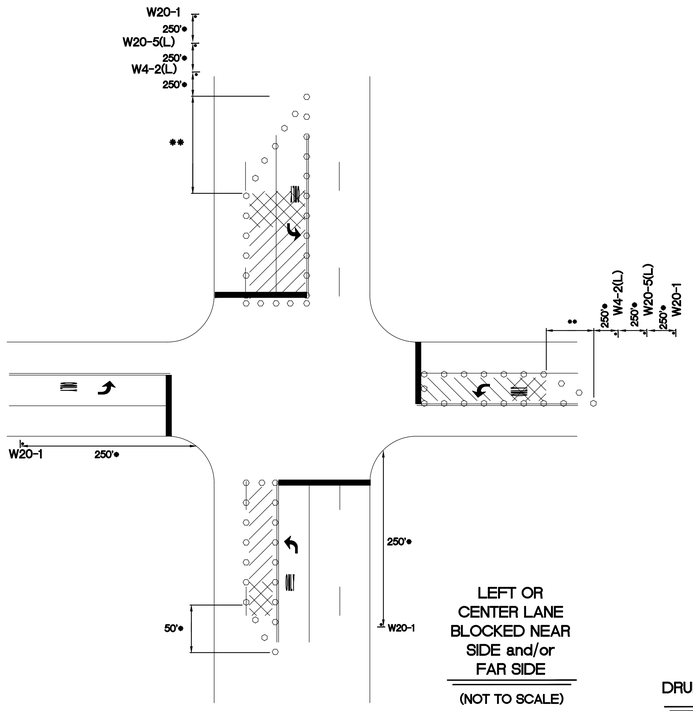
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DETECTION INSTALLATION FOR TRAFFIC SIGNALS

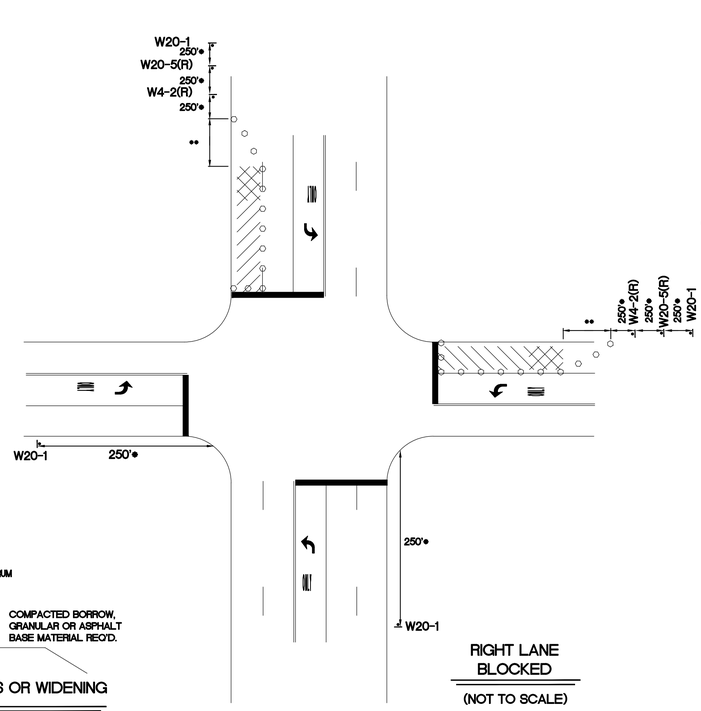
WORKING NUMBER:	DRAWING NUMBER:
TSD-9	2006

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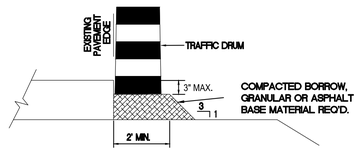
LEFT OR CENTER LANE BLOCKED NEAR SIDE and/or FAR SIDE

(NOT TO SCALE)



RIGHT LANE BLOCKED

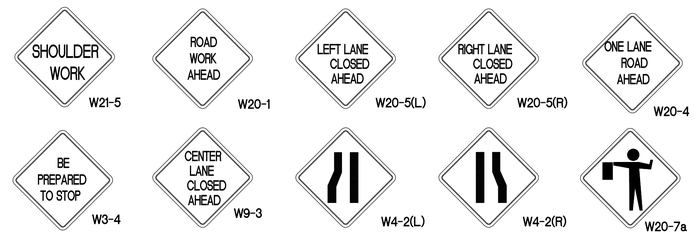
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DRUM PLACEMENT ON LOW SHOULDERS OR WIDENING

CONTRACTOR SHALL PLACE PLASTIC DRUMS ADJACENT TO ROADWAY IN AREAS WHERE THE WIDENING HAS NOT BEEN CONSTRUCTED TO WITHIN TWO INCHES OF EXISTING PAVEMENT ELEVATIONS. DRUMS REQUIRED WHERE WORK ZONE INCLUDES UNDERCUT SHOULDER AND REMOVAL OF CURB AND GUTTER. DRUMS TO BE PLACED AS SHOWN IN DETAILS, LEFT FOR NIGHT OPERATION OR SUSPENSIONS OF WORK. COST TO BE ABSORBED (UNDER PAY ITEM 618-A).

SIGN LEGEND



GENERAL NOTES:

1. ADDITIONAL ADVANCE WARNING SIGNS MAY BE NECESSARY. ANY ADDITIONAL SIGNS SHOULD BE INCLUDED UNDER PAY ITEM 618-A, MAINTENANCE OF TRAFFIC.

2. POST MOUNTED SIGNS SHALL HAVE A 7' MINIMUM MOUNTING HEIGHT.

3. PAYMENT FOR ALL SIGNS, CONES, DRUMS, CONCRETE BARRIERS, STEEL PLATES AND OTHER MATERIALS, BARRICADES, LABOR AND INCIDENTALS REQUIRED TO IMPLEMENT THE TRAFFIC CONTROL PLAN SHALL BE INCLUDED UNDER PAY ITEM 618-A, MAINTENANCE OF TRAFFIC.

4. APPROACH SIDE TRAFFIC CONTROL TO BE USED WHEN WORK OCCURS ON EITHER THE APPROACH SIDE OR THE FAR SIDE OF THE INTERSECTION. FAR SIDE TRAFFIC CONTROL IS NOT NEEDED WHEN WORK IS CONFINED TO THE APPROACH SIDE ONLY.

5. FOR A DIVIDED HIGHWAY SITUATION, A SECOND SET OF ADVANCE WARNING SIGNS SHALL BE ERECTED IN MEDIAN AREA (8' MIN. MEDIAN WIDTH REQUIRED).

LEGEND

○ DRUMS (30' MAXIMUM SPACING) - CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES USED IN SPEED ZONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF FIFTEEN (15) POUNDS. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.

W20-1 •| SIGNS - SEE SIGN LEGEND MIN. SIZE 48" x 48", BLACK ON ORANGE BACKGROUND

FLAGGER WITH PADDLE - 18" STOP/SLOW PADDLES ACCEPTED AS PROPER TRAFFIC CONTROL DEVICES SHALL BE USED. HAND HELD FLAGS SHALL NOT BE FOR FLAGGING OPERATION.

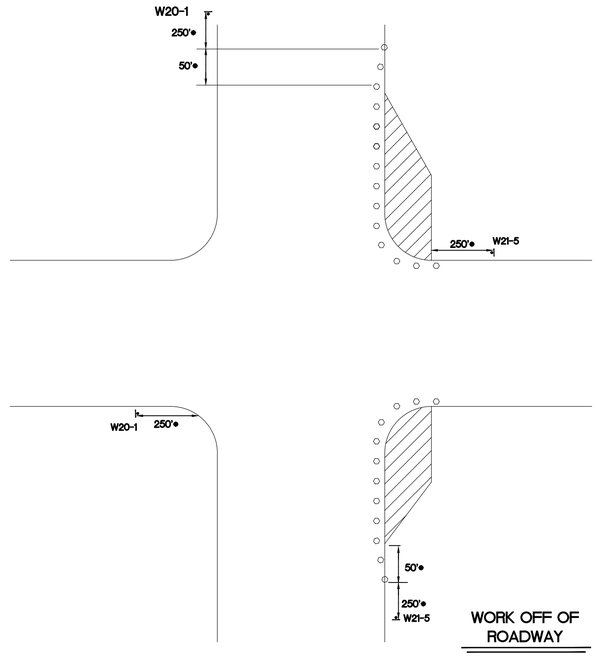
WORK AREA

BUFFER AREA

* CONSIDERED MINIMUM DISTANCE - ENGINEER TO DETERMINE APPROPRIATE SPACING IN THE FIELD

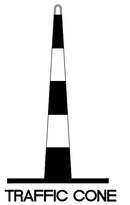
**

SPEED LIMIT M.P.H.	BUFFER FEET	TAPER LENGTH (Feet) (Per 12' Lane Shift)
20	115	80
25	155	125
30	200	180
35	250	245
40	305	320
45	360	540
50	425	600
55	495	660
60	570	720
65	645	780
70	730	840



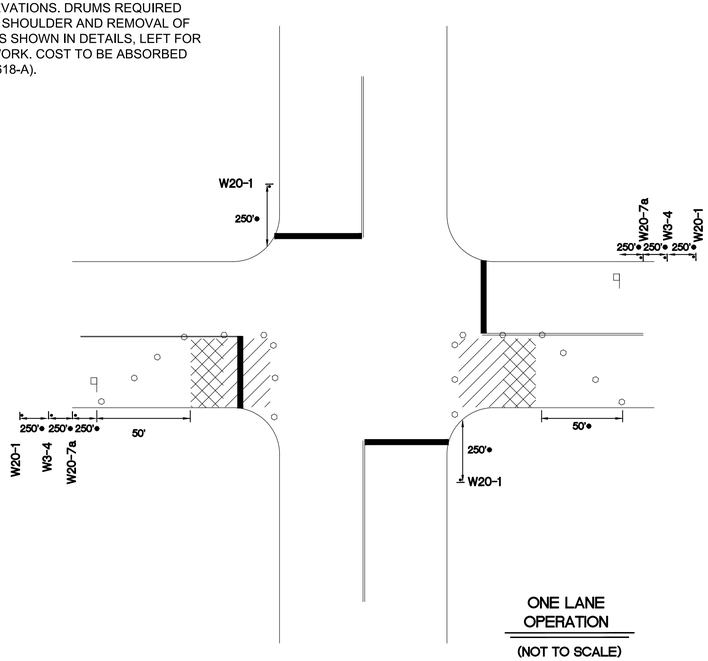
WORK OFF OF ROADWAY

(NOT TO SCALE)



TRAFFIC CONE

CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES USED IN SPEED ZONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF FIFTEEN (15) POUNDS. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.



ONE LANE OPERATION

(NOT TO SCALE)

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TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION)

WORKING NUMBER:	DRAWING NUMBER:
TSD-11	2007

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LIGHTING NOTES

1. ALL LIGHTING ASSEMBLY LOCATIONS WILL BE STAKED IN THE FIELD BY THE CONTRACTOR. THESE LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION OF THE ASSEMBLIES. COST OF STAKING SHALL BE ABSORBED IN OTHER ITEMS.

2. ALL QUANTITIES SHOWN FOR BRANCH CIRCUITS ARE APPROXIMATE AND MAY NOT REFLECT LENGTHS REQUIRED BY THE TERRAIN IN THE FIELD.

3. THE COST OF DISPOSING OF MATERIALS DEEMED AS EXCESS EXCAVATION SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.

4. CONTRACTOR SHALL PROVIDE TOUCH UP PAINT SUPPLIED BY POLE MANUFACTURER TO MATCH POLE FINISH.

5. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

6. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS (INCLUDING MISSISSIPPI ONE CALL) TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.

7. METAL POLES SHALL BE SHIPPED TO SITE LOCATION SECURED WITH NYLON OR OTHER SUITABLE TIE DOWN MEANS TO PREVENT DAMAGE TO POLE SURFACE. CABLE OR CHAIN LASHINGS ARE NOT TO BE USED.

8. CONTRACTOR MAY JACK OR BORE A SINGLE SLEEVE FOR INSTALLATION OF MULTIPLE BRANCH CIRCUIT CONDUITS AT A ROADWAY CROSSING, RATHER THAN JACKING OR BORING INDIVIDUAL CONDUITS. THE INSTALLATION OF THE SLEEVE AND FIRST CONDUIT WILL BE PAID FOR AT THE BID PRICE FOR UNDERGROUND BRANCH CIRCUIT (JACKED OR BORED). ADDITIONAL CONDUITS PLACED IN THE SLEEVE SHALL BE PAID FOR AT THE BID PRICE OF REGULAR UNDERGROUND BRANCH CIRCUIT. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR LARGER SLEEVE. SUBMIT SIZE OF SLEEVE AND MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.

9. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID FOR CONTRACT ITEMS.

10. A TREMIE SHALL BE USED TO PLACE CONCRETE FOR FOUNDATIONS.

11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE THE NECESSARY ARRANGEMENTS WITH THE LOCAL POWER COMPANY TO PROVIDE THE POWER SUPPLY ASSEMBLY FOR ANY NEW INSTALLATION. THE CONTRACTOR SHALL PAY FOR, AT NO COST TO THE LOCAL AGENCY, ALL DEPOSITS, CONNECTION CHARGES, OR OTHER SERVICE FEES REQUIRED BY THE POWER COMPANY FOR THE ESTABLISHMENT OF NEW SERVICE. THE COST OF ALL SUCH FEES SHALL BE CONSIDERED INCIDENTAL AND ABSORBED WITHIN EXISTING PAY ITEMS. THE DEPARTMENT OR THE LOCAL AGENCY WILL BE RESPONSIBLE FOR PAYMENT OF THE MONTHLY SERVICE BILL FOR THE NEW POWER SERVICE INSTALLATION.

ABBREVIATIONS

@	– AT
ASPH.	– ASPHALT
AVE.	– AVENUE
A.W.G.	– AMERICAN WIRE GAUGE
B.O.P.	– BEGINNING OF PROJECT
BRCH.	– BRANCH
℄	– CENTERLINE
CONC.	– CONCRETE
CMP	– CORRUGATED METAL PIPE
CPP	– CORRUGATED PLASTIC PIPE
CKT	– CIRCUIT
CY	– CUBIC YARDS
DBL	– DOUBLE
DIA. OR ø	– DIAMETER
DIM	– DIMENSION
EA.	– EACH
E.O.P.	– END OF PROJECT
EX.	– EXISTING
EXP.	– EXPOSED
FT.	– FEET
GALV	– GALVANIZE
GND	– GROUND
GFI	– GROUND FAULT INTERRUPTER
GRC	– GALVANIZED RIGID CONDUIT
H.P.S.	– HIGH PRESSURE SODIUM
"	– INCHES
ISF	– ONE STORY FRAME
I.E.S.	– ILLUMINATING ENGINEERING SOCIETY
LA–?	– LIGHTING ASSEMBLY – NUMBER
LBS.	– POUNDS
LED	– LIGHT EMITTING DIODE
L.F.	– LINEAR FEET
L.S.	– LUMP SUM
LT.	– LEFT
m	– METER
MDOT	– MISSISSIPPI DEPARTMENT OF TRANSPORTATION
MIN.	– MINIMUM
NE.	– NORTHEAST
NO. OR #	– NUMBER
NPS	– NOMINAL PIPE SIZE
N.T.S.	– NOT TO SCALE
NW	– NORTHWEST
O.C.	– ON CENTER
±	– PLUS OR MINUS
PP	– POWER POLE
P.S.I.	– POUNDS PER SQUARE INCH
PVC	– POLYVINYL CHLORIDE
RCP	– REINFORCED CONCRETE PIPE
RCAP	– REINFORCED CONCRETE ARCH PIPE
REINF	– REINFORCED
R.O.W.	– RIGHT OF WAY
RT.	– RIGHT
SE.	– SOUTHEAST
S.S.	– STREET
STA.	– STATION
ST.	– STAINLESS STEEL
S.P.C.	– SECONDARY POWER CONTROLLER
SW.	– SOUTHWEST
(TYP.)	– TYPICAL
THW	– THERMOLASTIC HEAT AND MOISTURE RESISTANT
UNGD.	– UNDERGROUND

LEGEND

LA–? / A / ? — INDICATES ORIENTATION OF LUMINAIRE

LA–? / B / ? — LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO., 25FT. LUMINAIRE MOUNTING HEIGHT, 3FT. MOUNTING ARM, 1 – 97 WATT LED TYPE III DISTRIBUTION LUMINAIRES, < INDICATES ORIENTATION OF LUMINAIRE, SIDEWALK FIXTURE IS 61 WATTS (TYPE 25–2–3–97/61)

LA–? / C / ? — LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND CIRCUIT NO., 25FT. LUMINAIRE MOUNTING HEIGHT, 3FT. MOUNTING ARM, 2 – 97 WATT LED TYPE III DISTRIBUTION LUMINAIRES. (TYPE 25–2–3–97), < INDICATES ORIENTATION OF LUMINAIRE

3#8,1"C — UNDERGROUND SECONDARY BRANCH CIRCUIT, NO. OF CONDUCTORS

?? L.F. — UNDERGROUND BRANCH CIRCUIT, JACKED OR BORED, LENGTH.

REC–? / WP GFI — RECEPTACLE ON POST, GFI AND WHILE IN USE WEATHERPROOF COVER

SPC #? — SECONDARY POWER CONTROLLER

42+00 — PROPOSED ALIGNMENT AND STATION

T — EXISTING TELEPHONE LINE

6"W — EXISTING UNDERGROUND WATER LINE

G — EXISTING UNDERGROUND GAS LINE

P — EXISTING OVERHEAD POWER LINE

OHE — EXISTING OVERHEAD ELECTRIC

8"SS — EXISTING SANITARY SEWER LINE

18" CPP — EXISTING CULVERT

EXISTING FENCE

EXISTING FENCE

EXISTING BACK OF CURB

EXISTING EDGE OF PAVEMENT

EXISTING GRAVEL

EXISTING SIDEWALK

EXISTING FLOWLINE

EXISTING TOE OF SLOPE

EXISTING 8' FLAT BOTTOM CONCRETE DITCH

EXISTING WETLAND

EXISTING RAILROAD TRACK

EXISTING DRAINAGE STRUCTURE

PP — EXISTING POWER POLE

PP — EXISTING POWER POLE & GUY WIRE

T — EXISTING TELEPHONE PEDESTAL

SB — EXISTING TRAFFIC SIGNAL CABINET

WV — EXISTING WATER VALVE

WM — EXISTING WATER METER

EXISTING FIRE HYDRANT

CO — EXISTING CLEANOUT

S — EXISTING SANITARY SEWER MANHOLE

EXISTING TREE OR BUSH

EXISTING TREELINE

EXISTING RIGHT–OF–WAY LINE

1SM — EXISTING BUILDING

NOTICE TO DRAWING HOLDER

NEEL–SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

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FILENAME: 16214_Gen–Notes–Abbrev.dwg	
SCALE: NO SCALE	
SURVEYED BY:	
DSGN: VR/KC	DATE: 08/2021
DRWN: JEM	DATE: 08/2021
CHKD: GPC/JPF	DATE: 08/2021
QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

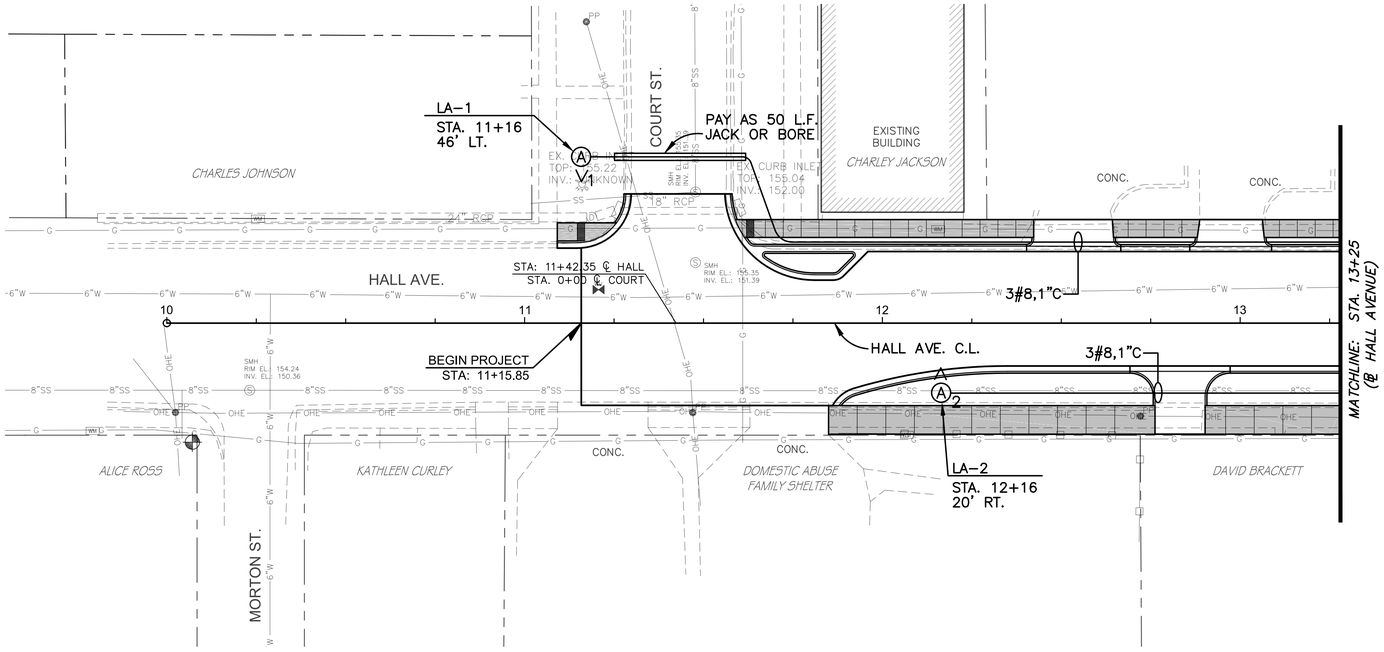
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL–SCHAFFER
Solutions you can build upon

LIGHTING
GENERAL NOTES
ABBREVIATIONS AND LEGEND

WORKING NUMBER:	DRAWING NUMBER:
LN-1	4001

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NOTE:

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE MANNER ONLY. THE CONTRACTOR SHALL DETERMINE ALL EXISTING UTILITIES BEFORE COMMENCING WORK.

NO.	STATION	OFFSET	REMARKS
LA–1	11+16	46 FT. LT.	HALL AVE. C.L.
LA–2	12+16	20 FT. RT.	HALL AVE. C.L.

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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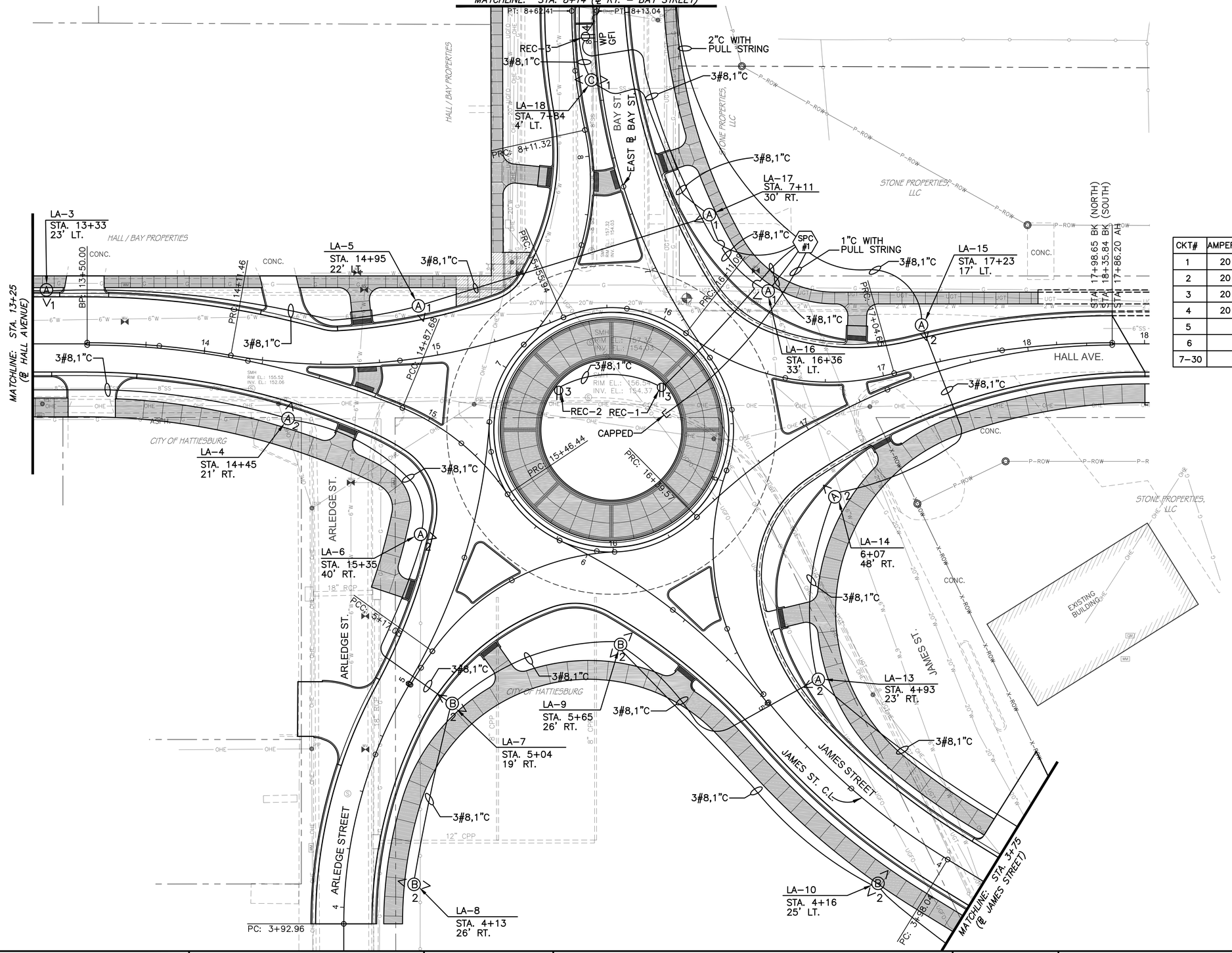
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL–SCHAFFER
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LIGHTING PLAN
HALL AVENUE
B.O.P. TO STA. 13+25

WORKING NUMBER:	DRAWING NUMBER:
LP-1	4002

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SECONDARY POWER CONTROLLER

SPC # 1 STATION 16+52
LOCATION LT. OF HALL AVE. C.L.
BUS 100 AMPERE 100 AMPERE MCB
240 VOLTS 1 PHASE 3 WIRE 60 HZ.
SURFACE MOUNTED–NEMA 3R–COPPER BUS
BOTTOM FED WITH GROUND BUS
FEEDER SIZE #2

CKT#	AMPERES	POLES		KVA
1	20	2	LA–2,4,15,16,17,18,19	1.20
2	20	2	LA–1,3,5,6,7,8,9,10,11,12,13,14	2.20
3	20	1	REC–1,2	0.40
4	20	1	REC–3,4	0.40
5				
6				
7–30				
			TOTAL	4.20

NOTE:
THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE MANNER ONLY. THE CONTRACTOR SHALL DETERMINE ALL EXISTING UTILITIES BEFORE COMMENCING WORK.

NO.	STATION	OFFSET	REMARKS
LA–3	13+33	23 FT. LT.	HALL AVE. C.L.
LA–4	14+45	21 FT. RT.	HALL AVE. C.L.
LA–5	14+95	22 FT. LT.	HALL AVE. C.L.
LA–6	15+35	40 FT. RT.	HALL AVE. C.L.
LA–7	5+04	19 FT. RT.	ARLEDGE ST. C.L.
LA–8	4+13	26 FT. RT.	ARLEDGE ST. C.L.
LA–9	5+85	26 FT. RT.	JAMES C.L.
LA–10	4+16	25 FT. LT.	JAMES C.L.
LA–13	4+93	23 FT. RT.	JAMES C.L.
LA–14	5+98	48 FT. RT.	HALL AVE. C.L.
LA–15	17+23	17 FT. LT.	HALL AVE. C.L.
LA–16	16+36	33 FT. LT.	HALL AVE. C.L.
LA–17	7+11	30 FT. RT.	EAST ℄ BAY ST.
LA–18	7+84	4 FT. LT.	EAST ℄ BAY ST.

GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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DRWN: JEM	DATE: 08/2021
CHKD: GPC/JPF	DATE: 08/2021
QA/QC:	DATE:

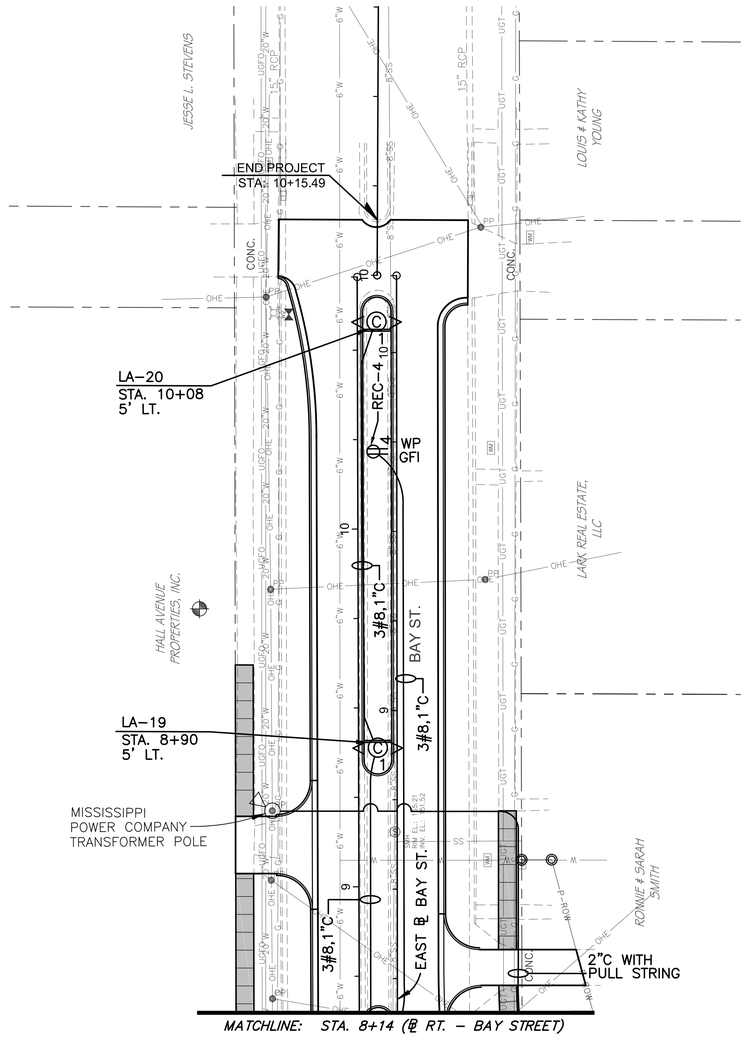
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL–SCHAFFER
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LIGHTING PLAN
ROUNDABOUT

WORKING NUMBER:	DRAWING NUMBER:
LP-2	4003

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NOTE:

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE MANNER ONLY. THE CONTRACTOR SHALL DETERMINE ALL EXISTING UTILITIES BEFORE COMMENCING WORK.

NO.	STATION	OFFSET	REMARKS
LA-19	8+90	5 FT. LT.	EAST ℄ BAY ST.
LA-20	10+08	5 FT. LT.	EAST ℄ BAY ST.

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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DSGN: VR/KC	DATE: 08/2021
DRWN: JEM	DATE: 08/2021
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QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

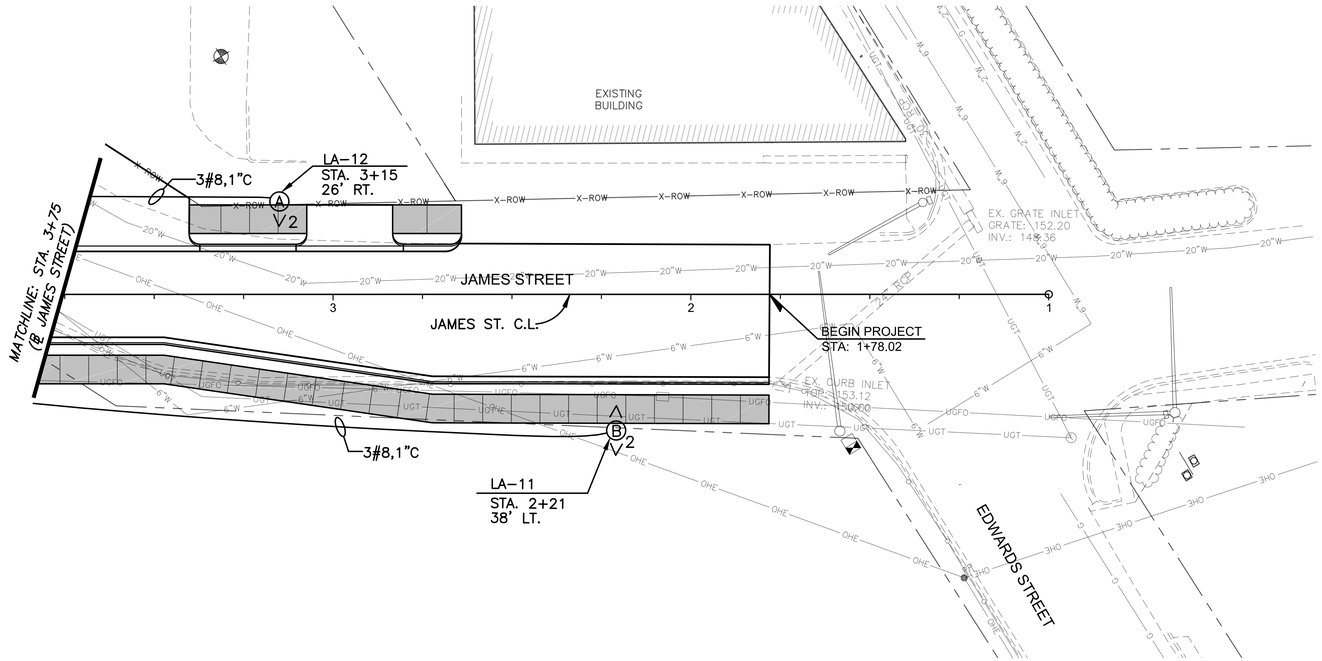
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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LIGHTING PLAN
BAY STREET
STA. 8+14 TO E.O.P.

WORKING NUMBER:	DRAWING NUMBER:
LP-3	4004

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NOTE:

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NO.	STATION	OFFSET	REMARKS
LA–11	2+21	38 FT. LT.	JAMES ST. C.L.
LA–12	3+15	26 FT. RT.	JAMES ST. C.L.

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

NOTICE TO DRAWING HOLDER

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QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000

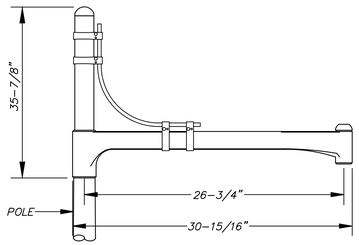
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

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LIGHTING PLAN
JAMES STREET
B.O.P. TO STA. 3+75

WORKING NUMBER:	DRAWING NUMBER:
LP-4	4005

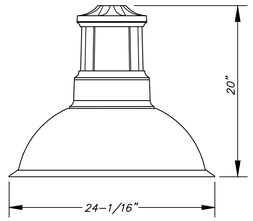
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SINGLE POLE MOUNT ARM WITH ROUNDED UPPER BAR

1 / LD–1

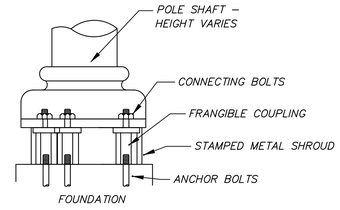
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LUMINAIRE–LED LIGHTING ASSEMBLY DETAIL

2 / LD–1

N.T.S.

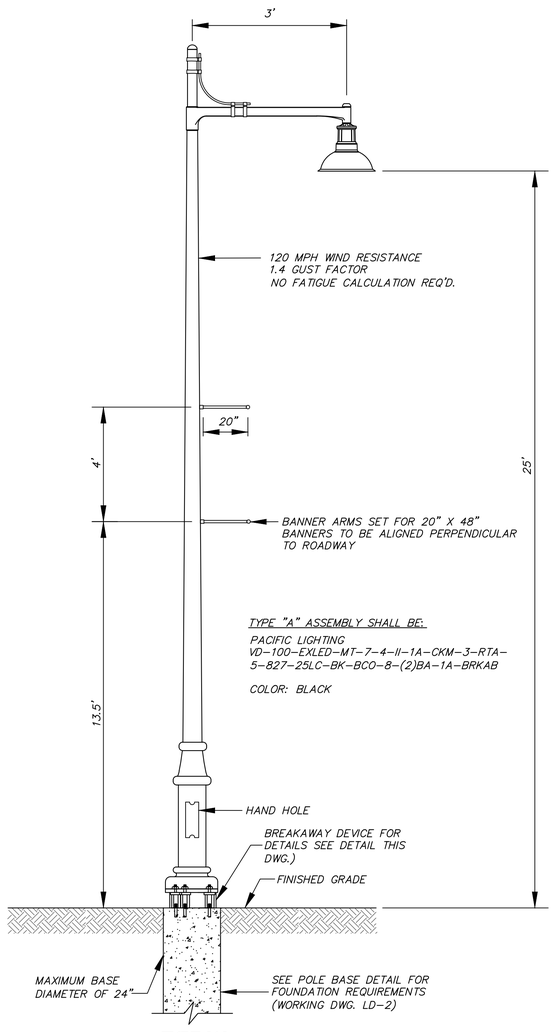


TYPICAL FRANGIBLE COUPLING

TYPICAL BREAKAWAY BASES

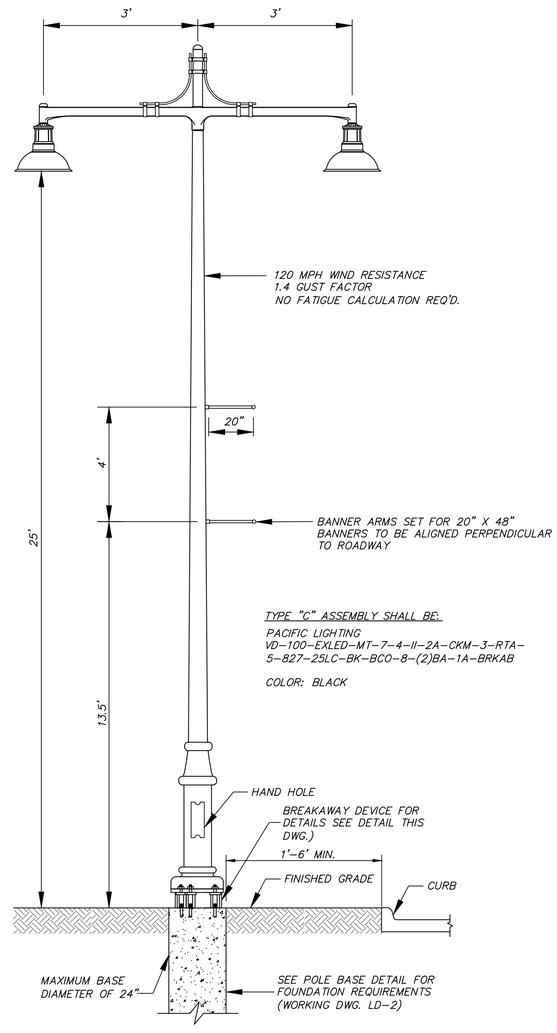
3 / LD–1

N.T.S.



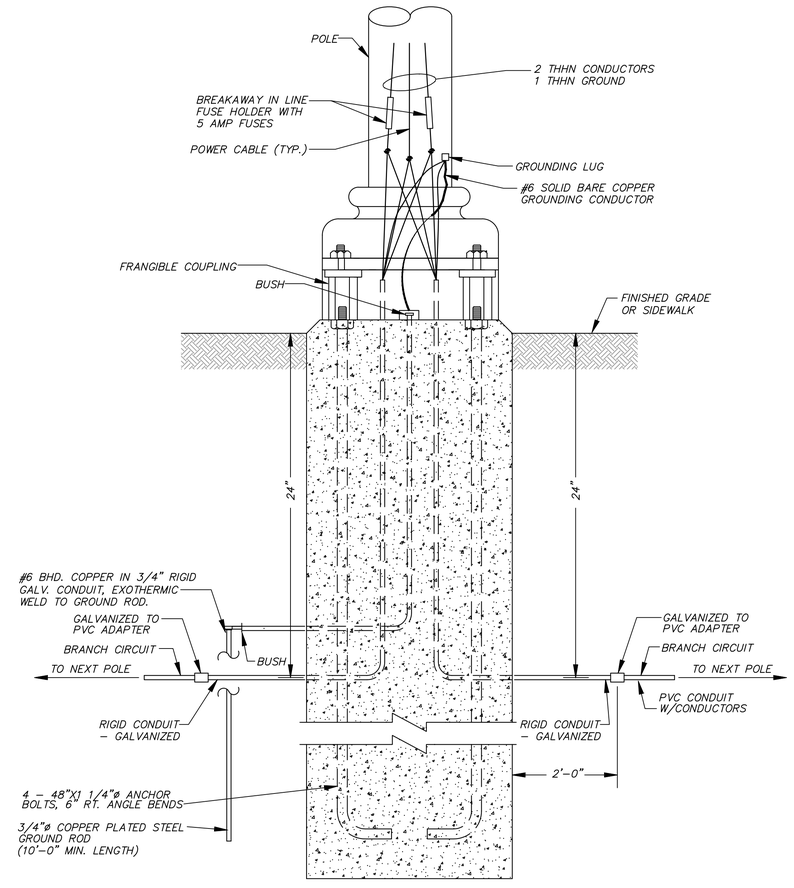
TYPE 'A' LIGHTING ASSEMBLY

N.T.S.



TYPE 'C' LIGHTING ASSEMBLY

N.T.S.



WIRING DIAGRAM

N.T.S.

NOTES:

1. KEEPER PLATE IS FABRICATED FROM #28 GAUGE GALVANIZED SHEET STEEL. ONE (1) FURNISHED WITH EACH POLE EQUIPPEDWITH SLIP BASE.
2. SLIP ANCHOR PLATE IS FABRICATED FROM STEEL PLATE COMFORMING TO ASTM A–36 WITH MINIMUM YIELD STRENGTH OF 36 KSI
   ONE (1) SLIP ANCHOR PLATE IS FURNISHED WITH EACH SLIP BASE EQUIPPED POLE.
3. BREAKWAY DEVICES MUST MEET THE REQUIREMENTS OF THE 2001 AASHTO STANDARD SPECIFICATIONS OF STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.
4. CONTRACTOR SHALL LIMIT THE AMOUNT OF WIRE USED IN THE BASE OF THE BREAKAWAY DEVICE SO THAT THE CIRCUIT WILL ELECTRICALLY DISCONNECT AS CLOSE AS POSSIBLE TO THE TOP OF THE FOUNDATION. WHEN STRUCK BY AN ERRANT VEHICLE.
5. CONDUIT PROJECTING INTO THE POLE SHALL BE CUT OFF LOW ENOUGH TO ENSURE IT DOES NOT EFFECT THE OPERATION OF THE BREAKWAY DEVICE. IN NO INSTANCE SHALL THE CONDUIT PROJECT ABOVE THE MAXIMUM 4" STUB HEIGHT.
6. IF A DECORATIVE SHELL OR CASTING IS REQUIRED FOR AESTHETIC, DOCUMENTS SHALL BE SUBMITTED BY MANUFACTURER INDICATING THE DEVICES MEET THE AASHTO BREAKAWAY REQUIREMENTS.

NOTICE TO DRAWING HOLDER

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DRWN: JEM	DATE: 08/2021
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QA/QC:	DATE:

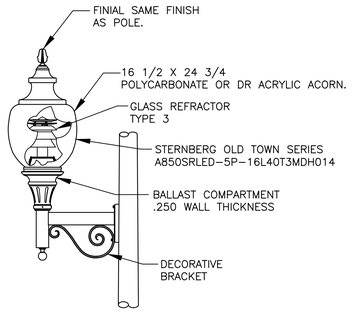
HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL–SCHAFFER
Solutions you can build upon

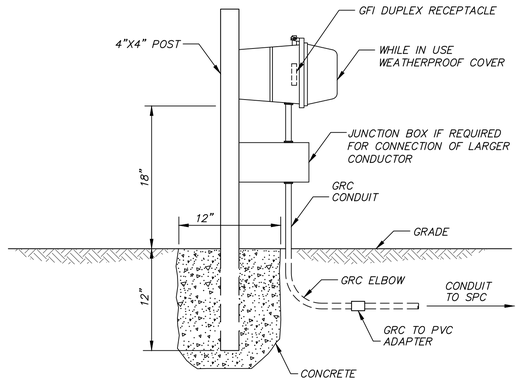
LIGHTING DETAILS 1

WORKING NUMBER:	DRAWING NUMBER:
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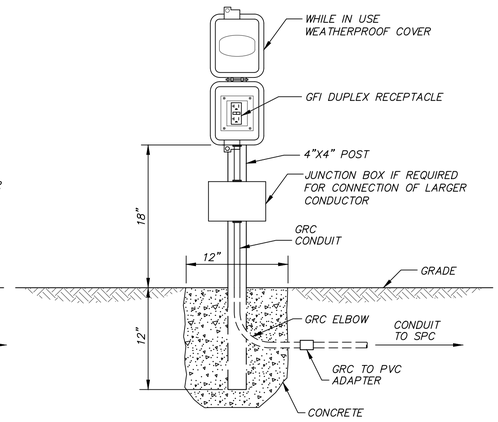
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1 LD-2 **LUMINAIRE-LED LIGHTING ASSEMBLY DETAIL**
N.T.S.

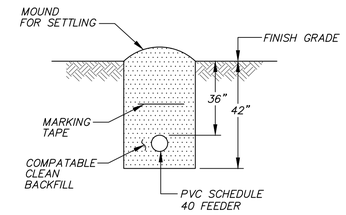


SIDEVIEW
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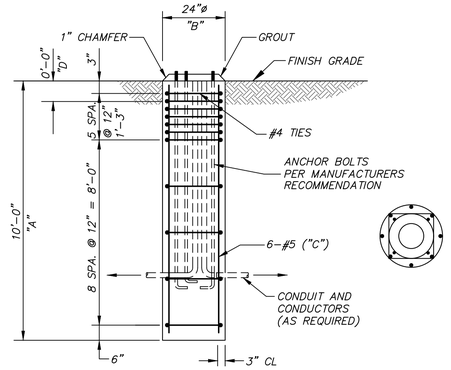


FRONT VIEW
N.T.S.

2 LD-2 **RECEPTACLE DETAIL**
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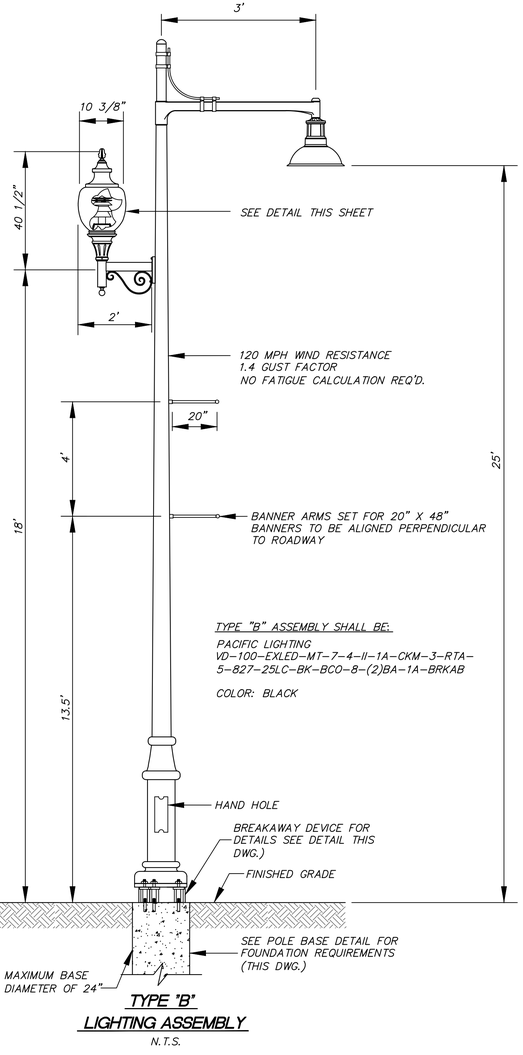


4 LD-2 **LIGHTING CABLE TRENCHING DETAIL**
N.T.S.

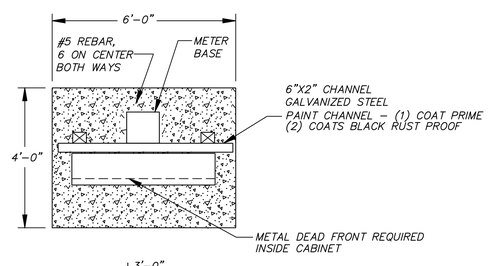


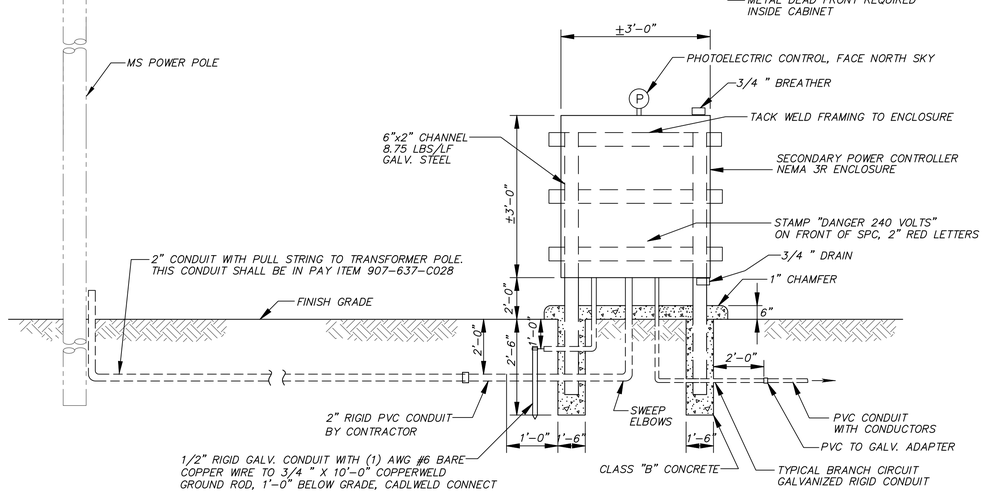
F'_c = 3,500 PSI
F_y = 60,000 PSI

3 LD-2 **FOUNDATION DETAILS**
N.T.S.

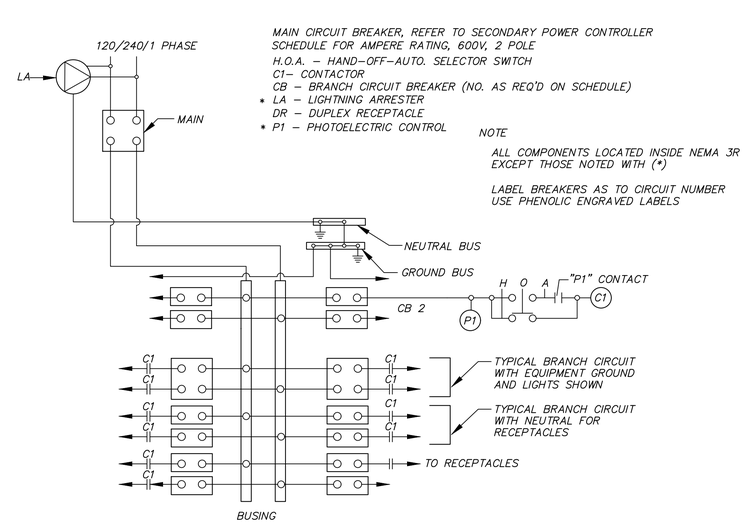


TYPE 'B' LIGHTING ASSEMBLY
N.T.S.





5 LD-2 **SECONDARY POWER CONTROLLER DETAIL**
N.T.S.



6 LD-2 **SCHEMATIC OF LIGHTING CONTROLLER DETAIL**
N.T.S.

LIGHTING ASSEMBLY LOW MAST SCHEDULE - FOUNDATIONS

POLE DESIGNATION	TYPE	A	B	C	D
A	25-1-3-LED	10'	2'	6-#5	0"
B	25-2-3-LED	10'	2'	6-#5	0"
C	25-2-3-LED	10'	2'	6-#5	0"

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REVISIONS				DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION	N-S PROJECT NO.: NS.16214.01	
				FILENAME: 16214_Light-Det-2.dwg	
				SCALE: NO SCALE	
				SURVEYED BY:	
				DSGN: VR/KC	DATE: 08/2021
				DRWN: JEM	DATE: 08/2021
				CHKD: GPC/JPF	DATE: 08/2021
				QA/QC:	DATE:

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

LIGHTING DETAILS II

WORKING NUMBER:	DRAWING NUMBER:
LD-2	4007

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ESTIMATED QUANTITIES - LIGHTING ITEMS

LIGHTING ASSEMBLY	STATION	LOW MAST TYPE A	LOW MAST TYPE B	LOW MAST TYPE C	RECEPTACLE	FIXTURE MOUNTING HEIGHT	NUMBER OF LUMINAIRES	LAMP WATTS	S.P.C. NUMBER	LAMP TYPE	IES TYPE	BREAKAWAY DEVICE REQUIRED	FOUNDATION CONCRETE C.Y. 24" DIA.	UNGD. BRANCH CKT. AWG, # L.F. 3 CONDUCTORS #8	#6	#2		CONDUIT WITH PULL STRING 1"	2"			UNDERGROUND BRANCH CKT. JACKED OR BORED AWG, # L.F. 3 CONDUCTORS #8	#6		
LA-1	11+16	1				25	1	97	1	LED	III	X	1.20	145								50			
LA-2	12+16	1				25	1	97	1	LED	III	X	1.20	280											
LA-3	13+33	1				25	1	97	1	LED	III	X	1.20	170											
LA-4	14+45	1				25	1	97	1	LED	III	X	1.20	100											
LA-5	14+95	1				25	1	97	1	LED	III	X	1.20	150											
LA-6	15+35	1				25	1	97	1	LED	III	X	1.20	100											
LA-7	5+04		1			25	2	97/61	1	LED	III	X	1.20	90											
LA-8	4+13		1			25	2	97/61	1	LED	III	X	1.20	80											
LA-9	5+85		1			25	2	97/61	1	LED	III	X	1.20	130											
LA-10	4+16		1			25	2	97/61	1	LED	III	X	1.20	150											
LA-11	2+21		1			25	2	97/61	1	LED	III	X	1.20	100											
LA-12	3+15	1				25	1	97	1	LED	III	X	1.20	150											
LA-13	4+93	1				25	1	97	1	LED	III	X	1.20	70											
LA-14	5+98	1				25	1	97	1	LED	III	X	1.20	115											
LA-15	17+23	1				25	1	97	1	LED	III	X	1.20	80											
LA-16	16+36	1				25	1	97	1	LED	III	X	1.20	80											
LA-17	7+11	1				25	1	97	1	LED	III	X	1.20	50											
LA-18	7+84			1		25	2	97	1	LED	III	X	1.20	80											
LA-19	8+90			1		25	2	97	1	LED	III	X	1.20	110											
LA-20	10+08			1		25	2	97	1	LED	III	X	1.20	120											
REC-1	16+15				1									90											
REC-2	7+06				1									50											
REC-3	8+03				1									130											
REC-4	9+72				1									160											
SPARE CONDUIT																		100							
SPC-1	16+52																		210						
TOTAL		12	5	3	4								24.00	2780				100	210			50			

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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SURVEYED BY:	
DSGN: VR/KC	DATE: 08/2021
DRWN: JEM	DATE: 08/2021
CHKD: GPC/JPF	DATE: 08/2021
QA/QC:	

HALL AVENUE - PHASE 1 - ROUNDABOUT
INTERSECTION OF BAY ST/ ARLEDGE ST/ JAMES ST.
FEDERAL AID PROJECT NO.
FBLD-8769-00(001)LPA / 108639-801000
CITY OF HATTIESBURG - FORREST COUNTY
HATTIESBURG, MISSISSIPPI

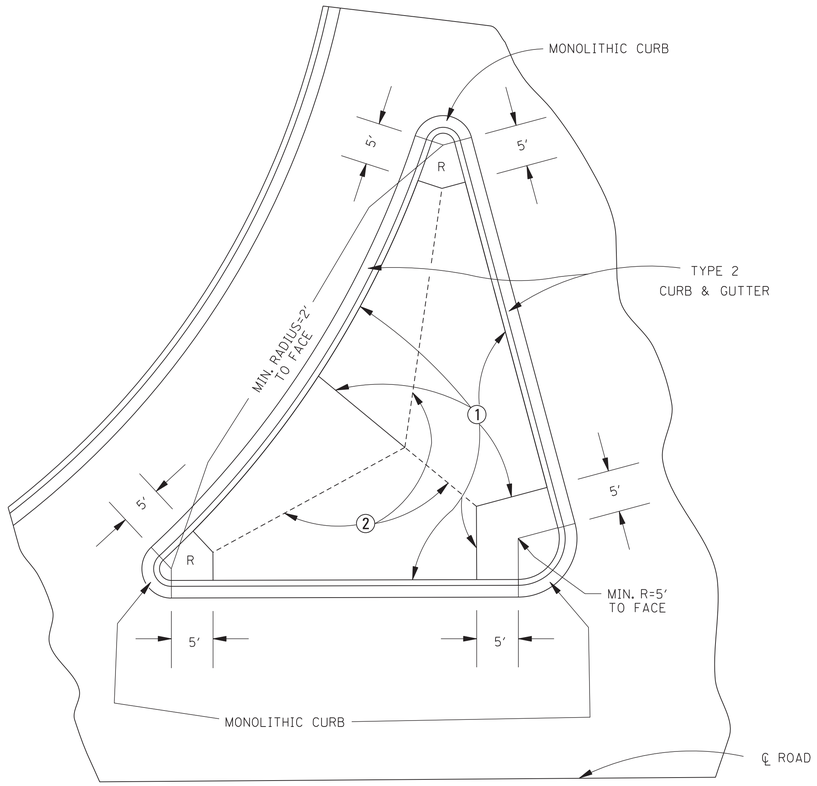
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ESTIMATED QUANTITIES
LIGHTING ITEMS

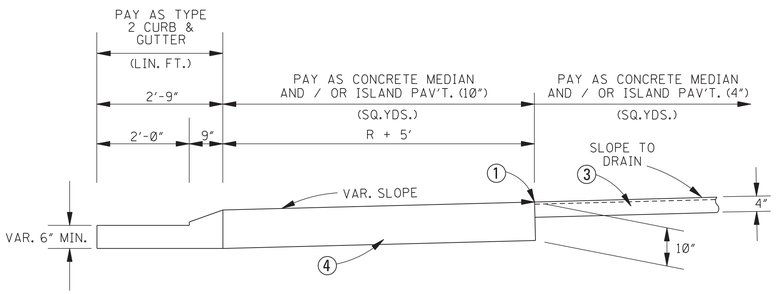
WORKING NUMBER:	DRAWING NUMBER:
LEQ-1	4008

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STATE	PROJECT NO.
MISS.	



PLAN VIEW OF MONOLITHIC
CURB & GUTTER AT ISLAND



TYPICAL DETAIL OF MONOLITHIC CURB & GUTTER AT ISLAND

(1) ½" PREMOLDED EXPANSION JOINT (NOT A PAY ITEM) (SPACED AS PER SHEETS SD-1 OR SD-2)

(2) ½" TOOLED CONTRACTION JOINT OR ½" PREMOLDED EXPANSION JOINT (NOT A PAY ITEM)
(SPACED AS PER SHEETS SD-1 OR SD-2) AS DIRECTED BY THE ENGINEER.

(3) 4" CONCRETE MEDIAN AND/OR ISLAND PAVEMENT

(4) 10" CONCRETE MEDIAN AND/OR ISLAND PAVEMENT

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

CONCRETE ISLAND PAVEMENT DETAILS

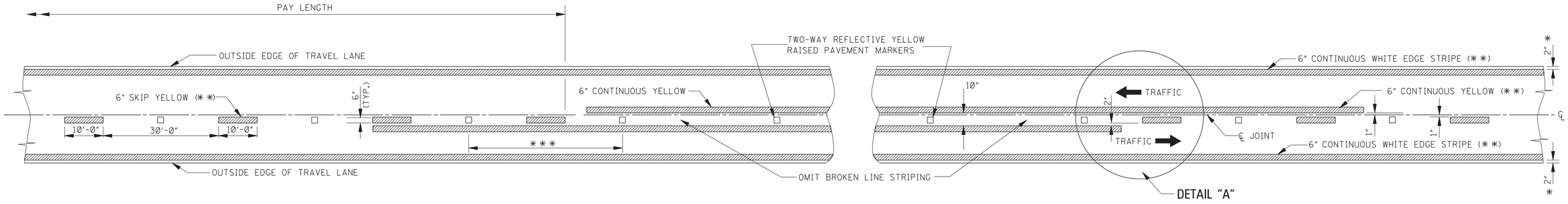
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER
CIP-1

ISSUE DATE: AUGUST Ø1, 2Ø17

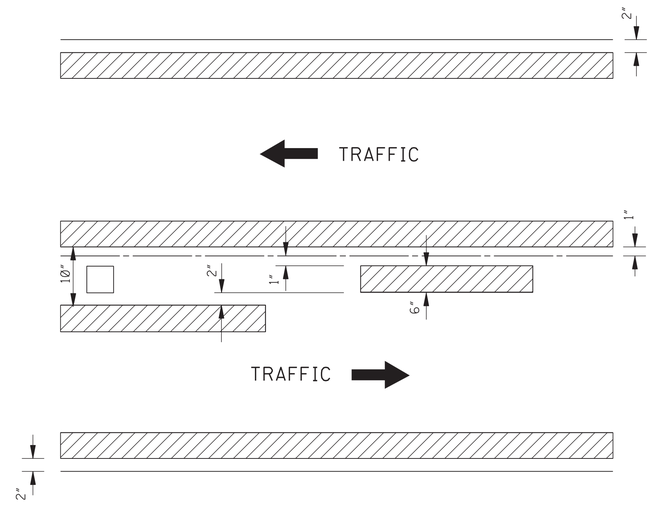
SHEET NUMBER
6Ø11

STATE	PROJECT NO.
MISS.	



TWO–WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)

NOTE: THE CRITERIA FOR NO-PASSING ZONES CAN BE FOUND IN THE MDOT ROADWAY DESIGN MANUAL, SECTION 11-1.01.



DETAIL "A"

DIRECTION OF TRAFFIC

GENERAL NOTES:

* 1. 2" UNLESS SHOWN ELSEWHERE ON THE PLANS. FOR STRIPING ON RUMBLE STRIP SECTIONS REFER TO WK. SHEETS RS-1, RS-2, AND RS-3.

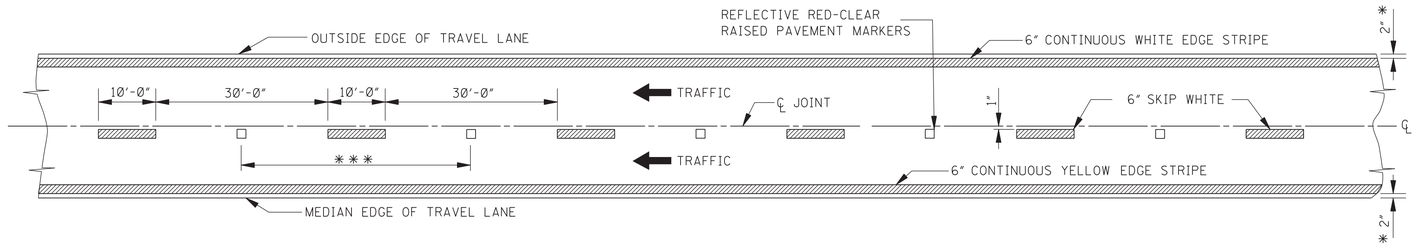
* * 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE (PAINT OR PLASTIC AS INDICATED IN PAY ITEMS).

* * * 3. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

	URBAN AREA (ft-in)	RURAL AREA (ft-in)
TANGENT SECTIONS	40'-0"	80'-0"
HORIZONTAL CURVES	40'-0"	40'-0"
INTERCHANGE LIMITS	40'-0"	† 40'-0"

† NOTE: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON LANE-LINE(S) THROUGH ALL INTERCHANGE AREAS BEGINNING 1000' IN ADVANCE (IN DIRECTION OF TRAFFIC) OF THE EXIT RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.

4. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE RAISED PAVEMENT MARKERS AS LISTED IN THE MDOT "APPROVED SOURCES OF MATERIALS."



4–LANE WITH ONE–WAY TRAFFIC

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

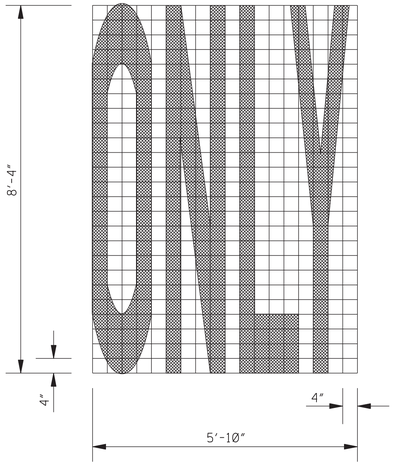
PAVEMENT MARKING DETAILS FOR 2–LANE AND 4–LANE DIVIDED ROADWAYS

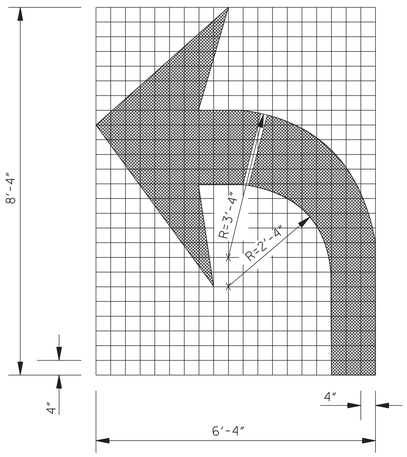
WORKING NUMBER
PM-1

ISSUE DATE: AUGUST 01, 2017

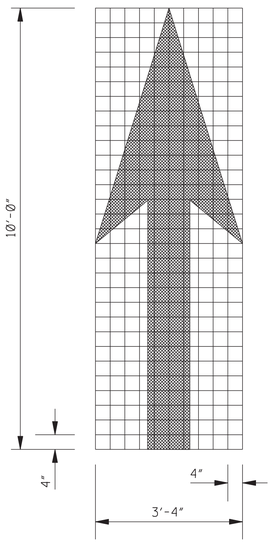
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STATE	PROJECT NO.
MISS.	

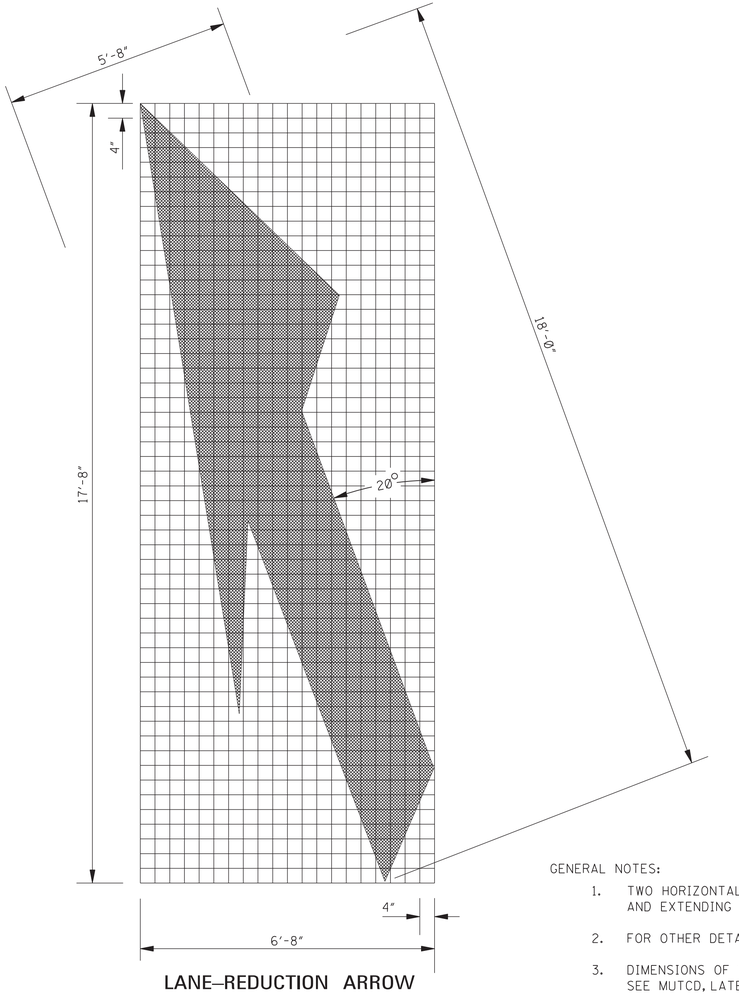




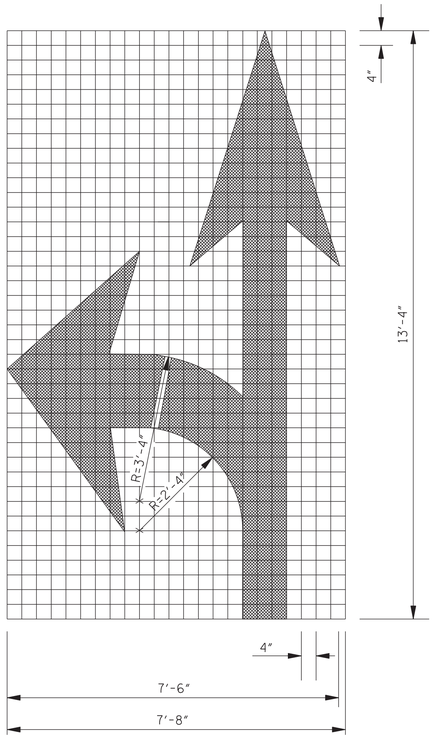
TURN ARROW



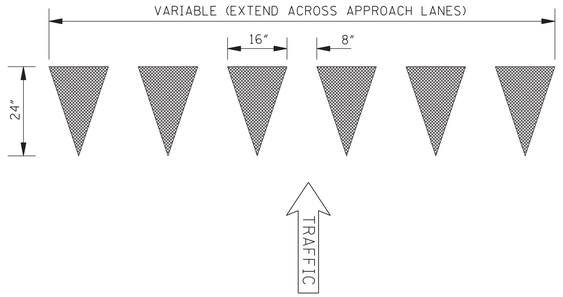
THRU ARROW



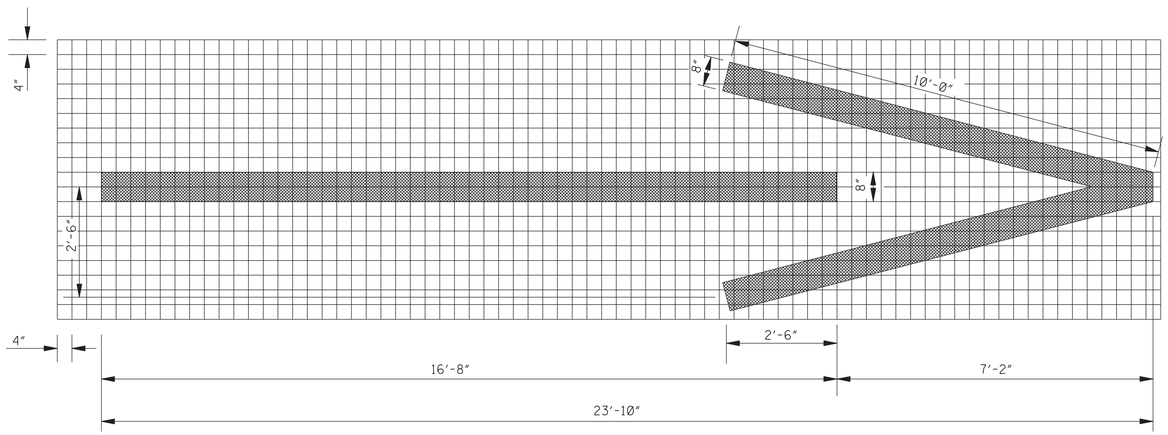
LANE–REDUCTION ARROW



COMBINATION ARROW



YIELD LINE



1–WAY ARROW

GENERAL NOTES:

1. TWO HORIZONTAL GAPS (CAUSED BY TEMPLATE CONNECTORS) OF 1½" OR LESS AND EXTENDING THE FULL WIDTH ARE PERMITTED IN EACH LETTER.
2. FOR OTHER DETAILS, SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
3. DIMENSIONS OF THE YIELD LINE MAY VARY WITH APPROVAL OF THE ENGINEER. SEE MUTCD, LATEST EDITION, FOR ALLOWABLE DIMENSIONS.
4. PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:

PAY QUANTITIES	
LEGEND/SYMBOL	AREA (ft^2)
ONLY	22.0
TURN ARROW	16.4
THRU ARROW	12.3
COMB. ARROW	27.5
1-WAY ARROW	24.3
LANE REDUCTION ARROW	40.0

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

PAVEMENT MARKING LEGEND DETAILS

BY	REVISION	DATE

ISSUE DATE: AUGUST 01, 2017

WORKING NUMBER
PM-6

SHEET NUMBER
6056

STATE	PROJECT NO.
MISS.	

GENERAL NOTES:

1. "J-HOOK" CONFIGURATION SILT FENCE APPLICATIONS SHOULD BE USED IN CONJUNCTION WITH PERIMETER SILT FENCE WHEN STORMWATER RUNOFF IS IN TWO DIRECTIONS (DOWN A FILL SLOPE AND DOWN GRADIENT ALONG THE RIGHT-OF-WAY).

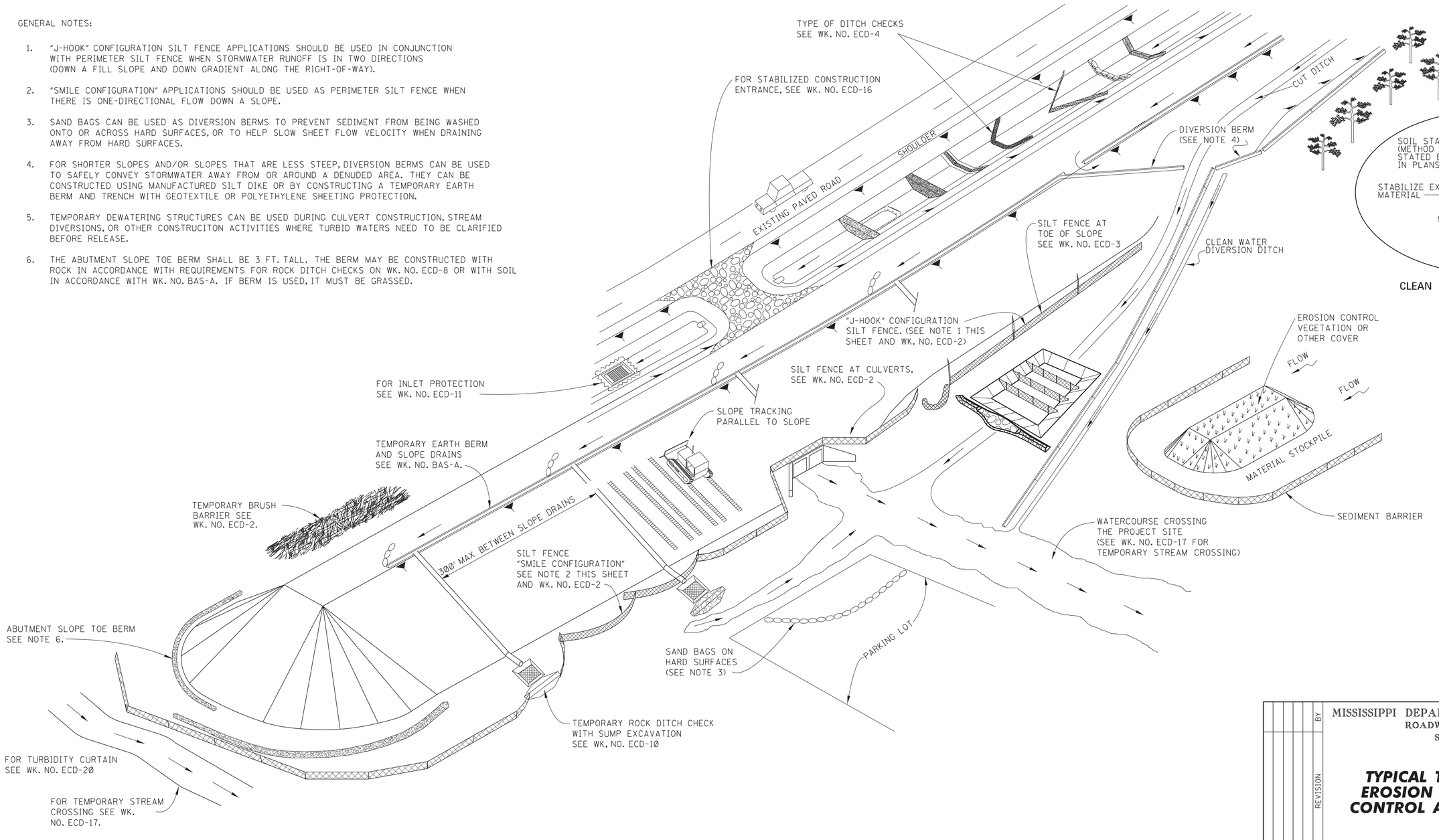
2. "SMILE CONFIGURATION" APPLICATIONS SHOULD BE USED AS PERIMETER SILT FENCE WHEN THERE IS ONE-DIRECTIONAL FLOW DOWN A SLOPE.

3. SAND BAGS CAN BE USED AS DIVERSION BERMS TO PREVENT SEDIMENT FROM BEING WASHED ONTO OR ACROSS HARD SURFACES, OR TO HELP SLOW SHEET FLOW VELOCITY WHEN DRAINING AWAY FROM HARD SURFACES.

4. FOR SHORTER SLOPES AND/OR SLOPES THAT ARE LESS STEEP, DIVERSION BERMS CAN BE USED TO SAFELY CONVEY STORMWATER AWAY FROM OR AROUND A DENUDED AREA. THEY CAN BE CONSTRUCTED USING MANUFACTURED SILT DIKE OR BY CONSTRUCTING A TEMPORARY EARTH BERM AND TRENCH WITH GEOTEXTILE OR POLYETHYLENE SHEETING PROTECTION.

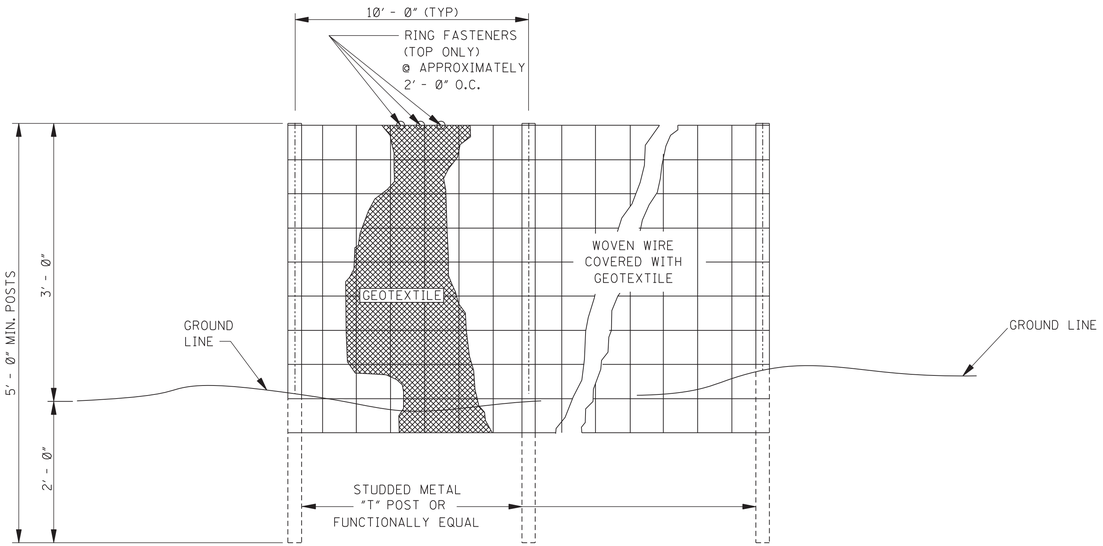
5. TEMPORARY DEWATERING STRUCTURES CAN BE USED DURING CULVERT CONSTRUCTION, STREAM DIVERSIONS, OR OTHER CONSTRUCITON ACTIVITIES WHERE TURBID WATERS NEED TO BE CLARIFIED BEFORE RELEASE.

6. THE ABUTMENT SLOPE TOE BERM SHALL BE 3 FT. TALL. THE BERM MAY BE CONSTRUCTED WITH ROCK IN ACCORDANCE WITH REQUIREMENTS FOR ROCK DITCH CHECKS ON WK. NO. ECD-8 OR WITH SOIL IN ACCORDANCE WITH WK. NO. BAS-A. IF BERM IS USED, IT MUST BE GRASSED.

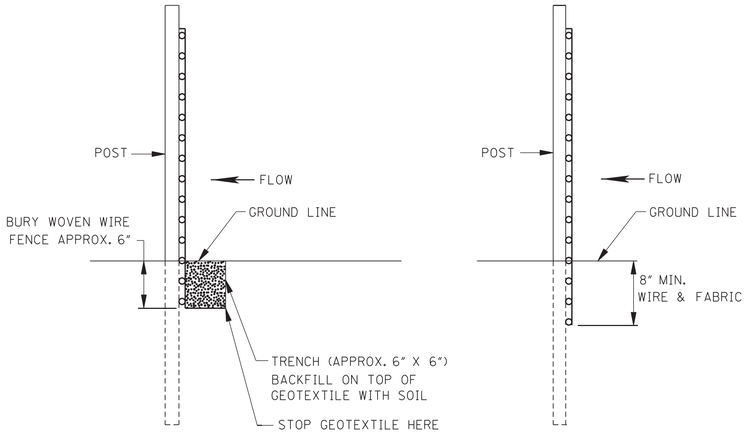


BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN		
REVISION	***TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS***	MDOT	
		WORKING NUMBER	ECD-1
DATE	ISSUE DATE: AUGUST 01, 2017	SHEET NUMBER	6101

STATE	PROJECT NO.
MISS.	



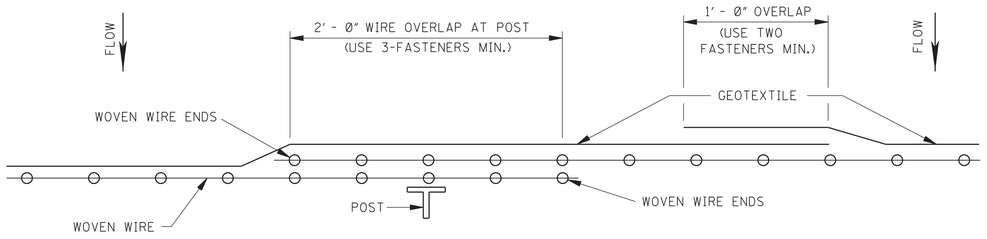
ELEVATION VIEW



METHOD I

METHOD II
MECHANICAL INSTALLATION

SIDE VIEW



PLAN VIEW

REQUIRED LAPPING

GENERAL NOTES:

1. SILT FENCES SHOULD BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
2. SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHOULD BE ERECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STEAMS AND CHANNELS.
3. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
4. WHENEVER POSSIBLE SILT FENCE SHOULD BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AN FACILITATES SEDIMENTATION.
5. THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
6. METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF DETAIL.
7. WIRE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
8. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

DETAILS OF SILT FENCE INSTALLATION

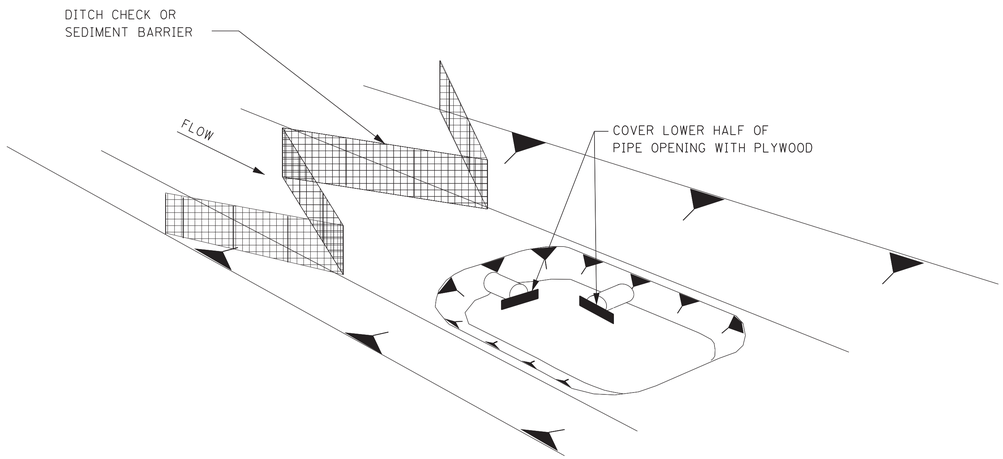
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER
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ISSUE DATE: AUGUST 01, 2017

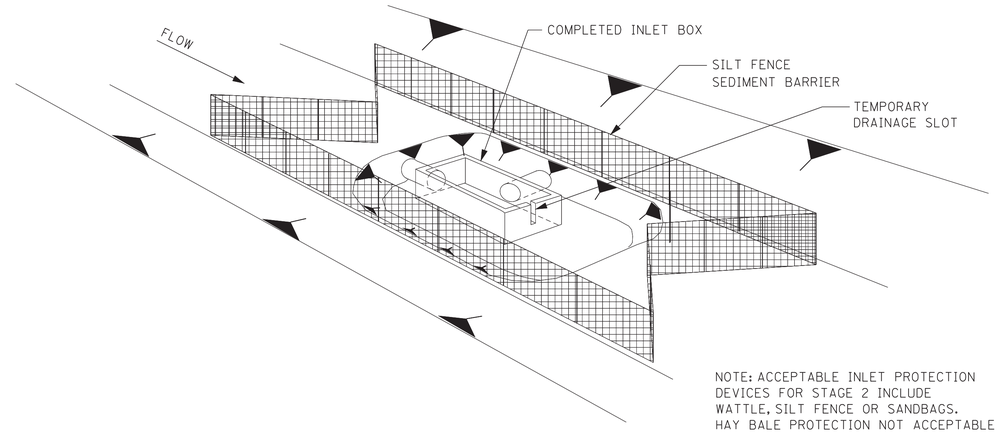
SHEET NUMBER
6103

STATE	PROJECT NO.
MISS.	



STAGE 1

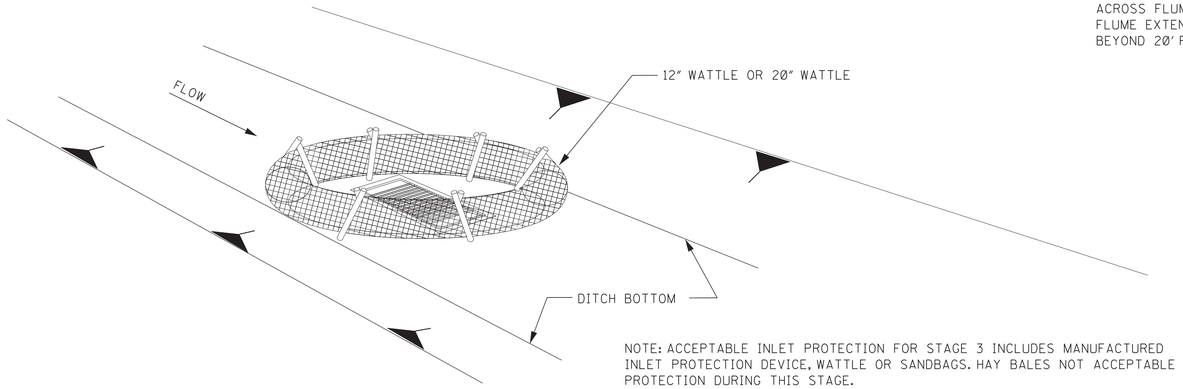
INLET/JUNCTION BOX LOCATION EXCAVATED



NOTE: ACCEPTABLE INLET PROTECTION DEVICES FOR STAGE 2 INCLUDE WATTLE, SILT FENCE OR SANDBAGS. HAY BALE PROTECTION NOT ACCEPTABLE DURING THIS PHASE.

STAGE 2

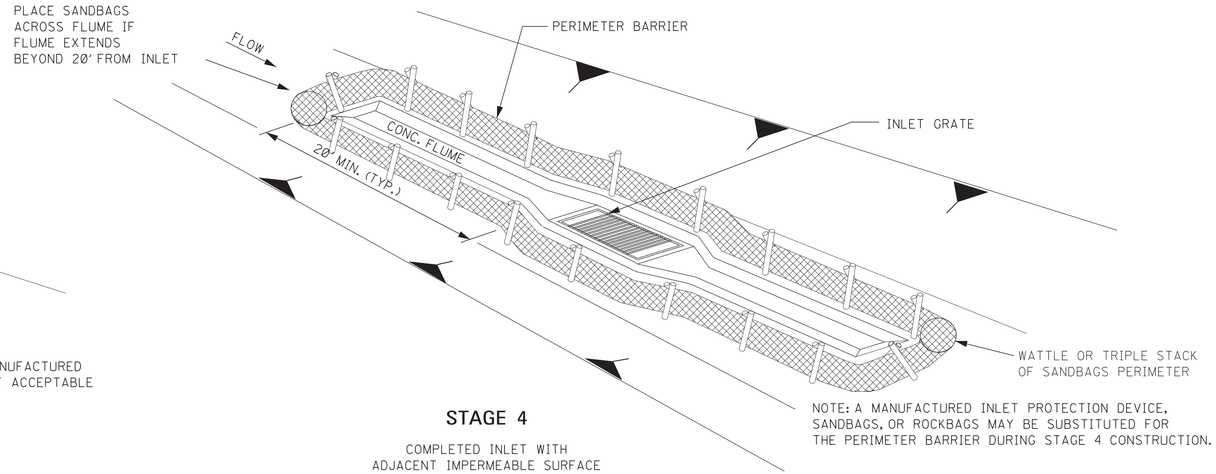
INLET/JUNCTION BOX
CONSTRUCTED BUT NOT BACKFILLED



NOTE: ACCEPTABLE INLET PROTECTION FOR STAGE 3 INCLUDES MANUFACTURED INLET PROTECTION DEVICE, WATTLE OR SANDBAGS. HAY BALES NOT ACCEPTABLE PROTECTION DURING THIS STAGE.

STAGE 3

INLET CONSTRUCTED AND BACKFILLED



NOTE: A MANUFACTURED INLET PROTECTION DEVICE, SANDBAGS, OR ROCKBAGS MAY BE SUBSTITUTED FOR THE PERIMETER BARRIER DURING STAGE 4 CONSTRUCTION.

STAGE 4

COMPLETED INLET WITH
ADJACENT IMPERMEABLE SURFACE

DITCH INLET CONSTRUCTION STAGES

NOTES:

1. DRAINAGE STRUCTURE BACKFILL SHOULD BE PLACED IN STAGE 1 IMMEDIATELY AFTER PIPE INSTALLATION. INLET CONSTRUCTION SHOULD COMMENCE AS SOON AS POSSIBLE AND BE CONTINUOUS THROUGH COMPLETION.
2. CONFIGURATIONS MAY BE ADJUSTED WITH APPROVAL OF THE ENGINEER FOR TRAVELWAY SAFETY, WATER FLOW, OR SOIL AND INSTALLATION CHALLENGES.
3. DURING STAGE 1 AND STAGE 2, SILT FENCE MAY BE REQUIRED UPSLOPE OF THE INLET EXCAVATION AS DIRECTED BY THE ENGINEER.
4. IF SILT FENCE IS INSTALLED AROUND THE INLET INSTALLATION IT SHOULD BE IN A CONFIGURATION THAT WILL ALLOW INLET CONSTRUCTION.
5. FOR INLET PROTECTION TO BE USED IN STAGES 1 AND 2 OF CONSTRUCTION, SEE WK. NO. ECD-12.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION

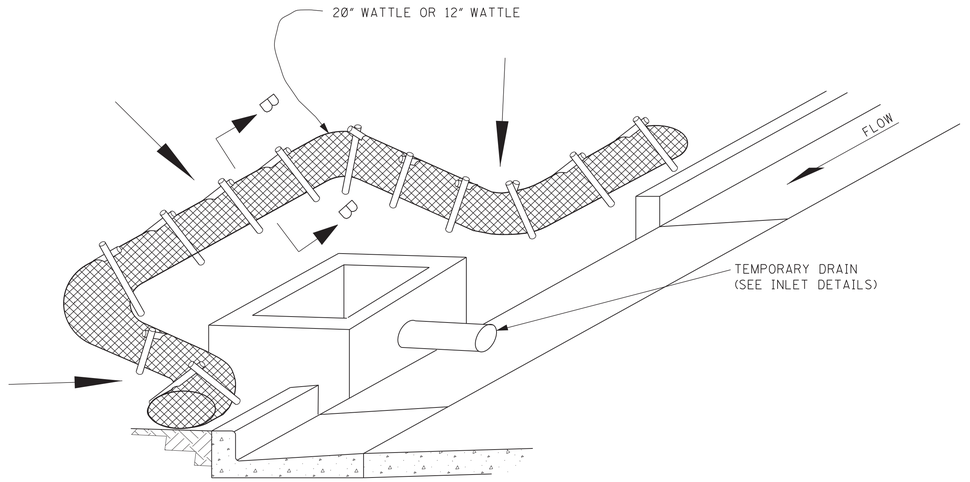
ISSUE DATE: AUGUST 01, 2017

WORKING NUMBER
ECD-11

SHEET NUMBER
6111

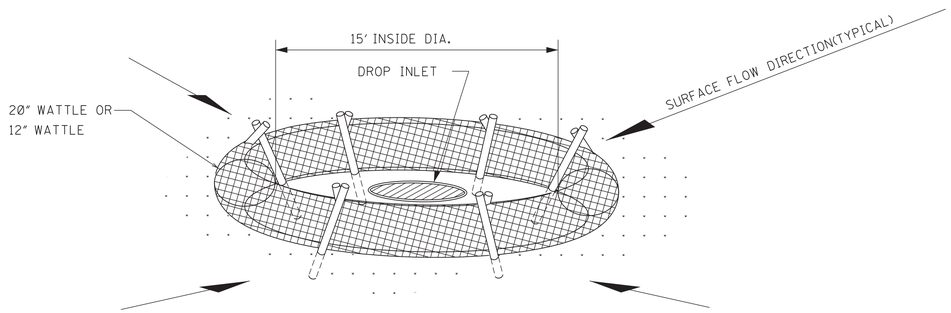
STATE	PROJECT NO.
MISS.	

NOTE: SILT FENCE OR SANDBAGS MAY ALSO BE USED FOR THIS APPLICATION.
HAY BALES NOT ACCEPTABLE DURING THIS STAGE.

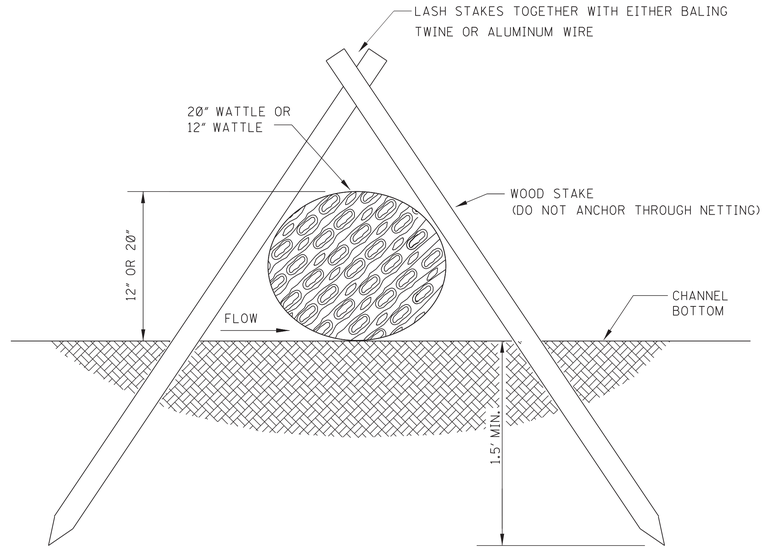


CURB INLET PROTECTION (STAGE 2)

SINGLE OR DOUBLE WING INLET



DROP INLET PROTECTION



SECTION B–B

NOTES:

1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
2. OVERLAP ENDS OF WATTLES PER MANUFACTURER'S RECOMMENDATIONS (1' MIN., 3' MAX.)
3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
4. IN THE EVENT WATTLES CANNOT BE SECURED IN PLACE USING WOOD STAKES, SANDBAGS MAY BE USED IN LIEU OF WOOD STAKES IN ORDER TO SECURE WATTLES IN PLACE. COST OF SANDBAGS USED IN THIS APPLICATION SHALL BE INCLUDED IN OTHER ITEMS BID.

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

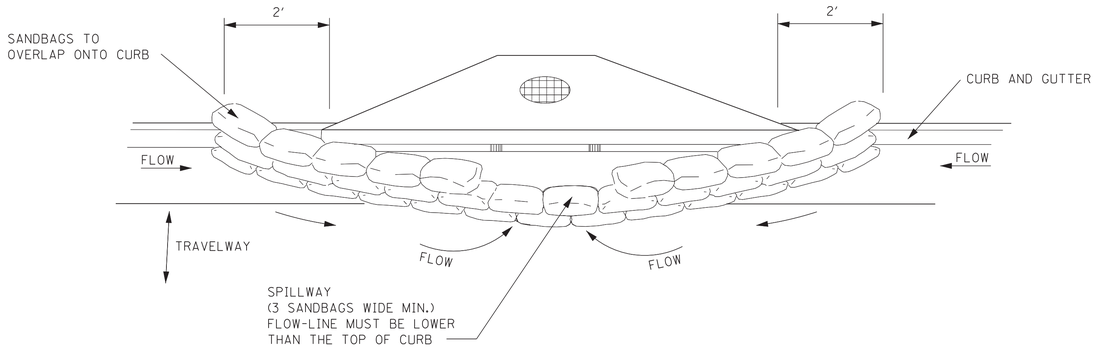
INLET PROTECTION DETAILS OF WATTLES

WORKING NUMBER
ECD-13

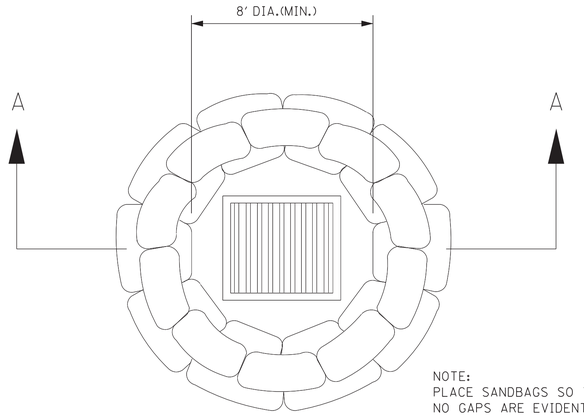
ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER
6113

STATE	PROJECT NO.
MISS.	

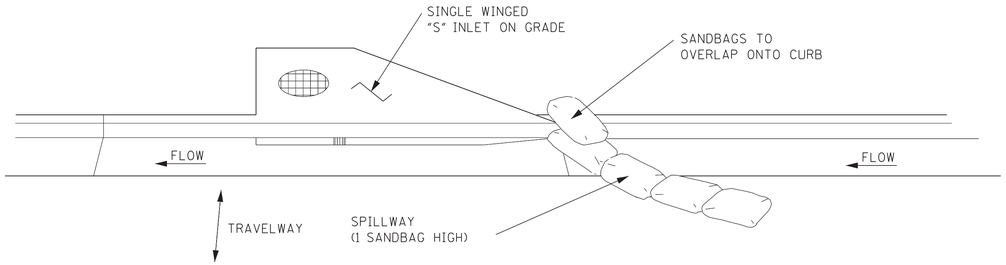


TYPICAL (SANDBAG) PROTECTION FOR INLET IN SAG

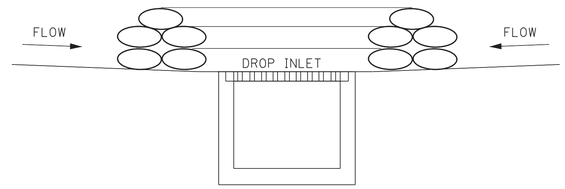


DROP INLET

PLAN VIEW



TYPICAL (SANDBAG) PROTECTION FOR INLET ON GRADE

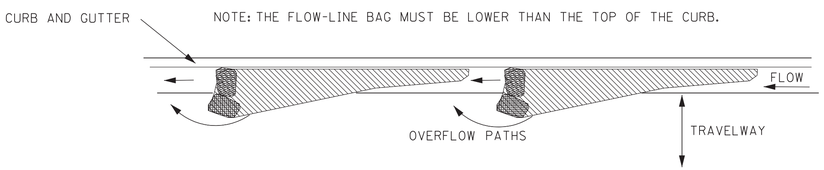


SECTION A–A

SANDBAG BARRIER

CURB INLET PROTECTION NOTES:

1. THIS CURB INLET PROTECTION METHOD CAN BE USED DURING ANY STAGE OF BASE AND PAVEMENT CONSTRUCTION.
2. BAG HEIGHT AND NUMBER OF BAGS SHOULD BE BASED ON CURB HEIGHT AND USE OF TRAVELWAY.
3. SEDIMENT SHOULD BE CONTROLLED PRIOR TO ENTERING GUTTER. GUTTER CHECKS AND INLET PROTECTION ARE FOR SECONDARY CONTROL.
4. REMOVE ACCUMULATED SEDIMENT AFTER EVERY RAINFALL. SWEEP SEDIMENT FROM HARD SURFACES AND DISPOSE OF APPROPRIATELY AWAY FROM INLETS AND/OR WATER BODIES.
5. IF DENUDED AREAS EXIST BEHIND THE INLET, A SEDIMENT BARRIER SHOULD BE INSTALLED AROUND ITS PERIMETER TO CONTOL SEDIMENT.



CURB AND GUTTER SEDIMENT
CONTAINMENT SYSTEM

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

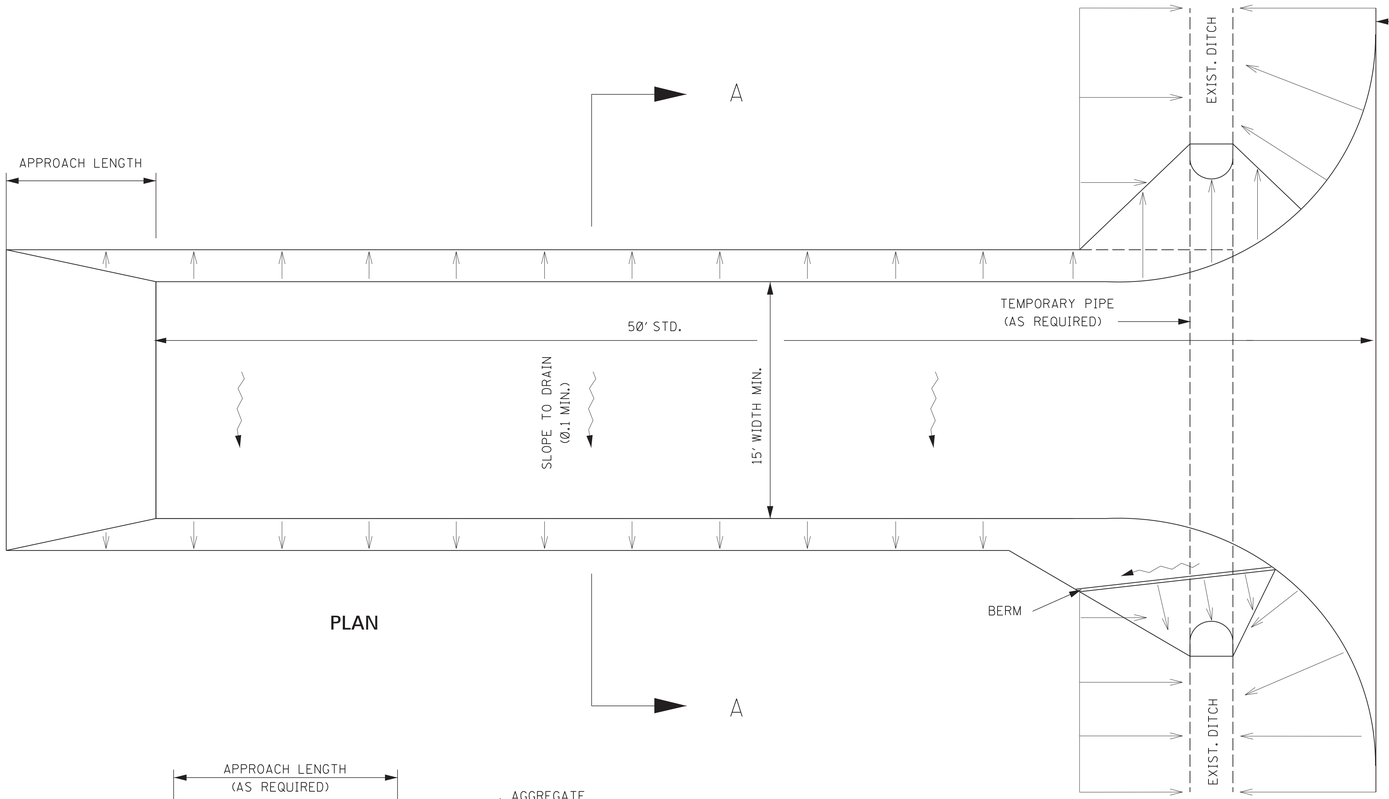
INLET PROTECTION DETAILS OF SANDBAGS

ISSUE DATE: AUGUST 01, 2017

WORKING NUMBER
ECD-15

SHEET NUMBER
6115

STATE	PROJECT NO.
MISS.	



PLAN

GENERAL NOTES:

1. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE PROJECT SHALL BE DIRECTED THRU THE STABILIZED ENTRANCE. BARRIERS, FLAGGING, OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STABILIZED ENTRANCE.

2. THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ITS USE.

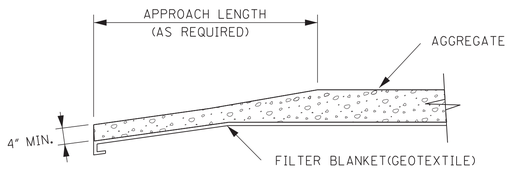
3. ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STABILIZED CONSTUCTION ENTRANCE AGGREGATE AND CONSTRUCTION MUD) SHOULD BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER.

4. SIZE III STABILIZER AGGREGATE OR LARGER SHALL BE USED.

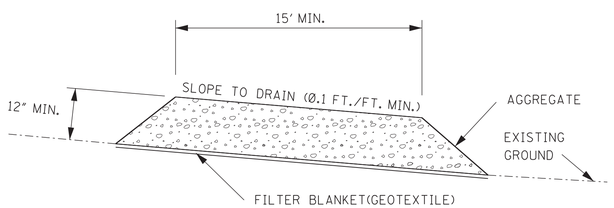
5. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION TO PREVENT OFFSITE TRACKING. THE STABILIZED CONSTRUCTION ENTRANCE SHOULD BE RINSED WHEN NECESSARY TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUTE LEADING TO THE STABILIZED ENTRANCE MAY BE REQUIRED TO LIMIT THE MUD TRACKED.

6. THE NOMINAL SIZE OF A STANDARD STABILIZED CONSTRUCTION ENTRANCE IS 15' X 50' UNLESS OTHERWISE SHOWN IN THE EROSION CONTROL PLAN.

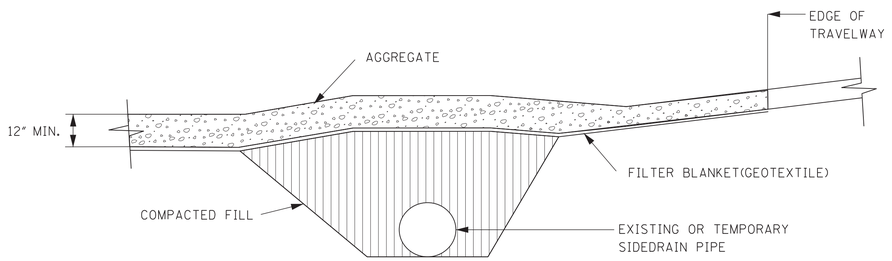
7. COSTS OF ALL ITEMS ON THIS SHEET SHALL BE INCLUDED IN OTHER ITEMS BID.



TRANSITION DETAIL



SECTION A–A



RURAL CONNECTION DETAIL

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

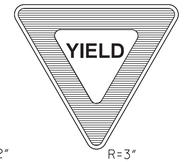
STABILIZED CONSTRUCTION ENTRANCE

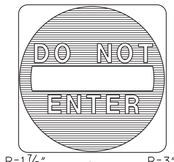
WORKING NUMBER
ECD-16

ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER
6116

STATE	PROJECT NO.
MISS.	

SIGN NUMBER	R1-1		R1-2			R2-1			R2-4a	R3-1		R3-2		R3-4		R3-5	R4-3	
ALUMINUM (6061-T6) SIGN BLANK THICKNESS	0.100″	0.125″	0.080″	0.100″	0.125″	0.080″	0.100″	0.125″	0.125″	0.080″	0.100″	0.080″	0.100″	0.080″	0.100″	0.080″	0.100″	0.125″
LEGEND			 R=2″ R=3″ R=4″			 R=1½″ R=2¼″ R=3″			 R=3″	 R=1½″ R=2¼″		 R=1½″ R=2¼″		 R=1½″ R=2¼″		 R=1⅞″	 R=2¼″ R=3″
LETTER & NUMERAL SERIES	12″ SERIES "C"	16″ SERIES "C"	3″ SERIES "C"	6″ RED 1″ WHITE	5″ SERIES "C"	4″ SERIES "E" 4″ SERIES "E" 10″ SERIES "E"	6″ SERIES "E" 6″ SERIES "E" 14″ SERIES "E"	8″ SERIES "E" 8″ SERIES "E" 16″ SERIES "E"	8″ SERIES "E" 16″ SERIES "E" 8″ SERIES "C" 14″ SERIES "D"							6″ SERIES "D"	6″ SERIES "D"	8″ SERIES "D"
WIDTH OF BORDER INSIDE / OUTSIDE	⅞″ BLACK WHITE	1¼″ BLACK WHITE	¾″ BLACK WHITE	1″ BLACK WHITE	1½″ BLACK WHITE	⅜″ BLACK WHITE	⅝″ BLACK WHITE	¾″ BLACK WHITE	¾″ BLACK WHITE	⅜″ BLACK WHITE	⅝″ BLACK WHITE	⅜″ BLACK WHITE	⅝″ BLACK WHITE	⅜″ BLACK WHITE	⅝″ BLACK WHITE	½″ BLACK WHITE	⅝″ BLACK WHITE	¾″ BLACK WHITE
SIZE (WIDTH X HEIGHT)	36″ OCTAGON	48″ OCTAGON	36″ EQUIL. TRIANGLE	48″ EQUIL. TRIANGLE	60″ EQUIL. TRIANGLE	24″ X 30″	36″ X 48″	48″ X 60″	48″ X 96″	24″ X 24″	36″ X 36″	24″ X 24″	36″ X 36″	24″ X 24″	36″ X 36″	30″ X 36″	36″ X 48″	48″ X 60″
COLORS COPY / BACKGROUND	WHITE RED	WHITE RED	RED WHITE	RED WHITE	RED WHITE	BLACK WHITE	BLACK WHITE	BLACK WHITE	BLACK WHITE	BLACK & RED WHITE	BLACK & RED WHITE	BLACK & RED WHITE	BLACK & RED WHITE	BLACK & RED WHITE	BLACK & RED WHITE	BLACK WHITE	BLACK WHITE	BLACK WHITE
REFLECTORIZATION	ALL	ALL	ALL	ALL	ALL	B'GROUND	B'GROUND	B'GROUND	BACKGROUND	BACKGROUND, CIRCLE, & DIAG.	BACKGROUND, CIRCLE, & DIAG.	BACKGROUND, CIRCLE, & DIAG.	BACKGROUND, CIRCLE, & DIAG.	BACKGROUND, CIRCLE, & DIAG.	BACKGROUND, CIRCLE, & DIAG.	BACKGROUND	BACKGROUND	BACKGROUND
NUMBER OF POSTS FOR MOUNTING	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NUMBER OF HOLES TO BE PUNCHED (⅜″ DIA.)	2	4	2	4	4	2	4	6	10	2	2	2	2	2	2	2	4	6
PUNCHING DISTANCE FROM EACH VERTICAL EDGE	18″ (VERT. CENTER)	9″	18″ (VERT. CENTER)	12″ (FROM CENTER)	15″ (FROM CENTER)	12″ (VERT. CENTER)	3″	9″	9″	12″ (VERT. CENTER)	18″ (VERT. CENTER)	12″ (VERT. CENTER)	18″ (VERT. CENTER)	12″ (VERT. CENTER)	18″ (VERT. CENTER)	15″ (VERT. CENTER)	3″	9″
PUNCHING DISTANCE FROM TOP EDGE	3″; 33″	9″; 39″	3″; 27″	3″; 15″	3″; 21″	3″; 27″	9″; 39″	4″; 30″; 56″	4″; 28″; 52″; 60″; 92″	3″; 21″	6″; 30″	3″; 21″	6″; 30″	3″; 21″	6″; 30″	6″; 30″	9″; 39″	4″; 30″; 56″

SIGN NUMBER	R4-7		R6-3	R5-1		R5-1a	R6-1L, R6-1R	R6-2L, R6-2R	R8-4		R11-1	
ALUMINUM (6061-T6) SIGN BLANK THICKNESS	0.080″	0.125″	0.080″	0.100″	0.125″	0.100″	0.080″	0.080″	0.080″	0.100″	0.125″	0.125″
LEGEND	R=1½″ R=2¼″ R=3″			 R=1⅞″ R=3″		 R=2¼″	 R=1½″	 R=1½″	 R=2¼″		 R=3″	
LETTER & NUMERAL SERIES				4″ SERIES "D"	6″ SERIES "D"	8″ SERIES "D"	4″ SERIES "D"	6″ SERIES "D"	4″ SERIES "D"	6″ SERIES "D"	8″ SERIES "C"	10″ SERIES "C"
WIDTH OF BORDER INSIDE / OUTSIDE	⅝″ BLACK ⅜″ WHITE	⅞″ BLACK ⅝″ WHITE	1¼″ BLACK ¾″ WHITE	⅝″ BLACK ⅜″ WHITE	WHITE OUT-SIDE BORDER	WHITE OUT-SIDE BORDER	1″ WHITE	½″ WHITE	⅝″ BLACK ⅜″ WHITE	⅞″ BLACK ⅝″ WHITE	⅞″ BLACK ⅝″ WHITE	1¼″ BLACK ¾″ WHITE
SIZE (WIDTH X HEIGHT)	24″ X 30″	36″ X 48″	48″ X 60″	30″ X 24″	36″ X 36″	48″ X 48″	42″ X 30″	36″ X 12″	24″ X 30″	30″ X 24″	48″ X 36″	36″ X 48″	48″ X 60″
COLORS COPY / BACKGROUND	BLACK WHITE	BLACK WHITE	BLACK WHITE	BLACK WHITE	WHITE RED	WHITE RED	WHITE RED	BLACK (WHITE ARROW) BLACK	BLACK WHITE	BLACK WHITE	BLACK WHITE	BLACK WHITE	BLACK WHITE
REFLECTORIZATION	BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND	ALL	ALL	ALL	ARROW & BORDER	BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND
NUMBER OF POSTS FOR MOUNTING	1	1	1	1	1	1	1	1	1	1	2	1	1
NUMBER OF HOLES TO BE PUNCHED (⅜″ DIA.)	2	4	6	2	2	4	4	2	2	2	4	4	6
PUNCHING DISTANCE FROM EACH VERTICAL EDGE	12″ (VERT. CENTER)	3″	9″	15″ (VERT. CENTER)	18″ (VERT. CENTER)	9″	9″	18″ (VERT. CENTER)	12″ (VERT. CENTER)	15″ (VERT. CENTER)	9″	3″	9″
PUNCHING DISTANCE FROM TOP EDGE	3″; 27″	9″; 39″	4″; 30″; 56″	3″; 21″	6″; 30″	4″; 44″	3″; 27″	1½″; 10½″	3″; 27″	3″; 21″	3″; 33″	9″; 39″	4″; 30″; 56″

GENERAL NOTES:

1. THE QUANTITIES LISTED ON THE SUMMARY OF QUANTITIES SHEET FOR THE SIGNS SHOWN ON THIS SHEET WILL BE USED AS THE BASIS FOR FINAL PAYMENT, EXCEPT WHERE SIGNS ARE MODIFIED FROM THAT SHOWN.

2. THE SPEED LIMITS REQUIRED ON SIGNS R2-1 AND R2-4a WILL BE SHOWN ON INDIVIDUAL PLAN SHEETS.

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

STANDARD ROADSIDE SIGNS

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

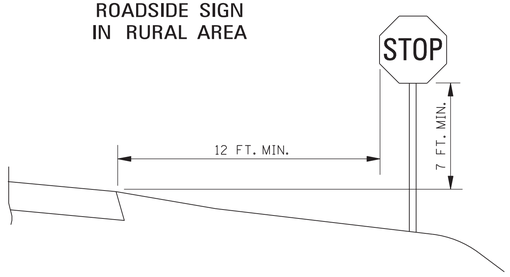
WORKING NUMBER SN-3A

SHEET NUMBER 6304

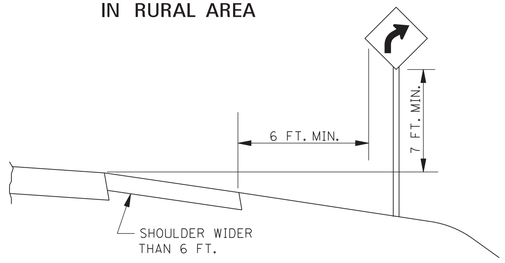
ISSUE DATE: AUGUST 01, 2017

STATE	PROJECT NO.
MISS.	

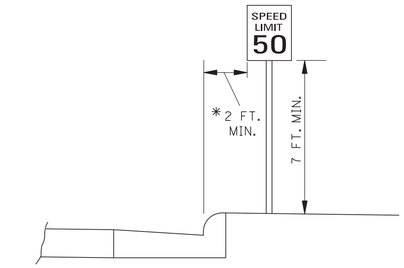
ROADSIDE SIGN IN RURAL AREA



ROADSIDE SIGN IN RURAL AREA

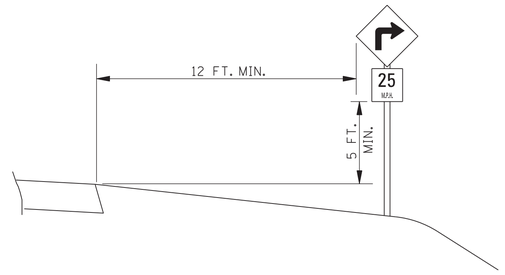


ROADSIDE SIGN IN BUSINESS, COMMERCIAL, OR RESIDENTIAL AREA

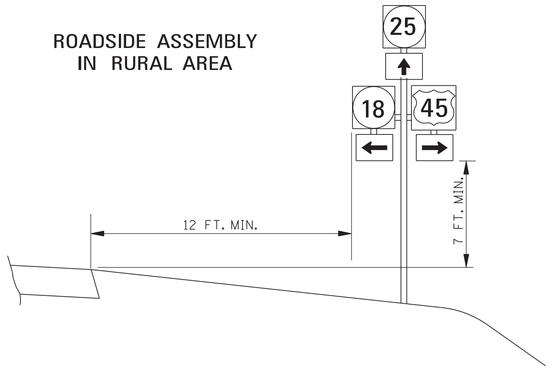


* THE 2 FT. MINIMUM OFFSET APPLIES ONLY TO STANDARD SIGNS MOUNTED ON U-POSTS. ALL STANDARD SIGNS MOUNTED ON PIPE WILL BE OFFSET A MINIMUM OF 4 FT.. RAMP DESTINATION SIGNS WILL BE OFFSET 4 FT. FROM THE SHOULDERS.

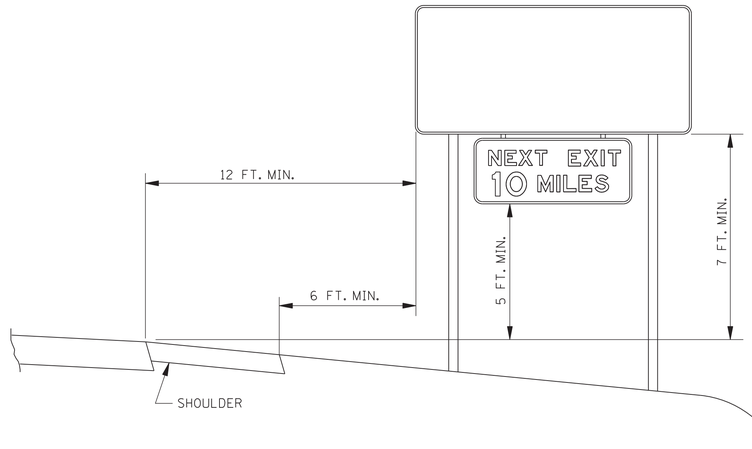
WARNING SIGN WITH ADVISORY SPEED PLAQUE IN RURAL AREA



ROADSIDE ASSEMBLY IN RURAL AREA



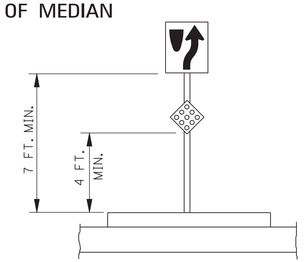
INTERSTATE OR FREEWAY SIGN WITH SECONDARY SIGN



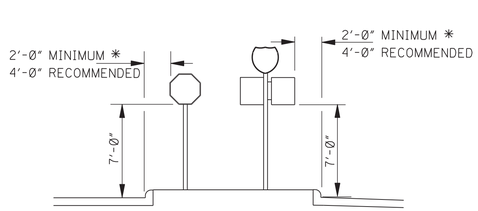
OVERHEAD SIGN



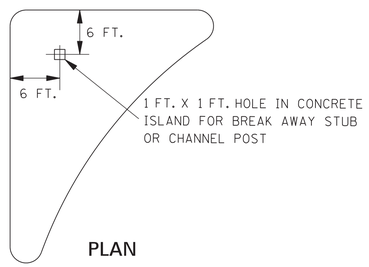
SIGN ON NOSE OF MEDIAN



SIGNS IN ISLANDS OR BEHIND CURB USING U–POSTS OR PIPE POSTS



ELEVATION



PLAN

* THE 2 FT. MINIMUM OFFSET APPLIES ONLY TO STANDARD SIGNS MOUNTED ON U-POSTS. ALL STANDARD SIGNS MOUNTED ON PIPE WILL BE OFFSET A MINIMUM OF 4 FT.. RAMP DESTINATION SIGNS WILL BE OFFSET 4 FT. FROM THE SHOULDERS.

GENERAL NOTES:

1. SEE SECTION 2A-19 OF THE MUTCD FOR REDUCED LATERAL OFFSET DISTANCES THAT MAY BE USED IN AREAS WHERE LATERAL OFFSETS ARE LIMITED, AND IN BUSINESS, COMMERCIAL, OR RESIDENTIAL AREAS WHERE SIDEWALK WIDTH IS LIMITED OR WHERE EXISTING POLES ARE CLOSE TO THE CURB.
2. SIGNS SHALL BE LOCATED OUTSIDE THE CLEAR ZONE UNLESS PLACED ON A BREAKAWAY OR YIELDING SUPPORT.

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION

WORKING NUMBER SN-4

SHEET NUMBER 6306

ISSUE DATE: AUGUST 01, 2017

STATE	PROJECT NO.
MISS.	

LEGEND

- FLAGGER
- ● RETROREFLECTIVE FREE-STANDING PLASTIC DRUMS
- ○ TRAFFIC CONES (28" HEIGHT MINIMUM)

GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE. FLAGGER STATIONS SHALL BE LOCATED SUCH THAT APPROACHING VEHICLES WILL HAVE SUFFICIENT DISTANCE TO STOP. VALUES IN STOPPING SIGHT DISTANCE COLUMN MAY BE USED AS A MINIMUM FOR THIS DISTANCE.

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (ft)		†LONGITUDINAL BUFFER SPACE (ft)	STOPPING SIGHT DISTANCE
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
25	20	50	55	155
30	20	60	85	200
35	20	70	120	250
40	20	80	170	305
45	20	90	220	360
50	20	100	280	425
55	20	110	335	495
60	20	120	415	570
65	20	130	485	645

† NOTE: BUFFER SPACE MAY BE ADJUSTED AS NEEDED ACCORDING TO ROADWAY GEOMETRY TO MEET SIGHT DISTANCE REQUIREMENTS, AS DIRECTED BY THE ENGINEER.

2. ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
3. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 36" x 36" AND BLACK COPY ON FLUORESCENT ORANGE SHEETING.
4. WHEN WORK ZONE IS NO LONGER NEEDED, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
5. ADDITIONAL FLAGGERS MAY BE NEEDED AS DIRECTED BY THE ENGINEER.
6. WHEN WORK IS REQUIRED AT NIGHT, FLAGGER STATIONS SHALL BE ILLUMINATED.
7. CHANNELIZING DEVICE TYPES FOR:
   A. APPROACH AND EXIT TAPERS- RETROREFLECTIVE PLASTIC DRUMS
   B. ALONG LANE LINE AND WORK ZONE- TRAFFIC CONES (28" HEIGHT)
8. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

DISTANCE BETWEEN SIGNS			
ROAD TYPE	A	B	C
URBAN (35 MPH OR LESS)	100 FT.	100 FT.	100 FT.
URBAN (40 - 70 MPH)	350 FT.	350 FT.	350 FT.
RURAL	500 FT.	500 FT.	500 FT.
EXPRESSWAY / FREEWAY	1000 FT.	1500 FT.	2640 FT.

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TRAFFIC CONTROL PLAN WITH FLAGGER
(ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)

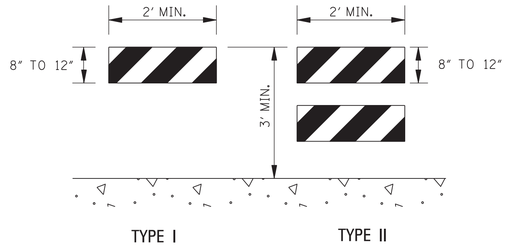
MDOT

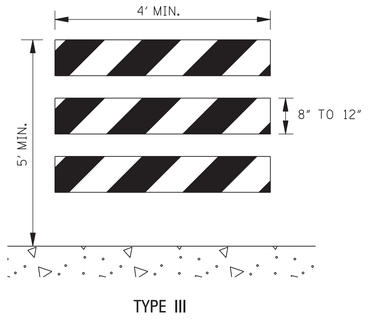
WORKING NUMBER
TCP-1

SHEET NUMBER
6351

ISSUE DATE: AUGUST 01, 2017

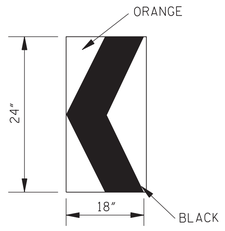
STATE	PROJECT NO.
MISS.	





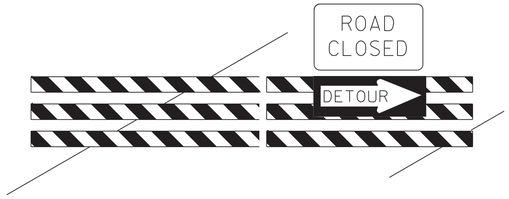
STANDARD BARRICADES

1. THE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).
2. RAIL STRIPE SHOULD BE 6 INCHES, EXCEPT THAT 4-INCH WIDE STRIPES MAY BE USED IF RAIL LENGTHS ARE LESS THAN 36 INCHES.
3. DO NOT PLACE SANDBAGS OR OTHER DEVICES TO PROVIDE MASS ON THE BOTTOM RAIL THAT WILL BLOCK VIEW OR RAIL FACE.
4. FOR ADDITIONAL INFORMATION OR DETAILS, SEE MUTCD, LATEST EDITION.
5. BARRICADES ARE CLASSIFIED BY FHWA AS CATEGORY II WORK ZONE DEVICES WHICH REQUIRE CRASHWORTHINESS ACCEPTANCE LETTERS. TO DATE, 2-IN. THICK TIMBER RAILS HAVE NOT BEEN SUCCESSFULLY CRASH TESTED. A LIST OF CRASHWORTHY BARRICADES AND OTHER CATAGORY II DEVICES CAN BE FOUND ON FHWA'S WEBSITE: http://safety.fhwa.dot.gov/roadway_dept/policy.guide/road_hardware/cat2.cfm



CHEVRON SIGN DETAIL

1. A CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
2. THE CHEVRON SIGN SHALL BE MOUNTED ON CRASHWORTHY SUPPORT.
3. CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION OR MAINTENANCE. THEY SHOULD BE PLACED APPROXIMATELY 2'-0" BEHIND THE LANE TRANSITION STRIPE.



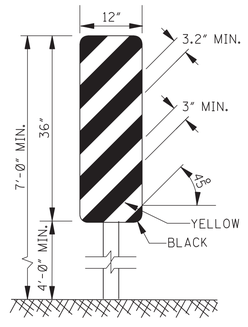
BARRICADE CLOSING A ROAD

BARRICADE CHARACTERISTICS

	I	II	III
WIDTH OF RAIL **	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.
LENGTH OF RAIL**	24" MIN.	24" MIN.	48" MIN.
WIDTH OF STRIPE *	6"	6"	6"
HEIGHT	36" MIN.	36" MIN.	60" MIN.
NUMBER OF RETROREFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 6 IF FACING TRAFFIC IN TWO DIRECTIONS

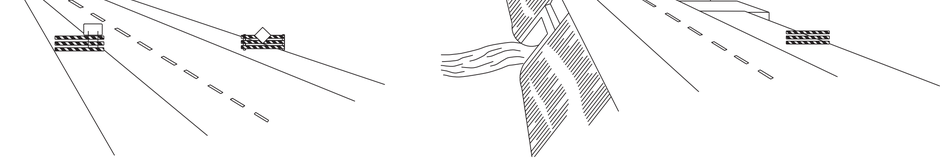
* 1. FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED.

** 2. BARRICADES INTENDED FOR USE ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH SPEED ROADWAYS, SHALL HAVE A MINIMUM OF 270 in^2 OF REFLECTIVE AREA FACING TRAFFIC.



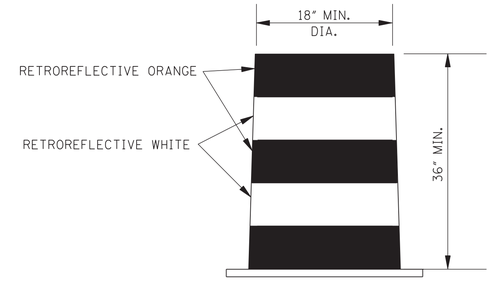
TYPE 3 OBJECT MARKER (OM-3R)

1. TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
2. THE OM-3R IS SHOWN. THE OM-3L IS SIMILAR EXCEPT THE STRIPES SLOPE DOWNWARD FROM THE UPPER LEFT SIDE TO THE LOWER RIGHT SIDE AND SHALL BE PLACED ON THE LEFT SIDE OF THE OBJECT.
3. THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.



WING BARRICADES

1. WING BARRICADES ARE TYPE III BARRICADES ERECTED ON THE SHOULDER ON ONE OR BOTH SIDES OF THE PAVEMENT TO GIVE THE SENSATION OF A NARROWING OR RESTRICTED ROADWAY. WING BARRICADES MAY BE USED AS A MOUNTING FOR THE ADVANCE WARNING SIGNS OR FLASHERS.
2. WING BARRICADES SHOULD BE USED:
   A. IN ADVANCE OF A CONSTRUCTION PROJECT EVEN WHEN NO PART OF THE ROADWAY IS ACTUALLY CLOSED.
   B. IN ADVANCE OF ALL BRIDGE OR CULVERT WIDENING OPERATIONS.



PLASTIC DRUM STRIPING DETAIL

1. PLASTIC DRUMS SHALL BE ON END AND USED AS AN EXPEDIENT METHOD FOR TRAFFIC CHANNELIZATION. THE COLOR AND MARKING OF DRUMS SHALL BE CONSISTENT WITH MARKING STANDARDS FOR BARRICADE. THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE WITH FOUR (4) RETROREFLECTIVE, HORIZONTAL, CIRCUMFERENTIAL STRIPES (2 ORANGE & 2 WHITE) 6" WIDE.
2. DRUMS SHOULD NEVER BE PLACED IN THE ROADWAY WITHOUT WARNING SIGNS.
3. WHERE PRACTICAL PLASTIC DRUMS SHOULD BE PLACED NO CLOSER THAN 3'-0" FROM THE EDGE OF TRAVELED LANE.

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

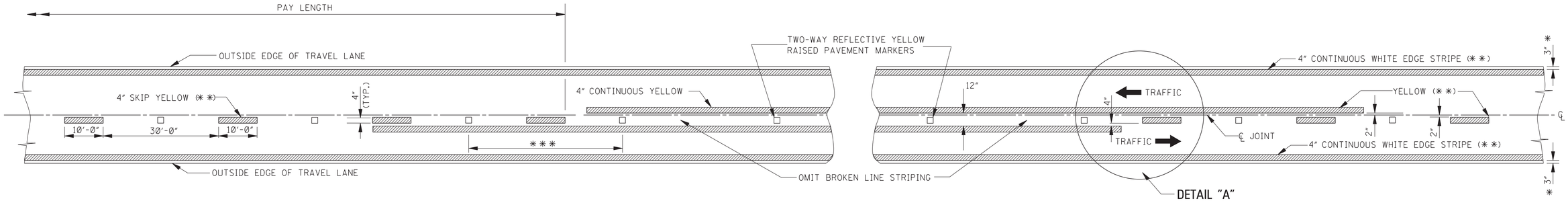
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS

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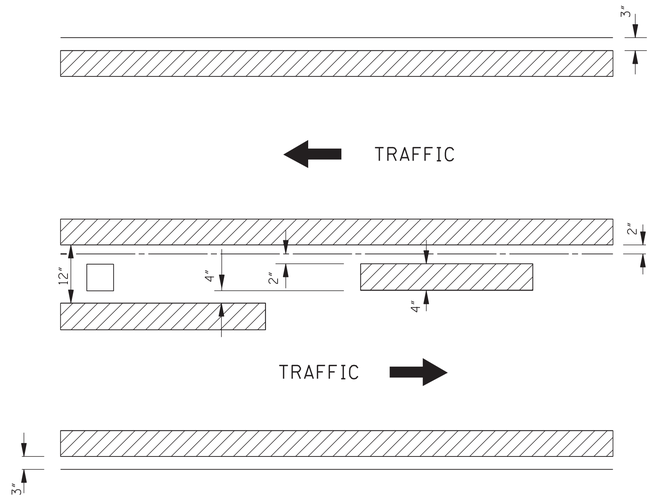
WORKING NUMBER
TCP-8

SHEET NUMBER
6358

STATE	PROJECT NO.
MISS.	



TWO–WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)



DETAIL "A"



GENERAL NOTES:

* 1. 3" UNLESS SHOWN ELSEWHERE ON THE PLANS.

** 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE (PAINT OR TAPE AS INDICATED IN PAY ITEMS).

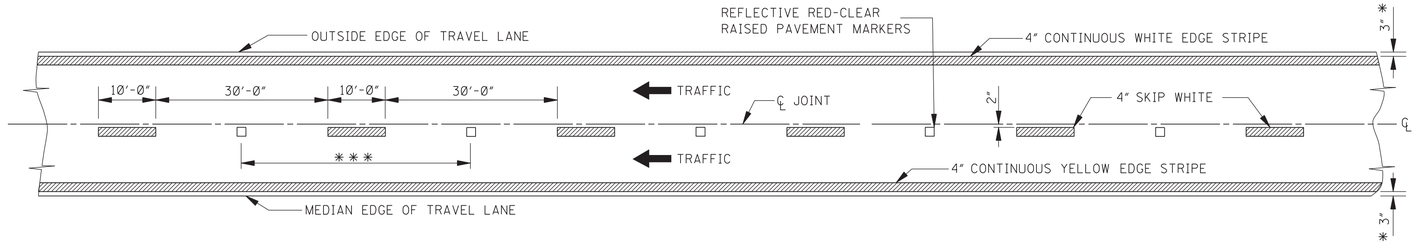
3. REFLECTIVE RAISED PAVEMENT MARKERS TO BE USED IF TEMPORARY MARKINGS ARE TO REMAIN IN PLACE OVER 3 MONTHS

*** 4. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

	URBAN AREA (ft-in)	RURAL AREA (ft-in)
TANGENT SECTIONS	40'-0"	80'-0"
HORIZONTAL CURVES	40'-0"	40'-0"
INTERCHANGE LIMITS	40'-0"	† 40'-0"

† NOTE: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON LANE-LINE(S) THROUGH ALL INTERCHANGE AREAS BEGINNING 1000' IN ADVANCE (IN DIRECTION OF TRAFFIC) OF THE EXIT RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.

5. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE RAISED PAVEMENT MARKERS AS LISTED IN THE MDOT "APPROVED SOURCES OF MATERIALS."



4–LANE WITH ONE–WAY TRAFFIC

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TEMPORARY STRIPING FOR TRAFFIC CONTROL 2–LANE AND 4–LANE DIVIDED HIGHWAYS

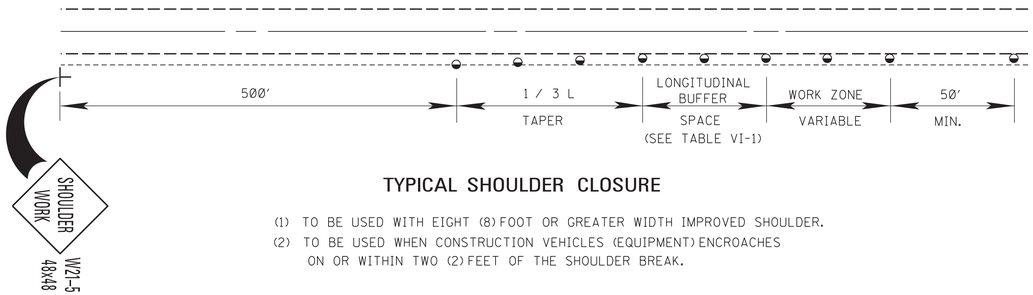
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER TCP-13

ISSUE DATE: AUGUST 01, 2017

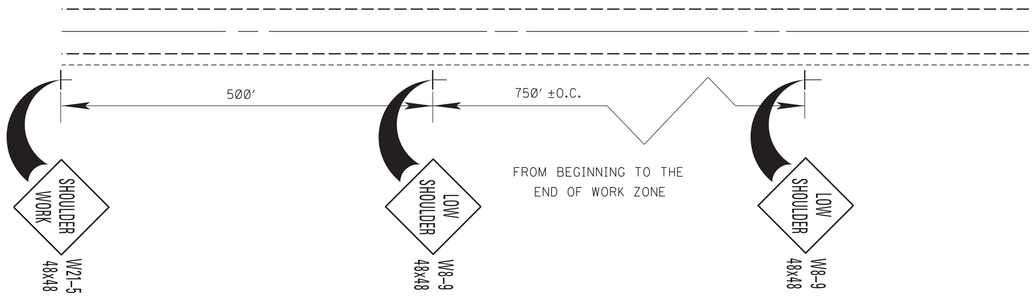
SHEET NUMBER 6363

STATE	PROJECT NO.
MISS.	

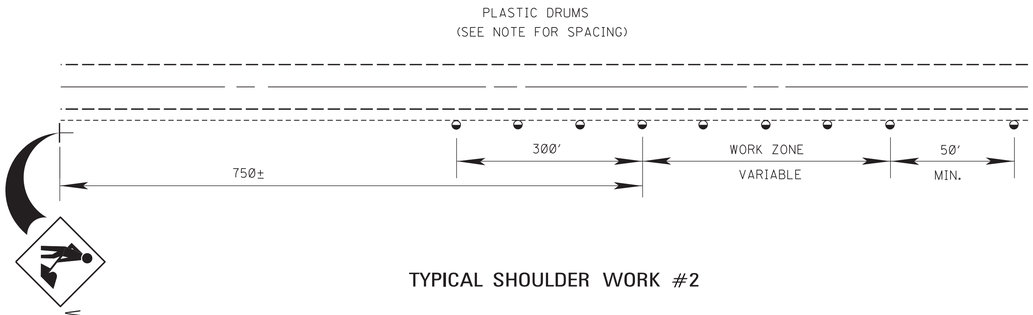


TYPICAL SHOULDER CLOSURE

(1) TO BE USED WITH EIGHT (8) FOOT OR GREATER WIDTH IMPROVED SHOULDER.
(2) TO BE USED WHEN CONSTRUCTION VEHICLES (EQUIPMENT) ENCROACHES ON OR WITHIN TWO (2) FEET OF THE SHOULDER BREAK.

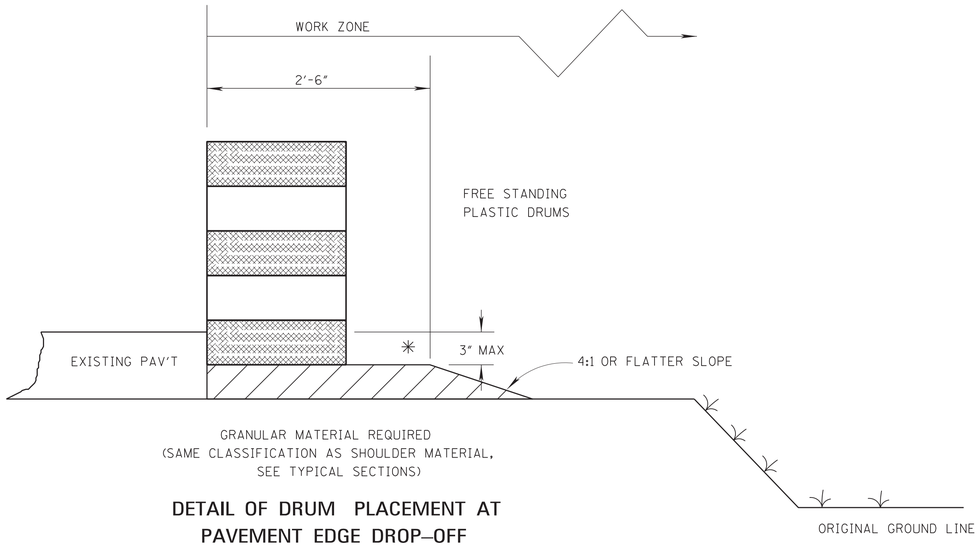


TYPICAL SHOULDER WORK #1
(SEE NOTE A–1 THIS SHEET)



TYPICAL SHOULDER WORK #2

NOTE:
WORK OUTSIDE TWO (2) FOOT AND WITHIN TEN (10) FEET OF THE SHOULDER BREAK MAY BE PROTECTED BY PLACING DRUMS ALONG THE SHOULDER EDGE, 300 FEET PRIOR TO AND 50 FEET BEYOND THE WORK AREA, OR SEE NOTE A-3 THIS SHEET.



DETAIL OF DRUM PLACEMENT AT PAVEMENT EDGE DROP–OFF

NOTES:

✳ A. PAVEMENT EDGE DROP-OFF

1. IF LESS THAN TWO AND ONE QUARTER (2.25) INCHES-NO PROTECTION REQUIRED. PLACE A SHOULDER WORK SIGN (W21-5) 500 FEET IN ADVANCE OF WORK ZONE SHOULDER AND A LOW SHOULDER SIGN (W8-9) AT THE BEGINNING AND THROUGHOUT THE WORK ZONE @ (750′+O.C.).
2. TWO AND ONE QUARTER TO THREE INCHES-PLACE DRUMS, VERTICAL PANELS OR BARRICADES EVERY 100 FEET ON TANGENT SECTIONS FOR SPEEDS OF 50 MILES PER HOUR OR GREATER. CONES MAY BE USED IN PLACE OF DRUMS, PANELS, AND BARRICADES DURING DAYLIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MILES PER HOUR AND FOR CURVES, DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING FOR TAPERS SHOULD BE IN ACCORDANCE WITH THE M.U.T.C.D. (1 / 3 L, WHERE L IS THE TAPER LENGTH IN FEET.)
3. GREATER THAN THREE (3) INCHES-POSITIVE SEPARATION OR WEDGE WITH 4:1 OR FLATTER SLOPE NEEDED. IF THERE IS EIGHT (8) FEET OR MORE DISTANCE BETWEEN THE EDGE OF TRAVEL LANE AND DROP-OFF, THEN DRUMS, PANELS OR BARRICADES MAY BE USED.
4. FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN THREE (3) INCHES MAY BE PROTECTED WITH DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.
5. LESSER TREATMENTS THAN THOSE DESCRIBED ABOVE MAY BE CONSIDERED FOR LOW-VOLUME LOCAL STREETS.

B. DRUM SPACING

1. TANGENTS = 2 X S
2. TAPERS = L / 3
   WHERE L = S X W
   L = TAPER LENGTH IN FEET
   S = SPEED IN MPH (POSTED OR 85 PERCENTILE)
   W = WIDTH OF OFFSET IN FEET

C. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.

TABLE VI-1. GUIDELINES FOR LENGTH OF LONGITUDINAL BUFFER SPACE

✳✳ SPEED (MPH)	LENGTH (FEET)
20	35
25	55
30	85
35	120
40	170
45	220
50	280
55	335
60	415
65	485

✳✳ POSTED SPEED, OFF-PEAK 85 PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH.

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ROADWAY DESIGN DIVISION
STANDARD PLAN

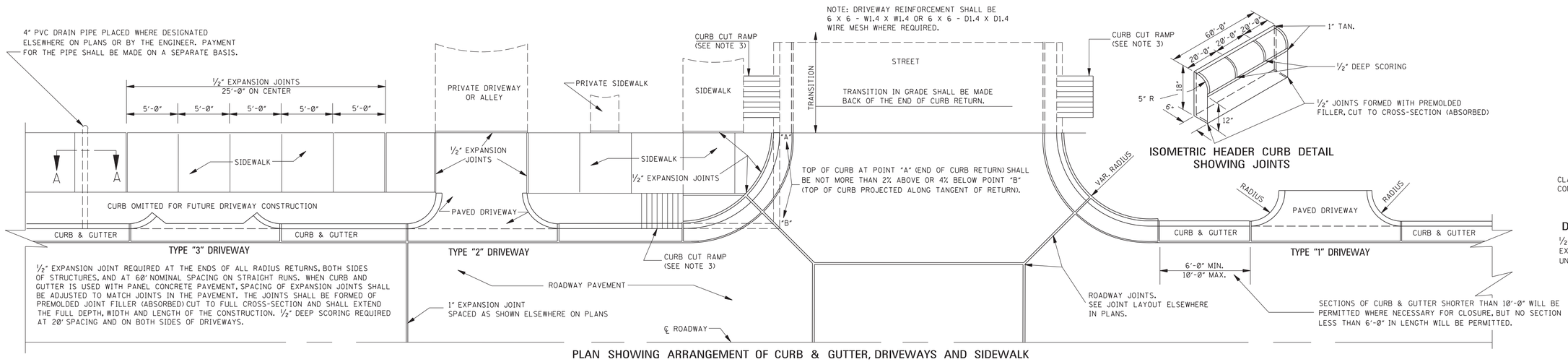
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE

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TCP-16

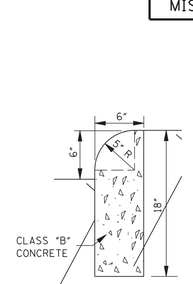
SHEET NUMBER
6366

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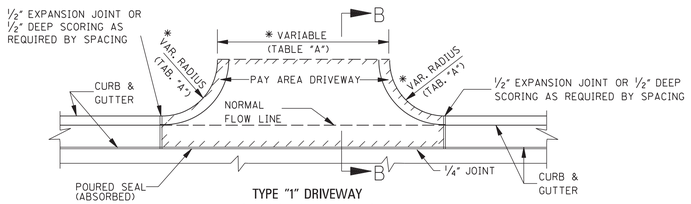
½" EXPANSION JOINT REQUIRED AT THE ENDS OF ALL RADIUS RETURNS, BOTH SIDES OF STRUCTURES, AND AT 60' NOMINAL SPACING ON STRAIGHT RUNS. WHEN CURB AND GUTTER IS USED WITH PANEL CONCRETE PAVEMENT, SPACING OF EXPANSION JOINTS SHALL BE ADJUSTED TO MATCH JOINTS IN THE PAVEMENT. THE JOINTS SHALL BE FORMED OF PREMOLDED JOINT FILLER (ABSORBED) CUT TO FULL CROSS-SECTION AND SHALL EXTEND THE FULL DEPTH, WIDTH AND LENGTH OF THE CONSTRUCTION. ½" DEEP SCORING REQUIRED AT 20' SPACING AND ON BOTH SIDES OF DRIVEWAYS.

PLAN SHOWING ARRANGEMENT OF CURB & GUTTER, DRIVEWAYS AND SIDEWALK



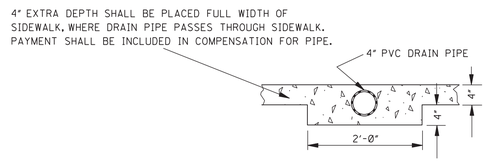
DETAIL OF HEADER CURB

½" CONTRACTION JOINTS REQUIRED AT 20' O.C.
EXPANSION JOINTS REQUIRED AT 60' O.C.
UNLESS OTHERWISE DIRECTED BY ENGINEER.

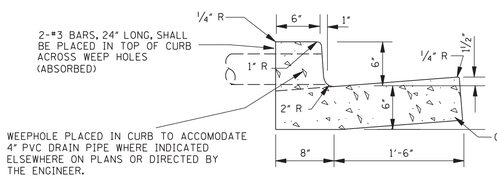


TYPE "1" DRIVEWAY

PLAN OF CONCRETE DRIVEWAY

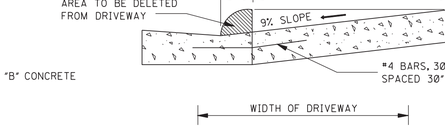


SECTION A–A



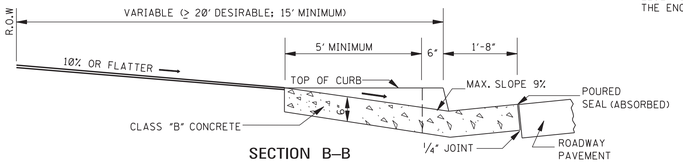
TYPE "1"

DETAIL OF COMBINATION CURB & GUTTER

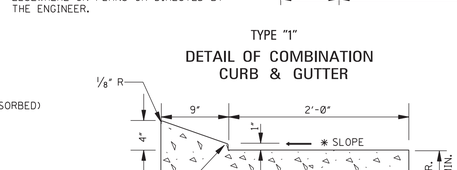


* TABLE "A"		
DRIVEWAY TYPE	DRIVEWAY WIDTH	CURB RETURN RADIUS
RESIDENTIAL	16'	5' - 10'
COMMERCIAL/ INDUSTRIAL	30' - 50'	10' - 30'

11.058 yd² FOR DRIVEWAY 16'-0" IN WIDTH.
0.574 yd² FOR EACH ADDED OR SUBTRACTED FOOT OF WIDTH.
NOTE: THIS DRIVEWAY AREA EXAMPLE IS COMPUTED ON THE BASIS OF 3'-0" RADIUS. PAYMENT FOR CURB RADIUS SHALL BE INCLUDED IN COMPENSATION FOR DRIVEWAY.

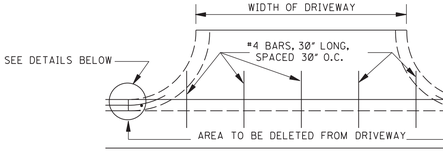


SECTION B–B



TYPE "2"

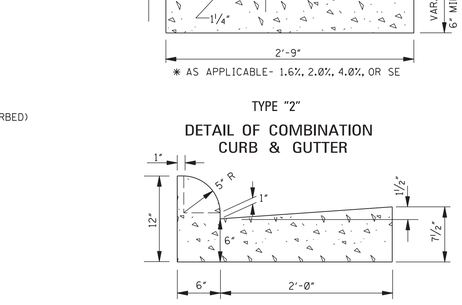
DETAIL OF COMBINATION CURB & GUTTER



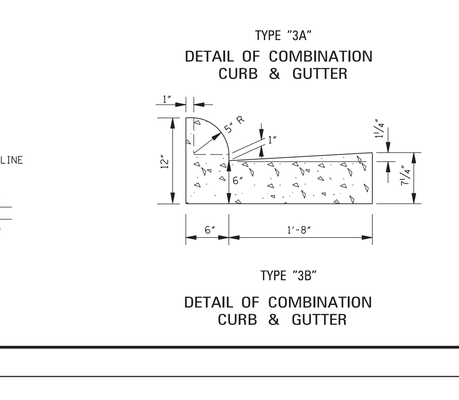
PLAN

SECTIONAL ELEVATION

PERMISSIBLE DRIVEWAY CONSTRUCTION METHOD FOR SLIP–FORM PLACEMENT OF CURB & GUTTER



SECTION C–C



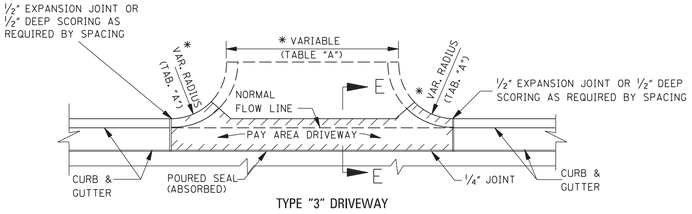
TYPE "3A"

DETAIL OF COMBINATION CURB & GUTTER

SECTION D–D

TYPE "3B"

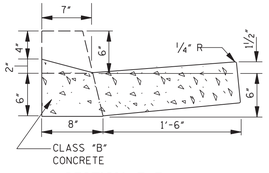
DETAIL OF COMBINATION CURB & GUTTER



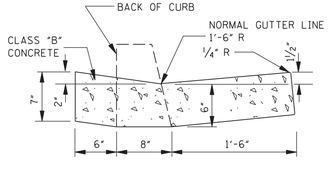
TYPE "3" DRIVEWAY

PLAN–CURB OMITTED FOR FUTURE DRIVEWAY CONSTRUCTION

NOTE: THIS TYPE CONSTRUCTION SHALL BE USED WHERE DESIGNATED ELSEWHERE ON PLANS OR BY THE ENGINEER.



SECTION E–E



DETAIL OF VALLEY GUTTER

GENERAL NOTES:

1. TRAVERSE CONTRACTION JOINTS ARE REQUIRED AT 20' ON CENTER FOR ALL CONCRETE DRIVEWAYS THAT EXTEND PAST THE END OF THE CURB RETURN. A ½" WIDE EXPANSION JOINT IS REQUIRED AT THE END OF THE CURB RETURN AND AT 60' ON CENTER THROUGHOUT THE LENGTH OF THE DRIVEWAY. A LONGITUDINAL CONTRACTION JOINT IS REQUIRED FOR ALL DRIVEWAYS EXCEEDING 20' IN WIDTH.
2. SEE WK. NOS. CR-1, CR-2, CR-3 & CR-4 FOR DETAILS OF CURB-CUT RAMPS.
3. MAXIMUM 2% CROSS-SLOPE ON SIDEWALKS.

BY | REVISION | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

DRIVEWAYS, CURB & GUTTER, & SIDEWALK

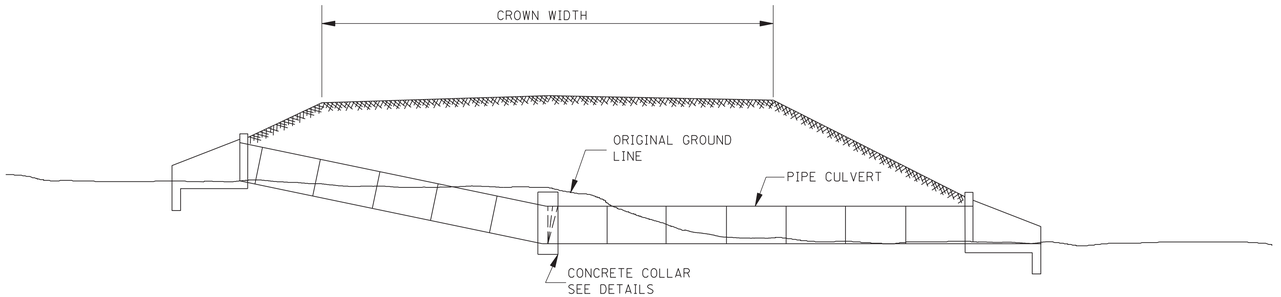
MDOT

WORKING NUMBER SD-1

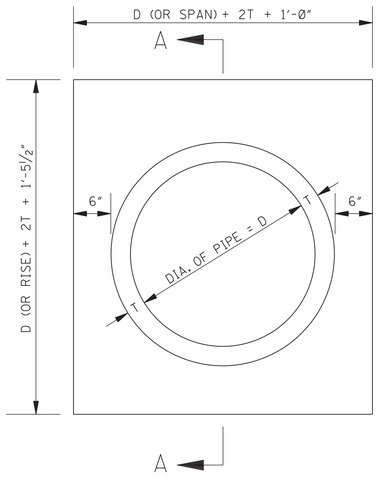
SHEET NUMBER 6419

ISSUE DATE: AUGUST 01, 2017

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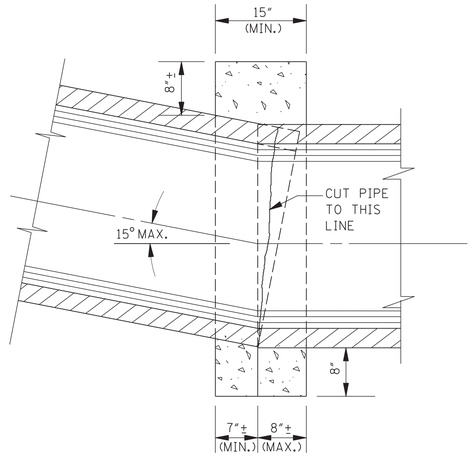


TYPICAL INSTALLATION FOR PIPE CULVERT WITH BROKEN FLOW LINE



ELEVATION OF CONCRETE COLLAR

NOTE: CIRCULAR PIPE IS SHOWN, ARCH PIPE IS SIMILAR.



SECTION A–A

GENERAL NOTES:

1. THE MAXIMUM BEND ANGLE IS 15 DEGREES.

2. THE FOLLOWING QUANTITIES SHALL BE THE BASIS FOR PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE:

QUANTITIES FOR
CONCRETE COLLAR FOR PIPE CULVERTS

CIRCULAR PIPE		ARCH PIPE	
DIA. OF PIPE	CLASS "B" CONCRETE (yd^3)	SIZE OF PIPE	CLASS "B" CONCRETE (yd^3)
12"	0.240		
15"	0.260	18 x 11	0.280
18"	0.320	22 x 13	0.310
24"	0.410	29 x 18	0.410
30"	0.510	36 x 23	0.490
36"	0.620	44 x 27	0.600
42"	0.730	51 x 31	0.690
48"	0.850	58 x 36	0.820
54"	0.980	65 x 40	0.920
60"	1.110	73 x 45	1.070
66"	1.248	88 x 54	1.366
72"	1.393		

BY	REVISION	DATE

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ROADWAY DESIGN DIVISION
STANDARD PLAN

CONCRETE PIPE COLLAR

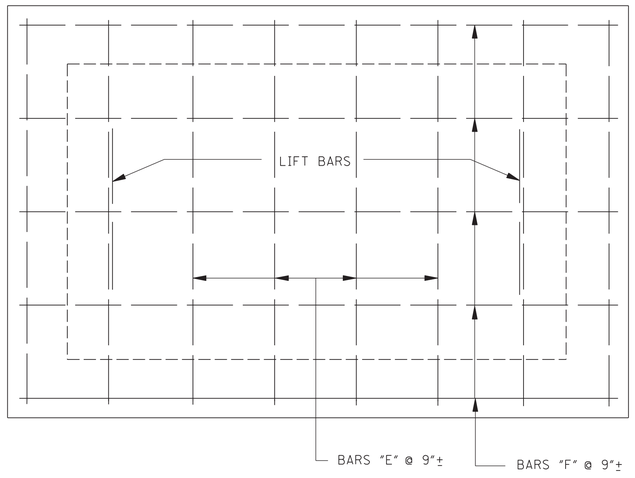
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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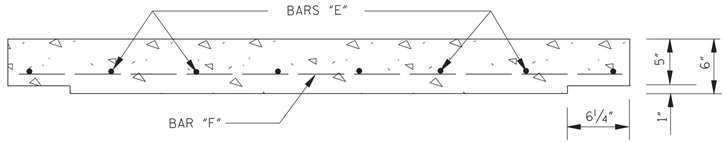
ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER
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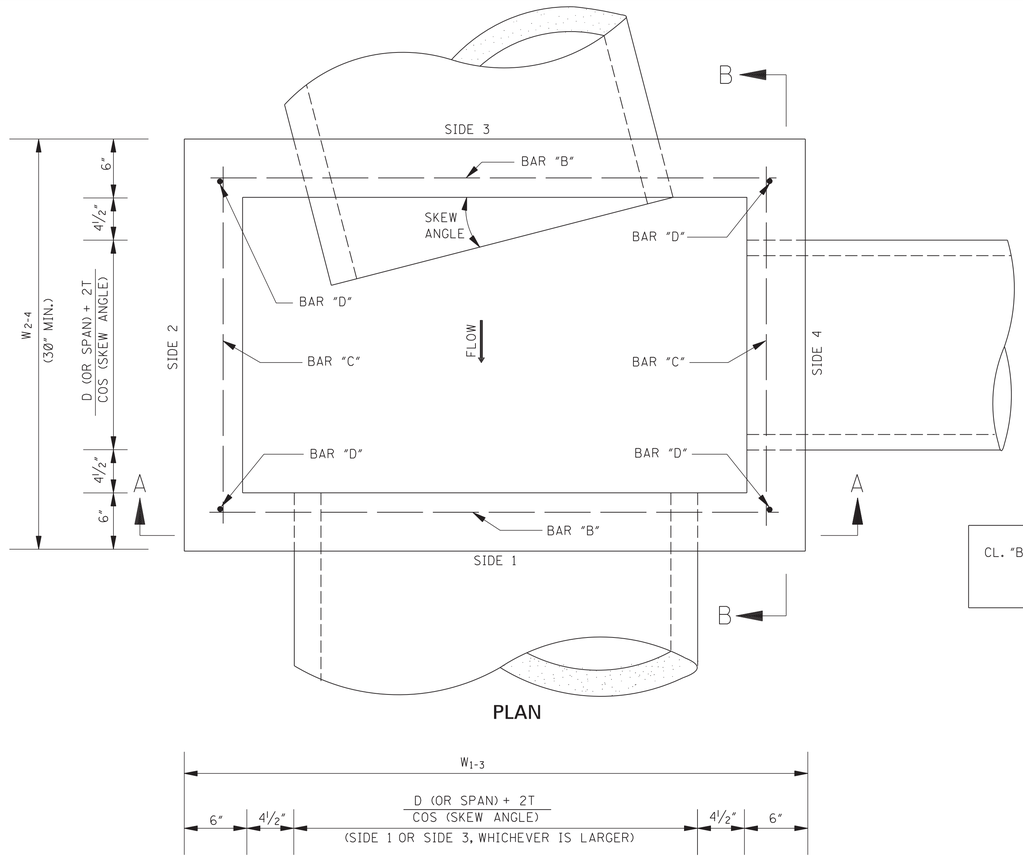
STATE	PROJECT NO.
MISS.	



PLAN OF COVER



ELEVATION OF COVER



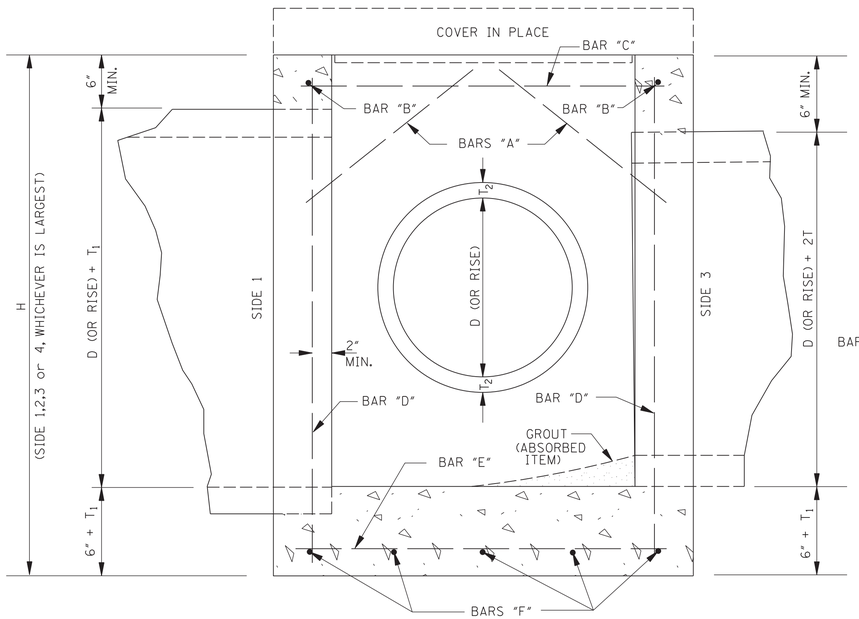
PLAN

REINFORCING BAR LIST			
BAR	SIZE	NUMBER REQUIRED	LENGTH
A	#4	2 PER PIPE OPENING	$\sqrt{196" + \left(\frac{W^*}{2} + 2"\right)^2}$
B	#4	2	W_{1-3} - 6"
C	#4	2	W_{2-4} - 6"
D	#4	4	H - 6"
E	#4	$2\left[\left(\frac{W_{1-3}}{9"}\right)^{**} + 1\right]$	W_{2-4} - 4"
F	#4	$2\left[\left(\frac{W_{2-4}}{9"}\right)^{**} + 1\right]$	W_{1-3} - 4"

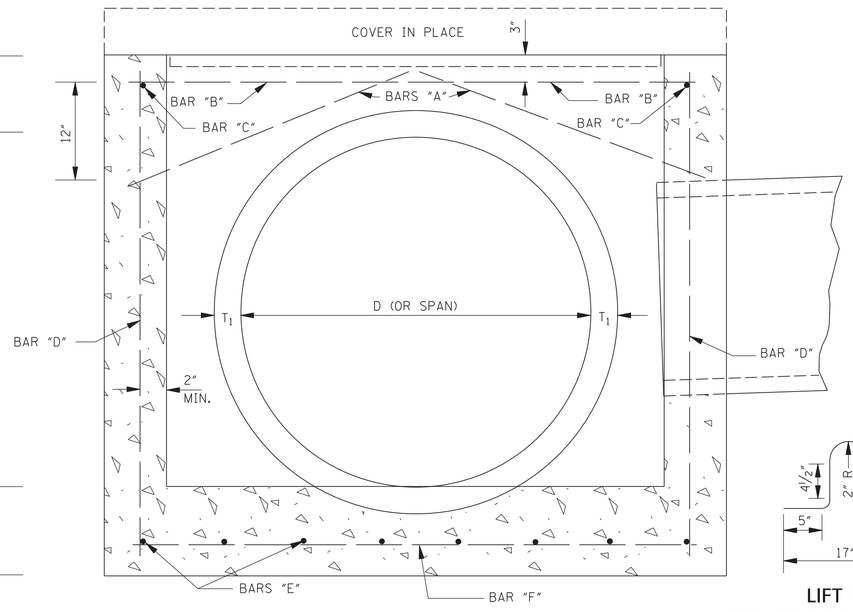
NOTE: VARIABLES AND DESIGNATIONS ARE AS FOLLOWS:
D (OR SPAN) = PIPE DIAMETER (OR SPAN)
W_{1-3} = WIDTH OF SIDE 1 & SIDE 3
W_{2-4} = WIDTH OF SIDE 2 & SIDE 4
W^* = W_{1-3} OR W_{2-4} (SIDE OF ENTERING PIPE)
** = ROUND TO NEAREST WHOLE NUMBER

CL. "B" CONC. (yd^3) = [(Q1 + Q2) / 46.656] - $\sum$ PIPE OPENING DEDUCTIONS
WHERE: $Q1 = [5"W_{1-3}W_{2-4}] + [1"(W_{1-3} - 12.5")X(W_{2-4} - 12.5")] + [(T_1 + 6")W_{1-3}W_{2-4}]$
$Q2 = 12"[H - (T_1 + 6")][(W_{1-3} - 12") + W_{2-4}]$

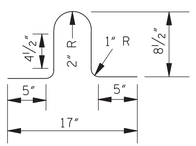
COMMON PIPE SIZE					
CIRCULAR PIPE			ARCH PIPE		
PIPE SIZE	T	PIPE OPENING DEDUCTION (yd^3)	PIPE SIZE	T	PIPE OPENING DEDUCTION (yd^3)
18"	2½"	0.053	22" x 13"	2½"	0.053
24"	3"	0.091	29" x 18"	3"	0.087
30"	3½"	0.138	36" x 23"	3½"	0.129
36"	4"	0.196	44" x 27"	4"	0.185
42"	4½"	0.263	51" x 31"	4½"	0.245
48"	5"	0.340	58" x 36"	5"	0.318
54"	5½"	0.427	65" x 40"	5½"	0.394
60"	6"	0.524	73" x 45"	6"	0.489
66"	6½"	0.630			
72"	7"	0.747			



SECTION B–B



SECTION A–A



LIFT BAR

NOTE: LIFT BAR TO BE FABRICATED FROM A #4 BAR 30" LONG. TWO LIFT BARS ARE REQUIRED. REINFORCING STEEL FOR 2 LIFT BARS = 3.3 lbs.

GENERAL NOTES:

1. REINFORCING STEEL QUANTITIES TO BE COMPUTED FROM BAR LIST AND SHOWN ELSEWHERE ON THE PLANS.
2. QUANTITIES FOR JUNCTION BOXES SHOWN ON THE PLANS WILL BE THE BASIS FOR PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
3. CONCRETE SHALL BE CLASS "B" AND REINFORCING STEEL SHALL BE DEFORMED BARS.
4. SIDE 1 OF THE JUNCTION BOX WILL ALWAYS BE THE OUTFLOW SIDE.
5. IF PIPES ARE SKEWED MORE THAN 15° OR IF SKEWED PIPES PRODUCE CONFLICTS WITH ANOTHER OPENING, THE PIPE SHALL BE BROKEN BACK TO THE WALL OF THE JUNCTION BOX.

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

JUNCTION BOX FOR PIPE CULVERTS

MDOT

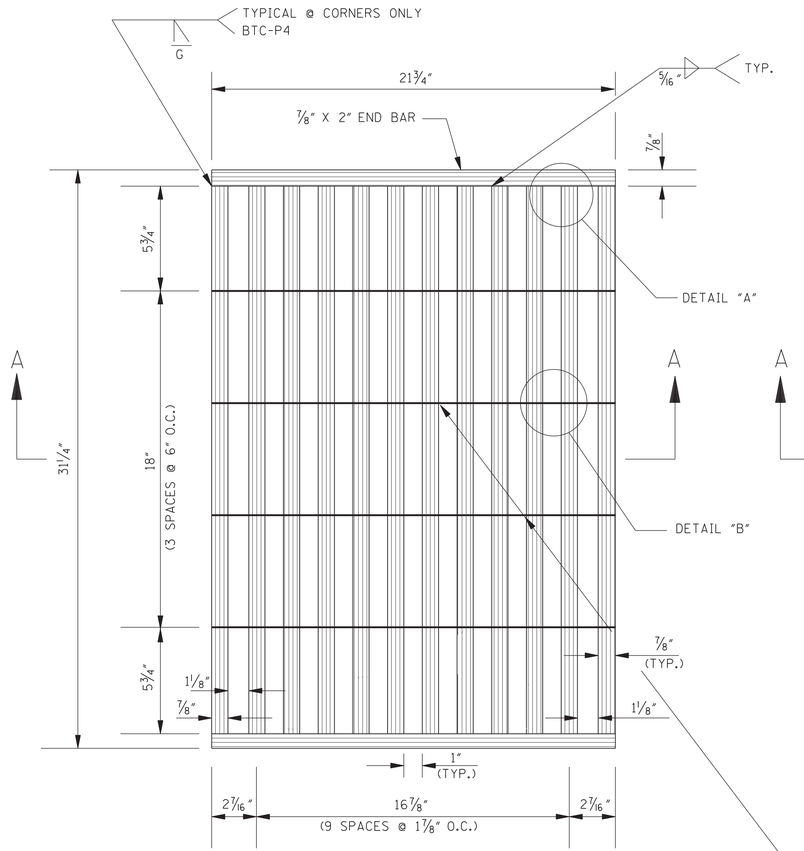
WORKING NUMBER
JB-1

SHEET NUMBER
6504

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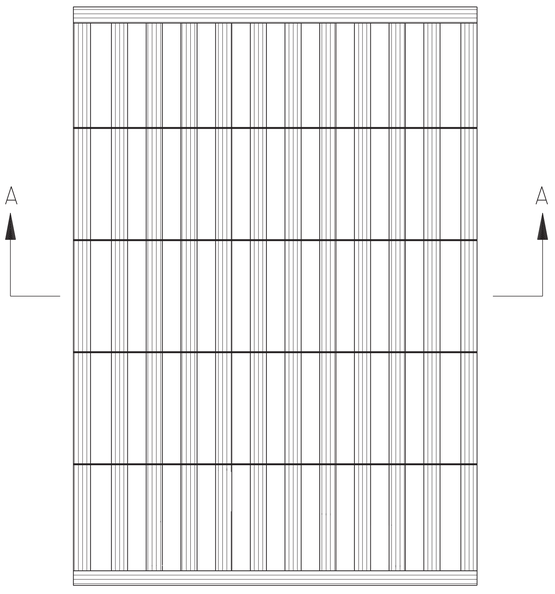
GRATE NO. 1 – ALTERNATE #1



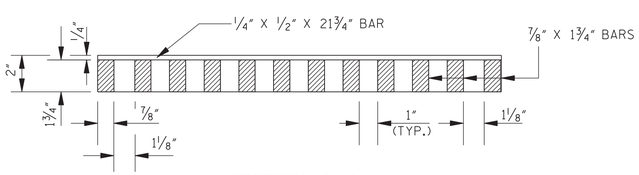
PLAN

GRATE NO. 1 – ALTERNATE #2

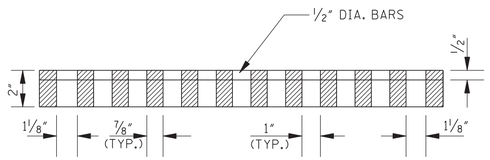
NOTE: PLAN DIMENSIONS FOR ALTERNATE #2 ARE IDENTICAL TO THAT OF ALTERNATE #1 AS SHOWN ON THE FIGURE AT LEFT.



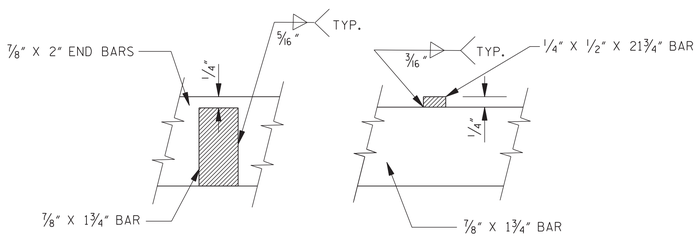
PLAN



SECTION A–A

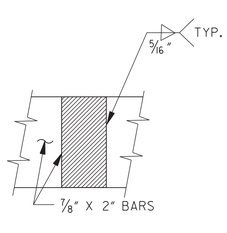


SECTION A–A

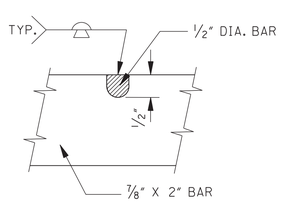


DETAIL A

DETAIL B

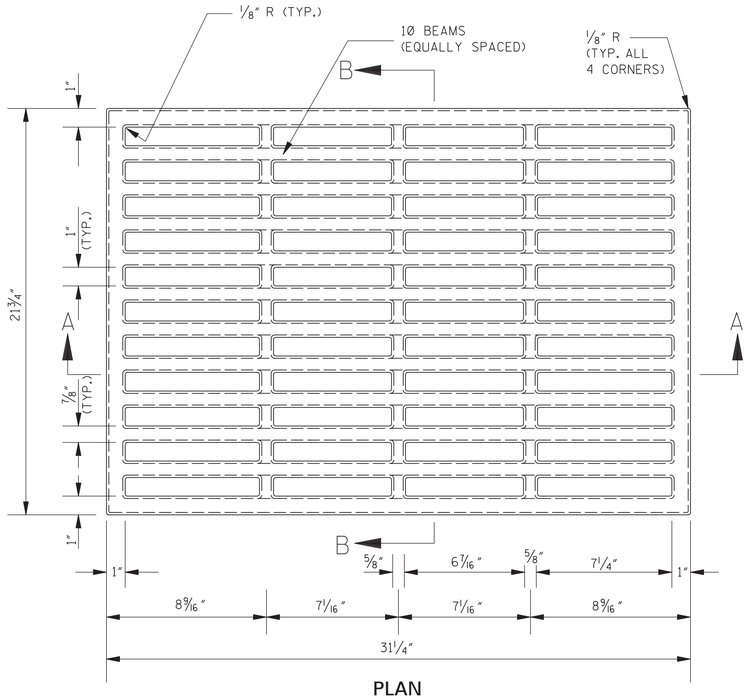


DETAIL A

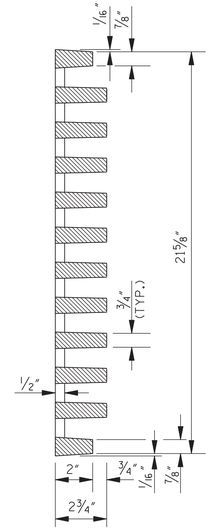


DETAIL B

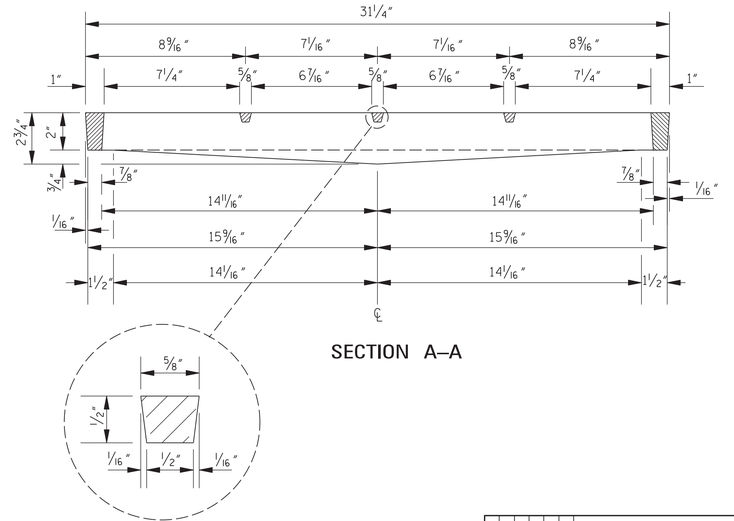
GRATE NO. 2



PLAN



SECTION B–B



SECTION A–A

GENERAL NOTES:

1. BASIS OF PAYMENT WILL BE 200 lbs OF GRATING FOR EITHER GRATE.
2. GRATE NO. 1
   THE GRATE SHALL BE WELDED STEEL (ASTM A 588).
3. GRATE NO. 2
   THE GRATE SHALL BE DUCTILE IRON (ASTM A 536, GRADE 80-55-06).

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

DETAILS OF GRATES FOR GUTTER INLETS

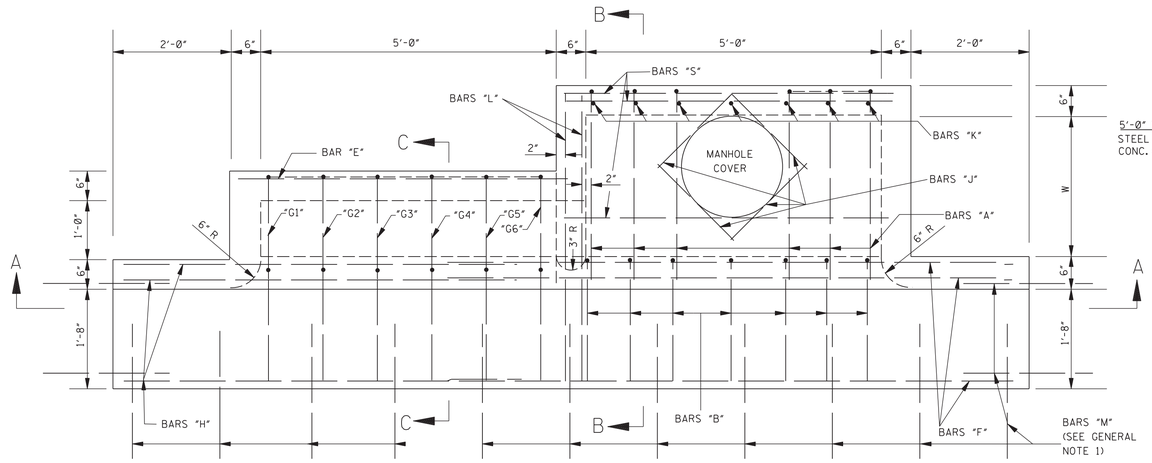
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER
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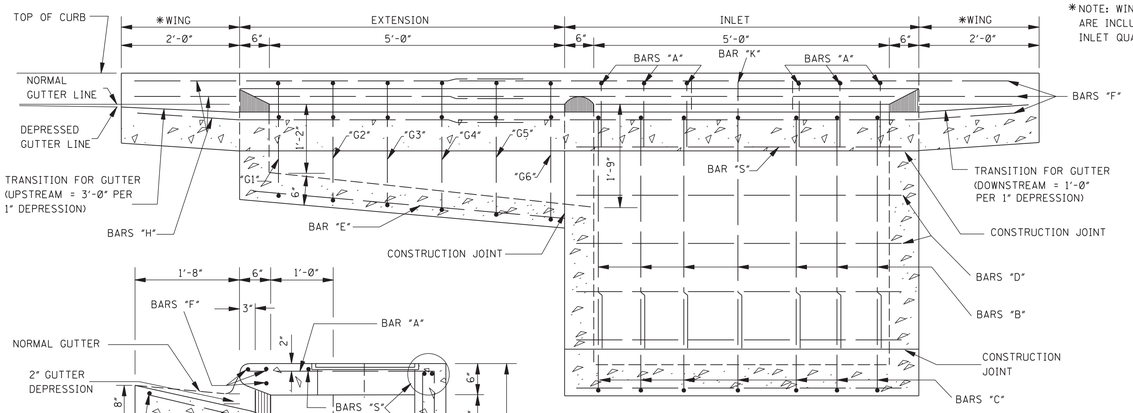
ISSUE DATE: AUGUST 01, 2017

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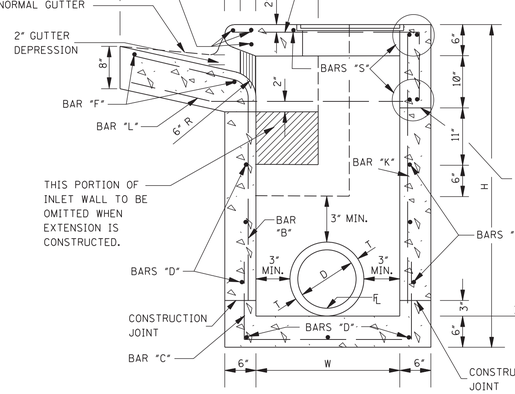
STATE	PROJECT NO.
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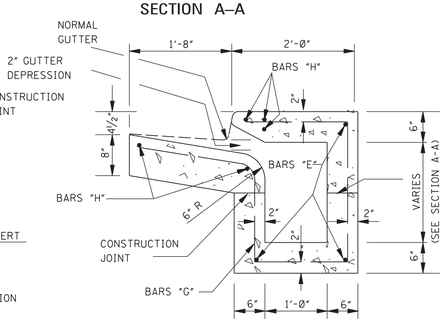
PLAN



*NOTE: WING QUANTITIES ARE INCLUDED IN INLET QUANTITIES.

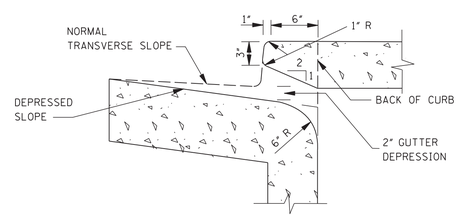


SECTION B–B

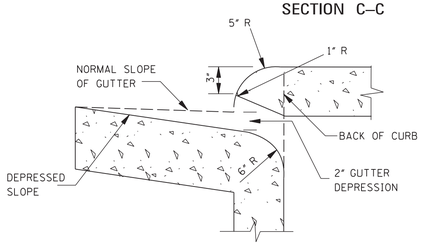


SECTION C–C

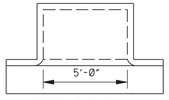
SECTION A–A



THROAT DETAIL OF BARRIER CURB

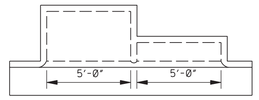


THROAT DETAIL OF ROLLED CURB



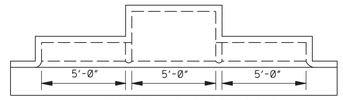
REGULAR INLET

5'-0" INLET
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 121
CONC. = (WY + 5.5W + 6Y + 14.611)/27



INLET WITH ONE EXTENSION

10'-0" INLET
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 231
CONC. = (WY + 5.5W + 6Y + 38.641)/27



INLET WITH TWO EXTENSIONS

15'-0" INLET
STEEL = 8.68W + 9.35Y +3.79W' + 7.57H' +341
CONC = (WY + 5.5W + 6Y + 62.671)/27

NOTES:
1. W AND H ARE EXPRESSED IN DECIMAL FEET.
2. W' = W ROUNDED TO NEAREST WHOLE FOOT.
3. Y = (H-Ø.5).
4. H' = (H - 2.Ø8) ROUNDED TO NEAREST WHOLE FOOT.
5. NO DEDUCTIONS ARE MADE FOR PIPE OPENINGS IN FORMULAS.

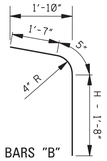
ADD. CONCRETE PER FOOT OF H		ADD. CONCRETE PER FOOT OF W	
W	yd³/ft	H	yd³/ft
2'-6"	Ø.315	3'-6"	Ø.315
3'-Ø"	Ø.333	4'-Ø"	Ø.333
3'-6"	Ø.352	4'-6"	Ø.352
4'-Ø"	Ø.371	5'-Ø"	Ø.370
4'-6"	Ø.389	5'-6"	Ø.389
5'-Ø"	Ø.408	6'-Ø"	Ø.408
5'-6"	Ø.426	6'-6"	Ø.426
6'-Ø"	Ø.445	7'-Ø"	Ø.445
6'-6"	Ø.463	7'-6"	Ø.463
7'-Ø"	Ø.481	8'-Ø"	Ø.482
		8'-6"	Ø.500

PLAN OF INLET AND EXTENSIONS

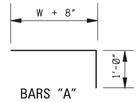
QUANTITIES FOR ONE EXTENSION					
BAR	SIZE	LENGTH	SPACING	NUMBER	†WEIGHT
"E"	#4	5'-8"	AS SHOWN	3	11
"G"	#4	SEE SCHEDULE	Ø'-11"	6	34
"H"	#6	6'-9"	AS SHOWN	5	51
"L"	#6	4'-9"	AS SHOWN	2	14
TOTAL STEEL FOR ONE EXTENSION = 110 lbs					
TOTAL CONCRETE FOR ONE EXTENSION = Ø.89 yd³					

†NOTE: WHERE EXTENSION IS USED WITH CONCRETE PAVEMENT, ADD 27 lbs OF STEEL FOR BARS "M".

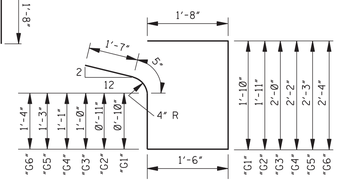
BAR "G" SCHEDULE	
BAR "G"	LENGTH
"G1"	7'-1Ø"
"G2"	8'-Ø"
"G3"	8'-2"
"G4"	8'-5"
"G5"	8'-8"
"G6"	8'-1Ø"



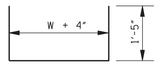
BARS "B"



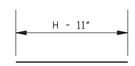
BARS "A"



BARS "G"

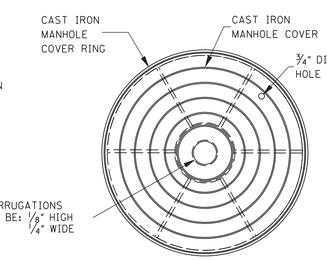


BARS "C"

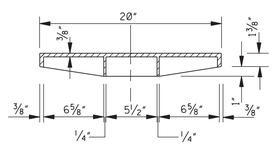


BARS "K"

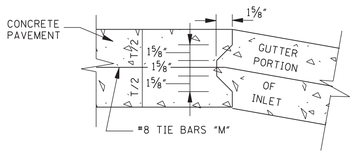
BAR DETAILS



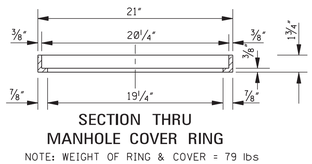
PLAN



SECTION THRU MANHOLE COVER



DETAIL OF KEYED CONSTRUCTION JOINTS
NOTE: FIELD BEND BARS "L" TO CENTER OF GUTTER SECTION



SECTION THRU MANHOLE COVER RING
NOTE: WEIGHT OF RING & COVER = 79 lbs

W=2'-6"	BILL OF REINFORCING STEEL FOR 1-5'-Ø" INLET																	
H	BAR "A" L = 4'-2" #4 @ 9"		BAR "C" L = 5'-8" #4 @ 9"		BAR "S" L = 5'-8" #4 @ 12"		BAR "D" L = 5'-8" #4 @ 12"±		BAR "F" L=9'-8" #6		BAR "J" L=2'-3" #4		BAR "B" #4 @ 9"		BAR "K" #4 @ 9"±		*TOTAL STEEL	TOTAL CONC.
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	lbs	yd³
3'-6"	6	17	7	27	5	19	5	19	5	73	4	6	3'-1Ø"	7	18	2'-7"	7	12	190	1.99
4'-Ø"	6	17	7	27	5	19	7	26	5	73	4	6	4'-4"	7	20	3'-1"	7	14	202	2.15
4'-6"	6	17	7	27	5	19	7	26	5	73	4	6	4'-1Ø"	7	23	3'-7"	7	17	207	2.31
5'-Ø"	6	17	7	27	5	19	9	34	5	73	4	6	5'-4"	7	25	4'-1"	7	19	219	2.47
5'-6"	6	17	7	27	5	19	9	34	5	73	4	6	5'-1Ø"	7	27	4'-7"	7	21	224	2.62
6'-Ø"	6	17	7	27	5	19	11	42	5	73	4	6	6'-4"	7	30	5'-1"	7	24	238	2.78
6'-6"	6	17	7	27	5	19	11	42	5	73	4	6	6'-1Ø"	7	32	5'-7"	7	26	240	2.94
7'-Ø"	6	17	7	27	5	19	13	49	5	73	4	6	7'-4"	7	34	6'-1"	7	28	253	3.10
7'-6"	6	17	7	27	5	19	13	49	5	73	4	6	7'-1Ø"	7	37	6'-7"	7	31	257	3.25

W=3'-Ø"	BILL OF REINFORCING STEEL FOR 1-5'-Ø" INLET																	
H	BAR "A" L = 4'-8" #4 @ 9"		BAR "C" L = 6'-2" #4 @ 9"		BAR "S" L = 5'-8" #4 @ 12"		BAR "D" L = 5'-8" #4 @ 12"±		BAR "F" L=9'-8" #6		BAR "J" L=2'-3" #4		BAR "B" #4 @ 9"		BAR "K" #4 @ 9"±		*TOTAL STEEL	TOTAL CONC.
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	lbs	yd³
3'-6"	6	19	7	29	5	19	5	19	5	73	4	6	3'-1Ø"	7	18	2'-7"	7	12	194	2.15
4'-Ø"	6	19	7	29	5	19	7	26	5	73	4	6	4'-4"	7	20	3'-1"	7	14	206	2.32
4'-6"	6	19	7	29	5	19	7	26	5	73	4	6	4'-1Ø"	7	23	3'-7"	7	17	211	2.49
5'-Ø"	6	19	7	29	5	19	9	34	5	73	4	6	5'-4"	7	25	4'-1"	7	19	223	2.65
5'-6"	6	19	7	29	5	19	9	34	5	73	4	6	5'-1Ø"	7	27	4'-7"	7	21	228	2.82
6'-Ø"	6	19	7	29	5	19	11	42	5	73	4	6	6'-4"	7	30	5'-1"	7	24	240	2.99
6'-6"	6	19	7	29	5	19	11	42	5	73	4	6	6'-1Ø"	7	32	5'-7"	7	26	245	3.15
7'-Ø"	6	19	7	29	5	19	13	49	5	73	4	6	7'-4"	7	34	6'-1"	7	28	257	3.32
7'-6"	6	19	7	29	5	19	13	49	5	73	4	6	7'-1Ø"	7	37	6'-7"	7	31	262	3.49

W=3'-6"	BILL OF REINFORCING STEEL FOR 1-5'-Ø" INLET																	
H	BAR "A" L = 5'-2" #4 @ 9"		BAR "C" L = 6'-8" #4 @ 9"		BAR "S" L = 5'-8" #4 @ 12"		BAR "D" L = 5'-8" #4 @ 12"±		BAR "F" L=9'-8" #6		BAR "J" L=2'-3" #4		BAR "B" #4 @ 9"		BAR "K" #4 @ 9"±		*TOTAL STEEL	TOTAL CONC.
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	lbs	yd³
3'-6"	6	21	7	31	5	19	6	23	5	73	4	6	3'-1Ø"	7	18	2'-7"	7	12	202	2.31
4'-Ø"	6	21	7	31	5	19	8	30	5	73	4	6	4'-4"	7	20	3'-1"	7	14	214	2.49
4'-6"	6	21	7	31	5	19	8	30	5	73	4	6	4'-1Ø"	7	23	3'-7"	7	17	219	2.66
5'-Ø"	6	21	7	31	5	19	1Ø	38	5	73	4	6	5'-4"	7	25	4'-1"	7	19	231	2.84
5'-6"	6	21	7	31	5	19	1Ø	38	5	73	4	6	5'-1Ø"	7	27	4'-7"	7	21	236	3.01
6'-Ø"	6	21	7	31	5	19	12	45	5	73	4	6	6'-4"	7	30	5'-1"	7	24	248	3.19
6'-6"	6	21	7	31	5	19	12	45	5	73	4	6	6'-1Ø"	7	32	5'-7"	7	26	253	3.37
7'-Ø"	6	21	7	31	5	19	14	53	5	73	4	6	7'-4"	7	34	6'-1"	7	28	265	3.54
7'-6"	6	21	7	31	5	19	14	53	5	73	4	6	7'-1Ø"	7	37	6'-7"	7	31	270	3.72

* NOTE: WHERE INLET IS USED WITH CONCRETE PAVEMENT, ADD 73 lbs OF STEEL FOR BARS "M".

GENERAL NOTES:

1. WHERE INLET OR INLET WITH EXTENSION(S) IS USED WITH CONCRETE PAVEMENT WITH INTEGRAL CURB, THE PAVEMENT SHALL BE BLOCKED OUT TO THE DIMENSIONS AS SHOWN FOR THE GUTTER PORTION OF THE INLET OR INLET WITH EXTENSION(S). THE PORTION BLOCKED OUT SHALL BE PLACED INTEGRAL WITH THE TOP OF THE INLET OR INLET WITH EXTENSION(S). #8 DEFORMED BARS 30' LONG SHALL BE PLACED ON 18" CENTERS AT THE CENTER OF THE PAVEMENT. THESE BARS SHALL EXTEND INTO THE GUTTER PORTION OF THE INLET OR INLET WITH EXTENSION(S) 15". THE CONSTRUCTION JOINT BETWEEN THE CONCRETE PAVEMENT AND THE INLET OR INLET WITH EXTENSION(S) SHALL BE A KEYED JOINT AS SHOWN. A SMOOTH CONSTRUCTION JOINT WILL NOT BE PERMITTED. QUANTITIES FOR BLOCKED OUT AREA OF PAVEMENT SHALL BE INCLUDED IN QUANTITIES FOR INLET OR INLET WITH EXTENSION(S).
2. THE QUANTITIES SHOWN, MINUS VOLUMETRIC DISPLACEMENT OF CONCRETE BY PIPE CULVERTS THROUGH INLET WALLS, WILL BE USED AS THE BASIS OF FINAL PAYMENT UNLESS THIS PLAN IS MODIFIED.
3. FOR CONVENIENCE, DEPTHS OF INLETS SHOWN IN ABOVE TABLE ARE INCREMENTS OF 6". BUT ANY DEPTHS OTHER THAN THESE SHOWN MAY BE USED WHEREVER DEEMED NECESSARY. QUANTITIES FOR OTHER DEPTHS, FALLING WITHIN THE LIMITS OF THE TABLE, MAY BE FOUND BY INTERPOLATION.
4. FIELD CUT AND BEND BARS AS NECESSARY TO ACCOMMODATE STORM SEWER. NO DEDUCTIONS ARE TO BE MADE IN STEEL QUANTITIES.
5. WHERE INLET IS BEING USED ADJACENT TO SIDEWALK, REFER TO OTHER SHEETS FOR TOP DETAIL.

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

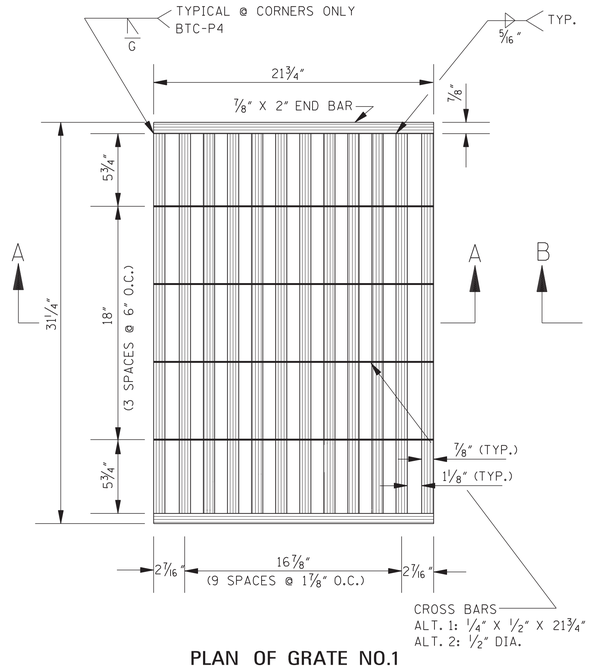
STORM SEWER INLET TYPE SS-2

ISSUE DATE: AUGUST Ø1, 2Ø17

WORKING NUMBER SS-2

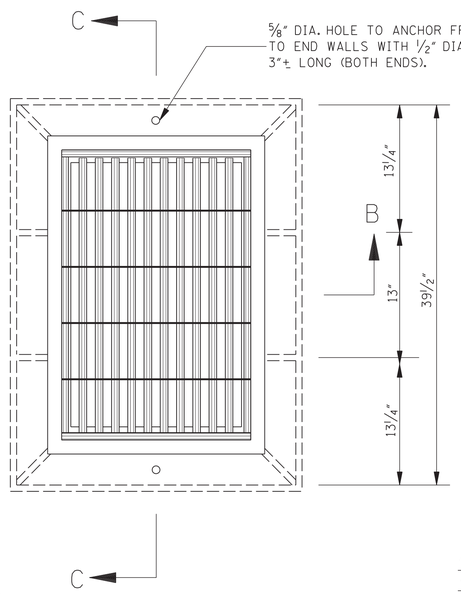
SHEET NUMBER 6524

STATE	PROJECT NO.
MISS.	

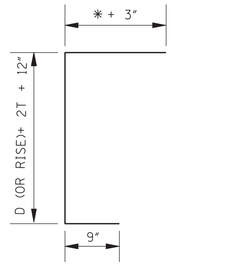


PLAN OF GRATE NO.1

NOTE: FOR OTHER GRATE DETAILS SEE SHEET IG-2.

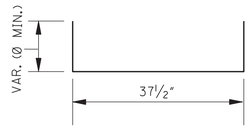


PLAN OF INLET



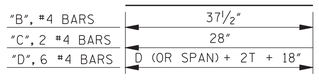
8 #4 BARS,
0.5[D(OR SPAN)+2D(OR RISE)+6T+38"] LONG

BARS "A"



4 #4 BARS, VAR. LENGTH

BARS "U"



BARS "B", "C" & "D"

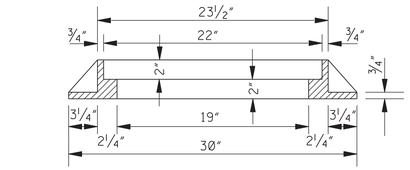
BAR DETAILS

*NOTE:

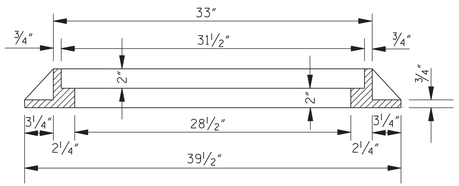
$$* \left[\frac{D\ (\text{OR SPAN}) + 2T - 10"}{2} \right]$$

QUANTITIES										
PIPE SIZE	MIN. DEPTH TO F.L.	MIN. DEPTH INLET		PIPE OPENING DEDUCTION (yd^3)	T	BARS/SIZES				
		CONC. (yd^3)	STEEL (lbs)			"A" / #4	"B" / #4	"C" / #4	"D" / #4	"U" / #4
						NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.
18"	2.792'	0.869	76	0.053	2 1/2"	8 @ 4'-5 1/2"	12 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 3'-5"	4 @ 3'-9 1/2"
24"	3.334'	1.117	87	0.091	3"	8 @ 5'-4"	14 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 4'-0"	4 @ 3'-9 1/2"
30"	3.875'	1.385	94	0.138	3 1/2"	8 @ 6'-2 1/2"	14 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 4'-7"	4 @ 3'-9 1/2"
36"	4.417'	1.671	105	0.196	4"	8 @ 7'-1"	16 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 5'-2"	4 @ 3'-9 1/2"
42"	4.959'	1.978	116	0.263	4 1/2"	8 @ 7'-11 1/2"	18 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 5'-9"	4 @ 3'-9 1/2"
48"	5.500'	2.305	123	0.340	5"	8 @ 8'-10"	18 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 6'-4"	4 @ 3'-9 1/2"
54"	6.042'	2.650	135	0.427	5 1/2"	8 @ 9'-8 1/2"	20 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 6'-11"	4 @ 3'-9 1/2"
60"	6.583'	3.016	146	0.524	6"	8 @ 10'-7"	22 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 7'-6"	4 @ 3'-9 1/2"
66"	7.125'	3.402	153	0.630	6 1/2"	8 @ 11'-5 1/2"	22 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 8'-1"	4 @ 3'-9 1/2"
72"	7.667'	3.806	164	0.747	7"	8 @ 12'-4"	24 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 8'-8"	4 @ 3'-9 1/2"
22" X 13"	2.417'	0.855	76	0.053	2 1/2"	8 @ 4'-3"	12 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 3'-9"	4 @ 3'-9 1/2"
29" X 18"	2.833'	1.085	83	0.087	3"	8 @ 5'-0 1/4"	12 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 4'-4 1/2"	*4 @ 3'-9 1/2"
36" X 23"	3.250'	1.358	94	0.129	3 1/2"	8 @ 5'-10"	14 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 5'-1"	4 @ 3'-9 1/2"
44" X 27"	3.635'	1.631	101	0.185	4"	8 @ 6'-7 1/2"	14 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 5'-10"	4 @ 3'-9 1/2"
51" X 31"	4.068'	1.942	113	0.245	4 1/2"	8 @ 7'-5 1/2"	16 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 6'-6"	4 @ 3'-9 1/2"
58" X 36"	4.500'	2.269	120	0.318	5"	8 @ 8'-3"	16 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 7'-2 1/2"	*4 @ 3'-9 1/2"
65" X 40"	4.875'	2.575	130	0.394	5 1/2"	8 @ 9'-0"	18 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 7'-10"	4 @ 3'-9 1/2"
73" X 45"	5.333'	2.966	139	0.489	6"	8 @ 9'-10 1/2"	18 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 8'-7"	4 @ 3'-9 1/2"
88" X 54"	6.167'	3.765	156	0.688	7"	8 @ 11'-6"	20 @ 3'- 1 1/2"	2 @ 2'-4"	6 @ 10'-0"	4 @ 3'-9 1/2"

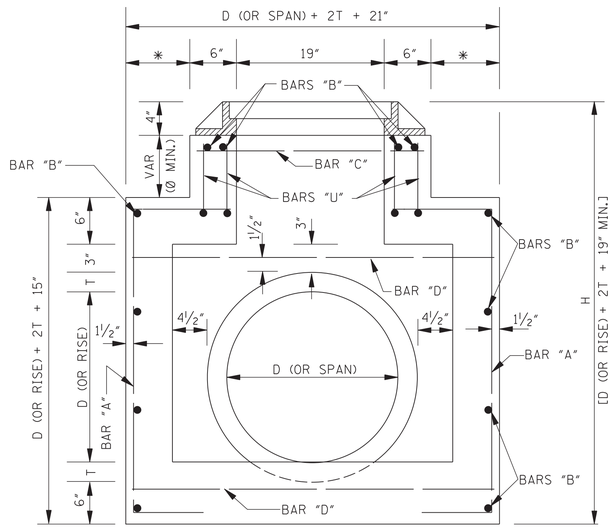
NOTES:
1. ONE (1) PIPE OPENING HAS BEEN DEDUCTED FROM THE STRUCTURE.
2. FOR EACH ADDITIONAL FOOT OF INLET HEIGHT, ADD 0.184 yd^3 CLASS "B" CONCRETE AND 17 lbs REINFORCING STEEL.
3. 4 BARS "B" AND 2 BARS "C" REQUIRED PER EACH ADDITIONAL FOOT OF INLET HEIGHT.
4. WEIGHT OF FRAME CASTING = 244 lbs.
   WEIGHT OF GRATE = SEE SHEET IG-2.



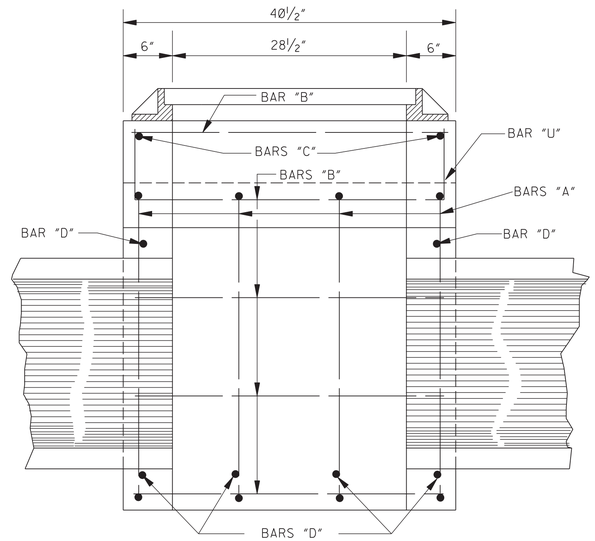
SECTION B–B
(FRAME)



SECTION C–C
(FRAME)



SECTION B–B



SECTION C–C

GENERAL NOTES:

1. QUANTITIES SHOWN WILL BE THE BASIS OF PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
2. CONCRETE SHALL BE CLASS "B" CONCRETE AND REINFORCING STEEL SHALL BE DEFORMED BARS.
3. THE CONTRACTOR HAS THE OPTION TO PROVIDE GRATE NO. 1 OR GRATE NO. 2 AS SHOWN ON SHEET IG-2.
4. FRAME TO BE GRAY IRON CASTING, (AASHTO M 105, CLASS 30).

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

STORM SEWER INLET TYPE SS-3

MDOT

WORKING NUMBER
SS-3

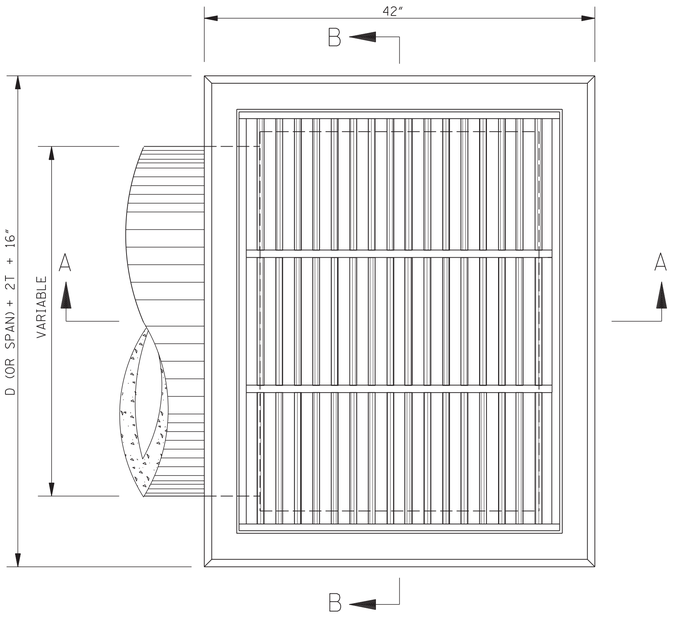
SHEET NUMBER
6525

ISSUE DATE: AUGUST 01, 2017

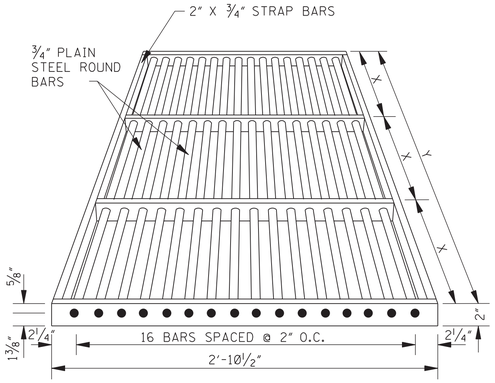
STATE	PROJECT NO.
MISS.	

"A", #4 BARS	AS PER TABLE
"B", #4 BARS	D (OR SPAN) +2T+9"
"C", #4 BARS	34"
"D", #4 BARS	D (OR RISE) +T+4"

BARS "A", "B", "C" & "D"

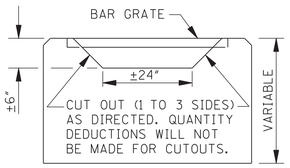


PLAN



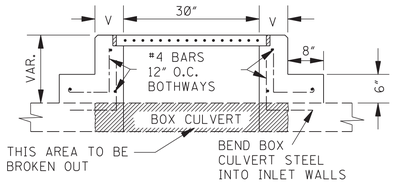
BAR GRATE DETAILS

NOTE: JUNCTIONS OF ROUND AND STRAP BARS SHALL BE WELDED. GRATE SHALL BE SHOP COATED WITH APPROVED EPOXY MASTIC PAINT.

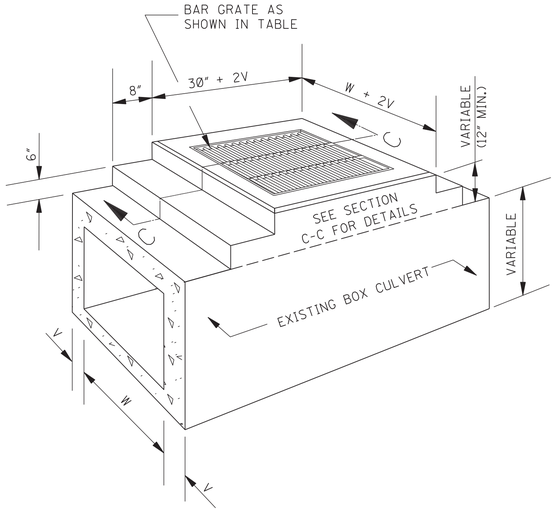


ELEVATION

MODIFIED PIPE OR BOX CULVERT INLET

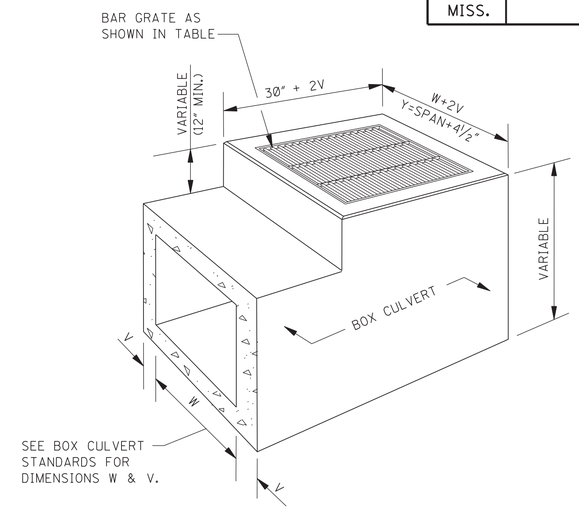


SECTION C–C



SECTIONAL PERSPECTIVE

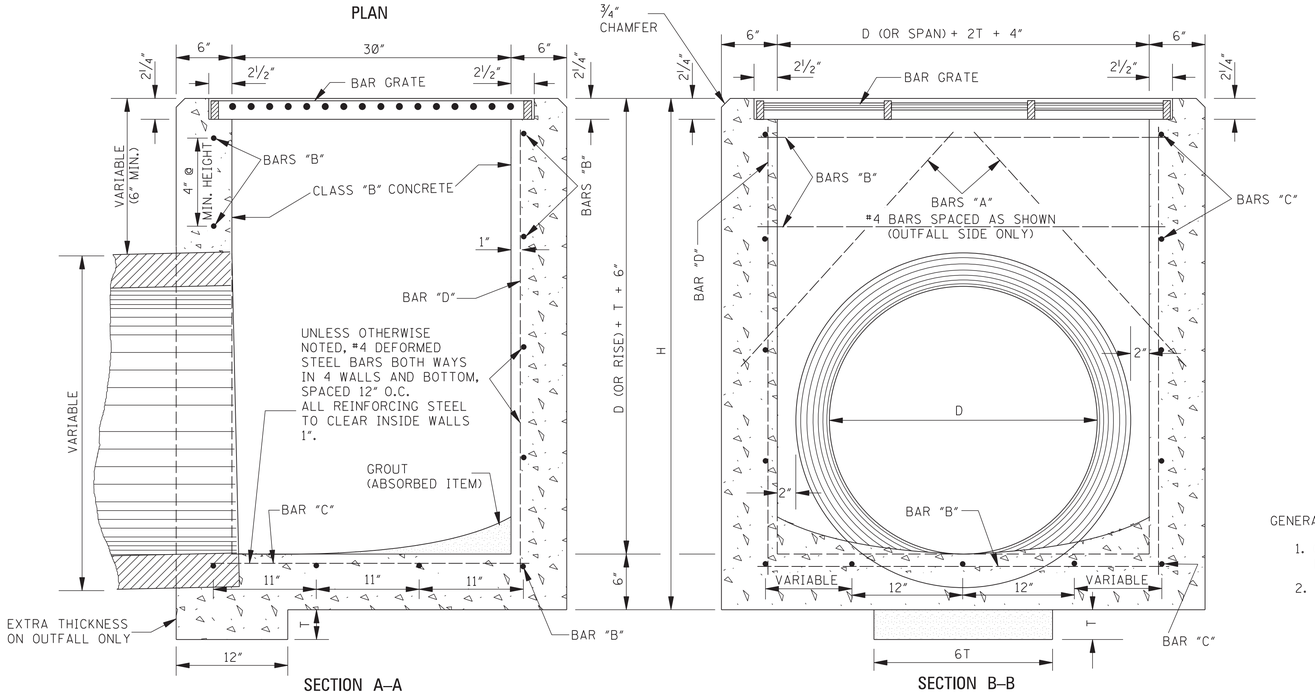
INLET ON EXISTING BOX CULVERT



SECTIONAL PERSPECTIVE

INLET USED IN LIEU OF HEADWALLS

LENGTH AND WEIGHT OF GRATING									
PIPE INLETS					BOX CULVERT INLETS				
PIPE SIZE	Y	X	NO. X-SPANS	WEIGHT (lbs)	BOX CULVERT SIZE	Y	X	NO. X-SPANS	WEIGHT (lbs)
18"	2'-7½"	1'-3¾"	2	127	2' X 2'	2'-4½"	1'-2¼"	2	119
22" X 13"	2'-11½"	1'-5¾"	2	139	3' X 2'	3'-4½"	1'-1½"	3	166
24"	3'-2½"	1'-7¼"	2	147	4' X 2'	4'-4½"	1'-5½"	3	200
29" X 18"	3'-7"	1'-2 11/32"	3	173	5' X 2'	5'-4½"	1'-4⅛"	4	247
30"	3'-9½"	1'-3 11/32"	3	180	6' X 2'	6'-4½"	1'-3 19/64"	5	293
36"	4'-4½"	1'-5½"	3	200	7' X 2'	7'-4½"	1'-5 11/16"	5	328
42"	4'-11½"	1'-2⅞"	4	232	8' X 2'	8'-4¾"	1'-4¾"	6	374
48"	5'-6½"	1'-4 5/8"	4	252	3' X 3'	3'-4½"	1'-1½"	3	166
54"	6'-1½"	1'-6⅜"	4	272	4' X 3'	4'-4½"	1'-5½"	3	200
60"	6'-8½"	1'-4 33/32"	5	305	5' X 3'	5'-4½"	1'-4⅛"	4	247
					6' X 3'	6'-4½"	1'-3 19/64"	5	293



PIPE CULVERT INLET

QUANTITIES												
PIPE SIZE	MIN. DEPTH TO F.L.	MIN. DEPTH INLET		EACH ADDED FOOT		PIPE OPENING DEDUCTION (yd³)	T	BARS/SIZES			
		CONC ✱ (yd³)	STEEL (lbs)	CONC (yd³)	STEEL (lbs)			"A" / #4	"B" / #4	"C" / #4	"D" / #4
								NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.	NO. @ LGTH.
18"	2.209'	0.623	42	0.213	13	0.053	2½"	2 @ 21"	8 @ 32"	7 @ 34"	9 @ 24½"
22" X 13"	1.833'	0.586	42	0.225	14	0.053	2½"	2 @ 25"	8 @ 36"	7 @ 34"	9 @ 20"
24"	2.750'	0.800	55	0.235	14	0.091	3"	2 @ 25"	9 @ 39"	9 @ 34"	9 @ 31"
29" X 18"	2.250'	0.742	57	0.248	16	0.087	3"	2 @ 30"	9 @ 43½"	9 @ 34"	11 @ 25"
30"	3.292'	0.992	70	0.256	16	0.138	3½"	2 @ 30"	9 @ 46"	11 @ 34"	11 @ 37½"
36"	3.834'	1.198	85	0.278	17	0.196	4"	2 @ 33"	10 @ 53"	13 @ 34"	11 @ 44"
42"	4.375'	1.418	93	0.299	18	0.263	4½"	2 @ 36"	10 @ 60"	13 @ 34"	11 @ 50½"
48"	4.917'	1.653	109	0.321	19	0.340	5"	2 @ 39"	11 @ 67"	15 @ 34"	11 @ 57"
54"	5.458'	1.902	136	0.343	21	0.427	5½"	2 @ 42"	12 @ 74"	19 @ 34"	13 @ 63½"
60"	6.000'	2.165	146	0.364	21	0.524	6"	2 @ 47"	12 @ 81"	19 @ 34"	13 @ 70"

✱NOTE: ONE (1) PIPE OPENING HAS BEEN DEDUCTED FROM THE STRUCTURE.

GENERAL NOTES:

1. QUANTITIES SHOWN WILL BE THE BASIS OF PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
2. BOX CULVERTS:
   A. UNLESS OTHERWISE SHOWN, THE DETAILS OF THE BOX CULVERT INLETS SHALL CONFORM TO THOSE SHOWN FOR THE PIPE INLETS.
   B. BOX CULVERT REINFORCEMENT SHALL BE CONTINUED AND RESHAPED TO ACCOMMODATE THE INLET BOX. ADDITIONAL BARS SHALL BE THE SAME DIAMETER AS THOSE IN THE BOX CULVERT AND THE CONCRETE SHALL BE THE SAME. QUANTITIES SHALL BE COMPUTED IN CONJUNCTION WITH QUANTITIES FOR BOX CULVERT.

BY | REVISION | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS

MDOT

WORKING NUMBER B-9

SHEET NUMBER 6527

ISSUE DATE: AUGUST 01, 2017

Special Provisions, Proposal and Contract Documents
For
the Construction
Federal Aid Project Number
FBLD-8769-00(001) LPA/108639-801000

Hall Avenue Roundabout Project at
Bay Street/Arledge Street/James Street
for the
CITY OF HATTIESBURG
HATTIESBURG, MISSISSIPPI
Forrest County

2022

Prepared By

JEFFREY PAUL CROSBY
LICENSED PROFESSIONAL ENGINEER
19984
STATE OF MISSISSIPPI
01/10/2022

NEEL-SCHAFFER
Solutions you can build upon

BIDDER CHECK LIST
(FOR INFORMATION ONLY)

_____ All unit prices and item totals have been entered in accordance with Subsection 102.06 of the Mississippi Standard Specifications for Road and Bridge Construction.

_____ First sheet of SECTION 905--PROPOSAL has been completed.

_____ Second sheet of SECTION 905--PROPOSAL has been completed and signed.

_____ Addenda, if any, have been acknowledged. Second sheet of Section 905 listing the addendum number has been substituted for the original second sheet of Section 905. Substituted second sheet of Section 905 has been properly completed, signed, and added to the proposal.

_____ DBE/WBE percentage, when required by contract, has been entered on last sheet of the bid sheets of SECTION 905--PROPOSAL.

_____ Form OCR-485-LPA has been completed and signed.

_____ The last sheet of the bid sheets of SECTION 905--PROPOSAL has been signed.

_____ Equal Opportunity Clause Certification, when included in contract, has been completed and signed.

_____ The Certification regarding Non-Collusion, Debarment and Suspension, etc. has been executed in duplicate.

_____ A certified check, cashier's check or bid bond payable to the Local Public Agency in the principle amount of 5% of the bid has been included with project number identified on same. Bid bond has been signed by the bidder and has also been signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent for the Surety with Power of Attorney attached.

_____ A completed Notice to Bidders regarding DUNS Requirements must be completed prior to award of the contract.

Return the proposal and contract documents in its entirety in a sealed envelope. DO NOT remove any part of the contract documents; exception – an addendum requires substitution of second sheet of Section 905. A stripped proposal is considered as an irregular bid and will be rejected.

Failure to complete any or all of the applicable requirements will be cause for the proposal to be considered irregular.

(1/2017)

CONTENTS

PROJECT: HALL AVENUE ROUNDABOUT AT BAY STREET/ARLEDGE STREET/JAMES STREET
PROJECT NO. FBLD-8769-00(001) LPA / 108639-801000
CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI

Bidder's Checklist

Section 901 - Advertisement for Bids

Section 904 - Notice to Bidders

#1:	Governing Specifications
#1A:	Designating Owner & Engineer
#2:	Status of Right-of-Way with Attachments
#3:	Final Cleanup
#9:	Federal Bridge Formula
#15:	Non-use of Precast Drainage Units
#28:	Fuel and Material Adjustments
#113:	Tack Coat
#445:	Mississippi Agent or Qualified Nonresident Agent
#516:	Errata and Modifications to 2017 Specs
#977:	DUNS Requirement for Federal Funded Projects
#1225:	Early Notice to Proceed
#1226:	Material Storage Under Bridges
#1241:	Fuel and Material Adjustments
#1434:	Erosion Control Plan
#1546:	Advancement of Materials
#1878:	Storm Water Discharge Associated with Construction Activities with Supplement
#2172:	App for Storm Water Reports
#2206:	MASH Compliant Devices
#2273:	Mississippi Special Fuel Tax Law
#2611:	Disadvantaged Business Enterprise with Supplement
#2689LPA:	Asphalt Smoothness Requirement
#2783:	General ITS Requirements
#2954:	Reflective Sheeting for Signs
#3676:	Asphalt Gyratory Compactor Internal Angle Calibration
#5865 LPA:	Sampling and Testing of Concrete on Small LPA Projects
#5866 LPA:	Payroll Requirements
#6000 LPA:	Requirements for Traffic Control Personnel
#7011:	Contract Time
#7200:	Specialty Items
#7400:	Cooperation Between Contractors
#8500:	Non-roadway Density Requirements

Section 906 - County Wage Rates
Supplement to Form FHWA-1273

Section 907 -

907-102-4 LPA:	Bidding Requirements and Conditions
907-105-1:	Authority of the Engineer
907-107-2:	Contractor's Erosion Control Plan
907-108-4:	Subletting of Contract
907-109-3:	Measurement and Payment
907-417-1:	Polymer Cement Surface System
907-616-2:	Colored and Imprinted Concrete Median and Island Pavement
907-632-1:	Traffic Signal Cabinet Assemblies
907-637-3:	Traffic Signal Conduit and Pull Boxes
907-643-3:	Video Vehicle Detection
907-701-3:	Hydraulic Cement
907-702-4:	Bituminous Material
907-703-1:	Gradation
907-705-1:	Stone Riprap
907-707-3:	Joint Materials
907-708-4:	Concrete Pipe
907-711-2:	Plain Steel Wire
907-714-3:	Miscellaneous Materials
907-720-2:	Acceptance Procedure for Glass Beads
907-721-2:	Materials for Signing
907-722-1:	Materials for Traffic Signal Installation

Construction Progress Schedule

Section 905 - Proposal

- Instructions to Bidders
- Bid Schedule
- Certification with regard to the Performance of Previous Contracts or Subcontracts subject to the Equal Opportunity Clause and the filing of Required Reports
- Affidavit Regarding Non-Collusion, Debarment and Suspension (2 copies)

Section 902 - Contract Form

Section 903 - Contract Bond Forms

Executive Compensation Certification

Guidance for Federal Spending Transparency

OCR-481-LPA – Disadvantaged Business Enterprise List (3 copies)
OCR-485-LPA – List of Firms Submitting Quotes (3 copies)

DUNS Form

(Revisions to the Above Will Be Indicated on the Second Sheet of Section 905 as Addenda)

SECTION 901 - ADVERTISEMENT FOR BIDS

CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI

NOTICE TO CONTRACTORS

HALL AVENUE ROUNDABOUT PROJECT AT BAY STREET/ARLEDGE STREET/JAMES STREET
FEDERAL-AID PROJECT NO. FBLD-8769-00(001) LPA / 108639-801000

Sealed bids will be received by the City of Hattiesburg, at the City Clerk's office, Mississippi, hereafter referred to as Owner, located at 200 Forrest Street, Hattiesburg, Mississippi, 39401, until 10:00 A.M., Local Time, Thursday, **May 26**, 2022 for supplying all labor, equipment, and materials (as specified) necessary for the construction of the above referenced project. When bids are submitted electronically, the same requirements for submitting sealed bids shall apply. Electronic bids shall be submitted online at www.hattiesburgmsbids.com and shall include a document representing the cover of the envelope containing the aforementioned criteria.

The work shall consist essentially of the following items:

Construction of a roundabout that includes asphalt pavement, sidewalk, drainage improvements, striping, and lighting. All other related items of work required to complete the project as shown and specified in the Contract Documents.

The above general outline of features of the work does not in any way limit the responsibility of the contractor to perform all work and furnish all plant, labor, equipment and materials required by the specifications and the drawings referred to therein.

Contract Drawings, Contract Specifications, Instructions to Bidders and Bidders Proposal forms are on file and open to public inspection in the office of the City Clerk, City of Hattiesburg, 200 Forest Street, Hattiesburg Mississippi 39401. Bid documents are being made available via paper copy or pdf. All interested bidders are required to log-in or register for an account at www.hattiesburgmsbids.com to view and order Bid Documents. All plan holders are required to have a valid email address for registration. Bid documents are non-refundable and must be purchased through this website. Questions regarding website registration and online orders should be directed to our web support line at (662) 407-0193.

The attention of bidders is directed to the Special Provisions governing selection and employment of labor.

> Minimum wage rates for Federal-Aid projects have been predetermined by the Secretary of Labor and are subject to Public Law 87-581 Work Hours Act of 1962, as set forth in the Contract Provisions.

The City of Hattiesburg hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged and women's business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The award of this contract will be contingent upon the Contractor satisfying the DBE/WBE requirements.

The *2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction,* adopted by the Mississippi Department of Transportation, as referred to herein, may be purchased from the Mississippi Department of Transportation.

Each bid shall be accompanied by a Certified Check on a solvent bank or a Bidder's Bond issued by a Surety Company licensed to operate in the State of Mississippi, in the amount of five percent (5%) of the total bid price, payable to the City of Hattiesburg as bid security. Bidders shall also submit a current financial statement, if requested by the City. The successful bidder will be required to furnish a performance and payment bond in the amount of one hundred percent (100%) of the contract amount. Both bonds shall be signed or countersigned by a Mississippi Resident Agent.

The proposal and contract documents in its entirety shall be submitted in a sealed envelope and deposited with the City Clerk, 200 Forrest Street, Hattiesburg, Mississippi prior to the hour and date above designated.

The City of Hattiesburg reserves the right to reject any or all proposals, to waive technicalities or irregularities, or to advertise for new proposals, and the decision of the City of Hattiesburg to reject any bid or proposal shall not be cause for any liability or damages against the City of Hattiesburg, any officers or employees.

The bidder must agree to commence work on or before a date to be specified in a written "Notice to Proceed" of the Owner and to fully complete the project within the Contract Time. The bidder must also agree to pay as liquidated damages the sum specified in the Standard Specifications per day for each calendar day of overrun in Contract Time that work is not completed.

Work to be performed shall be in accordance with the "Mississippi State Highway Standard Specifications for Road and Bridge Construction, 2017", together with all amendments and/or special provisions and/or addenda to the standards duly approved and adopted, unless otherwise noted in these specifications.

The attention of Bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

City Clerk
City of Hattiesburg, Mississippi

Dates of Publication:

April 27, 2022
May 4, 2022

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO NOTICE TO BIDDERS NO. 1

DATE: **06/08/2021**

SUBJECT: **Governing Specifications**

Change the web address at the end of the first paragraph to the following.

https://shop.mdot.ms.gov/default.aspx?StoreIndex=1

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1 **CODE: (IS)**

DATE: 03/01/2017

SUBJECT: Governing Specifications

The current (2017) Edition of the Standard Specifications for Road and Bridge Construction adopted by the Mississippi Transportation Commission is made a part hereof fully and completely as if it were attached hereto, except where superseded by special provisions, or amended by revisions of the Specifications contained within this proposal. Copies of the specification book may be purchased from the MDOT Construction Division, or online at shopmdot/default.aspx?StoreIndex=1.

A reference in any contract document to controlling requirements in another portion of the contract documents shall be understood to apply equally to any revision or amendment thereof included in the contract.

In the event the plans or proposal contain references to the 2004 Edition of the Standard Specifications for Road and Bridge Construction, it is to be understood that such references shall mean the comparable provisions of the 2017 Edition of the Standard Specifications.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904- NOTICE TO BIDDERS NO. 1A LPA **CODE: (SP)**

DATE: 01/10/2022

SUBJECT: Designated Owner and Engineer

PROJECT: FBLD-8769-00(001)LPA/108639-801000

Any reference in the Contract Documents to the State of Mississippi, Mississippi Department of Transportation, Mississippi Transportation Commission, or any official thereof, it shall be interpreted to mean the *(City of Hattiesburg, Mississsippi)*, the "Owner".

Any reference in the Standard Specifications to the Project Engineer, District Engineer, Chief Engineer, or Engineer it shall be interpreted to mean the *(Project Engineer for the City of Hattiesburg, Mississippi, Neel-Schaffer, Inc).*

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2 **CODE: (IS)**

DATE: 03/01/2017

SUBJECT: Status of Right-of-Way

Although it is desirable to have acquired all rights-of-way and completed all railroad agreements, utility adjustments and work to be performed by others prior to receiving bids, sometimes it is not considered to be in the public interest to wait until each and every such clearance has been obtained. The bidder is hereby advised of possible unacquired rights-of-way, relocates, railroad agreements and utilities adjustments which have not been completed.

The status of right-of-way acquisition, utility adjustments, encroachments, potentially contaminated sites, railroad facilities, improvements, and asbestos contamination are set forth in the following attachments.

In the event right of entry is not available to ALL parcels of right-of-way and/or all work that is to be accomplished by others on the date set forth in the contract for the Notice to Proceed is not complete, the Department will issue a restricted Notice to Proceed.

Brad White
Executive Director

P. O. Box 1850
Jackson, MS 39215-1850
Telephone (601) 359-7249
FAX (601) 359-7050
GoMDOT.com

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Brian D. Ratliff
Deputy Executive Director/Chief Engineer
Lisa M. Hancock
Deputy Executive Director/Administration
Charles R. Carr
Director, Office of Intermodal Planning

Friday, January 7, 2022

Mr. Donald Davis
Division Administrator
FHWA-Mississippi Division
100 West Capitol Street, Suite 1062
Jackson, MS 39269

RE: City of Hattiesburg
FBLD – Phase I – Hall Avenue Roundabout – Intersection of Hall Avenue/ Bay Street/James Street/Arledge Street
FBLD-8769-00(001)LPA 108639-801000
Forrest County

RIGHT-OF-WAY CERTIFICATION

Dear Mr. Davis:

This is to certify that all necessary highway rights-of-way, including control of access has been acquired or legal Right of Entry obtained and rights-of-way were acquired in accordance with 49CFR Part 24, **except** as indicated on the Status of Right of Way.

This is to further certify that all individuals and families have been relocated to decent, safe and sanitary housing, or comparable relocatees and the steps relative to relocation advisory assistance administration of the Highway Relocation Assistance Program have been taken, **except** as indicated on the attached **Status of Right of Way**.

All improvements have been removed from the highway right of way, **except** the improvements to be removed by the Contractor as indicated in the contract plans and as indicated on the attached **Status of Improvements**.

This project was inspected and there were no visible indications of any Potentially Contaminated Sites on proposed Right of Way, **except** as indicated on the attached **Status of Potentially Contaminated Sites**. The status of the utilities to be adjusted or relocated is show in the **report attached**.

Sincerely,

RIGHT OF WAY DIVISION

Doug Downing

Stephen D. Downing
Assistant Division Administrator

SDD: vs

Attachments:
Right of Way Certification Report (EZ Form)
Right of Way Status Report
Utility Status Report
Utility Status Report – D6 DUC memorandum

Pc: Chief Engineer (65-01)
LPA Division (77-01)
Construction Engineer (73-01)
District Six (26-01)

STATUS OF RIGHT-OF-WAY

City of Hattiesburg

FBLD – Phase I – Hall Avenue Roundabout – Intersection of Hall Avenue/ Bay Street/James Street/Arledge Street

FBLD-8769-00(001)LPA 108639-801000

Forrest County

Friday, January 7, 2022

All rights and legal rights of entry have been acquired **except**:

Right of Way Certification is issued subject to the following conditions:

1. The listed utilities shown on the Utility Status Report, located at various stations (as indicated) along the project, are in conflict with project construction and shall be relocated prior to notice to proceed with construction.

LPA-ROW-EZ Form
Rev 08/21

RIGHT OF WAY CERTIFICATION REPORT

Name of LPA: City of Hattiesburg
Project Description & Termini: Federal Build Project – Phase I – Hall Avenue Roundabout – Intersection of Hall Avenue/Bay Street / James Street / Arledge Street
FMS Project No.: 108639-801000
External Project No. FBLD-8769-00(001)LPA
County: Forrest
Date: January 06, 2022

Yes	No	
☐	☑	**(1) The LPA certifies that all project activities will take place on existing ROW and no additional ROW is required.**
☑	☐	**(2) The LPA certifies that based on a site inspection of the right of way for the project the right of way is clear of encroachments.**
☑	☐	**(3) The LPA certifies that there are no improvements that remain within the project right of way limits.**
☑	☐	**(4) The LPA certifies that the project has been inspected and there are no visible indications of potentially contaminated sites within the proposed right of way.**
☑	☐	**(5) The LPA certifies that the project right of way does not contain structures that required asbestos abatement.**
☐	☑	**(6) The LPA certifies that there are no utilities in conflict with the project.**
☑	☐	**(7) The LPA certifies that there are no railroads facilities affected by the above referenced project.**

If the project requires any additional ROW, or the LPA cannot certify yes to any of the seven certifications listed above, then the LPA must complete the appropriate status report found in the MDOT-LPA Project Development Manual's (PDM) Chapter 5, section 11 and include with this Report. Any errors to this certification will be the responsibility of the certifying LPA.

The LPA certifies that the LPA will accept full financial responsibility for any damage caused, or delay claims that arise, in whole or in part, due to the failure of the LPA to remove, relocate or adjust, or clear any encroachment, utility, or contaminated site. Any additional construction costs incurred as a result of working around any encroachment, utility, or contaminated site will be paid by the LPA as a non-reimbursable expense.

Lamar Rutland, P.E.
LPA Project Director (Print)

Lamar Rutland
Signature

1/6/22
Date

MDOT District Utility Coordinator
(For verification of Utilities only)

Date

RIGHT OF WAY STATUS REPORT

City of Hattiesburg
Federal Build Project – Phase I – Hall Avenue Roundabout – Intersection of Hall Avenue/Bay Street / James Street / Arledge Street
FBLD-8769-00(001)LPA/108639-801000
Forrest County
January 06, 2022

The above named LPA certifies that "ROW is required" for the above referenced LPA project.

This is to certify that all necessary rights of way, including control of access rights (when pertinent), have been acquired, including legal and physical possession, for the above referenced project in accordance with Federal and State laws, including 49 CFR Part 24. All lands and improvements (if appropriate) are vacant, and the agency has physical possession and the right to enter upon all lands.

Furthermore, this is to certify that there were no individuals or families displaced by this project. Therefore, the 49 CFR Part 24, covering the relocation of displaced persons to decent, safe, and sanitary housing and availability of adequate replacement housing, is not applicable to this project.

The attached Table 1, Right of Way Status Report, shows all real property interests and the date that each interest has been or will be acquired and the date that each displaced person has been or will be moved as part of the above referenced project.

Lamar Rutland, P.E.
{Type Name of LPA Project Director}

Lamar Rutland
Signature

1/6/22
Date

Form: 4/5/2021

Table 1
Right of Way Status Report

City of Hattiesburg
Federal Build Project – Phase I – Hall Avenue Roundabout – Intersection of Hall Avenue/Bay Street / James Street / Arledge Street
FBLD-8769-00(001)LPA/108639-801000
January 6, 2022

Parcel/Interest Reference No.	Name of Owner/Tenant	Indicate acquired by Type of Deed or by ROE	Date of Possession (m/d/y)	Acquisition Cost /ROE Deposit Amt.	Relocation Assistance Cost	Date Moved
19193	Stone Properties	Deed	12/14/2021	$20,000.00	N/A	N/A
19192	Ronnie & Sarah Smith	Deed	11/11/2021	$4,710.00	N/A	N/A

Form: 4/5/2021

UTILITY STATUS REPORT

City of Hattiesburg
Federal Build Project – Phase I – Hall Avenue Roundabout – Intersection of Hall Avenue/Bay Street / James Street / Arledge Street
FBLD-8769-00(001)LPA/108639-801000
Forrest County
January 06, 2022

The following is a list of each utility owner on the above mentioned project, describing the status of each utility on the right of way and its impact on the project.

List of Each Utility Owner on the Project	Status of the Conflict with Project Construction
Hattiesburg Water and Sewer	Not in conflict with construction
AT&T	In conflict with construction, to be relocated prior to the Notice to Proceed to construction. Sta. 12+75, Sta. 13+25, Sta. 14+30, Sta. 15+15, Sta. 15+35, Sta. 16+15, Sta. 16+80
Mississippi Power	In conflict with construction, to be relocated prior to the Notice to Proceed to construction. Sta. 12+75, Sta. 13+25, Sta. 14+30, Sta. 15+15, Sta. 15+35, Sta. 16+15, Sta. 16+80
Comcast	In conflict with construction, to be relocated prior to the Notice to Proceed to construction. Sta. 12+75, Sta. 13+25, Sta. 14+30, Sta. 15+15, Sta. 15+35, Sta. 16+15, Sta. 16+80
C Spire	Not in conflict with construction
Spire Gas	Not in conflict with construction

The above named LPA understands that any claim by the contractor due to NOT having the utilities relocated will be a non-participating item. In the event the utility facilities are discovered to be in conflict, damaged, or otherwise impact the proposed construction, the above named LPA shall bear all responsibility and/or claims associated with these facilities.

Lamar Rutland, P.E.
(Type Name of LPA Project Director)

Signature

1/6/22
Date

District Utility Coordinator Concurrence:

Signature

Date

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Mr. David Seyfarth 16-10
Special Projects Engineer

DATE: January 5, 2022

FROM: Mr. Corando A. Lozano 16-10
Gulf Coast Utility Coordinator

SUBJECT OR PROJECT NO: FBLD-8769-00(001)LPA
108639-801000

INFORMATION COPY TO:

COUNTY: Forrest

Mr. Lee Fredrick - State LPA Engineer 77-01
Ms. Sharon Willis - Right of Way 84-01
Mr. Scott White – 26-01 EC
Mr. Chuck Starita – 16-10 EC
Mr. Geoffrey Crosby – Neel Schaffer
Project File 16-10
Central Records 89-20

UTILITY STATUS REPORT

RE: Hall Avenue Roundabout
FBLD-8769-00(001) LPA; 108639-801000
Hattiesburg, MS

The status of utility work on the above project is as follows:

Field inspection done on September 22, 2021 – Revised January 5, 2022
The following utilities has been field identified and found to be in conflict with the proposed LPA Project.

Mississippi Power Company
No Utility Agreement required.
MS Power has Power lines running along Hall Avenue.
Station: 12+75, 13+25, 14+30, 15+15, 15+35, 16+15, 16+80
Contractors operations could be adversely affected.

Comcast Cable
No Utility Agreement required.
Comcast cable has aerial lines running along Hall Avenue.
Station: 12+75, 13+25, 14+30, 15+15, 15+35, 16+15, 16+80
Contractors operations could be adversely affected.

AT&T Distribution
No Utility Agreement required.
AT&T Distribution has aerial running lines along Hall Avenue
Station: 12+75, 13+25, 14+30, 15+15, 15+35, 16+15, 16+80
Contractors operations could be adversely affected.

The following utilities has been field identified and found not to be in conflict with the proposed LPA Project.
Contractor's operations should not be adversely affected.

C Spire Fiber
Spire Gas
City of Hattiesburg

Disclaimer:
The City of Hattiesburg understands that any claim by the contractor due to not having the utilities relocated will be a non-participating item. In the event the utility facilities are discovered to be in conflict, damaged, or otherwise impact the proposed construction the City of Hattiesburg shall base all responsibility and/or claims associated with these facilities. Furthermore, the City of Hattiesburg shall indemnify and hold harmless the Mississippi Department of Transportation Commission and its representatives in the event that damages and/or claims should arise.

This is to certify that all necessary arrangements have been made for all utility work involved to be undertaken and completed as required for proper coordination with the physical construction schedules.

Corando A. Lozano
Gulf Coast Utility Coordinator

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3 **CODE: (SP)**

DATE: 01/17/2017

SUBJECT: Final Clean-Up

Immediately prior to final inspection for release of maintenance, the Contractor shall pick up, load, transport and properly dispose of all litter from the entire highway right-of-way that is within the termini of the project.

Litter shall include, but not be limited to, solid wastes such a glass, paper products, tires, wood products, metal, synthetic materials and other miscellaneous debris.

Litter removal is considered incidental to other items of work and will not be measured for separate payment.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 9 **CODE: (IS)**

DATE: 03/01/2017

SUBJECT: Federal Bridge Formula

Bidders are hereby advised that the latest revision of Federal Highway Administration Publication No. FHWA-HOP-06-105, **BRIDGE FORMULA WEIGHTS**, dated August 2006, is made a part of this contract when applicable.

Prior to the preconstruction conference, the Contractor shall advise the Engineer, in writing, what materials, if any, will be delivered to the jobsite via Interstate route(s).

Copies of the **BRIDGE FORMULA WEIGHTS** publication may be obtained by contacting:

Federal Highway Administration
400 7th Street, SW
Washington, DC 20590
(202) 366-2212

or

http://www.ops.fhwa.dot.gov/Freight/publications/brdg_frm_wghts/bridge_formula_all_rev.pdf

An on line **BRIDGE FORMULA WEIGHTS CALCULATOR** is available at

http://ops.fhwa.dot.gov/freight/sw/brdgcalc/calc_page.htm

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 15 **CODE: (SP)**

DATE: 01/17/2017

SUBJECT: Non-Use of Precast Drainage Units

Bidders are hereby advised that the use of precast inlets and junction boxes will **NOT** be allowed on this project. Subsection 601.02.3 states that "the Contractor may request approval from the Engineer to furnish and install precast units in lieu of cast-in-place units". Should the Contractor make this request, the request will be denied.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 28 **CODE: (SP)**

DATE: 01/17/2017

SUBJECT: Fuel and Material Adjustments

Bidders are advised that **NO FUEL OR MATERIAL ADJUSTMENT**, as addressed in Subsection 109.07 of the Standard Specifications, will be allowed on this project.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 113 **CODE: (SP)**

DATE: 04/18/2017

SUBJECT: Tack Coat

Bidders are advised that in addition to the products listed on the Department's APL as referenced in Subsection 401.03.1.2 on page 256, the Contractor may use one of the following as a tack coat.

- CSS-1
- CSS-1h
- SS-1
- SS-1h

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 445 **CODE: (SP)**

DATE: 10/10/2017

SUBJECT: Mississippi Agent or Qualified Nonresident Agent

Bidders are hereby advised of the requirements of Subsections 102.08, 103.05.2, and 107.14.2.1 of the *2017 Standard Specifications for Road and Bridge Construction* as it refers to bonding agents. Proposal guaranties, bonds, and liability insurance policies must be signed by a **Mississippi Agent or Qualified Nonresident Agent.**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 516 **CODE: (IS)**

DATE: 11/28/2017

SUBJECT: Errata and Modifications to the 2017 Standard Specifications

Page	Subsection	Change
16	102.06	In the seventh full paragraph, change "Engineer" to "Director."
33	105.05.1	In the sixth sentence, change "Contract Administration Engineer" to "Contract Administration Director."
34	105.05.2.1	In subparagraph 2, change "SWPPP, ECP" to "SWPPP and the ECP"
35	105.05.2.2	In subparagraphs 2, add " and" to the end of the sentence. In subparagraph 3, remove ", and" and add ".".
90	109.04.2	In the last paragraph of subparagraph (a), place a period "." at the end of the sentence.
93	109.04.2	In the last paragraph of subparagraph (g), place a period "." at the end of the sentence. Also, in the first paragraph of subparagraph (h), place a period "." at the end of the sentence.
97	109.07	Under ADJUSTMENT CODE, subparagraph (A1), change "HMA mixture" to "Asphalt mixtures."
98	109.11	In the third sentence, change "Engineer" to "Director."
219	308.04	In the last sentence of the last paragraph, change "Contractor's decision" to "Engineer's decision."
300	405.02.5.9	In the first sentence of the second paragraph, change "Hot Mix Asphalt" to "Asphalt Mixtures."
502	630.01.1	In the first paragraph, change "AASHTO" to "AASHTO's LRFD".
636	646.05	Change "each" to "per each" for the pay item units of payment.
640	656.02.6.2	In item 7), change "down stream" to "downstream".
688	630.03.2	Change the subsection number from "630.03.2" to "680.03.2."

725	702.08.3	In the second sentence of the first paragraph, change "hot-mix" to "asphalt."
954	804.02.13.1.6	In the definition for "M" in the % Reduction formulas, change "paragraph 7.3" to "paragraph 5.3."

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 977 **CODE: (SP)**

DATE: 07/25/2018

SUBJECT: DUNS Requirement for Federal Funded Projects

Bidders are advised that the Prime Contractor must maintain a current registration in the System for Award Management (http://www.sam.gov) at all times during this project. A Dun and Bradstreet Data Universal Numbering System (DUNS) Number (http://www.dnb.com) is one of the requirements for registration in the System for Award Management.

Bidders are also advised that prior to the award of this contract, they MUST be registered, active, and have no active exclusions in the System for Award Management.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1225 **CODE: (SP)**

DATE: 11/13/2018

SUBJECT: Early Notice to Proceed

Bidders are advised that if an early notice to proceed is allowed by the Department and the Contractor experiences problems or delays between the early notice to proceed date and the original notice to proceed date, this shall not be justification for any monetary compensation or an extension of contract time.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1226 **CODE: (IS)**

DATE: 11/16/2018

SUBJECT: Material Storage Under Bridges

Bidders are advised that Subsection 106.08 of the Standard Specifications allows the Contractor to store materials and equipment on portions of the right-of-way. However, the Contractor will not be allowed to store or stockpile materials under bridges without written permission from the Project Engineer. The Contractor shall submit a detailed request of all proposed materials to be stored under bridges to the Engineer a minimum of 14 calendar days prior to anticipated storage. This detail shall include, but not limited to, bridge location, material type, material quantity, and duration of storage. The Project Engineer and any other needed Division will review this information and determine whether to grant approval. The Contractor shall not store any material under any bridge without written approval from the Project Engineer.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1241 **CODE: (IS)**

DATE: 11/27/2018

SUBJECT: Fuel and Material Adjustments

Bidder's attention is brought to the last paragraph of Subsection 109.07 of the Standard Specifications which states that no fuel or material adjustment will be made after the completion of contract time. Any fuels consumed or materials incorporated into the work during the monthly estimate period falling wholly after the expiration of contract time will not be subject a fuel or material adjustment.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1434 **CODE: (IS)**

DATE: 03/06/2019

SUBJECT: Erosion Control Plan

Bidders are advised that the Best Management Practices (BMPs) shown at sensitive areas on the Erosion Control Sheets in the Plans shall be shown on the Contractor's Erosion Control Plan and shall be used in the field as indicated on the original plans sheets. Should the installation of these BMPs produce an unsatisfactory result, the Contractor shall submit to the Engineer alternate BMPs for approval. Once approved, the Contractor shall revise the Contractor's Erosion Control Plan to include these changes.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1546 **CODE: (SP)**

DATE: 05/23/2007

SUBJECT: Advancement of Materials

Bidders are advised that **NO ADVANCEMENT OF MATERIALS**, as addressed in Subsection 109.06.2 of the Standard Specifications, will be allowed on this project.

Form No. 1
Rev. Sept. 2019

NTB 1878 Supplement
PRIME CONTRACTOR CERTIFICATION

(File prior to the Issuance of Notice to Proceed)

PRIME CONTRACTOR'S MAILING ADDRESS AND TELEPHONE NUMBER:

NAME: _____

NUMBER AND STREET (P. O. BOX): _____

CITY: _____ **STATE:** _____ **ZIP:** _____

TELEPHONE NUMBER (INCLUDING AREA CODE): _____

NAME OF OWNER: _____

STORM WATER GENERAL NPDES PERMIT NUMBER: MSR 15

PROJECT NAME: _____

PROJECT LOCATION: _____ **County (ies)**

PERMIT COVERAGE FOR MATERIAL PITS MAY BE NEEDED AND MUST BE APPLIED FOR BY THE CONTRACTOR SEPARATELY.

I CERTIFY THAT I AM THE PRIME CONTRACTOR OF THIS PROJECT, HAVE THE PRIMARY RESPONSIBILITY TO FULLY COMPLY WITH ALL OF THE REQUIREMENTS OF THE ABOVE REFERENCED GENERAL NPDES PERMIT, AND ACCEPT FULL LIABILITY FOR NOT COMPLYING WITH THESE REQUIREMENTS.

_____ _____
SIGNATURE **DATE SIGNED**

_____ _____
PRINTED NAME **TITLE**

THIS DOCUMENT SHALL BE SIGNED ACCORDING TO THE GENERAL PERMIT, CONDITION NO. T-4, PAGE 19 OF 26.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1878 **CODE: (SP)**

DATE: 08/27/2019

SUBJECT: Storm Water Discharge Associated with Construction Activity (≥ 1 and < 5 Acres)

Construction Storm Water General NPDES Permit MSR 15 to discharge storm water associated with construction activity is required. This project is granted permission to discharge treated storm water into State waters. Copies of said permit and Storm Water Pollution Prevention Plan (SWPPP) are on file with the Department.

Prior to the execution of the contract, the successful bidder shall execute and deliver to the Executive Director an original signed copy of the completed Prime Contractor Certification (Form No. 1).

Failure of the bidder to execute and file the completed Prime Contractor Certification (Form No. 1) shall be just cause for the cancellation of the award.

The executed Prime Contractor Certification (Form No. 1) shall be prima facie evidence that the bidder has examined the permit, is satisfied as to the terms and conditions contained therein, and that the bidder has the primary responsibility for meeting all permit terms and conditions including, but not limited to, the inspection and reporting requirements of the permit. For this project, the Contractor shall furnish, set up and read, as needed, an on-site rain gauge.

The Contractor must furnish the Project Engineer a completed copy of the Small Construction Notice of Intent (SCNOI) along with the Contractor's Erosion Control Plan.

The Contractor shall make inspections in accordance with condition No. S-4, Page 20, and shall furnish the Project Engineer with the results of each weekly inspection as soon as possible following the date of inspection. The weekly inspections must be documented monthly on the Inspection and Certification Form, a copy of which is provided. The Contractor's representative and the Project Engineer shall jointly review and discuss the results of the inspections so that corrective action can be taken. The Project Engineer shall retain copies of the inspection reports.

The Engineer will have the authority to suspend all work and/or withhold payments for failure of the Contractor to carry out provisions of MDEQ's Storm Water Construction General Permit, the erosion control plan, updates to the erosion control plan, and /or proper maintenance of the BMPs.

Securing a permit (s) for storm water discharge associated with the Contractor's activity on any other regulated area the Contractor occupies, shall be the responsibility of the Contractor.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2172 **CODE: (SP)**

DATE: **01/06/2020**

SUBJECT: **App for Storm Water Reports**

Bidders are advised that the Department has created a smart phone App for completing and submitting storm water reports required on this project. The Contractor who monitors storm water activities and completes storm water reports will be required to download and use this App when completing and submitting storm water reports. The reports will then be readily available to all persons who need access to the forms. The App is free and is available for downloading at the following location.

https://extacctmgmt.mdot.state.ms.us/

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2206 **CODE: (IS)**

DATE: 01/14/2020

SUBJECT: MASH Compliant Devices

Bidders are hereby advised that compliance associated with the requirements of meeting either the National Cooperative Highway Research Program (NCHRP) Report 350 or the Manual for Assessing Safety Hardware (MASH) for installations of certain traffic control devices and permanent safety hardware devices (guardrails, guardrail terminals, permanent portable barriers, cast-in-place barriers, all other permanent longitudinal barriers, crash cushions, cable barriers, cable barrier terminals, bridge rails, bridge rail transitions, all other terminals, sign supports, and all other breakaway hardware) as listed throughout the Standard Specifications and/or the Standard Drawings, or both, is now replaced with the requirements of meeting the 2016 version of MASH after December 31, 2019. This change applies to new permanent installations and to full replacements of existing installations.

At the preconstruction conference or prior to starting any work on the project, the Contractor shall submit a letter stating that the traffic control devices and permanent safety hardware devices as outlined within the paragraph above that are to be used on the project are certified to meet MASH 2016.

When a MASH 2016-compliant device does not exist for the new permanent installations and/or full replacement installations of permanent safety hardware devices, as listed above, a MASH 2009-compliant or a NCHRP 350-compliant device may be proposed by the Contractor for the project. A written request for such instances must be submitted by the Contractor either at the preconstruction conference or prior to starting any work on the project. The Contractor shall submit the following items to the Project Engineer: (1) a detailed list of the proposed devices and locations thereof; and (2) certification letters indicating that the proposed devices are compliant with either MASH 2009 or NCHRP 350.

When a MASH 2016-compliant device does not exist for the temporary work zone traffic control devices (Category 1, Category 2, and Category 3 devices) , a MASH 2009-compliant or a NCHRP 350-compliant device may be proposed by the Contractor for the project. Temporary work zone traffic control devices (Category 1, Category 2, and Category 3 devices) that are MASH 2009-compliant or NCHRP 350–compliant that have been in use prior to December 31, 2019, and that have a remaining service life may be proposed for use throughout their normal service life on the project by the Contractor. For either of these scenarios for temporary work zone traffic control devices, a written request must be submitted by the Contractor either at the preconstruction conference or prior to starting any work on the project. The Contractor shall submit the following items to the Project Engineer: (1) a detailed list of the proposed devices and locations thereof; and (2) certification letters indicating that the proposed devices are compliant with either MASH 2009 or NCHRP 350.

Work will only be allowed to proceed after the Department has granted written concurrence(s) with the proposed request(s) as listed above.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2273 **CODE: (SP)**

DATE: 02/12/2020

SUBJECT: Mississippi Special Fuel Tax Law

Bidder's attention is brought to the second paragraph of Subsection 107.02 of the Standard Specifications which states that all Contractors and Subcontractors must comply with all requirements contained in the Mississippi Special Fuel Tax Law, Section 27-55-501, *et seq*. Attached are two Fact Sheets provided by the Mississippi Department of Revenue (MDOR) with additional information.

DEPARTMENT OF REVENUE
STATE OF MISSISSIPPI

Gasoline and Dyed Diesel Used for Non-Highway Purposes

Mississippi provides a reduced rate for gasoline and dyed diesel used for non-highway purposes. The reduced rates are 6.44 cents per gallon and 5.75 cents per gallon of gasoline or dyed diesel. These fuels are generally taxed at 18 cents per gallon if for on road use.

Gasoline Used for Non-Highway Purposes

You may be entitled to a refund of 11.56 cents per gallon (making this an equivalent to a tax rate of 6.44 cents per gallon) if you desire to purchase gasoline to be used off road. The gasoline must be used for agricultural, maritime, industrial, manufacturing, domestic or non-highway purposes only.

Examples of non-highway include gasoline used in boats, golf carts, machinery used for manufacturing or farm equipment used exclusively in plowing, planting or harvesting farm products.

Refund Gasoline User

The refund is based on the amount of gallons used. Before a refund is issued, you are required to…

1. Obtain a refund gasoline user's permit and a certificate for refund booklet from the Department of Revenue;
2. Have a storage tank marked "REFUND GASOLINE"; and,
3. Purchase the gasoline from someone who holds a refund gasoline dealer's permit.

No refund will be allowed for gasoline used in motor vehicles owned or operated by a government entity or used in Mississippi government contracts.

Refund Gasoline Dealer

You must obtain a refund gasoline dealer's permit from the Department of Revenue before selling refund gasoline. At no time should the gasoline be delivered to a tank that is not properly marked. The gasoline must be dyed a distinctive mahogany color at the time of delivery.

The Department of Revenue may waive the dye requirement if the dye may cause damage to the equipment. The refund gasoline user is required to obtain the waiver from the Department of Revenue.

Dyed Diesel Used for Non-Highway Purposes

Unlike gasoline, you are not required to apply for a refund if you desire to purchase dyed diesel to be used off road. Mississippi provides a reduced rate of 5.75 cents per gallon on dyed diesel used off road. Diesel used on road is subjected to 18 cents per gallon. Dyed diesel used in motor vehicles owned or operated by a government entity or used in Mississippi government contracts will be subjected to 18 cents per gallon.

Dyed Diesel Used on the Highway

Any person who purchases, receives, acquires or uses dyed diesel for highway use will be liable to pay 18 cents per gallon and subject to a penalty in the amount of $1000.

Identifying Dyed Diesel

Storage facilities for dyed diesel must be plainly marked "NONHIGHWAY DIESEL FUEL" or "NONHIGHWAY KEROSENE". Retailers are also required to mark all pumps or dispensing equipment.

This fact sheet is intended to help you become more familiar with Mississippi tax laws and your rights and responsibilities under the laws. Nothing in this fact sheet supersedes, alters, or otherwise changes any provisions of the tax law, regulations, court decisions, or notices.

Revised March 2017

Petroleum Tax Bureau
P. O. Box 1033
Jackson, MS 39215-1033
Phone: (601) 923-7150

DEPARTMENT OF REVENUE
STATE OF MISSISSIPPI

Special Fuel Used on Government Contracts

State and Local Government Contracts

Special fuel purchased, acquired or used in performing contracts with the State of Mississippi, counties, municipalities or any political subdivision is taxed at a rate of 18 cents per gallon. Special fuel includes but is not limited to the following:

- Dyed diesel fuel;
- Kerosene;
- Undyed diesel fuel; and,
- Fuel oil.

State and local government contracts include construction, reconstruction and maintenance or repairs of projects such as roads, bridges, water systems, sewer systems, buildings, drainage canals and recreational facilities. The Department of Revenue may require contractors to remit the excise tax directly to the state in lieu of paying the tax to a distributor.

Special Fuel Direct Pay Permit

Contractors that remit the excise tax to the state will be issued a Special Fuel Direct Pay Permit. This permit relieves the distributor from collecting the tax and requires the contractor to file a monthly special fuel return. The distributor should include the contractor's permit number on all invoices that are related to tax-free sales.

The contractor is required to furnish a surety or cash bond guaranteeing the payment of the excise tax prior to receiving the Special Fuel Direct Pay Permit. The Department of Revenue may accept a contractors tax bond if the bond covers the excise tax levied on special fuel.

Special Fuel Distributors

If the contractor does not have a Special Fuel Direct Pay Permit, distributors are required to collect the 18 cents excise tax and remit the tax to the Department of Revenue. The additional 12.25 cents levied on special fuel (excluding undyed diesel) should be reported on schedules 5F and 5G of the special fuel return.

Environmental Protection Fee

Special fuel distributors are required to collect the environmental protection fee even if the contractor has a Special Fuel Direct Pay Permit. The fee is levied at 4/10^{ths} of a cent per gallon. The fee is suspended or reinstated when the trust fund has exceeded or fallen below the obligatory balance.

Penalties

Any person who knowingly and willfully purchases untaxed fuel for use in equipment utilized on a road or highway construction site in this state is guilty of a misdemeanor and, upon conviction, shall be fined not less than $1,000 or more than $100,000, or imprisoned in the county jail for not more than one year, or both.

This fact sheet is intended to help you become more familiar with Mississippi tax laws and your rights and responsibilities under the laws. Nothing in this fact sheet supersedes, alters, or otherwise changes any provisions of the tax law, regulations, court decisions, or notices.

Revised March 2017

Petroleum Tax Bureau
P. O. Box 1033
Jackson, MS 39215-1033
Phone: (601) 923-7150

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO NOTICE TO BIDDERS NO. 2611 LPA

DATE: 06/25/2020

The goal is 5% percent for the Disadvantaged Business Enterprise. All Bidders are required to submit Form OCR-481 for all DBEs.

LPA Projects: Delete entire Pre-Bid Meeting Section on page 5.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2611 LPA **CODE: (IS)**

DATE: **06/25/2020**

SUBJECT: **Disadvantaged Business Enterprises In Federal-Aid Highway Construction**

This contract is subject to the "Moving Ahead for Progress in the 21st Century Act (MAP-21)" and applicable requirements of "Title 49, Code of Federal Regulations, Part 26." Portions of the Act are set forth in this Notice as applicable to compliance by the Contractor and all of the Act, and the MDOT DBE Program, is incorporated by reference herein.

The Department has developed a Disadvantaged Business Enterprise Program that is applicable to this contract and is made a part thereof by reference.

Copies of the program may be obtained from:

Office of Civil Rights
Mississippi Department of Transportation
P. O. Box 1850
Jackson, Mississippi 39215-1850

POLICY

It is the policy of the Mississippi Department of Transportation to provide a level playing field, to foster equal opportunity in all federally assisted contracts, to improve the flexibility of the DBE Program, to reduce the burdens on small businesses, and to achieve that amount of participation that would be obtained in a non-discriminatory market place. In doing so, it is the policy of MDOT that there will be no discrimination in the award and performance of federally assisted contracts on the basis of race, color, sex, or national origin.

ASSURANCES THAT CONTRACTORS MUST TAKE

MDOT will require that each contract which MDOT signs with a sub-recipient or a Contractor, and each subcontract the Prime Contractor signs with a Subcontractor, includes the following assurances:

"The Contractor, sub-recipient or Subcontractor shall not discriminate on the basis of race, color, sex, or national origin in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR 26 in the award and administration of federally assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as MDOT deems appropriate."

DEFINITIONS

For purposes of this provision the following definitions will apply:

"Disadvantaged Business" means a small business concern: (a) which is at least 51 percent owned by one or more socially and economically disadvantaged individual(s) or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more socially and economically disadvantaged individual(s); and (b) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individual(s) who own it. It is important to note that the business owners themselves must control the operations of the business. Absentee ownership or title ownership by an individual who does not take an active role in controlling the business is not consistent with eligibility as a DBE under 49 CFR Part 26.71.

CONTRACTOR'S OBLIGATION

The Contractor and all Subcontractors shall take all necessary and reasonable steps to ensure that DBE firms can compete for and participate in the performance of a portion of the work in this contract and shall not discriminate on the basis of race, color, sex, or national origin. Failure on the part of the Contractor to carry out the DBE requirements of this contract constitutes a breach of contract and after proper notification the Department may terminate the contract or take other appropriate action as determined by the Department.

When a contract has a zero percent (0%) DBE goal, the Contractor still has the responsibility to take all necessary and reasonable steps to ensure that DBE firms can compete for and participate in the performance of the work in the contract. In this case, all work performed by a certified DBE firm is considered to be a "race neutral" measure and the Department will receive DBE credit towards the overall State goals when the DBE firm is paid for their work. If the Prime Contractor is a certified DBE firm, the Department can receive DBE credit only for the work performed by the Prime Contractor's work force or any work subcontracted to another DBE firm. Work performance by a non-DBE Subcontractor is not eligible for DBE credit.

CONTRACT GOAL

The goal for participation by DBEs is established for this contract in the attached Supplement. The Contractor shall exercise all necessary and reasonable steps to ensure that participation is equal to or exceeds the contract goal.

If the percentage of the contract that is proposed for DBEs is 1% or greater, the Contractor shall agree to meet or exceed the contract goal on the last bid sheet of the proposal.

All Bidders shall submit to the Office of Civil Rights Form OCR-481, signed by the Prime Contractor and the DBE Subcontractors, no later than the 3rd business day after opening of the bids.

Form OCR-481 is available on the MDOT website at www.mdot.ms.gov under the Civil Rights tab, or by calling 601-359-7466.

The OCR-481 Form must contain the following information:

The name and address of each certified DBE Contractor / Supplier;

The Reference Number, percent of work to be completed by the DBE subcontractor and the dollar amount of each item. If a portion of an item is subcontracted, a breakdown of that item including quantities and unit price must be attached, detailing what part of the item the DBE firm is to perform and who will perform the remainder of the item.

If the DBE Commitment shown on the last bid sheet of the proposal, does not equal or exceed the contract goal, the bidder must submit, to MDOT Contract Administration Division prior to bid opening, information to satisfy the Department that adequate good faith efforts have been made to meet the contract goal.

Failure of the lowest bidder to furnish acceptable proof of good faith efforts, submitted to MDOT Contract Administration Division prior to bid opening, shall be just cause for rejection of the proposal. Award may then be made to the next lowest responsive bidder or the project may be re-advertised.

GOOD FAITH EFFORTS

The following factors are illustrative of matters the Department will consider in judging whether or not the bidder has made adequate good faith effort to satisfy the contract goal.

(1) Whether the bidder attended the pre-bid meeting that was scheduled by the Department to inform DBEs of subcontracting opportunities;

(2) Whether the bidder advertised in general circulation, trade association, and minority-focus media concerning the subcontracting opportunities;

(3) Whether the bidder provided written notice to a reasonable number of specific DBEs that their interest in the contract is being solicited;

(4) Whether the bidder followed up initial solicitations of interest by contacting DBEs to determine with certainty whether they were interested;

(5) Whether the bidder selected portions of the work to be performed by DBEs in order to increase the likelihood of meeting the contract goal;

(6) Whether the bidder provided interested DBEs with adequate information about the plans, specifications and requirements of the contract;

(7) Whether the bidder negotiated in good faith with interested DBEs and did not reject them as unqualified without sound reasons based on a thorough investigation of their capabilities; and

(8) Whether the bidder made efforts to assist interested DBEs in obtaining any required bonding or insurance.

(9) Whether the bidder has written notification to certified DBE Contractors soliciting subcontracting for items of work in the contract.

(10) Whether the bidder has a statement of why an agreement was not reached.

(11) Proof of written notification to certified DBE Contractors by certified mail that their interest is solicited in subcontracting the work defaulted by the previous DBE or in subcontracting other items of work in the contract.

The bidder's execution of the signature portion of the proposal shall constitute execution of the following assurance:

> The bidder hereby gives assurance pursuant to the applicable requirements of "Moving Ahead for Progress in the 21st Century Act (MAP-21)" and applicable requirements of "Title 49, Code of Federal Regulations, Part 26" that the bidder has made a good faith effort to meet the contract goal for DBE participation for which this proposal is submitted.

DIRECTORY

A list of "Certified DBE Contractors" which have been certified as such by the Mississippi Department of Transportation and other Unified Certification Partners (UPC) can be found on the Mississippi Department of Transportation website at www.mdot.ms.gov. The list is in the top left corner of the current Letting Calendar under Contracts & Letting. The DBE firm must be certified at the time the project is let and approved by MDOT to count towards meeting the DBE goal.

REPLACEMENT

If a DBE Subcontractor cannot perform satisfactorily, and this causes the OCR-481 commitment to fall below the contract goal, the Contractor shall take all necessary reasonable steps to replace the DBE with another certified DBE Subcontractor or submit information to satisfy the Mississippi Department of Transportation that adequate good faith efforts have been made to replace the DBE. The good faith efforts outlined previously in this document still apply. The replacement DBE must be a DBE who was on the Department's list of "Certified DBE Contractors" when the job was let, and who is still active. All DBE replacements must be approved by the Department.

Under no circumstances shall the Prime or any Subcontractor perform the DBE's work (as shown on the OCR-481) without prior written approval from the Department. See "Sanctions" at the end of this document for penalties for performing DBE's work.

When a Contractor proposes to substitute/replace/terminate a DBE that was originally named on the OCR-481, the Contractor must obtain a release, in writing, from the named DBE explaining why the DBE Subcontractor cannot perform the work. A copy of the original DBE's release must be attached to the Contractor's written request to substitute/replace/terminate along with appropriate Subcontract Forms for the substitute/replacement/terminated Subcontractor, all of which must be submitted to the DBE Coordinator and approved, in advance, by MDOT.

PRE-BID MEETING

A pre-bid meeting will be held in the Commission Room on the 1st Floor of the MDOT Administration Building in Jackson, at 2:00 P.M. on the day preceding the date of the bid opening.

This meeting is to inform DBE firms of subcontracting and material supply opportunities. Attendance at this meeting is considered of prime importance in demonstrating good faith effort to meet the contract goal.

PARTICIPATION / DBE CREDIT

Participation shall be counted toward meeting the goal in this contract as follows:

(1) If the Prime Contractor is a certified DBE firm, only the value of the work actually performed by the DBE Prime can be counted towards the project goal, along with any work subcontracted to a certified DBE firm.

(2) If the Contractor is not a DBE, the work subcontracted to a certified DBE Contractor will be counted toward the goal.

(3) The Contractor may count toward the goal a portion of the total dollar value of a contract with a joint venture eligible under the standards of this provision equal to the percentage of the DBE partner in the joint venture.

(4) Expenditures to DBEs that perform a commercially useful function may be counted toward the goal. A business is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work and carries out its responsibilities by actually performing, managing, and supervising the work involved.

(5) The Contractor may count 100% of the expenditures for materials and supplies obtained from certified DBE suppliers and manufacturers that produce goods from raw materials or substantially alters them for resale provided the suppliers and manufacturers assume the actual and contractual responsibility for the provision of the materials and supplies. The Contractor may count sixty percent (60%) of the expenditures to suppliers that are not

manufacturers, provided the supplier performs a commercially useful function in the supply process. Within 30 days after receipt of the materials, the Contractor shall furnish to the DBE Coordinator invoices from the certified supplier to verify the DBE goal.

(6) Any work that a certified DBE firm subcontracts or sub-subcontracts to a non-DBE firm will not count towards the DBE goal.

(7) Only the dollars actually paid to the DBE firm may be counted towards the DBE goal. The participation of a DBE Firm cannot be counted towards the Prime Contractor's DBE goal until the amount being counted towards the goal has been paid to the DBE.

AWARD

Award of this contract to the low bidder will be contingent upon the following conditions:

(1) Concurrence from Federal Highway Administration, when applicable.

(2) All Bidders must submit to the Office of Civil Rights for approval, Form OCR-481 (DBE Commitment) no later than the 3rd business day after opening of the bids to satisfy the Department and that adequate good faith efforts have been made to meet the contract goal. For answers to questions regarding Form OCR-481, contact the MDOT Office of Civil Rights at (601) 359-7466.

(3) Bidder must include OCR-485 information with their bid proposal listing all firms that submitted quotes for material supplies or items to be subcontracted. OCR-485 information must be signed and included with the bid proposal. If the OCR-485 information is not included as part of bid proposal, your bid will be deemed irregular.

Prior to the start of any work, the bidder must notify the Project Engineer, in writing, of the name of the designated "DBE Liaison Officer" for this project. This notification must be posted on the bulletin board at the project site.

DEFAULT

If the contract goal established by MDOT in this proposal is 1% or greater, it must be met to fulfill the terms of the contract. The Contractor may list DBE Subcontractors and items that exceed MDOT's contract goal, but should unforeseen problems arise that would prevent a DBE from completing its total commitment percentage, the Contractor will meet the terms of the contract as long as it meets or exceeds MDOT's Contract Goal. For additional information, refer to "Replacement" section of this Notice.

DBE REPORTS

(1) OCR-481: Refer to "CONTRACT GOAL" section of this Notice to Bidders for information regarding this form.

(2) OCR-482: At the conclusion of the project, before the final estimate is paid and the project is closed out, the Prime Contractor will submit to the Project Engineer for verification of quantities and further handling Form OCR-482 whereby the Contractor certifies to the amounts of payments made to all Contractors / Suppliers over the life of the contract. The Project Engineer shall submit the completed Form OCR-482 to the DBE Coordinator (Office of Civil Rights). Final acceptance of the project is dependent upon Contract Administration Division's receipt of completed Form OCR-482 which they will receive from the Office of Civil Rights.

(3) OCR-483: The Project Engineer/Inspector will complete Form OCR-483, the Commercially Useful Function (CUF) Performance Report, in accordance with MDOT S.O.P. No. OCR-03-05-02-483. Evaluations reported on this form are used to determine whether or not the DBE firm is performing a CUF. The Prime Contractor should take corrective action when the report contains any negative evaluations. DBE credit may be disallowed and/or other sanctions imposed if it is determined the DBE firm is not performing a CUF. This form should also be completed and returned to the DBE Coordinator (Office of Civil Rights).

(4) OCR-484: Each month, the Prime Contractor will submit to the Project Engineer OCR-484 that certifies payments to all Subcontractors and shows all firms even if the Prime Contractor has paid no monies to the firm during that estimate period (negative report). The Project Engineer will attach the form to the monthly estimate before forwarding to the Contract Administration Division for further processing. Failure of the Contractor to submit the OCR-484 will result in the estimate not being processed and paid.

(5) OCR-485: ALL BIDDERS must submit signed form with bid proposal of all firms that submitted quotes for material supplies or items to be subcontracted. If the OCR-485 information is not included as part of bid proposal, the bid will be deemed irregular.

(6) OCR-487: Only used by Prime Contractors that are certified DBE firms. This form is used in determining the exact percentage of DBE credit for the specified project. The low Bidder should return this form to MDOT with the OCR-481 form, or can also be returned with the Permission to Subcontract Forms (RPS-1, NRAA-1 and SCC-1).

DBE Forms, can be obtained from the Office of Civil Rights Division, MDOT Administration Building, 401 North West Street, Jackson, MS, or at www.mdot.ms.gov under the Civil Rights tab.

SANCTIONS

The Department has the option to enforce any of the following penalties for failure of the Prime Contractor to fulfill the DBE goal as stated on the OCR-481 form or any violations of the DBE program guidelines:

(1) Disallow credit towards the DBE goal

(2) Withhold progress estimate payments

(3) Deduct from the final estimate or recover an amount equal to the unmet portion of the DBE goal which may include additional monetary penalties as outlined below based on the number of offenses and the severity of the violation as determined by MDOT.

1st Offense	10% of unmet portion of goal	or	$5,000 lump sum payment	or	Both
2nd Offense	20% of unmet portion of goal	or	$10,000 lump sum payment	or	Both
3rd Offense	40% of unmet portion of goal	or	$20,000 lump sum payment	or	$20,000 lump sum payment and debarment

(4) Debar the Contractor involved from bidding on MDOT federally funded projects for a period of up to 12 months after notification by certified email.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2689 LPA **CODE: (SP)**

DATE: 06/15/2017

SUBJECT: Asphalt Smoothness Requirement

Bidders are advised that Subsection 403.03.2.1—Smoothness Tolerances for Mean Roughness Index (MRI) is removed from this project. Any incentive or disincentive for asphalt smoothness associated with (MRI) is also hereby eliminated from this project.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2783 **CODE: (IS)**

DATE: 05/25/2021

SUBJECT: ITS General Requirements

For this Notice to Bidders, the "Engineer" shall mean the Project Engineer and/or their designee(s) throughout the rest of this NTB, unless stated otherwise.

Submittals

All submittals covered under this section shall be made electronically to the Project Engineer and to the ITS Engineer, shall clearly state the project name and project number, and should be in as few separate submittals as possible.

All products selected for use on this project shall be in compliance with 2 CFR 200.216, in addition to all other contract requirements as outlined throughout the specifications, special provisions and plans. No telecommunication and video surveillance equipment or services shall be manufactured by the following companies: Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, Dahua Technology Company, and any subsidiary or affiliate of these entities.

Product Data. Manufacturers' product data including specifications/cut-sheets, design guides, installation manuals, operating manuals, and maintenance/service manuals shall be submitted by the Contractor for each component of the ITS system, including but not limited to cabinets, controllers, sensors, conduit, pull boxes, hardware, and all other parts of the system selected for installation.

The complete information for the original product data submittal shall be contained in as few submittals as possible and be in an organized fashion.

The product data submittal shall be accompanied by a specification checklist. At a minimum, this checklist shall clearly state the following:

1) The project name and project number
2) The date of the submittal
3) The pay item number and description
4) The part and/or model number, matching the cut-sheet
5) The manufacturer
6) A Certification Statement that the referenced product is not manufactured by any of the following: Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, Dahua Technology Company, and any subsidiary or affiliate of these entities. (as per 2 CFR 200.216)
7) Every material requirement as stated in in this Notice to Bidders and as outlined elsewhere within this contract.

8) A statement of whether the product complies with the requirements set forth in the specifications, special provisions, plans and NTB. If product is not compliant, an explanation of non-compliance shall be provided.

All subsections of a particular section may be omitted if the section heading is included, is indicated to be not applicable, and that it is evident that all subsections being omitted are also not applicable.

It shall be the responsibility of the Contractor to guarantee the accuracy of the checklist.

Other Submittals. The following submittals shall be required:

1) Shop Drawings
2) Cabinet wiring diagrams with system labeling schedule.
3) Site wiring/connection drawings.
4) Rack diagrams showing rack mounted equipment.
5) All documentation as described in the Project Testing Plan Requirements section below.
6) Project Record Drawings:
    a. The purpose of Project Record Drawings is to provide factual information regarding all aspects of the Work, to enable future service, modifications, and additions to the Work.
    b. Project Record Drawings are an important element of this Work. Contractor shall accurately maintain Project Record Drawings throughout the course of this project.
    c. Project Record Drawings shall include documentation of all Work, including the conduit locations, pull box locations, equipment locations, foundation details, setup parameters and wiring and block diagrams.
    d. Project Record Drawings shall accurately show the physical placement of the following:
        i. Cabinets, sensors, pull boxes, and other materials installed at each site.
        ii. Conduit runs and splicing information.
    e. Project Record Drawings shall show the physical placement of each system component installed during the project at each site. Where the plan details do not depict actual field conditions, the Contractor shall amend the construction plan as required.
7) Upon completion of Work, and prior to Final Acceptance, the Contractor shall prepare and submit the final record set of Project Record Drawings. This set shall reflect the installed Work.
8) Closeout Submittals - A set of Project Record Drawings shall be provided to the Project Engineer and ITS Engineer for any items that changed or were not previously submitted, including:
    a. Project Record Drawings
    b. Product Data
    c. Installation Manuals
    d. Operating Manuals
    e. Maintenance/Service Manuals

As-Built Plans. The Contractor shall provide GPS locations of all pull boxes, splices, termination equipment cabinets, ITS field locations and all pole locations. The Contractor shall record and

submit the sequential footage markers from the fiber optic trunk and drop cables for each GPS location. The Contractor shall provide scanned PDF files of all plan sheets with pen and ink markups. The Contractor shall provide a site location inventory of ITS devices to include manufacturer model, serial numbers, MAC addresses, and IP addresses (as applicable) for all installed devices. All documentation will be due to the Department a minimum of thirty (30) calendar days after the installation.

Additional Quality Assurance Measures

The project shall be constructed in such a manner as to comply with environmental regulations and erosion control as specified in the plans and elsewhere in MDOT standard specifications.

At the completion of the Work, the site shall be cleaned, restored, grassed and otherwise stabilized to a condition consistent with conditions before work began. This work shall be paid for under other items of work.

All disturbed signs, guardrail, markers, fencing, and other roadway appurtenances shall be restored. Disturbed roadway appurtenances that require complete removal and replacement will be identified within the contract and will have separate pay items and quantities set forth for such work.

The Contractor shall clean-up debris caused by Contractor's activities on a daily basis as the work progresses. This work shall be paid for under other items of work.

All work-related accidents shall be reported immediately to the Project Engineer or his/her representative.

Maintenance and Technical Support. The supplier must provide and have a parts support system capable of providing parts for the length of the warranty period.

Project Testing Plan Requirements

The Contractor shall conduct a Project Testing Plan as required below in addition to all other project testing and acceptance procedures required elsewhere in the specifications and Plans. Some specifications contain details regarding the testing for individual device types or attributes, but this section outlines the overall testing plans for the entire project as a whole. The Project Testing Plan shall include a series of tests on all project materials occurring at various stages in the project. All costs associated with the Project Testing Plan shall be absorbed in contract pay items; no separate payment will be made for any testing.

General Requirements. The Contractor is responsible for planning, coordinating, conducting and documenting all aspects of the Project Testing Plan as detailed below and providing all required equipment for the tests. The Engineer reserves the right to attend and observe all tests.

Each test shall be an individual and separate event for each type of test and for each type of equipment as defined elsewhere within this NTB. The Contractor shall follow the testing sequence as described in this NTB and shall perform the required tests on all applicable devices and infrastructure.

Test procedures shall be submitted and approved for each test as part of the project submittals programs. Test procedures shall include every action necessary to fully demonstrate that the material under test is clearly and definitively in full compliance with all project requirements. Test procedure actions shall cross-reference to the specifications or Plans requirement that is the subject of the test action. Test procedure actions shall cross-reference the applicable sections of the final approved Project Submittal Compliance Form and the submittal materials for the subject of the test action. Test procedures shall contain test setup and block/wiring diagrams showing all materials being tested and all test and measurement equipment, with calibration documentation, and shall contain documentation regarding the equipment configurations and programming. Test procedures shall include checkoff blanks for each project requirement included in that test and shall include forms for the documentation of all measured test results.

No testing shall be scheduled until approval of all project submittals for all materials covered under a given test and approval of the test procedures for the given test has been granted.

Unless otherwise required herein, the Contractor shall request in writing the Engineer's approval for each test occurrence a minimum of 14 days prior to the requested test date. Test requests shall include the test to be performed and the material to be tested. The Engineer reserves the right to reschedule tests if needed.

For any series of tests on different installations of a given material (e.g., different sections of cable), the Contractor shall request in writing the Engineer's approval for the first test occurrence of the series a minimum of 14 days prior to the requested test date, regardless of the notification requirements for subsequent test occurrences.

The Contractor shall provide all ancillary equipment, materials, diagnostic and test software, and computers as required in the approved test procedures.

All test results shall be documented in writing by the Contractor in accordance with the test procedure and submitted to the Engineer within seven (7) days of the completion of the test. Any given test session is considered incomplete until the Engineer has approved the documentation for that test session.

The Contractor shall provide test results documentation in electronic format and printed format (3 copies). Electronic formats shall be provided in both PDF and Microsoft Excel or other approved application. Printed copies shall be bound and organized by test, equipment type, and individual unit.

- Two sets are for the Traffic Engineering ITS Department
- One set is for the Engineer

All test results shall be provided in English units of measure.

All test results deemed by the Engineer to be unsatisfactorily completed shall be repeated by the Contractor, following all test requirements as defined elsewhere in this NTB and contract

specifications. This shall include a request in writing for the Engineer's approval for the repeated test a minimum of 14 days prior to the requested test date, unless this requirement is waived by the Engineer. In the written request for each test occurrence that is a repeat of a previous test, the Contractor shall summarize the diagnosis and correction of each aspect of the previous test that was deemed unsatisfactory. Any revisions to the test procedures for a repeated test occurrence shall meet all requirements for the original test procedures, including review and approval by the Engineer.

The satisfactory completion of any test shall not relieve the Contractor of his responsibility to provide a completely acceptable and operating system that meets all requirements of this project.

It is possible for the Contractor to schedule multiple test dates and revise the actual test being performed on a particular day if; 1) the Engineer approves of the change, 2) all test scheduling requirements above have still been met for the actual test to be performed on the date, and 3) there is not an unreasonable change of location, time, duration, or requirement of the Engineer.

Factory Acceptance Test (FAT). FATs shall be conducted at the Manufacturer or Contractor's facility or at a facility acceptable to all parties prior to shipping from the factory. The goal of the FAT is to verify that the equipment meets the requirements of the specifications. All equipment to be utilized for this project shall be subject to tests that demonstrate the suitability of the design and manufacturing procedures and compliance with the contract requirements, unless an exception for a specific equipment item is granted by the Engineer. The tests shall be performed on production units identified to be delivered under this Contract. As a minimum, a FAT is required for each of the following project materials:

- Dynamic Message Signs

The FAT testing procedures and results for specifically identified materials shall demonstrate that all testing requirements as outlined within the contract (standard specifications, plans, special provisions, and notice to bidders) are met, including, but not limited to: functional/system performance requirements, electrical requirements, data transmission/communication requirements, safety/password requirements, environmental requirements, and interface requirements with other components of the project system.

The Engineer reserves the right to waive FATs which are deemed to be unnecessary and reserves the right to witness all FATs that are determined to be critical to the project. At the Engineer's discretion, the Engineer may be in attendance at the FAT for any units tested. The FAT for the first three (3) units shall be conducted during the same time period and shall be completed before additional units are produced.

The Engineer shall be notified a minimum of 45 calendar days in advance of such tests. Salary and travel expenses of the Engineer and his/her representatives will be the responsibility of the Department. In case of equipment or other failures that make a retest necessary, travel expenses associated with retests for the Engineer and his/her representatives shall be the responsibility of the Contractor. The travel expenses shall include all costs associated with having a two-person Engineer review team on site, including but not limited to airfare, automobile rental, lodging, and

per diem. These costs, excluding airfare, shall not exceed $500.00 per representative, per day. These costs shall be deducted from the payments due or charged to the withholding account of the Contractor when the project is terminated.

The vendor must complete the FAT on all remaining units on their own and submit documentation to the Engineer that the FATs were completed. The Engineer reserves the right to randomly attend those FAT tests.

No equipment for which a FAT is required shall be shipped to the project site without successful completion of factory acceptance testing as approved by the Engineer and the Engineer's approval to ship.

Bench Test Components (BTC). The Contractor shall perform a complete BTC on the lesser of the full contract quantity of units of equipment and materials or the number of units required as specified in this subsection below. The quantity listed in the subsection below is a "minimum" quantity and the Engineer reserves the right to require testing of additional quantities if the initial testing is not deemed adequate. The Contractor shall provide the testing location and facility, which shall be in Mississippi and within a 25-mile radius of the project limits. The test location must be approved by the Engineer as part of the BTC test procedure submittal.

The BTC shall demonstrate that all equipment and materials are in full compliance with all project requirements and works "out of the box" by visual inspection, setup and operation "on the bench", functional testing of the component including manufacturer's recommended startup diagnostics, and testing prior to any field installation of that equipment or material. Test results documentation shall be provided for each equipment item and material in the full contract quantity; test results documentation shall include the manufacturer's serial number and the project location ID for each item.

As a minimum, a BTC is required for each of the following project materials for quantities as shown.

- Closed Circuit Television Equipment, 4 PTZ units & 6 fixed units
- Video Detection System (Type 1), 4 units
- Dynamic Message Sign, 2 complete units of each type
- Travel Time Signs, 2 compete units
- Network Switches Type A, 4 units
- Network Switches Type B & F, 2 units each
- Network Switches, Type C, D, & E, 1 unit each
- ITS Radar Vehicle Detection Sensors, 6 units
- Highway Advisory Radios, 2 units
- Radio Interconnect System, 4 units of each type
- Bluetooth Detection System, 6 units
- DSRC devices, 6 units
- Roadway Weather Information System, 2 complete units
- Traveler Information Video Kiosk, 2 complete units
- Smart Work Zone System

  - Portable CCTV station, 2 complete units
  - Non-Intrusive Vehicle Detection Devices / Portable Traffic Sensors, 4 complete units
  - Highway Advisory Radio, 2 complete units
  - Portable Changeable Message Signs, 2 complete units
  - Portable Traffic Signal, 2 complete units
- Off-the-shelf and Vendor Software, all necessary
- Equipment Cabinet (Type A), 2 cabinets
- Equipment Cabinet (Type B), 4 cabinets
- Equipment Cabinet (Type C), 2 cabinets

Pre-Installation Tests (PIT). The Contractor shall perform Pre-Installation Tests (PIT) on all device quantities that are not included in the BTC. The Contractor shall provide the testing location and facility, which shall be within a 25-mile radius of the project limits or as approved by the Engineer. The test location must be approved by the Engineer as part of the PIT test procedure submittal. The PIT shall be a shortened version of the BTC to ensure the equipment will power up, operate, and was not damaged during shipment. The Engineer reserves the right to attend any PIT as desired; however, the contractor shall submit documentation of the PITs whether the Engineer is present or not. In addition to these requirements, see the DMS, TTS, and Fiber Optic Cable Special Provisions for more details.

Stand Alone Site Tests (SAT). The Contractor shall perform a complete SAT on all equipment and materials associated with the field device site, including but not limited to electrical service, conduit, pull boxes, communication links infrastructure (fiber, leased copper, wireless), cable, poles, camera lowering devices, device communication cables, cabinet apparatus, etc. The goal of the SAT is to verify that the equipment has been properly installed and commissioned according to the manufacturer requirements. A SAT shall be conducted at every field device site including communications hubs. A SAT shall be conducted for a fully installed and completed control center in the TMC as described in the TMC modification NTB. A SAT shall be conducted for all fiber optic infrastructure.

The SAT shall demonstrate that all equipment and materials are in full compliance with all project requirements, are fully functional as installed, and are in their final configuration. As part of this demonstration, SATs shall include but are not limited to the following:

- A visual inspection of the cabinet and all construction elements at the site to ensure they are compliant with the Specifications and have no physical damage or deformities.
- The inspection of the cabinet at each site shall include the functional test of all cabinet equipment, including circuit breaker, receptacles, fan and thermostat, lights, and door switches.
- Verify that manufacturer documentation for each device is present.
- A measurement of the DC power supply shall be made at the cabinet when it is operating under full load.
- Verify that all equipment has proper power, surge protector, and grounding connections.
- Inspect the integrity of all cable connections and terminations and verify that the cables are connected and terminated as specified in the Plans.

The SATs for each site type shall include but are not limited to the following:

- *CCTV Stand Alone Site Test*: Shall be conducted at the CCTV Cabinet and shall demonstrate the complete operation of the CCTV, Network Switch, and the link(s) to any devices that are connected to the Power Supply in the CCTV Cabinet. The SAT shall include a 5-minute recording of each PTZ and Fixed camera showing the field of view and video quality. Two copies of the recording shall be provided to the Engineer on USB flash drives. The recording will start at the preset default position(s) and will demonstrate the full zoom capabilities of the cameras, as well as the full range of the pan and tilt functions of PTZ cameras. This recording shall be in a format playable with Windows Media Player or pre-approved by the Engineer.
- *Video Vehicle Detection Stand Alone Site Test:* Shall be conducted at the cabinet and shall demonstrate the complete operation of all equipment that vehicles are being properly detected, and that appropriate data is being relayed to the correct devices. See Video Vehicle Detection Special Provision for more details.
- *ITS Communications HUT Stand Alone Site Test:* Shall be conducted at the HUT and shall demonstrate the complete operation of all equipment inside the HUT including Network Switches. This also includes visual inspection of the Site elements associated with the HUT.
- *ITS Termination Cabinet Stand Alone Site Test:* Shall be conducted at the termination cabinet and shall demonstrate the complete operation of all equipment inside the cabinet including Network Switches. This also includes visual inspection of the Site elements associated with the termination cabinet.
- *Radio Interconnect System Stand Alone Site Test:* Shall be conducted from the cabinets at both ends of the communications link (even if one end consists of existing equipment) and shall demonstrate that the radios, the antennas, the entire link, the Network Switch, and the transmission of video and/or data are fully operational. See Radio Interconnect Special Provision for more details.
- *Highway Advisory Radio Site Test:* Shall be conducted at the HAR cabinet, antenna, and advisory signs and shall demonstrate complete operation of recordings, transmissions, and remote flashing beacon unit(s). See HAR Special Provision for more details.
- *Fiber Optic Cable Stand Alone Site Test*: Shall be conducted at each Cabinet and at each HUB and shall include both power meter tests and OTDR tests. See Fiber Optic Special Provision for more details.
- *Conduit Detection Wire Stand Alone Site Test*: Shall be conducted at each pull box and shall demonstrate that a continuous run of conduit detection wire was installed between pull boxes, vaults, cabinets, and structures as required.
- *ITS Radar Vehicle Detection Stand Alone Site Test*: Shall be conducted at the IRVD Cabinet and shall demonstrate the complete operation, proper configuration, and verification of detection for each lane of traffic or zone of the IRVD unit(s).
- *BDS Stand Alone Site Test*: Shall be conducted at the Device Cabinet and shall demonstrate the complete operation and proper configuration of the unit(s), verify network connection to the BDS through ping and telnet sessions from a remote PC, and confirm that the system is fully functional by detecting Bluetooth devices at a sample rate approved by the Engineer.

- *RWIS Stand Alone Site Test*: Shall be conducted at the RWIS Cabinet and shall demonstrate the complete operation and proper configuration of the RWIS and shall verify that the remote flashing beacon unit(s) on the warning signs are activated properly as specified and will de-activate automatically without renewal at preset intervals.
- *SWZ Stand Alone Site Test*: Shall be conducted at each device at its initial location and shall demonstrate the complete operation and proper configuration of the device as described in the Smart Work Zone Special Provision and NTB. At any subsequent locations, at a minimum, a document verifying that the device is configured for the new location shall be submitted to the Engineer.
- *Kiosk Stand Alone Site Test*: Shall be conducted at the device, verify all required video layouts and displays, demonstrate all required software features, and demonstrate the complete operation of the device and Network Switch. Refer to the Traveler Information Video Kiosk specification for more details.
  DMS & TTS Stand Alone Site Test: Shall be conducted at the Device Cabinet, verify that all pixels are operational, verify that the sign can be controlled locally through both the serial and Ethernet ports, and demonstrate the complete operation of the device and Network Switch. The signs shall be delivered with and tested using default fonts and sizes that are provided by the MDOT ATMS drivers.

The Contractor shall request in writing the Engineer's approval for each test occurrence a minimum of 14 days prior to the requested test date. The Contractor shall arrange, at no additional expense to the State, the attendance of a qualified technical representative of the equipment manufacturer to attend each test until a minimum of two (2) sites of that type are approved.

Sub-System Test (SST). The Contractor shall perform an SST on each DMS and TTS to verify and document that all remote TTS and DMS functions and alarms are operational from the TMC.

An SST is required for at least ten percent (10%) of each of the following devices being placed for the project, taken by a random sampling: BDS, Network Switch, IRVD, HAR, Radio, CCTV, Video Vehicle Detection, and RWIS including beacons. The SST will require the Contractor to demonstrate and document that all functions and alarms are operational from the TMC.

An SST is required for each Traveler Information Kiosk in the project and will require the Contractor to demonstrate and document the features demonstrated in the Kiosk SAT using remote access from the TMC.

An SST is required for each Smart Work Zone device in the project and will require the Contractor to demonstrate and document the connection between the device and the central data/video collection site. Once a Smart Work Zone device has been verified to be properly configured, working, and communicating at its current location, the device can be utilized without further testing. The Conditional System Acceptance Test, Burn-in period, Final Inspection, or Final System Acceptance is not required for a device being solely utilized as part of the temporary Smart Work Zone System. Devices moved to a new location do require verification that they are still working as intended in the new location.

The Contractor shall coordinate the SST to be performed with the Project Engineer or designee

present. The Contractor shall provide an SST plan to the Project Engineer for review and approval a minimum of two weeks in advance of tests being performed.

Conditional System Acceptance Test. The Contractor shall perform a complete conditional system acceptance test on all equipment and materials in the project. The Contractor shall not request the conditional system acceptance test until the SATs have been satisfactorily completed, all as-built documentation has been submitted and approved, and all other project work has been completed to the satisfaction of the Engineer. Prior to a Conditional System Acceptance Test, the Contractor shall provide advance notice of and written test results documenting that the Contractor has performed a dry-run of the conditional system acceptance test. The Engineer reserves the right to attend a dry-run test session.

The Contractor shall coordinate the CSAT with the Engineer. The Contractor shall provide a CSAT plan to the Engineer and be approved a minimum of fourteen (14) calendar days in advance of tests being performed. The CSAT plan shall be inclusive of steps and procedures to be performed and scheduled times to perform test procedures.

The Contractor shall test all project systems simultaneously from the State TMC in a manner equivalent to the normal day-to-day operation of the system. The Conditional System Acceptance Test shall demonstrate that all equipment and materials in the network are in full compliance with all project requirements and fully functional as installed and in final configuration, communicating with and being controlled through the control center at the State TMC. If pre-processing systems (e.g., edge computing) or post-processing systems (e.g., video image processing and analytics, detection in one device triggering an alarm or event in another device, etc.) are present, these shall be tested, verified, and documented as working as intended during the CSAT. Edge computing is where data-handling activities, such as analysis and event-triggering, takes place near the physical location that the data is collected.

The Engineer reserves the right to require, at no additional expense to the State, the attendance of a qualified technical representative of the equipment and/or software manufacturers to attend any given Conditional System Acceptance Test.

Upon completion and full approval of the Conditional System Acceptance Test for all equipment in all phases, Conditional System Acceptance will be given and the Burn-in Period will begin.

Burn-In Period. Following the Engineer's written notice of successful completion of the Conditional System Acceptance Test, the entire newly installed system must operate successfully for a 3-month burn-in period. The Contractor shall be responsible for the full maintenance of the newly installed equipment during the burn-in period. This maintenance includes all troubleshooting and repairs as well as providing preventive maintenance that meets the equipment manufacturer's recommendations. However, no separate payment will be made during the burn-in period. Successful completion of the burn-in period will occur at the end of six (6) complete months of operation without a system failure attributable to hardware, software or communications components. Each system failure during the burn-in period will require an additional month of successful operation prior to being eligible for Final Acceptance (i.e., if the initial burn-in period

is three (3) months and there are two (2) system failures during this time, the burn-in period would be increased to five (5) months).

Burn-In General Requirements:

- Determination of a system failure shall be at the sole discretion of the Engineer.
- System failure is defined as a condition under which the system is unable to function as a whole or in significant part to provide the services as designed. While a single component failure will not constitute a system failure, chronic failure of that component or component type may be sufficient to be considered a system failure. Chronic failure of a component or component type is defined as three (3) or more failures for the same component during the burn-in period.
- Components are defined as contract items or major material elements in a contract item. For electrical and electronic contract items, components are defined as the complete assembly of materials that makes up the contract item.
- Specifically exempted as system failures are failures caused by accident, acts of God, or other external forces that are beyond the control of the Contractor. However, failure of the contractor to respond to the repair request for that failure within 24 hours may be considered a system failure.
- The Department will advise the Contractor in writing when it considers that a system failure has occurred or chronic failure exists.
- If multiple system and/or chronic failures continue to occur throughout the burn-in period due to a single component type, the Contractor may be required to replace all units of that component type with a different model or manufacturer.
- The Contractor shall document all failures and subsequent diagnosis and repair. The repair documentation shall include as a minimum:
    - Description of the problem
    - Troubleshooting and diagnosis steps
    - Repairs made
    - List of all equipment and materials changed including serial numbers.
    - Update of the equipment inventory where needed.
    - The Contractor shall provide the repair documentation to the Engineer within two (2) days of completing the repair; failure to provide acceptable documentation as required shall be reason to not approve the repair as complete. The Engineer will provide acceptance or rejection of the repair and documentation within seven (7) days of receiving the repair documentation.
    - The Engineer reserves the right to require, at no additional expense to the State, the presence of a qualified technical representative of the equipment and/or software manufacturers as related to the diagnosis and/or repair of any system failure.
- During the burn-in period, the Contractor shall perform incidental work such as touching up, cleaning of exposed surfaces, leveling and repair of sites, sodding/grassing and other maintenance work as may be deemed necessary by the Engineer to ensure the effectiveness and neat appearance of the work sites.
- During the burn-in period, the Engineer shall maintain a "burn-in period punch list" that contains required Contractor actions but that the Engineer does not define as a system failure. Each burn-in period punch list action item shall be completed by the Contractor to

the Engineer's satisfaction within seven (7) days of Contractor notification of the action item.

- During the burn-in period, the Contractor is required to meet the following response times once notified there is a problem. A response is defined as being on-site to begin diagnosing the problem.
    - Monday thru Friday: The Contractor shall respond no later than 9:00 a.m. the following morning after being notified.
    - Weekends: If the Contractor is notified on Friday afternoon or during the weekend, the Contractor shall respond by 9:00 a.m. on Monday morning.
- During the burn-in period, the Contractor shall provide all labor, materials, equipment and replacement parts to completely maintain, troubleshoot and repair all items installed under this contract. No separate payment will be made for any labor, materials, equipment, or replacement parts needed during the burn-in period.
- The overall burn-in period will be considered complete upon the successful completion of the burn-in time periods, the Engineer's acceptance of all repairs and repair documentation, completion of all burn-in period punch list actions, and a final inspection as described below.

Contract time will not cease during the burn-in period(s). Contract time for the burn-in period was considered when determining the original contract time.

Final Inspection. Upon successful completion of the burn-in period, the entire project shall be eligible for Final Inspection. The Final Inspection will be conducted provided the burn-in period has demonstrated the entire system is operating successfully. The Final Inspection shall include but is not limited to:

1. monitoring of all system functions at the State TMC to demonstrate the overall system is operational
2. a field visit to each site to ensure all field components are in their correct final configuration
3. verification that all burn-in punch list items have been completed
4. verification that all final cleanup requirements have been completed
5. approval of final as-built documentation

Prior to conducting the Final Inspection, the burn-in period shall demonstrate that all requirements defined in the specifications have been met, including, but not limited to: functional/system performance requirements, electrical requirements, data transmission/communication requirements, safety/password requirements, environmental requirements, and interface requirements with other components of the system.

The Contractor shall request in writing the Engineer's approval to start the Final Inspection a minimum of 14 days prior to the requested start date. The Engineer reserves the right to reschedule the start date if needed. The start date for the Final Inspection cannot be prior to the successful completion of the overall burn-in period.

An unsuccessful or incomplete Final Inspection shall require a new Final Inspection after the Contractor has made the necessary corrections. Up to 14 days shall be allowed for the Engineer

to conduct a Final Inspection. The presence of the MDOT ITS Engineer or his/her designee is required during the final inspection.

The Engineer reserves the right to require, at no additional expense to the State, the attendance of a qualified technical representative of the equipment and/or software manufacturers to attend a portion of a Final Inspection.

The Contractor shall be responsible for the full maintenance of all project equipment and materials during the entire time period from the successful completion of the burn-in period until Final System Acceptance is granted.

Final System Acceptance. Upon successful completion of the Final Inspection and all other items of work on the project, the Engineer will grant Final System Acceptance in accordance with Subsection 105.20 of the Standard Specifications.

Beneficial Use of Dynamic Message Signs During Construction. Each DMS shall be roadside controllable (by sign vendor software) within 30 days of attachment to structures (visible to motorists). The Contractor's construction schedule shall clearly identify when installation of the signs over the roadway shall occur, and when roadside control shall be established for each sign. The Contractor shall not install a DMS over the roadway until all ancillary and infrastructure elements, including cabinets, controllers, conduits, cabling, etc. necessary to operate the sign are in place and functional. Once roadside controllable, the Contractor shall display emergency, special event, construction, safety or traveler information messages approved by MDOT, only when requested by MDOT, at no additional cost to MDOT. Normal diagnostic messaging for the purpose of installation and testing shall be determined by the Contractor but shall not be allowed to the extent that excessive power consumption or distraction to motorists occurs as determined by the Engineer. Any beneficial use of the signs to MDOT and the public prior to Final Acceptance does not constitute MDOT acceptance or waive any Contractor testing requirements. The cost that may be incurred by the Contractor to display messages as described above during this construction contract shall be considered incidental and included in the cost of other items.

Warranties

The following components of the Project shall be warranted against manufacturing defects and workmanship for a period of at least one (1) year:

- Radio interconnect system components as listed under SP 907-662-2
- Layer 2, Type A; Layer 3, Type C, Type C4, Type E1, and Type E2 Network Switches; and Network Terminal Server & Network Cellular Modem as listed under SP 907-663-5
- Communication Node Hut & Hut Modifications under SP 907-664-4
- Video Communication Equipment components under SP 907-665-1
- Bluetooth Detection System components under SP 907-666-3
- Roadway Weather Information System & Warning Signs with Flashing Beacon under SP 907-670-3
- Kiosk Monitoring Camera under SP 907-671-1
- Travel Time Sign under SP 907-674-1
- ITS Radar Vehicle Detector under SP 907-641-2

- On Street Video Equipment under SP 907-650-4;
- Highway Advisory System components under SP 907-655-2;
- Dynamic Message Signs under SP 907-656-1.

The following components of the Project shall be warranted against manufacturing defects and workmanship for a period as listed below for each respective item from the date of Final Maintenance Release.

- *Fiber Optic Cable*: Ten (10) year warranty on materials and workmanship
- *Traveler Information Video Kiosk*: Two (2) year extended warranty on materials/hardware
- *TMC Modification*: Two (2) year warranty on hardware and one (1) year warranty on software
- *Type C1, C2, & C3 Network Switches*: Five (5) year warranty on hardware
- *Type D, E, & F Network Switches*: Five (5) year warranty on hardware
- *Video Vehicle Detection and Multisensor Vehicle Detection:* Three (3) year warranty on hardware

The Contractor shall supply the warranties in writing with the Final Maintenance Release date documented on them. These warranties shall cover complete replacement at no charge for the equipment. The Contractor will be responsible for all labor, shipping, insurance and other charges until Final System Acceptance. Equipment covered by the manufacturers' warranties shall have the registration of that component placed in the Department's name prior to Final Inspection. The Contractor is responsible for ensuring that the vendors or manufacturers supplying the components and providing the equipment warranties recognize MDOT as the original purchaser and owner/end user of the components from new.

During the warranty period, the supplier shall repair or replace with new material of equal or greater kind and quality and meeting all of the applicable specifications herein, at no additional cost to the State, any product containing a warranty defect, provided the product is returned postage-paid by the Department to the supplier's factory or authorized warranty site. Products repaired or replaced under warranty by the supplier shall be returned prepaid by the supplier. During the warranty period, technical support shall be available from the Contractor via telephone within four (4) hours of the time a call is made by the Department. If it is deemed necessary by the Engineer, technical support shall be available from factory certified personnel of the supplier via telephone within eight (8) hours of the time of the initial call made by the Department. During the warranty period, updates, patches, performance improvements, and corrections to all software and firmware used during the project shall be made available to the Department by the supplier at no additional cost.

Training

After the Stand Alone Site Tests have been conducted but prior to Conditional System Acceptance, the Contractor shall provide separate training sessions for each subsystem training pay item included in the project. The training sessions may require multiple classes as noted below) and shall accommodate from six (6) to twelve (12) personnel per class. Additional sessions for additional personnel may be required if the make and model of the subject component is not currently in the MDOT system.

The training must include formal classroom and "hands-on" operations training with a complete demonstration of the configuration, operation, and capabilities of each component in the system. The training should also consist of a hands-on demonstration of all software configuration and functionality where applicable. Each training day shall include a mixture of classroom style training in equipment operations, hands-on operator training using the same models of equipment furnished for the project, and question and answer sessions.

During the burn-in period, the Contractor shall also provide two (2) identical non-consecutive training sessions on the maintenance of the overall system. The training shall be provided for at least ten (10) personnel with individual copies of all training materials provided to each participant. The training must include both classroom style training and hands-on training in the field of the maintenance and troubleshooting procedures required for each component. Additional sessions for additional personnel may be required if the make and model of certain components are not currently in the MDOT system.

Prior to scheduling the training, the Contractor shall submit resume and references of the training instructor(s) to the Engineer for approval. The qualifications of the trainers must meet, at a minimum, the recommended qualifications of the equipment manufacturer with a minimum of four years of experience in training personnel. If qualified personnel are not on the Contractor's staff, a representative of the manufacturer shall provide the training.

The training shall be provided at an agreed upon location. If training requires travel on the part of training instructors, then the cost of travel shall be included.

The Contractor shall provide individual copies of documentation, training, and maintenance materials for each participant. These materials shall include detailed specifications and information pertaining to each device in the system. The documentation shall include details of the technical and operational aspects of the completed system. This shall include operational and maintenance manuals, system diagrams, cabling diagrams and mounting/positioning details. The Contractor shall supply emergency contact information and necessary procedures for obtaining vital replacement parts within a designated, agreed upon time frame.

The Contractor shall submit a detailed Training Plan including course agendas, detailed description of functions to be demonstrated, and a general schedule to the Engineer for approval within 90 days of Contract Notice-to-Proceed. The exact date of the training shall be submitted to the Engineer for approval at least four (4) weeks ahead of the date.

Grounding

The Contractor shall provide a grounding and lightning protection system to protect from electrical power surges caused by lightning or disruptions in the power supply system. Ground rods, ground conductor, lightning collectors and appurtenances shall be as detailed on the plans and as required by these specifications.

General. All non-current carrying metal parts of the site shall be grounded according to NEC specifications. In addition, all non-current carrying metal parts shall have a voltage potential of

zero relative to reference ground. This reference ground shall be achieved via the equipment-grounding conductor.

Support cable, metallic cable sheaths, conduit, metal poles, pedestals, and communication building shall be made mechanically and electrically secure and grounded. Bonding and grounding jumpers shall be properly sized according to the NEC and in no case shall they be smaller than a #6 AWG copper wire. Ground pole-mounted accessories to the pole. Equipment on wood poles shall be grounded.

Permanently ground the poles by bonding the No. 6 AWG solid copper wire to a separate ground rod.

Metal raceways, metal enclosures of electrical devices, lighting fixtures, panelboards, and other non-current carrying metallic parts of equipment shall be securely grounded.

Ground rods shall be installed according to plan details. A length of copper conductor shall be attached to the ground rod, utilizing the specified grounding methods, and connected to the grounding system. Do not ground to a permanent water system instead of the driven ground rod. Ensure that grounding devices conform to the requirements of the NEC and NEMA.

Cabinet Grounding. A single-point grounding system shall be constructed.

All grounds for the cabinet shall be installed on the side of the building that utilities, communication cables, and fiber enter. All earth grounds shall be connected to this point, including the grounding system for Surge Protection Devices (SPD). All connections to SPDs shall be made according to the manufacturer's recommendations.

A single ground bus bar shall be mounted on the side of the cabinet wall adjacent to the power panel for the connection of AC neutral wires and chassis ground wires.

The Contractor shall ensure that communication cables, AC power, emergency generator, and equipment frames are connected by the shortest practical route to the grounding system. The lead lengths from each device to the SPD shall be protected. Electrical continuity of all connections shall be verified. All non-conducting surface coatings shall be removed before each connection is made. Ground conductors shall be downward coursing, vertical, and as short and straight as possible. Sharp bends and multiple bends shall be avoided in grounding conductors.

Surge Suppressor

Surge protection device (SPD) shall be provided to protect electronics from lightning, transient voltage surges, and induced current. All SPDs shall be installed at the top and bottom of each pole

to provide reliable lightning protection. SPDs shall be installed on all power, data, video and any other conductive circuit.

SPD for 120 Volt or 120/240 Volt Power. A SPD shall be installed at the utility disconnect to the cabinet. The SPD at the utility disconnect shall include L-N, L-G, and N-G protection. The SPD shall meet the requirements of UL 1449, Third Edition and be listed by a NRTL.

A SPD shall be provided where the supply circuit enters the cabinet. The SPD shall be located on the load side of the main disconnect and ahead of any and all electronic devices and connected in parallel with the AC supply. The SPD in the cabinet shall include L-N, L-G, and N-G protection. The SPD shall meet the requirements of UL 1449, Third Edition and be listed by a NRTL.

The SPD shall have a visual indication system that monitors the weakest link in each mode and shows normal operation or failure status and also provides one set of normally open (NO)/normally closed (NC) Form C contacts for remote alarm monitoring. The enclosure for a SPD shall have a NEMA 4 rating

SPDs for Low-Voltage Power, Control, Data and Signal Systems. A specialized SPD shall be installed on all conductive circuits including, but not limited to, data communication cables, coaxial video cables, and low-voltage power cables. These devices shall comply with recommendations from the device manufacturer.

SPD at Point of Use. A SPD shall be installed at the point the ITS devices receive 120 volt power and connected in series with the circuits. SPDs shall be selected and installed according to recommendation from the device manufacturer. The units shall be rated at 15 or 20 amps load and configured with receptacles. These units shall have internal fuse protection and provide common mode (L+N-G) protection.

SPDs shall meet the requirements of UL 497B or UL 497C, as applicable, and are listed by a NRTL.

Solar Power Systems

The Contractor shall provide a solar power system meeting the following requirements:

1. The supplier shall provide documentation specifying approximate daily power generation, power consumption, storage capacity, and charge rates representing an optimal power source to the satisfaction and approval of the Project Engineer.
2. Shall include a solar controller with automatic battery temperature compensation and automatic charging circuitry to prevent overcharging.
3. The battery back-up system chargers shall meet all specified requirements while operating between -40 °C to +74 °C (-40 °F to +165 °F), and 95% relative humidity.
4. Shall include metering for voltage and charging current.
5. Solar panels shall be Jet Propulsion Laboratory Block-5 tested and approved.
6. Solar panels shall be compliant with IEC 61215 and IEEE 1262.
7. Solar panels shall be break-resistant and sealed.
8. Battery shall be maintenance-free, sealed, gel-cell.

9. The Contractor shall test the battery for faulty irregularities and provide documentation to the Project Engineer stating the battery's voltage, and resistance. The battery voltage and resistance shall meet the manufacturer's specifications.

The Solar Power Systems for each site type shall include but are not limited to the following:

- *HAR Flashing Beacons*:
  1. A performance design study shall be conducted and submitted for approval for the proposed solar power system. The solar power system shall be designed on the performance design study.
  2. The solar system shall, at a minimum, operate the flashing beacons continuously at full power for at least three (3) days with no sunlight. This must be accomplished without an auxiliary generator or AC power connection.
  3. Solar panels shall have a power rating of 80-watts.
  4. The Solar power system shall include a separate aluminum NEMA 3R enclosure to house the battery. This enclosure shall be designed to provide protection from rain, sleet, snow and corrosion.
     a. The enclosure shall be constructed from 0.125" thick aluminum alloy type 5052-H32.
     b. The enclosure shall be lockable.
     c. The enclosure door shall include a EDPM rubber or equivalent closed-cell gasket

- *Type A BDS*:
  1. All solar panels shall be in accordance with UL1703, or equivalent.
  2. The solar cell shall have a minimum power capacity of 30 watts.
  3. The battery shall provide sufficient power for all BDS component operation for a minimum of 168 hours (7 days).
  4. Should solar power be specified with the Type A BDS, the NEMA 4 enclosure shall be sized appropriately for the solar power components.

Performance Design Study. A performance design study shall be conducted where required before the installation of a Solar Power System. The performance design study shall include, but is not limited to:

1. The daily Solar Insulation data averaged on a monthly basis.
2. The correct Tilt Angle for the solar array.
3. The daily Array Output, in Amp-Hours, averaged on a monthly basis.
4. The total Daily Load requirement, in Amp Hours, averaged on a monthly basis.
5. A monthly Loss of Load Probability (LOLP) of the designed power supply.
6. The number of Battery Reserve Days, averaged on a monthly basis.
7. The monthly Average Battery State of Charge.
8. The statistical Interval to Loss of Load, in years.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2954 **CODE: (SP)**

DATE: **12/01/2020**

SUBJECT: **Reflective Sheeting for Signs**

Bidders are hereby advised that the retroreflective sign sheeting used for signs on this project shall be as listed below and shall meet the requirements of Subsection 721.06.

Temporary Construction Signs

Temporary traffic control (orange) sign sheeting shall be a minimum Type IX Fluorescent Orange sheeting as shown in Special Provision 907-721.

Permanent Signs

Permanent signs, except signs on traffic signal poles/mast arms, shall be as follows:

- Brown background sheeting on guide signs shall be a minimum Type VIII sheeting,
- Green and blue background sheeting on guide signs shall be a minimum Type IX sheeting, and
- All white, yellow, red, fluorescent yellow, and fluorescent yellow/green sheeting shall be Type XI sheeting.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3676 **CODE: (SP)**

DATE: 09/21/2021

SUBJECT: Asphalt Gyratory Compactor Internal Angle Calibration

Bidders are advised that by March 1, 2022, all asphalt gyratory compactors shall be calibrated to an internal angle of 1.16° ±0.02°. This requirement will be reflected in updates made to MT-78, MT-80, and MT-83. This calibration requirement also extends to all QC/QA testing.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5865 LPA **CODE: (SP)**

DATE: 11/30/2015

SUBJECT: Sampling and Testing of Concrete on Small LPA Projects

Bidders are advised that the following concrete items will be tested at a reduced amount and will not be accepted based on the Quality Control / Quality Assurance (QC/QA) requirements of Section 804 of the specifications.

Section	Description
221	Paved Ditches
601	Minor Structures - manholes, inlets, catch basins, junction boxes, pipe headwalls, and pipe collars.
605	Edge Drain and Underdrain Outlet Pads
606	Guardrail Anchors
607	Fence Post Footings
608	Sidewalks
609	Curb and Gutter
614	Driveways
616	Median and Island Pavement
630	Sign Footings, except Overhead Sign Supports

The material requirements for the above pay items are as follows:

1. Cement and aggregates for concrete items shall be from approved sources. Concrete shall be produced from a concrete batch plant which has a current plant calibration. The Project Engineer shall furnish plant inspection as deemed necessary for control. The producer shall furnish with each load of concrete a delivery ticket containing the following information:
    a. Project Number
    b. Class Concrete
    c. Weight of Cement
    d. Free Water in Aggregate (gallons)
    e. Weight of Fine Aggregate
    f. Weight of Coarse Aggregate
    g. Water in Mix (gallons)
    h. Number of Revolutions Mixed
    i. Time of Batching
2. The Contractor is required to submit mix designs to accomplish this work in accordance with Section 804.
3. A set of three cylinders, slump test, and air test will be performed on the first day of production for each mix design. The compressive strength test shall be the average of three cylinders.
4. An additional set of cylinders, slump test, and air test will be performed at a minimum of rate of one per 100 cubic yards of mix produced.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5866 LPA **CODE: (SP)**

DATE: 10/28/2015

SUBJECT: Payroll Requirements

Bidders are hereby advised that the Contractor and Subcontractor(s) are required to submit payroll information to the Project Engineers on a weekly basis.

On Federal-Aid Projects, LPA-880, LPA-881 and certified payroll submissions are required each week the Contractor or a Subcontractor performs work on the project. This is addressed in Section IV of Form FHWA-1273.

On State-Funded Projects, LPA-880 is required each week the Contractor or a Subcontractor performs work on the project.

When no work is performed on either Federal-Aid or State-Funded Projects, the Contractor should only submit LPA-880 showing no work activities.

The Contractor shall make all efforts necessary to submit this information to the Project Engineer in a weekly manner. The Engineer will have the authority to suspend the work wholly or in part and to withhold payments because of the Contractor's failure to submit the required information. Submission of forms and payrolls shall be current through the first full week of the month for the estimate period in order for the Project Engineer to process an estimate.

Bidders are advised to review the requirements regarding payroll submissions in Section 110 of the Standard Specifications.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904- NOTICE TO BIDDERS NO. 6000 LPA **CODE: (SP)**

DATE: **July 15, 2019**

SUBJECT: **Traffic Control Personnel Requirements**

Bidders are hereby advised that the Contractor's Traffic Control Supervisor, and the LPA's person (LPA staff, or CE&I Consultant) in responsible charge of the traffic control on the project submit to the training requirements set forth in section **618.01.2** of the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 7011 **CODE: (SP)**

DATE: **5/14/2021**

SUBJECT: **Contract Time**

PROJECT: FBLD-8769-00(001)LPA/108639-801000

The completion of work to be performed by the Contractor for this project will not be a specified date but shall be when all allowable working days are assessed, or any extension thereto as provided in Subsection 108.06.

The Notice of Award will be issued within 60 days of the bid opening date and the effective date of the Notice to Proceed / Beginning of Contract Time Date will be within One months following the Date of the Notice of Execution of Contract Letter. Should the Notice to Proceed / Beginning of Contract Time Date fall within the winter months of December, January, or February the Notice to Proceed/Beginning of Contract time will be March 1st.

The Contractor shall request a Notice to Proceed/Beginning of Contract Time date in writing after receiving the Notice of Execution of Contract Letter and the date requested should be within the One month period following the Date of the Notice of Execution of Contract Letter. The Contractor's written request for Notice to proceed Date should be given a minimum of seven (7) calendar days in advance of the Notice to Proceed requested. Should the Contractor request a Notice to Proceed earlier than stipulated above, and it is agreeable with the LPA for an early Notice to Proceed, the requested date will become the new Notice to Proceed date. Regardless of whether or not an early Notice to Proceed is granted, contract time will start at the original Notice to Proceed date.

139 Working Days have been allowed for the completion of work for the base phase of on this project.

A Preconstruction Conference as required by Subsection 108.03.2 should be held prior to commencement of any field work by the Contractor.

Any fabrication of needed materials can begin after the contract has been executed and submittals are approved.

Bidders are advised that if add options are present on the Progress Schedule provided within the Contract Documents, that careful consideration be given to the time associated with each add option. If any add options are selected by the LPA to be part of this project the time associated with the add option will be added to the project's contract time. The Contractor will be notified in writing the total Contract time at the time of the project award.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904- NOTICE TO BIDDERS NO. 7200

DATE: 10/20/2017

SUBJECT: Specialty Items

PROJECT: FBLD-8769-00(001)LPA / 108639-801000 -- Forrest County

Pursuant to the provisions of Section 108, the following work items are hereby designated as "Specialty Items" for this contract. Bidders are reminded that these items must be subcontracted in order to be considered as specialty items.

Category: Construction Staking

Pay Item	Description
699-A001	Roadway Construction Stakes

Category: Electrical

Pay Item	Description
907-259-F001	Weatherproof GFCI Receptacle
907-632-B007	Remove and Replace Existing Traffic Signal Cabinet Assembly, Type III Cabinet, Type I Controller
907-643-A003	Video Vehicle Detection Sensor, Type 3
907-643-B001	Video Vehicle Detection Cable
682-F001	Secondary Power Controller
L00034: 683-PP500	Lighting Assembly, Low Mast, Per Plans, Type A
L00034: 683-PP500	Lighting Assembly, Low Mast, Per Plans, Type B
L00034: 683-PP500	Lighting Assembly, Low Mast, Per Plans, Type C

Category: Concrete

Pay Item	Description
907-417-A001	Polymer Cement Surface System
907-616-C001	Colored and Imprinted Concrete Median and Island Pavement, 10-inch Thickness

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 7400 **CODE: (SP)**

DATE: 01/10/2022

SUBJECT: Cooperation Between Contractors

PROJECT: FBLD-8769-00(001)LPA/108639-801000

The Bidder's attention is hereby called to Subsection 105.07, Cooperation between Contractors, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction.

The Bidder is advised that an adjacent section of *Hall Avenue* is currently under construction at the *East* end of this project.

The Contractor shall cooperate in all respects and shall coordinate construction of all phases of work at the *East* end of this project with the Contractor of the adjacent project.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 8500 LPA **CODE: (SP)**

DATE: 12/18/2020

SUBJECT: Allowable Density Deviations on Non-Roadway Facilities

Bidders are advised that the Engineer may, at his discretion, allow minor deviations in density requirements, not more than five percent (5%), from the specified test values per the following equation:

Minimum allowable density = specified minimum density - allowable deviation

As an example, a new asphalt bike trail with a specified minimum asphalt density of 93% of maximum density and an allowed deviation of 5%, the in-place density at full pay could be 88% of maximum density.

This deviation shall only be allowed for items of work characterized as pedestrian facilities, such as Pedestrian Pathways, Bike Trails, and Multi-use Pathways, which are not part of the roadway structure.

Before allowable deviations are accepted, the Contractor shall have demonstrated during performance of the work and documented prior to payment of each monthly estimate for the work, good faith efforts to meet the original contract requirements. This documentation shall be presented in a manner acceptable to the Engineer. Any such acceptance will not relieve the Contractor from responsibility for maintenance of the work, until the release of maintenance.

If the deviation in density from the specified test values for the work exceeds five percent (5%), the work shall be removed and replaced by the Contractor at no expense to the LPA, their Consultant, MDOT, or FHWA.

SUPPLEMENT TO FORM FHWA-1273

DATE: 06/28/2019

SUBJECT: Federal **Contract Provisions for Subcontracts** and Cargo Preference Act

Federal Contract Provisions for Subcontracts

All subcontracts shall be in writing and contain all pertinent provisions and requirements of the prime contract.

Each "Request for Permission to Subcontract" (Mississippi Department of Transportation LPA Form RPS-1) shall include a copy of the subcontract. The federal contract provisions (FHWA-1273, SUPPLEMENT TO FORM FHWA-1273, NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246), DAVIS-BACON AND RELATED ACT PROVISIONS (WAGE RATES)) must be physically incorporated as part of the subcontract. A completed Mississippi Department of Transportation LPA Form NRAA-1 and LPA Form SCC-1 must be attached to the LPA Form RPS-1.

Cargo Preference Act

The Contractor is hereby advised of the requirements set forth in the following Attachment (Title 46 - Shipping) as it pertains to the implementation of Cargo Preference Act (CPA) requirements in the Federal-aid Highway Program.

By signing this contract, the Contractor agrees to conform to the requirements of the CPA.

Attachment

Title 46- Shipping

Volume: 8
Date: 2014-10-01
Original Date: 2014-10-01
Title: Section 381.7 - Federal Grant, Guaranty, Loan and Advance at Funds Agreements.
Context: Title 46- Shipping. CHAPTER II- MARITIME ADMINISTRATION, DEPARTMENT OF TRANSPORTATION. SUBCHAPTER J - MISCELLANEOUS. PART 381 - CARGO PREFERENCE-U.S.-FLAG VESSELS.

§ 381.7 Federal Grant, Guaranty, Loan and Advance of Funds Agreements.

In order to insure a fair and reasonable participation by privately owned United States-flag commercial vessels in transporting cargoes which are subject to the Cargo Preference Act of 1954 and which are generated by U.S. Government Grant, Guaranty, Loan and/or Advance of Funds Programs, the head of each affected department or agency shall require appropriate clauses to be inserted in those Grant. Guaranty$_1$ Loan and/or Advance of Funds Agreements and all third party contracts executed between the borrower/grantee and other parties, where the possibility exists for ocean transportation of items procured, contracted for or otherwise obtained by or on behalf of the grantee, borrower, or any of their contractors or subcontractors. The clauses required by this part shall provide that at least 50 percent of the freight revenue and tonnage of cargo generated by the U.S. Government Grant, Guaranty, Loan or Advance of Funds be transported on privately owned United States-flag commercial vessels. These clauses shall also require that all parties provide to the Maritime Administration the necessary shipment information as set forth in § 381.3. A copy of the appropriate clauses required by this part shall be submitted by each affected agency or department to the Secretary, Maritime Administration, for approval no later than 30 days after the effective date of this part. The following are suggested acceptable clauses with respect to the use of United States-flag vessels to be incorporated in the Grant, Guaranty, Loan and/or Advance of Funds Agreements as well as contracts and subcontracts resulting therefrom:

(a) *Agreement Clauses.* "Use of United States-flag vessels:

"(1) Pursuant to Pub. L 664 (43 U.S.C. 1241(b)) at least 50 percent of any equipment, materials or commodities procured, contracted for or otherwise obtained with funds granted, guaranteed, loaned, or advanced by the U.S. Government under this agreement, and which may be transported by ocean vessel, shall be transported on privately owned United States-flag commercial vessels, if available.

"(2) Within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (a)(1) of this section shall be furnished to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590."

(b) *Contractor and Subcontractor Clauses.* "Use of United States-flag vessels: The contractor agrees --

"(1) To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.

"(2) To furnish within 20 days following the date of loading for shipments originating within the United

States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b) (1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

"(3) To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract."

(Reorganization Plans No.21 of 1950(64 Stat. 1273) and No. 7 of 1961 (75 Stat. 840) as amended by Pub. L 91.469 (84 Stat 1036) and Department of Commerce Organization Order 10-8 (38 FR 19707, July 23, 1973)) (42 FR 57126, Nov. 1, 1977]

REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS

I. General
II. Nondiscrimination
III. Nonsegregated Facilities
IV. Davis-Bacon and Related Act Provisions
V. Contract Work Hours and Safety Standards Act Provisions
VI. Subletting or Assigning the Contract
VII. Safety: Accident Prevention
VIII. False Statements Concerning Highway Projects
IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
X. Compliance with Governmentwide Suspension and Debarment Requirements
XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding $10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding $2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 “Contract provisions and related matters” with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH–1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise

the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH–347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH–347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term “perform work with its own organization” refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost $25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1**. Instructions for Certification – First Tier Participants:**

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. “First Tier Covered Transactions” refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). “Lower Tier Covered Transactions” refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). “First Tier Participant” refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). “Lower Tier Participant” refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epls.gov/), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. **Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost $25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. “First Tier Covered Transactions” refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). “Lower Tier Covered Transactions” refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). “First Tier Participant” refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). “Lower Tier Participant” refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epls.gov/), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed $100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed $100,000 and that all such recipients shall certify and disclose accordingly.

NOTICE OF REQUIREMENTS FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.

2. The goal for female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work, is 6.9%.

Until further notice	Goals for minority participation for each trade (percent)
SHSA Cities:	
Pascagoula - Moss Point	16.9
Biloxi - Gulfport	19.2
Jackson	30.3
SMSA Counties:	
Desoto	32.3
Hancock, Harrison, Stone	19.2
Hinds, Rankin	30.3
Jackson	16.9
Non-SMSA Counties:	
George, Greene	26.4
Alcorn, Benton, Bolivar, Calhoun, Carroll, Chickasaw, Clay, Coahoma, Grenada, Itawamba, Lafayette, Lee, Leflore, Marshall, Monroe, Montgomery, Panola, Pontotoc, Prentiss, Quitman, Sunflower, Tallahatchie, Tate, Tippah, Tishomingo, Tunica, Union, Washington, Webster, Yalobusha	26.5
Attala, Choctaw, Claiborne, Clarke, Copiah, Covington, Franklin, Holmes, Humphreys, Issaquena, Jasper, Jefferson, Jefferson Davis, Jones Kemper, Lauderdale, Lawrence, Leake, Lincoln, Lowndes, Madison, Neshoba, Newton, Noxubee, Oktibbeha, Scott, Sharkey, Simpson, Smith, Warren, Wayne, Winston, Yazoo	32.0
Forrest, Lamar, Marion, Pearl River, Perry, Pike, Walthall	27.7
Adams, Amite, Wilkinson	30.4

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4.2(d). Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of $10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor, estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is to the county and city (if any), stated in the advertisement.

5. The notification required in Paragraph 3 shall be addressed to the following:

Contract Compliance Officer
Mississippi Department of Transportation
P.O. Box 1850
Jackson, Mississippi 39215-1850

"General Decision Number: MS20220131 01/07/2022

Superseded General Decision Number: MS20210131

State: Mississippi

Construction Type: Highway

County: Forrest County in Mississippi.

HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022, Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least $15.00 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022, Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least $11.25 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/07/2022

* ELEC0903-006 12/01/2019

	Rates	Fringes
ELECTRICIAN	$ 27.45	9.5%+5.52

SUMS2010-054 08/04/2014

	Rates	Fringes
CARPENTER (Form Work Only)	$ 12.00	0.00
CEMENT MASON/CONCRETE FINISHER	$ 11.54	1.63
HIGHWAY/PARKING LOT STRIPING: Truck Driver (Line Striping Truck)	$ 14.55	0.00
INSTALLER - SIGN	$ 12.19	0.00
INSTALLER: Guardrail	$ 12.39	0.00
IRONWORKER, REINFORCING	$ 16.44	0.00
LABORER: Common or General, Including Asphalt Raking, Shoveling, Spreading	$ 10.34	0.00
LABORER: Flagger	$ 11.42	0.00
LABORER: Grade Checker	$ 14.82	0.00
LABORER: Luteman	$ 12.88	0.00
LABORER: Mason Tender - Cement/Concrete	$ 10.57	0.00
LABORER: Pipelayer	$ 14.50	0.00
LABORER: Laborer-Cones/ Barricades/Barrels - Setter/Mover/Sweeper	$ 12.17	0.00
OPERATOR: Asphalt Spreader	$ 14.71	0.00
OPERATOR: Backhoe/Excavator/Trackhoe	$ 14.20	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader	$ 11.86	0.00
OPERATOR: Broom/Sweeper	$ 10.94	0.00
OPERATOR: Bulldozer	$ 13.99	0.00
OPERATOR: Concrete Saw	$ 13.93	0.00
OPERATOR: Crane	$ 14.80	0.00
OPERATOR: Distributor	$ 11.46	0.00
OPERATOR: Grader/Blade	$ 16.09	0.00
OPERATOR: Loader	$ 13.99	0.00
OPERATOR: Mechanic	$ 13.00	0.00
OPERATOR: Milling Machine	$ 16.96	0.00
OPERATOR: Oiler	$ 12.22	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete)	$ 11.56	0.00

OPERATOR: Roller (All Types)....$ 12.17 0.00

OPERATOR: Scraper.....$ 14.00 0.00

OPERATOR: Tractor.....$ 12.00 0.00

SURVEYOR (Staking, Marking
and Brush Clearing).....$ 11.56 0.00

TRUCK DRIVER: Flatbed Truck.....$ 14.72 0.00

TRUCK DRIVER: Lowboy Truck.....$ 14.18 0.00

TRUCK DRIVER: Mechanic.....$ 12.31 0.00

TRUCK DRIVER: Water Truck.....$ 17.08 0.00

TRUCK DRIVER: Dump Truck (All
Types).....$ 11.58 0.00

TRUCK DRIVER: Semi/Trailer
Truck.....$ 14.36 0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union, which prevailed in the survey for this classification, which in this example would be Plumbers 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can

be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Division National Office Branch of Wage Surveys. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-102-4 LPA **CODE: (SP)**

DATE: 06/30/2017

SUBJECT: Bidding Requirements and Conditions

Subsection 102.06--Preparation of Proposal. Delete the first, second, third and fourth paragraphs of Subsection 102.06 on page 15 and substitute the following:

The bidder's coplete original proposal shall be submitted upon the forms furnished by the Department and shall enter in a unit price and extension in the appropriate columns for each bid item exclusive of those items for which a fixed contract unit price and the extension are shown. Lump sum bid items are to be bid as an item total only since a unit price is not required. The bidder shall also enter where indicated the subtotal amount for each of the various divisions and the total amount of the proposal which shall also include the extensions of the items with a fixed contract unit price. In case of discrepancy between a unit price and the extension, the unit price will govern and the extension along with the total amount of the proposal will be corrected. All figures shall be in ink or typed.

Delete the first sentence of the ninth paragraph and add the following:

The bidders proposal must be signed with ink by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture, or by one or more officers of a corporation; or by an agent of the Contractor legally qualified to bind the Contractor and acceptable to the State.

Subsection 102.08--Proposal Guaranty. Delete the two paragraphs in Subsection 102.08 on page 17 and subsitute the following:

No proposal will be considered unless accompanied by certified check, cashier's check or bid bond, made payable to the LPA listed in the contract, in an amount of not less than five percent (5%) of the total amount of the proposal offered. The guaranty shall be evidence of good faith that, if awarded the contract, the bidder will execute the contract and give performance and payment contract bond(s) as stipulated in Subsection 103.05.1, 103.05.2, and as required by law.

If a bid bond is offered as guaranty, the bond must be on a form approved by the Chief LPA Official, made by a Surety acceptable to the Chief LPA Official and signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent and the Bidder. Such bid bond shall also conform to the requirements and conditions stipulated in Subsection 103.05.2 as applicable.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-105-1 **CODE: (SP)**

DATE: 05/07/2021

SUBJECT: Authority of the Engineer

Section 105, Control of Work, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-105.1--Authority of the Engineer. Delete the first sentence of the second paragraph of Subsection 105.01 on page 31, and substitute the following.

The Engineer has the right to suspend the work wholly or in part and to withhold payments because of the Contractor's failure to correct conditions unsafe for workmen or the general public, for failure to carry out provisions of the Contract, or for failure to carry out orders.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-107-2 **CODE: (SP)**

DATE: **01/31/2018**

SUBJECT: **Contractor's Erosion Control Plan**

Section 107, Legal Relations and Responsibility to Public, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-107.22--Environmental Protection.

907-107.22.1--Contractor's Erosion Control Plan (ECP). After the first sentence of the first paragraph of Subsection 107.22.1 on page 63, add the following.

The ECP shall be submitted electronically to the Project Engineer who will forward it to the appropriate MDOT Divisions.

Delete the example Narrative in Subsection 107.22.1 on page 65, and substitute the following.

EXAMPLE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
Storm Water Pollution Prevention Plan (SWPPP)
Narrative

General Permit Coverage No: MSR_____
Project Number: _____
County: _____
Route: _____

SITE INFORMATION

This project consists of grading and installing drainage structures necessary to construct approximately 6 miles of parallel lanes on SR 31 between the Hinds County Line and the Rankin County Line.

SEDIMENT AND EROSION CONTROLS

a) Vegetative Controls: Clearing and grubbing areas will be minimized to comply with the buffer zones (minimum of 15 feet along the ROW lines and 5 feet along creeks) as per the contract documents. A combination of temporary and permanent grassing will be used to protect slopes as construction progresses. **Should a disturbed area be left undisturbed for 14 days or more, placement of temporary BMPs (seeding & mulching, silt fences, basins, ditch checks, slope drains, etc.) or permanent erosion control measures (seeding & mulching, riprap, paved ditch, flumes, etc.) will be initiated by the next working day after the land disturbing activities have stopped.**

b) Structural Controls: Gravel construction entrance/exit will be installed near Stations 145+50, 159+50, 164+50 & 172+50. Riprap ditch checks will be constructed at Stations 144+50, 151+75, 162+00 & 166+25. The Concrete washout area will be at Stations 140+25, 152+00 & 168+50.

c) Housekeeping Practices: Structural BMPs will be cleaned out when sediment reaches 1/3 to 1/2 of the height of the BMP. Maintenance and repair of equipment will be performed off-site, material wash out will occur either off-site or within designated wash out areas.

d) Post-Construction Control Measures: As construction is completed, permanent vegetative growth will be established on disturbed soils to improve soil stability and provide a buffer zone for loose material. Paved ditches and flumes will be placed as specified in the ECP to reduce erosion in concentrated flow areas and rip rap will be placed as specified to dissipate flow energy and reduce flow velocity.

IMPLEMENTATION SEQUENCE

Perimeter controls will be installed first. Clearing and grubbing will be performed in 19-acre sections beginning at the BOP and temporary grassing will be installed as needed. Temporary erosion control BMPs will be installed at the drainage structures prior/during construction of the drainage structures. Grading activities will commence at the BOP and proceed towards the EOP, fill slopes will be permanently grassed in stages for fill heights that exceed 5 feet. Base materials will be installed on completed grading sections with the paving to follow.

MAINTENANCE PLAN

All erosion and sediment control practices will be checked for stability and operation following every rainfall but in no case less than once every week. Any needed repairs will be made immediately to maintain all practices as designed. Sediment basins will be cleaned out when the level of sediment reaches 2.0 feet below the top of the riser. Sediment will be removed from the front/upstream end of the BMPs when it becomes about 1/3 to 1/2 height of BMP.

_____ _____
Prime Contractor's Signature Date

_____ _____
Printed Name Title

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-108-4 **CODE: (SP)**

DATE: 10/07/2020

SUBJECT: Subletting of Contract

Section 108, Prosecution and Progress, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-108.01--Subletting of Contract.

907-108.01.1--General. Delete the third sentence of the tenth paragraph of Subsection 108.01.1 on the bottom of page 72.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-109-3 **CODE: (IS)**

DATE: **02/23/2021**

SUBJECT: **Measurement and Payment**

Section 109, Measurement and Payment, of the 2017 Edition of the Mississippi StandardSpecifications for Road and Bridge Construction is hereby amended as follows.

907-109.01--Measurement of Quantities. Delete the sixth full paragraph of Subsection 109.01on page 88, and substitute the following.

If appropriate based on the specific circumstances of the project, the Contractor may request that material specified to be measured by the cubic yard or ton be converted to the other measure. The Contractor must submit this request to the Engineer. The Engineer will provide an approval or denial in writing. The decision is in the sole discretion of the Engineer. If approved, factors for this conversion will be determined by the District Materials Engineer and agreed to by the Contractor. The conversion of the materials along with the conversion factor will be incorporated into the Contract by supplemental agreement. The supplemental agreement must be executed before such method of measurement is used.

907-109.04--Extra Work.

907-109.04.1--Supplemental Agreement. Delete the second paragraph of Subsection 109.04.1 on page 90.

907-109.06--Partial Payment.

907-109.06.2--Advancement on Materials. Delete the next to last paragraph of Subsection 109.06.2 on page 95, and substitute the following.

Materials for which an advanced payment has been allowed must be paid for by the Contractor within 30 days of the estimate on which the advanced payment was first allowed and proof of said payment must be verified by the supplier. If proof of payment is not furnished within the allowable 30 days, the advanced payment will be deducted on subsequent current estimates until such time that proof of payment is furnished.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-417-1 **CODE: (SP)**

DATE: 06/26/2019

SUBJECT: Polymer Cement Surface System

Section 907-417, Polymer Cement Surface System, is hereby added to and made a part of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows:

SECTION 907-417-POLYMER CEMENT SURFACE SYSTEM

907-417.01--Description. This work consists of furnishing labor, materials, and equipment required for the application of a polymer cement surface system (PCSS) on a prepared concrete surface. The polymer cement surface system shall provide skid and abrasion resistance, and the resulting surface may be patterned and/or monolithic as specified in the plans, or as directed by the Engineer.

907-417.02--Materials. Material for the PCSS shall meet the following requirements.

Properties	Test Value	Test Method
Compressive Strength, (28 days), psi, minimum	3,100	ASTM C 109
Tensile Strength, psi, minimum	700	AASHTO T 132
Bond Strength, psi, minimum	250	ASTM C 1583
Friction Number, minimum	45	AASHTO T 242
Length Change, percent, maximum	0.024	ASTM C 157

The Contractor shall furnish the Engineer with certified test reports showing that the material meets the requirements of the Specification.

When not installed by the Manufacturer, the Contractor performing the work shall be authorized by the Manufacturer to install the product. When someone other than the Manufacturer installs the product, the Contractor shall furnish the Engineer with an Authorized Applicator Certification or other documentation from the Manufacturer stating that the Contractor is certified to install the product.

A textured finished surface shall be required for the PCSS and shall be achieved with aggregate. Aggregate shall be selected such that it will produce a friction number of at least 45 in accordance with AASHTO: T 242 using a tire meeting the requirements of AASHTO: M 261. The Department will conduct a friction test within 30 days after installation to verify that the material meets a friction number of 45.

The color of the PCSS shall be similar to the color of the surface which it is to be applied and shall be approved by the Engineer prior to use. Any chemical admixtures and/or color pigments used, the dosage rates, and the conditions for use in the PCSS shall be approved by the Manufacturer.

The material shall be delivered to site in weatherproof containers and stored in a covered and ventilated location.

907-417.03--Construction Requirements.

907-417.03.1--Weather Limitations. The PCSS shall not be placed during periods of fog or rain. Should a rain event occur during installation, all operations shall cease and work shall not be resumed until dry conditions are present. Authorization to continue placement after a rain event shall be approved by the Engineer.

907-417.03.1.1--Cold Weather Limitations. The PCSS shall only be installed when the temperature of the concrete surface is at or above 50°F and expected to remain above 50°F for six (6) hours. There shall be no forecast ambient temperatures below 35°F within 24 hours from the time of placement. When the ambient temperature is below 50°F, but will remain above 40°F during PCSS installation, the PCSS can be placed only when Manufacturer approved accelerators are added to the mix and approval of the Engineer is obtained.

907-417.03.1.2--Hot Weather Limitations. The PCSS shall only be installed when the temperature of the concrete surface is at or below 130°F. When the ambient temperature exceeds 90°F, the use of cold water or ice should be considered for the blending operation at a rate approved by the Manufacturer. If the use of cold water or ice is not possible, then the use of a Manufacturer approved retarder may be permitted.

907-417.03.2--Surface Preparation. For proper adhesion, the concrete shall be dry, clean, and sound. Any spalls or failures in the concrete shall be repaired to the satisfaction of the Engineer and the Manufacturer. Cost of concrete repairs shall be included in the costs of the PCSS. The existing concrete shall be cleaned to a SSPC-SP13/NACE 6, Surface Preparation of Concrete, or better. The prepared surface shall be tested in accordance with ASTM C 1583 to assure proper adhesion. The minimum near-surface tensile strength of the substrate shall be 250 psi or failure in the substrate. If the test is being run on a concrete overlay that is to receive the PCSS instead of directly on the substrate, the failure mode shall also be 250 psi or failure in the substrate. Tests shall be conducted by the Contractor/Manufacturer in the presence of the Engineer. Upon successful completion of testing, the Contractor shall continue with mixing and placement as soon as possible to avoid contamination of the surface that may affect bonding of the PCSS to the concrete surface.

907-417.03.3--Mixing. The measuring and mixing operation shall be capable of producing a consistent homogeneous mix sufficient to maintain the production levels required for the work. The water and dry blend shall be charged into the mixer and blended to the desired consistency while maintaining effective temperatures to prevent flashing of the mix. Hand mixing in pails is not permissible.

907-417.03.4--Placing. The PCSS shall be uniformly deposited on the substrate by a device approved by the Manufacturer and Project Engineer, and have the capability of mixing the materials at a rate to ensure continuous application.

907-417.03.5--Base Coat. A base coat shall be applied to the prepared concrete surface at a rate recommended by the Manufacturer. Curing shall be required as recommended by the

Manufacturer prior to placing of the top coat. Once curing is complete, installation of the top coat shall begin immediately. There shall be no time differential between curing of the base coat and installation of the top coat.

907-417.03.6--Top Coat. A top coat shall be applied over the base coat. When a pattern is required, the pattern shall be specified in the plans. The combined cured thickness of the base coat and top coat should be between 1/8" and 3/16". The completed PCSS shall be tested to ensure proper bond strength with the substrate using ASTM C 1583, and the value obtained shall be a minimum of 250 psi or failure in the substrate.

907-417.03.7--Curing and Release to Traffic. Care shall be taken by the Contractor to protect the PCSS from traffic until the area is sufficiently cured. Curing time will vary depending on ambient and surface temperatures. At 70°F, curing time is approximately two (2) hours, with an increase in curing time as the ambient temperature decreases. The PCSS shall not be opened to traffic until it has reached a sufficient compressive strength such that the surface will not be damaged by vehicular traffic. A Manufacturer Representative, Certified Applicator, or the Engineer shall provide the final approval for release to traffic.

907-417.03.8--Equipment. Equipment used when installing the PCSS shall be designed for installing the material applied and suitable for use by the Manufacturer and Project Engineer.

907-417.03.9--Protection. Areas that are not to receive the PCSS shall be masked to protect the surfaces prior to application. The Contractor should also take the necessary precautions to protect other structures and the traveling public from any unwanted application.

907-417.03.10--Acceptance. The Contractor shall furnish a Manufacturer's certification stating that the material used is one acceptable for the product and the product has been installed in accordance with the Manufacturer's recommendations.

The Contractor shall furnish the Engineer with a test report verifying the results of ASTM C 1583 as addressed in Subsections 907-417.03.2 and 907-417.03.6.

When a component material, as indicated by a test result or poor performance, or the finished product indicate an inferior, unsatisfactory or unacceptable product, the work or materials shall be removed and replaced or otherwise corrected by the Contractor at no additional cost to the State in a manner satisfactory to the Engineer.

907-417.04--Method of Measurement. Polymer cement surface system will be measured by the square yard.

907-417.05--Basis of Payment. Polymer cement surface system, measured as prescribed above, will be paid for at the contract unit price per square yard, which price shall be full payment for all materials, tools, labor, testing, protection, and all incidentals necessary for completing the work.

Payment will be made under:

907-417-A: Polymer Cement Surface System - per square yard

CITY OF HATTIESBURG

SPECIAL PROVISION NO. 907-616-2 **CODE: (SP)**

DATE: 08/25/2009

SUBJECT: Colored and Imprinted Concrete Median and Island Pavement

Section 616, Median and Island Pavement, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as amended by this special provision is applicable to Colored And Imprinted Concrete only.

907-616.01--Description. This work consists of furnishing all labor, materials, tools, tests, royalties, services and other incidentals as may be required for the good and proper completion of the colored and imprinted concrete island and median pavement.

The locations for colored and imprinted concrete island and median pavement are shown on the plans, but generally are limited to all proposed concrete islands and concrete median end noses.

The Contractor is advised of additional notes on the plans which call attention to particular requirements or conditions regarding colored and imprinted concrete island and median pavement.

Quality Assurance. Installation shall be performed by an installer with at least one year experience in the placement of colored and imprinted concrete paving systems.

907-616.02--Materials. Colored concrete materials and imprinting tool release agents shall meet the following requirements.

A. Coloring Agents: Contractor may elect to color the concrete integrally, or may apply dry-shake to the surface of the freshly poured concrete. Whichever method is used, the coloring agent shall be a mineral oxide pigment approved by the Engineer.

   Colors for colored and imprinted concrete shall be selected by the Engineer from Standard or Designer color charts, or an approved manufacturer's color charts.

B. Curing and Finishing Material: Contractor shall utilize a color–matched curing and finishing material recommended by the manufacturer. Curing materials or methods for uncolored concrete shall not be used with Colored and Imprinted Concrete.

C. Release Agent: Contractor shall utilize a dry-shake powder to facilitate the release of the concrete imprinting tools. The color of the release agent shall match the selected main coloring agent chosen by the Engineer for the concrete.

D. Imprinting Tools: Tools shall be of high quality and shall provide uniform control of joint depth.

E. Imprint Tool Pattern: The imprint pattern to be used for all concrete imprinting shall be a 4" x 8" brick herringbone pattern, with a 4" x 8" matching soldier course border used along the perimeter of all proposed concrete islands and median end noses. The Contractor shall reference the plans for pattern layout and orientation of the imprint patterns.

Once the color, method of coloring, and the imprinting tools have received approval from the Engineer, the Contractor shall provide a 4-foot square test panel, separate from proposed island and median end nose areas, to be reviewed and approved by the Engineer. Engineer will evaluate color as compared to color chart and texture of broom finish.

Subsequent test panels may be required, if the finish, imprint quality, or color is unacceptable to the Engineer. The Contractor shall remove unaccepted test panels immediately from site. Accepted panel shall remain until all colored concrete islands and median end noses have been completed by the Contractor, at which time the Contractor shall then remove the acceptable test panel from the site.

907-616.03.4--Handling, Measuring, Proportioning, and Mixing Materials. Should an integral coloring method be selected by the Contractor, the Contractor shall mix coloring agent in strict accordance with the approved manufacturer's written instructions. Copies of the manufacturer's written instructions shall be furnished to the Engineer prior to manufacture and placement of colored concrete.

Should a dry-shake applied coloring method be selected by the Contractor, the Contractor shall measure and apply coloring agent in strict accordance with the approved manufacturer's written instructions. Copies of the manufacturer's written instructions shall be furnished to the Engineer prior to manufacture and placement of colored concrete.

907-616.03.4--Protection and Curing. Protection and curing materials and methods of application for colored and imprinted concrete shall be in strict accordance with the approved manufacturer's written instructions. Copies of the manufacturer's written instructions shall be furnished to the Engineer prior to manufacture and placement of colored concrete.

907-616.04--Method of Measurement. Colored and imprinted concrete median and island pavement, completed and accepted, will be measured by the square foot or square yard. Test panels will not be measured for separate payment.

907-616.05--Basis of Payment. Colored and imprinted concrete median and island pavement, measured as prescribed above, will be paid for at the contract unit price per square foot or square yard, which price shall be full compensation for all labor, tools, materials, equipment, test panels, placement of concrete, imprinting the concrete, and all incidental necessary to complete the work.

Payment will be made under:

907-616-C: Colored and Imprinted Concrete Median and Island Pavement, Thickness - per square foot or square yard

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-632-1 **CODE: (IS)**

DATE: 11/15/2017

SUBJECT: Traffic Signal Cabinet Assemblies

Section 632, Traffic Signal Cabinet Assemblies, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

Delete Section 632 on pages 517 thru 538, and substitute the following.

SECTION 907-632 - TRAFFIC SIGNAL CABINET ASSEMBLIES

907-632.01--Description. This work consists of furnishing, assembling, configuring and installing all component materials and software required to form completed traffic signal controller assemblies, closed loop master controller assemblies and signal system installation of the types specified, in conformity with these specifications, to ensure fully operational traffic signal installations as shown on the plans.

907-632.02--Materials.

907-632.02.1--Cabinet Assembly. Cabinet Assemblies shall meet the NEMA 3R requirements and be constructed principally of 0.125-inch thick, 5052-H32 aluminum. The aluminum shall have a mill finish per NEMA TS 2 7.7.3. Intermittent welds may be used for construction and any un-welded cabinet seams shall be sealed with clear RTV silicone. All external fasteners shall be stainless steel and no holes will be allowed in top of cabinet.

The door handles shall be stainless steel or cast aluminum. Door hinges shall be of the continuous type with a stainless steel hinge pin. Rivets are not be used to attach the hinge. The main door stop rod shall be constructed using stainless steel. The door stop mechanism shall be adjustable and capable of being securely latched in multiple opened positions including 90 degrees and a maximum of 120 degrees. The brackets attaching the stop rod to the door and cabinet shall be aluminum and welded in place. The main door cylinder lock shall be a #2 key type lock. Two (2) traffic industry standard No. 2 keys shall be provided with each cabinet and shall be made using heavy duty key blanks.

Extruded aluminum channels permanently attached to the right and left cabinet sides shall be provided for attaching adjustable shelving and mounting of other component panels. The cabinet shall have two (2) shelves installed. Both shelves shall be provided with the front edge pre-drilled with 0.25-inch holes located twelve (12) inches apart.

907-632.02.2--Physical Features.

907-632.02.2.1--Pull Out Drawer. A pull out drawer shall be installed and centered under the

bottom shelf. The drawer shall be made of 0.080-inch thick, 5052-H32 aluminum and come out on full extension drawer slides. The pull out drawer shall provide an approximate 16-inch x 14-inch working area and have the ability to bear a constant 25 pound burden. There shall be a compartment for document storage. The lid shall be hinged at the rear, to gain access to the storage area. The drawer will be used to store documents as well as support a notebook computer. The drawer slides shall be of the full extension ball bearing type. Dimensions of the drawer shall be large enough to support a notebook computer and a drawer of sufficient size to hold at least two (2) copies of the cabinet drawings and other related cabinet documentation. The surface of the lid shall have a non-slip surface.

907-632.02.2.2--Cabinet Lighting. Cabinets shall be provided with a minimum of two (2) white light LED modules. One (1) lighting module shall be installed along the front top section of the cabinet and the second lighting module shall be installed underneath the bottom cabinet shelf in such a location as to provide direct lighting of the load bay area of the cabinet but must not interfere with the cabinet drawer operation.

Both LED lighting modules shall be controlled by a NEMA rated, commercial quality, pushbutton door switch. The cabinet lighting shall turn on when the cabinet main door is opened and shall turn off when the main door is closed or an ON/OFF NEMA rated, commercial quality, toggle switch mounted on the inside cabinet door service panel shall be provided to turn both LED lighting modules on or off.

907-632.02.2.3--Police Panel Switches. Police panel switches shall be provided with all controller cabinets. All switches shall be hard wired and labeled as to their function.

NORMAL-FLASH: When this switch is in the FLASH position, all signal indications shall transfer to the flashing mode. AC power shall be removed from the load switches when the signal indications transfer to the flashing mode.

The controller unit shall operate in accordance with appropriate specifications during the flashing mode. When the switch is placed in the NORMAL position, transfer from the flash mode to normal operation shall be made in accordance with uniform code flash requirements.

SIGNAL ON-OFF: AC power shall be removed from the signal heads and the intersection will become dark when this switch is in the OFF position.

MANUAL CONTROL ON-OFF: When this switch is in the ON position, a logic ground shall be applied to the manual control enable input of the controller unit.

INTERVAL ADVANCE INPUT JACK: A manual jack shall be installed on the police panel. The jack shall inter-mate with a 3-circuit, ¼-inch diameter phone plug. The tip and ring (middle) circuits of the jack shall be connected to the logic ground and the interval advance inputs of the controller unit. When the manual hand cord is plugged into the jack and the pushbutton is pressed, logic ground shall be connected to the interval advance input of the controller unit.

When specified in the contract documents, an interval advance cord shall be provided. The cord

shall have a minimum length of three (3) feet. It shall have a ¼-inch diameter, three circuit plug connected to one end and a manual pushbutton enclosed in a hand-held enclosure at the other end. A complete cycle (push-release) of the manual pushbutton shall terminate the controller unit interval which is active except the vehicular yellow and red clearance intervals. Cycling the push-button during the vehicular yellow or all red clearance intervals shall not terminate the timing of those intervals.

907-632.02.2.4--Service Panel Switches. Service panel switches shall be hard wired and clearly labeled to identify as to their functions. Service panel switches shall be mounted on the service panel located on the inside of the main cabinet door. Alternate switch locations may be described in the plans or contract documents but final switch design and location shall be approved by the Engineer prior to cabinet fabrication.

NORMAL-FLASH: When this switch is in the FLASH position, all signal indications shall transfer to the flashing mode. AC power shall be removed from the load switches when the signal indications transfer to the flashing mode.

The controller unit shall operate in accordance with appropriate specifications during the flashing mode. When the switch is placed in the NORMAL position transfer from the flash mode to normal operation shall be made in accordance with uniform code flash requirements.

CONTROLLER ON-OFF: When this switch is in the OFF position, AC power shall be removed from the controller. When this switch is returned to the ON position, the controller unit shall perform normal start up functions and resume normal operation in accordance with the applicable specification.

STOP TIME-RUN-NORMAL: A 3-position manual switch shall be provided which places the controller into Stop Time mode manually or through remote input.

VEHICLE DETECTORS: A 3-position switch shall be provided for each vehicle and pedestrian detector circuit. All switches shall be located on a panel mounted on the inside of the main cabinet door. The switch panel shall be labeled CALL SWITCH. Labeling of phase number and intended function (vehicles or pedestrian calls) shall be provided for each switch.

The vehicle detector switch functions are defined as follows:

Locked Call	Call is continually placed into the controller unit.
Off (center)	Vehicle detector is connected to the controller unit vehicle detector input, i.e. normal detector operation.
Momentary Call	Call is continuous as long as the switch is manually held in this position.

907-632.02.2.5--Police and Service Panel Locations. The police and service panels shall be constructed of 5052-H32 0.125-inch thick aluminum.

The police panel shall be located behind the police door which is enclosed within the main door.

The police door shall be hinged and provided with a neoprene gasket seal. Access to any portion or equipment contained behind the main cabinet door shall not be accessible through any part of the police panel. The police panel shall be of appropriate dimensions to accommodate all switch or devices described within this specification, the plans or contract document. The police door shall be provided with a treasury #2 key type lock and two (2) keys for the police door lock shall be provided with each cabinet.

The service panel shall be mounted on the inside portion of the main cabinet door, adjacent to the back side of the police panel or on the left hand side of the cabinet.

907-632.02.2.6--Cabinet Ventilation. Cabinets shall be vented to allow dissipation of the heat generated by the equipment contained within. All cabinets shall have a thermostatically controlled exhaust fan located at the top of the cabinet that is capable of 100 cubic feet per minute air displacement. The thermostat shall be mounted on the inside top of the cabinet and shall have a nominal temperature range from 80°F to 170°F.

The intake vent shall be louvered or equivalent design to prevent rain infiltration. The vent area will be located along the bottom portion of the cabinet door. A 16-inch x 12-inch x 1-inch disposable pleated air filter shall be provided on the inside portion of the cabinet and shall fully cover the vent area.

907-632.02.2.7--Air Filter Assembly. Air filters shall be one piece and shall be held firmly in place against the cabinet door in order to prevent dust from bypassing the perimeter of the filter and shall fully cover the vent area. Wing nuts or thumbscrews are preferred. Air filter shall be a 16-inch x 12-inch x 1-inch disposable pleated filter.

907-632.02.2.8--Cabinet Sizes.

907-632.02.2.8.1--Type I Cabinet. A Type I cabinet, 51"H x 30"W x 18"D, may be used for both pole and base mounted cabinets that require a maximum eight (8) position load bay. Pole mounted cabinets do not require rear access.

907-632.02.2.8.2--Type II Cabinet. A Type II cabinet, 51"H x 36"W x 18"D, may be used for both pole and base mounted cabinets that require a maximum twelve (12) position load bay. Pole mounted cabinets do not require rear access.

907-632.02.2.8.3--Type III Cabinet. A Type III cabinet, 56"H x 44"W x 27"D, shall be used for base mount installations and shall require a sixteen (16) position load bay and rear access door.

907-632.02.2.8.4--Type IV Cabinet. A Type IV dual chamber cabinet, 56"H x 57"W x 29"D, shall be used for base mount installations and shall require a sixteen (16) position load bay, rear access door, and external generator plug. When called for in the plans, a UPS shall be housed inside this cabinet.

907-632.02.2.8.5--Type V Cabinet. A Type V cabinet, 77"H x 44"W x 27"D, shall be used for base mount installations and shall require a sixteen (16) position load bay and rear access door.

907-632.02.3--Power Distribution Panel. The power panel shall be wired to provide the necessary power to all equipment. It shall be manufactured from 0.125-inch thick, 5052- H32 aluminum. The power panel shall house the following components: Main Breaker, Auxiliary Breakers, and Terminal Block. The panel shall be of such design so as to allow a technician to easily access the main and auxiliary breakers.

A 3-position terminal block with a removable insulated cover accepting up to AWG #4 stranded wire shall be supplied for accepting only the incoming power lines. This terminal block shall be in advance of and supply only the 30-amp main breaker, 10-amp and 5-amp Auxiliary breakers, AC neutral buss and earth ground buss.

907-632.02.3.1--Ground and Neutral Busbars. Cabinet grounding shall meet the requirements set forth in Subsection 722.09 for grounding and ground rods. A solid copper ground busbar shall be mounted on the side of the cabinet wall adjacent to the power panel for the connection of chassis ground wires. If more than one (1) ground busbar is used in a cabinet, a minimum of an AWG #6 copper wire shall be used to bond them.

The copper ground busbar shall have a minimum of thirteen (13) connector points, each capable of securing at least one (1) AWG #6 conductor.

A solid copper neutral busbar shall be mounted on the side of the cabinet wall adjacent to the power panel for the connection of AC neutral wires.

The copper neutral busbar shall have a minimum of thirteen (13) connector points, each capable of securing at least one (1) AWG #6 conductor.

907-632.02.3.2--Terminal Strips. Conductors shall be terminated on terminal strips with insulated terminal lugs. When two (2) or more conductors are terminated on field wiring terminal strip screws, a terminal ring lug shall be used for termination of those conductors. The voltage and current rating of terminal strips shall be greater than the voltage and current rating of the wire which is terminated on the terminal strip.

907-632.02.3.3--Cabinet Receptacles. A 3-wire 115 Volt AC (15A) Ground Fault Circuit Interrupt (GFCI) duplex receptacle shall be provided in the cabinet for maintenance use. It shall be securely mounted near the bottom right side of the cabinet and easily accessible.

Two (2) 3-wire 115 Volt AC (15A) non-GFCI protected outlets shall be installed, one on each side of the cabinet. These two (2) outlets are used for communication or other auxiliary equipment.

907-632.02.3.4--Operating Line Voltage. All equipment shall be designed to operate from a 120 volt, 60 cycle AC supply. Operation shall be satisfactory at voltages from 105 volts to 130 volts. All operating voltages into and out of the controller shall be NEMA level DC voltages except for the controller AC power source (Connector A, Pin p – AC-Control and Pin U – AC Common).

907-632.02.3.5--Circuit Breakers. Circuit breakers shall meet the requirements set forth in

Subsection 722.07. A 30-amp main breaker, with a minimum of 10,000 amp interrupting capacity, shall be provided for all cabinets to supply power to the controller, MMU, signals, and rack power supply.

Two (2) auxiliary breakers shall be provided. The first breaker, 10-amp, shall supply power to the fan, light, GFCI utility receptacle and two (2) auxiliary standard receptacles. The second breaker, 5-amp, shall be installed to supply power for the Controller Unit and MMU2. The above circuit breakers line side shall be jumpered together and will be fed from an external main circuit. A third 5-amp breaker shall be required if an ITS camera panel is called for in the plans.

907-632.02.3.6--Main Line Arrestors. Surge protection shall be provided that meets the requirements set forth in Subsection 722.12. A main line arrestor shall be provided to reduce the effects of voltage transients on the AC power line. It shall be installed after the circuit breaker. The main line arrestor shall be sufficient to protect all equipment and devices as per the plans and the following minimum specifications.

- Multi-stage Hybrid Design
- Series induction filtering
- Thermally protected Metal Oxide Varistors (TMOV's)
- Operating Voltage: 120 VAC
- Clamping Voltage: 395 VAC
- Operating Current: 15 A
- Peak Surge Current: 50 kA/Mode, 100 kA/Phase
- Operating Frequency: 47-63Hz
- EMI Attenuation: 40 dB Typ
- SPD Technology: TMOV's w/ W-C Filter
- Modes of Protection: L-N, L-G, N-G
- Status Indication: Power On & TMOV's Functional
- Connection Type: ¼-20 Stainless Steel Stud
- Operating Temperature: -40°F to +185°F

907-632.02.3.7--Solid State Main Line Relay (SSR). A normally-open, 75-amp, hybrid SSR shall be provided on the power distribution panel. The relay shall include a LED indicator to verify circuit power.

907-632.02.4--Terminal Facilities Board. The Terminal Facility shall be a hardwired load bay for NEMA TS 2 Type 1 actuated controllers. The load bay shall include either eight (8), twelve (12) or sixteen (16) load switch positions, as specified by the plans, and shall be centered along the back of the cabinet below the bottom shelf.

All wires terminated behind the backboard, as well as any additional panels, shall be soldered. No pressure or solderless connectors shall be used, unless they are soldered to the wire and tab after connection.

907-632.02.4.1--Load Switches and Flashers. Solid State Load Switches, compatible with low

wattage LED signals, shall be provided for the sequence called for on the plans. The load switch sockets shall be wired for triple-signal load switches conforming to NEMA TS 1-1994 and NEMA TS 2-2003 requirements.

The flasher socket shall be wired for and provided with a Type 3, two (2) circuit Solid State Flasher conforming to NEMA TS 1-1994 and NEMA TS 2-2003 requirements. It shall be possible to flash either the amber or red indication on any load switch outputs. It shall be possible to easily change the flash indication from the front side of the panel using readily available tools such as a screwdriver. A nominal flash rate of 50 to 60 FPM shall be provided. Flash rate shall be stable when used with generators or inverters.

Support(s) shall be provided to support the Flasher and Load Switches at some point approximately half of the total length from the panel surface. Sufficient area beneath the Load Switch or Flasher shall be clear in order to allow for free flow of air across the Load Switches or Flasher. Load Switches and Flashers must be provided with LED indicator lights on the side facing the cabinet door.

907-632.02.4.2--Flash Transfer Relay. All flash transfer relays, as a minimum, shall meet NEMA TS 1 requirements. The number of relays that shall be supplied with each cabinet shall accommodate the number of signal phases as indicated in the project plans. The coil of the flash transfer relay must be de-energized for flash operation.

907-632.02.5--Cabinet Wiring. Controller cabinets shall be wired in accordance with the signal phasing plans. If phases are indicated as omitted for future use, or if phases are not shown to be used in the plans, the cabinet shall be wired for use of the phases shown as future or unused. Load Switches shall not be provided for future or unused phases.

Wiring in the cabinets shall conform to the requirements of the National Electrical Code (NEC) and all of these specifications. All conductors in the cabinet shall be stranded copper. All wiring shall be laced. All wiring shall be in accordance as specified by Section 636 and Subsection 722.03 for Electric Cable and IMSA Specification 19 and/or 20 for Signal Wiring.

Connector harnesses for controller, conflict monitor, vehicle detectors, and accessory equipment (including NEMA defined Card Rack with power supply and pre-wired optical detection slots) shall be provided and wired into the cabinet circuitry. Connecting cables for controller and conflict monitor harnesses shall be sleeved in a braided mesh. All wires shall be securely terminated on terminal strips. The lay of the interconnect cable between the components must be such that when the door is closed, it does not press against the cables or force the cables against the various components inside the cabinets.

All communication wiring shall be bundled and routed independently of all other wiring. All live conductors shall be covered with suitable insulating material. All equipment grounds shall run directly and independently to the grounding bus.

All wires shall be cut and terminated as close as possible to the proper length before assembly. Consideration of equipment location adjustments must be made when determining appropriate

wire lengths. Excessive lengths of wire or cable shall not be allowed. All line voltage conductors used in controller cabinet shall conform to the following color code:

AC Neutral: White
AC Hot: Black
Safety Ground: Green

907-632.02.5.1--Signal Terminal Arrestor Grounding Bar. A field terminal arrestor grounding bar shall be provided along the back portion of the cabinet for the installation of signal arrestors. This bar shall be attached using an AWG #10 stranded copper to the earth ground circuitry.

907-632.02.5.2--Signal Terminal Arrestors. The field terminal arrestor shall be a three (3) circuit protective device intended for use on traffic control load relay outputs. The arrestor shall be furnished with three (3) leads and a grounding stud which will be used to attach the arrestor to the grounding bar. The field terminal arrestor shall meet the following minimum specifications:

- Operating Voltage: 120 VAC
- Clamping Voltage: 475 VAC
- Peak Surge Current: 10 kA
- Operating Frequency: 47 – 63 Hz
- SPD Technology: MOV's
- Connection Type: Wire Leads
- Lead Wire: 14 AWG 12" Length
- Ground Stud: 10 x 32 5/8" Length
- Operating Temperature: -40°F to +185°F

907-632.02.6--Accessory Components.

907-632.02.6.1--Traffic Actuated Controller Unit. The fully actuated controller unit shall, at a minimum, meet the requirements of both NEMA TS 1–1989 and NEMA TS 2-2003 requirements for actuated controller units. The controller shall be of the TS 2 Type 2 configuration. The controller shall be provided with the multiple communication interface devices or properties as defined below.

- 10 Base-T Ethernet with front panel RJ-45 connector
- IEEE defined MAC address
- EIA-232 port
- External Serial Fiber options for both single and multi-mode (optional as per plans)
- External FSK 1200 bps modem (optional as per plans)
- D connector with 37 pin configuration for TS 1 compatibility
- USB port for signal controller database upload/download to the controller flash
- Controller
- ECOMM Compatible

The controller unit must have an alphanumeric backlit LCD display with a minimum of sixteen

(16) lines at 40 characters per line. The controller must be air-cooled with sufficient ventilation openings and capable of operating between -30°F and 165°F. The controller unit must be provided with a time-of-day clock, automatic daylight savings time adjustment and a power supply for maintaining SRAM during a power outage. The controller unit shall be capable of being used in a Closed-Loop System and must be capable of operating in the role of master controller in a Closed Loop System. The controller unit firmware shall be fully compatible with the Department's existing Traffic Signal Management Software. The Contractor shall ensure all controller firmware versions are compatible with the existing Traffic Signal Management Software that the Regional Department staff currently utilizes prior to submitting the controller for approval. The Contractor shall notify the Department if any special controller configuration or firmware is needed prior to submitting the controller for approval based on project requirements.

Where Flashing Yellow Arrow (FYA) operations are being used, all traffic signal controller firmware shall be capable of delaying the onset of the flashing yellow arrow.

All operator entered data shall be stored and backed up on to a flash memory device provided with the controller unit at no cost. This flash memory device shall require no battery to support value storage. No internal components of circuitry shall require battery support. The database shall be able to be backed up to a USB drive via the USB drive on the controller.

Traffic Actuated Controllers shall be of the Type shown on the plans. Type 1 Controllers shall have a Linux based processor and a minimum of one (1) USB port. Type 2 Controllers shall have the same features as Type 1 Controllers with the addition of an ATC backplane.

Type 3 Controllers shall have all features of the Type 2 Controller with the addition of the ATC module. All three (3) types of actuated controllers shall have Master controller capability, and if required shall be designated with 'M' in the plans.

907-632.02.6.2--Closed Loop Master Controller Unit. When called for in the plans, this work also consists of furnishing, installing and configuring the equipment, software and accessories necessary to connect one (1) traffic Closed-Loop Master Controller to its corresponding central or portable PC-based Traffic Computer Facility Control System via a communications connection. The communications or network connection device will be either existing or provided by the Contractor.

907-632.02.6.2.1--General. The Master shall monitor intersections in the system, display status and operational state and provide traffic flow data from intersection vehicle detectors. The Master shall include all communications equipment and software necessary to provide reporting to a remote terminal as well as upload/download of all local intersection data and provide timing synchronization. Communications to local controllers from the Master and from the Master to the central-office computer facility shall be by FSK, 900 MHz Radio, Broadband Radio, Serial Fiber, Ethernet, Fiber, Cell Modem or Leased Line, as indicated in the plans. The Master shall be able to run on the same controller simultaneously operating the intersection, with the local signal control software, on any given controller unit.

907-632.02.6.2.2--System Configuration. The system architecture shall be designed to minimize

the effect of equipment failures on system operation and performance. The system consists of four (4) principal elements:

- Local System Intersection Controllers
- Communication (Telemetry Links)
- On-Street Master(s)
- Central-Office Computer Software

907-632.02.6.2.3--Local System Intersection Controller. The local system intersection controllers connected to the Master controller unit shall be capable of controlling a fully actuated two (2) to sixteen (16) phase intersection and shall meet or exceed NEMA TS 1-1989 and TS 2-2003 standards for fully actuated traffic control units. The local controller shall have internal communication capability with direct access to the data memory. The local system controller shall be capable of processing controller and detector data and provide all necessary intersection control functions. The local system intersection controller shall meet the requirements of the Traffic Actuated Controller Unit.

907-632.02.6.2.4--Communications (Telemetry) Links. The communications links for the "Closed-Loop" System shall perform the following functions:

- Provide the medium (radio/fiber/hardwire/etc.) for two-way communications between the On-Street Master and the local intersection controllers.
- Provide the medium for two-way communication between the On-Street Master and the central-office computer facility.
- Error checking shall be included in both mediums to assure transmission and reception of valid data.

907-632.02.6.2.5--On-Street Master. The On-Street Master may be located at an intersection and connected via the communication network to at least 32 local intersection controllers. The Master shall be capable of implementing Traffic Responsive Control, Time Base Control, Manual Control or Remote Control modes of operation.

Analysis of sampling sensor data from at least 64 system detectors and corresponding selection of the best Traffic Responsive timing pattern shall be provided by the On-Street Master during the Traffic Responsive mode of operation.

Automatic and continuous monitoring of system activity shall be provided by the On-Street Master to include both Master and intersection alarm conditions.

System parameter entry shall be provided via the On-Street Master including all Master and local intersection assignment and group parameters. Master parameters shall include:

- System coordination setup and pattern data entry by group
- System time base event scheduler
- System traffic responsive computational and pattern selection setup by group
- Intersection system group and detector assignments

The On-Street Master shall provide comprehensive system report generation including, as a minimum: system, intersection, detector and failure status and history reports in addition to system performance reporting.

A RS-232C interface shall be provided on the On-Street Master to allow for printing of reports or for interconnecting to a remote central site.

To enhance overall system operation and increase system management flexibility, the On- Street Master shall also support two-way dial-up communications to a central office computer for control, monitoring, data collection and for timing pattern updating purposes, all from a remote central office location. Continuous, seven (7) days/week - 24 hours/day, system monitoring shall be enhanced by the On-Street Master's capability to automatically dial-up the central office computer upon detection of user defined critical alarm conditions.

907-632.02.6.2.6--System Functional Requirements.

907-632.02.6.2.6.1--Operator Interface. In order to provide ease in programming and operation, the system shall provide a simplified user-friendly menu format at each local, master and central office facility. No special programming skills shall be required for the user to fully access and operate this control and monitoring system at any level.

All programming, both of the local intersection controllers and the On-Street Master(s) shall be via a front panel keyboard and display, driven by English Language menus. All data change entries will be automatically verified against established ranges prior to acceptance to prevent programming data errors. Data access shall be controlled by user- definable access controls.

907-632.02.6.2.6.2--System Traffic Control. The system shall have the capability of controlling a minimum of sixteen (16) vehicle phases and eight (8) pedestrian phases. The system shall have the capability of implementing a minimum of four (4) timing rings, fifteen (15) alternate sequences, and sixteen (16) offsets.

The system shall provide the capability of selecting any of the following operational modes on a group basis:

- Traffic Responsive
- Time Base (Time-of-Day/Day-of-Week)
- Remote (External Command)
- Manual (Operator Entry)

The system shall be capable of implementing system FLASH and system FREE operation. The system shall have the capability to command, on/off based on time, up to eight (8) independent special functions.

907-632.02.6.2.6.3--Detectors. The system shall have the capability of accepting and processing data from at least 632 system detectors for Traffic Responsive program selection.

907-632.02.6.2.6.4--Pattern Selection. In addition to providing Manual and Remote program selection capability, the Master shall provide for Traffic Responsive and Time Base modes of operation for timing pattern selection.

907-632.02.6.2.6.4.1--Traffic Responsive Mode. Traffic plan selection in the Traffic Responsive mode shall be user-enabled and supplied with the controller, per the plans and specifications. The pattern selection shall be based on sampling detector volume and occupancy analysis by the On-Street Master.

907-632.02.6.2.6.4.2--Time Base Mode. The system shall provide the capability of implementing time-of-day, day-of-week and week-of-year control for each of the two (2) groups using an internal time clock referenced to the 60-Hz AC power line frequency for its time base. The Time Base mode shall contain automatic adjustment for leap year and daylight savings time changes.

The system Time Base mode shall provide, as a minimum, 100 events each capable of requesting any of the 48 traffic control patterns along with Traffic Responsive override enable or auxiliary events consisting of enable/disable any of up to four (4) system-wide special functions and setting sample and log interval time periods.

907-632.02.6.2.6.5--System Control Priority. The system coordination control (program-in-effect) for each group shall be selected on a priority basis. The priority from highest to lowest shall be as follows:

- Manual Control Entry
- External Control (Remote Command)
- Time Base Control (Time-of-Day/Day-of-Week) (Traffic Responsive control will prevail whenever Traffic Responsive Override Enable is active and the selected cycle length is greater than that being commanded by Time Base)
- Traffic Responsive Control

907-632.02.6.2.6.6--Measures of Effectiveness. The system shall have the capability to report selected Measures of Effectiveness (MOE's) on an intersection basis. MOE calculations shall be made on all phases by the local system intersection controller and as a minimum shall include measures such as: volume, number of stops, delays and green utilization. These measures shall be calculated on the basis of the active timing plan. Alternate ways of reporting MOE'S may be approved on a case-by-case review.

907-632.02.6.2.6.7--Uploading and Downloading. The system shall provide, for any selected local system intersection controller, the capability of uploading and downloading any or all, new or modified local intersection parameters from the central-office computer and the Department Central Traffic Signal Management Software, and shall include, as a minimum, all: Phase Timing and Unit Data; Coordination Data, Time Base Data; Preemption Data, System Communication Parameters, System Traffic Responsive Data, and any other System Data residing at the intersection such as Detector Diagnostic Values, Report Parameters and Speed Parameters.

During either uploading or downloading operations, normal traffic control operations shall not be suspended. All data shall be continually accessible and may be displayed at the On- Street Master or the central office computer.

907-632.02.6.2.6.8--System Monitoring and Diagnostics. The system shall automatically and continually monitor system activity and log/report occurrences of Master and intersection alarm conditions. All alarm condition events shall include at the intersection, (Master and central-office computer) an alpha-numeric description of the event as well as the time and date of occurrence.

As a minimum, monitored master alarms conditions shall include:

- Insufficient or Improper Data
- Failed Computational Channels
- Failed System Detectors
- Intersection Communication Failure
- Failed Controllers
- Minimum of six (6) special user defined alarms for user application flexibility
- Monitored intersection alarms conditions shall include as a minimum:
- Cycle Faults and Failures
- Coordination Failures
- Voltage Monitor
- Conflict, Local and Remote Flash Conditions
- Preempt
- Local Free
- Minimum of six (6) special user defined alarms for additional user flexibility.

When the Master detects a critical alarm condition, as defined by the user, it shall automatically dial-up the central office computer and report the condition. On a BUSY or NO ANSWER, the system may be programmed, at user option, to alert a secondary computer.

The system shall also automatically and continually monitor, verify and attempt to correct Sync Pulse, Time Base Clock and Pattern-In-Effect. The system shall provide capabilities to perform diagnostics on system and local detectors, communications and intersection operations. When a fault has been detected, an indication shall be provided. It shall be possible to isolate the fault to the failed unit from controls and indicators available on the Master unit. Auxiliary equipment such as a data terminal or CRT shall not be required to identify the failure.

907-632.02.6.2.6.9--Real Time Display. The Master shall provide for any selected local system intersection controller, real-time status information on its front panel. Real-time intersection status information shall include simultaneous display of: vehicle and pedestrian signal and detector status by phase, overlap signal status and cars waiting count by phase. Real-time controller status information shall include simultaneous display of: two (2) Ring Active timers, On/Next, Call/Recall and Hold/Omit Status by phase, Coordination, Preempt and Stop Time Status.

907-632.02.6.2.6.10--System Management. The system, without hardware changes but with its

ability to directly modify Master and intersection parameters, shall provide the user system configuration and operational controls of the following functions: add/delete controllers and system detectors, enable Traffic Responsive mode, assign intersections to groups, assign system detectors to computational channels and channels to pattern select routines, and assign special and/or standard detectors as system detectors for use with computational channels or to track activity.

907-632.02.6.2.6.11--System Logging and Reports. The system shall automatically and continually process system data and log/report on occurrence of changes in intersection status, system detector status, communications status, controller status and local detector status in addition to system program changes, Traffic Responsive computations, measures of effectiveness and performance.

907-632.02.6.2.6.12--Security. The On-Street Master shall provide for a user-specified security code entry before any data may be altered. In order to view any parameter, security code entry shall not be required. Security access shall be automatically rescinded approximately ten (10) minutes after either access was gained or the last parameter change was entered. The Master and local controller shall have the ability via keyboard to disable security code requirements, allowing for perpetual access without requiring hardware changes.

907-632.02.6.2.7--Design Characteristics. The On-Street Master shall be designed to operate in either an office or field environment and shall be suitably housed in a separate enclosure or in a local intersection cabinet. The Master shall be designed to meet the following electrical and mechanical requirements:

907-632.02.6.2.7.1--Programming and Security. Operator programmable data entry shall be accomplished through panel keyboard(s). The Master shall prevent the alteration of keyboard set variables prior to the user having entered a specific access code through the keyboard. The Master shall maintain user-programmable variables in non-volatile memory with a battery-backed RAM to assure continued efficient system operation.

907-632.02.6.2.7.2--Test and Repair. To enhance maintenance and trouble-shooting activities, On-Street Masters shall include resident diagnostics as a standard. No extender- cards, special tools or PROMs shall be necessary to fully maintain these components. The Master unit design shall ensure that all printed circuit boards be readily accessible for maintenance testing purposes. All fuses, connectors and controls shall be accessible from the front of the Master unit.

907-632.02.6.2.8--Traffic Signal System Software. All Traffic Signal System Software shall be compatible with the latest version of the Department's existing Master and local controllers and existing Traffic Signal Management Software for the Department region.

907-632.02.6.2.8.1--Traffic Signal Closed Loop Software. The Traffic Signal Closed-Loop Software shall provide the ability to manage Master and local controller databases including the uploading and downloading of data parameters. The software shall provide status information and provide reporting capabilities for Master and local controller data, alarms and logs.

907-632.02.6.2.8.2--Traffic Signal System Workstation Software. The Traffic Signal System Workstation shall provide the ability to manage Master and local controller databases including the uploading and downloading of data parameters. The software shall provide status information and provide reporting capabilities for Master and local controller data, alarms and logs.

The Traffic Signal System Workstation Software shall also be capable of operating as a network-connected user workstation to existing centralized signal systems and their associated databases.

When disconnected from the centralized signal system, the software shall be capable of running as a standalone system similar to the Closed-Loop Software. Under this mode, the software shall provide management, report and status functions for Master and local controllers. Under Standalone Mode of operation the software shall allow for its own database(s) for data management without the need for connecting to a centralized signal system database.

907-632.02.6.2.9--Services. Technical services shall be provided, as required, to assist in installation and initial setup of the Closed-Loop Master System and its sub-components. Technical assistance with database migration and/or setup, as well as the development of graphics (such as master maps and local intersection depictions) and the assignment of associated attributes such as detectors, phasing, signals, etc., shall be provided as required. Additionally, training shall be provided on a basic or advanced target user level, as required.

907-632.02.6.3--Malfunction Management Unit (MMU2). The Malfunction Management Unit (MMU2) shall be a shelf-mountable, sixteen (16) channel, solid-state, IP addressable MMU. The MMU2 shall accomplish the detection of, and response to, improper and conflicting signals and improper operating voltages in a traffic signal controller assembly, including support for four (4) section Flashing Yellow Arrow (FYA) left turn displays. The MMU2 shall be capable of running a minimum of twelve (12) different modes of FYA operation.

The MMU2 shall meet or exceed Section 4 requirements of the NEMA Standards Publication No. TS 2-2003 including NEMA TS 2 Amendment #4-2012 and provide downward compatibility to NEMA Standards Publication No. TS 1-1989: Type 12 Operation, in addition to those specifications set forth in this document.

The MMU2 shall include a graphics based Liquid Crystal Display (LCD) to view the current monitor status and navigate the unit's menus. An RJ-45 Ethernet Port shall be provided for communications.

A built-in Diagnostic Wizard shall be provided that displays detailed diagnostic information regarding the fault being analyzed. This mode shall provide a concise view of the signal states involved in the fault, pinpoint faulty signal inputs and provide guidance on how the technician should isolate the cause of the malfunction. The Diagnostic Wizard shall be automatically invoked when the MMU2 is in the fault mode and the HELP button is pressed. It shall also be automatically invoked when the MMU2 is in the Previous Fail (PF) event log display and the HELP button is pressed.

A built-in Setup Mode shall be provided that automatically configures the Dual Indication Enable, Field Check Enable, Red Fail Enable and Minimum Yellow Plus Red Clearance Enable parameters from user input consisting only of channel assignment and class (vehicle, ped, pp-turn, FYA, etc.) responses.

The MMU2 shall be capable of operating in the Type 12 mode with SDLC communications enabled on Port 1. The Channel Status display shall operate in the Type 12 configuration and provide the Field Check function for up to four (4) Pedestrian Walk inputs.

In the interest of reliability and repair ability, printed circuit board mounted MS connectors shall not be acceptable. Internal MS harness wire shall be a minimum of nineteen (19) strand AWG 22 wire.

907-632.02.6.4--NEMA defined Card Rack and Power Supply. A minimum of one (1) NEMA compliant detector card rack with five (5) slot positions (first slot for power supply and four (4) available slots) shall be provided in each cabinet. The detector rack shall be installed on the bottom shelf of the cabinet. The power supply for the NEMA defined card slots shall be provided as a 175W minimum with four (4) independent regulated channels of 24 VDC each rated at 0.75 amps over the full NEMA operating temperature range of -30°F to +165°F. The output should be regulated to 24 VDC +/- 15%. Each of the four (4) outputs shall be independently fused, each with a separate LED for displaying output and fuse status for each of the four (4) outputs. Each of the four (4) outputs shall be protected against voltage transients by a minimum 1500 watt suppressor. All card racks shall be wired for the type detection shown in the plan sheets.

Card Guides shall be provided on the top and bottom of the card rack for each connector position.

907-632.02.6.5--In-Cabinet Network.

907-632.02.6.5.1--Communications Arrestor. The Controller Cabinet network shall consist of an SDLC connection between the Controller Unit and MMU2. Surge suppression for this network shall meet the requirements set forth in Subsection 722.12 and the following minimum requirements below:

- Operating Voltage: 5 VDC
- Clamping Voltage: 8 VDC
- Operating Current: 1.5 A
- Peak Surge Current: 47 A (10x1000 μs)
- Frequency Range: 0 to 20 MHz
- Insertion Loss: < 0.1 dB at 20 MHz
- SPD Technology: SAD
- Connection Type: DB-15
- Operating Temperature: -40°F to +185°F

907-632.02.6.6--System Communications.

907-632.02.6.6.1--Traffic Signal Ethernet Switch. When specified in the plans or contract

documents, a traffic signal Ethernet switch shall be installed in the cabinet assembly. It shall meet the requirements for the type specified in Section 907-663. Ethernet patch cables of sufficient length shall be provided for all supplied Ethernet ready cabinet components. The switch and all components shall be connected and configured.

907-632.02.6.6.2--Fiber Optic Patch Panel. When specified in the plans or contract documents, fiber optic attenuator patch cords shall be installed in the cabinet assembly as specified in Section 907-661.

907-632.02.6.6.3--Wireless Communications. When specified in the plans or contract documents, wireless communication components shall be installed in the cabinet assembly and shall be as specified in Section 907-662.

907-632.02.6.6.4--Serial Port Server or Terminal Server. When specified in the plans or contract documents, serial port servers shall be installed in the cabinet assembly and shall be as specified in Subsection 907-663.02.2.

907-632.02.6.6.5--GPS Clock. This work includes furnishing a Global Positioning System (GPS) Synchronization clock that can be used to sync the internal clocks in traffic signal controllers when coordination is desired, but communication is not necessary. The GPS Clock System shall provide GPS based time and date synchronization to provide coordination of traffic controllers to a common time base. The system shall process GPS Time data using a tamper/vandal resistant GPS antenna and correct for Time Zone, Daylight Savings Time, Leap Years, and GPS Leap Seconds. The processed time information shall be sent to the traffic controller in the native format for the respective controller. A contact closure synchronization pulse with variable pulse width shall be available for a once per day update. If the GPS antenna is blocked for up to one (1) hour prior to scheduled time of synchronization, the system shall synchronize the traffic controllers with less than 0.4 seconds variance from the accuracy provided under normal operation with GPS satellites in view.

- The GPS Clock shall also meet the following minimum specifications:
- Input Voltage: 9-24 VDC
- Current Draw: 150 mA (max) at 12 VDC: 125 mA (max) at 24 VDC
- Contact Closure: 750 mA at 30 VDC
- Temperature Rating: -29.4°F to +167°F

GPS unit shall be mounted to the traffic signal controller cabinet as per the manufacturer's recommendation. Any and all holes created in the cabinet for the purpose of mounting the GPS unit shall be sealed to the satisfaction of the Engineer at no direct pay.

907-632.02.6.6.6--Power-Over-Ethernet Arrestor. Surge suppression that meets the requirements set forth in Subsection 722.12 shall be provided. In addition, the following minimum specifications shall be supplied for loads that require Power-Over-Ethernet with isolated shielded or non-shielded cable:

- Operating Voltage: 48 VDC
- Clamping Voltage: 68 VDC
- Operating Current: 0.75 A per Pin Continuous
- Peak Surge Current: 10 kA
- Insertion Loss: < 0.1 dB
- SPD Technology: GDT, SAD, with series PTC
- Modes of Protection: All Lines (1-8) Protected (L-L) and (L-G): Signal High- Low; High-Ground; Low-Ground
- Transmission Speeds: 10BaseT; 100BaseT; 1000BaseT
- Connection Type: RJ-45
- Operating Temperature: -40°F to +185°F

907-632.02.7--Detector Panel. A vehicle detector harness shall be provided to connect the detector panel to the card rack. The detector panel shall accept the connection of sixteen (16) field loop inputs and four (4) pedestrian detector inputs.

907-632.02.7.1--Detector Input Arrestors. Field Loop and Pedestrian input arrestors shall meet the requirements set forth in Subsection 722.12. Field loop arrestors shall have differential and common mode protection and be provided with the following minimum specifications:

- Operating Voltage: 75 VDC
- Clamping Voltage: 130 VDC
- Peak Surge Current: 250 A
- SPD Technology: Silicon Break-Over
- Operating Temperature: -40°F to +185°F

Pedestrian input arrestors shall be a four (4) circuit device provided with the following minimum specifications:

- Operating Voltage: 30 VDC
- Clamping Voltage: 36 VDC
- Operating Current: 0.15 A
- Peak Surge Current: 10 kA (8 x 20 μs)
- Frequency Range: 0 to 20 MHz
- Insertion Loss: < 0.1 dB at 20 MHz
- SPD Technology: GDT, SAD, with Series PTC
- Connection Type: Terminal Block with compression lugs; Terminals accept up to
- 10 AWG
- Operating Temperature: -40°F to +185°F

907-632.02.8--System Detectors. The controller shall have the ability to receive input data from up to eight (8) special system detectors in addition to the normal actuated controller unit phase detectors. The user shall have the option to assign any of the phase detectors as "system detectors".

907-632.02.9--Preemption. The cabinet shall be completely wired to accept and service calls from preemption phase selector modules, associated optical detector units and GPS units. Optical detector units and GPS unit cabinet components shall be as specified in Section 639. Provision for two (2) standard card modules shall be accommodated in a separate card rack for preemption. The preemption card rack shall provide a minimum of eight (8) channels.

Provisions shall also be made in the cabinet to accommodate Railroad Preemption when specified in the plans or contract documents. Railroad Preemption shall meet the requirements set forth in Section 639. While it is not necessary that a Railroad Preemption interface board be provided with the cabinet, the cabinet and back panel shall be designed so that a Railroad Preemption interface panel that uses a relay to isolate the track switch from the controller cabinet circuitry can be installed. Preempt 1 and 2, in the case of gate down preemption, shall be reserved for Railroad Preemptions; all subsequent preemptions shall be reserved for Emergency Vehicle, Fire Station, or Police Preemption.

907-632.02.10--Uninterruptable Power Supply. When specified in the plans or contract documents an Uninterruptable Power Supply (UPS) System shall be installed in the cabinet assembly. The UPS shall be installed in the cabinet and meet the requirements set forth in Section 633.

907-632.02.11--Power Service Pedestal. A Power Service Pedestal shall be provided as described in Section 631.03.2.

907-632.03--Construction Requirements.

907-632.03.1--Mounting. Traffic Signal Cabinet Assemblies shall be wall or pole mounted, base mounted on a concrete cabinet pad, or base mounted using a composite enclosure as specified below and as shown in the plans.

Power Service Pedestal shall be base mounted on a concrete cabinet pad or on a composite enclosure as specified below and as shown in the plans.

907-632.03.1.1--Wall or Pole Mounted. Wall or pole mount hardware shall be provided for mounting cabinets in specific installations as indicated in the design plans. Wall or pole mounted cabinets shall be manufactured with rigid tabs, rigid brackets or other acceptable configuration for attachment of the cabinet to the wall or pole support. Rigid attachment devices must allow for field alignment of cabinet to the wall or pole support.

907-632.03.1.2--Concrete Cabinet Pad. Concrete foundations shall be constructed of Class B concrete in specific installations as indicated in the design plans.

Cabinets for installation on a concrete base shall be manufactured with rigid tabs, rigid brackets or other acceptable configuration for attachment of the cabinet bottom to its flat support structure. Rigid attachment devices must allow for field alignment of cabinet with the support base. Concrete base construction details shall be provided in the design plan drawings.

907-632.03.1.3--Composite Enclosure. Cabinets for installation on a composite enclosure base shall be manufactured with rigid tabs, rigid brackets or other acceptable configuration for attachment of the cabinet bottom to its' flat support structure. Rigid attachment devices must allow for field alignment of cabinet with the composite enclosure. Composite enclosure attachment details shall be provided as shown in the plans.

907-632.03.2--Documentation. Documentation packages shall be delivered for each unit at the same time as the equipment to which it pertains.

A minimum of two (2) sets of complete schematic drawings and equipment documentation shall be supplied with each cabinet. The first copy shall be placed in a clear re-sealable print pouch of sufficient size to accommodate one (1) complete set of folded cabinet prints and placed in the pull-out drawer of the cabinet and the second copy shall be provided to the Department. Comprehensive controller data shall be included as part of the cabinet documentation package and shall be placed in the cabinet drawer pouch. Digital copies of all cabinet documentation shall be provided to the Department before final acceptance.

The documentation packages shall contain a schematic wiring diagram of the controller cabinet assembly and all auxiliary equipment. The schematic wiring diagram, including a symbols legend, shall show in detail all integrated circuits, transistors, resistors, capacitors, inductors as well as switches and indicators. All parts shown shall be easily identified on both in the cabinet and on the schematic diagram. Model numbers shall be used on schematic diagram when available.

A complete physical description of the signal cabinet assembly shall be provided to include at least the physical dimensions of the unit, weight, temperature ratings, voltage requirements, power requirements, material of construction, and complete performance specifications.

A complete set of operation guides, user manuals, and performance specifications shall be provided.

Detailed programming instructions, preventative maintenance requirements, and troubleshooting procedures shall also be provided for the controllers. These documents shall fully cover all programming procedures and programmable options capable of being made to the controllers and associated traffic control equipment. Instructions for modifications within the range of the capabilities of the unit such as changes in phases or sequences and programming matrix boards shall be included.

An intersection diagram shall be provided on the cabinet door showing geometric configuration, lane use assignments, controller cabinet and signal pole locations, vehicle and pedestrian signal head locations, vehicle and pedestrian detector zone locations, ring-barrier phasing diagram, and detector channel assignments. The intersection diagram shall be labeled with, at a minimum, a North Arrow, main street name(s), side street name(s), signal pole numbers, vehicle and pedestrian head type(s), detector zone designations, volume density and phase recall requirements, flash sequence. All field wires within the cabinet shall be labeled to coincide with those shown on the intersection diagram.

907-632.04--Method of Measurement. Traffic Signal Cabinet Assembly will be measured as a unit per each.

Remove and Replace Existing Traffic Signal Cabinet Assembly will be measured as unit per each.

Modify Existing Traffic Signal Cabinet will be measured as a unit per each.

Solid State Traffic Actuated Controller, of the type specified in the project plans, will be measured as a unit per each.

Signal Software License, of the type specified in the project plans, will be measured as a unit per each.

Malfunction Management Unit, of the type specified in the project plans, will be measured as a unit per each.

Card Rack, of the type specified in the project plans, will be measured as a unit per each.

GPS Clock, as specified in the project plans, will be measured as a unit per each.

Power Service Pedestal, as specified in the project plans, will be measured as a unit per each.

All pay items shall be inclusive of all materials, work, system integration, testing and incidentals necessary for a complete and operable unit in place and accepted. All removal, turn on, and acceptance of equipment, devices, traffic signals, and traffic signal assemblies shall follow Section 631 - Traffic Signal Systems-General prior to payment.

907-632.05--Basis of Payment. Traffic Signal Cabinet Assembly, measured as prescribed above, will be paid for at the contract unit price per each for each type(s) specified in the contract, which price shall be full compensation for furnishing, installing, configuring, wiring, testing, and mounting foundation construction, cabinets, relays, terminals, circuit breakers, modules, coordination and time base control programs, connectors wiring, overlap equipment, load switches, power cables, power supplies, controller mechanism and housing, MMU2, mounting material, all other materials, and all equipment, labor, tools, and incidentals necessary to complete the work.

Remove and Replace Existing Traffic Signal Cabinet Assembly, measured as prescribed above, will be paid for at the contract unit price per each for each type(s) specified in the contract, which price shall be full compensation for furnishing, installing, configuring, wiring, testing, cabinets, relays, terminals, circuit breakers, modules, coordination and time base control programs, connectors wiring, overlap equipment, load switches, power cables, power supplies, controller mechanism and housing, MMU2, mounting material, all other materials, removal, disposal, transfer, storage, and/or resetting of components that are existing, all other components included in the traffic signal cabinet, and all equipment, labor, tools, and incidentals necessary to complete the work.

Modify Existing Traffic Signal Cabinet, measured as prescribed above, will be paid for at the

contract unit price per each, which price shall be full compensation for furnishing, installing, configuring, and mounting all components, wiring, and devices; rewiring, reconfiguring, removal, disposal, transfer, storage, and/or resetting of existing components and devices, installing or changing coordination and time base control programs in the traffic signal cabinet assemblies, testing, final cleanup, all equipment, labor, tools, and incidentals necessary to complete the work.

Solid State Traffic Actuated Controller, measured as prescribed above, will be paid for at the contract unit price per each for each type(s) specified in the contract, which price shall be full compensation for all labor, equipment, tools, materials inclusive of the controller mechanism(s) and housing(s), all power cables, power supplies, wiring, factory and manufacturing inspection, attachment hardware, testing, storage, packaging, shipping, warranty, and all work, equipment, and appurtenances, and all incidentals necessary to provide a fully functional traffic controller ready for use. It shall also include all documentation including operations and maintenance manuals and other material necessary to document the operation of the traffic controller.

Signal Software Licenses, measured as prescribed above, will be paid for at the contract unit price per each for each type(s) specified in the contract, which price shall be full compensation for all labor, equipment, tools, materials inclusive of furnishing, installing and configuring the Signal Software, all power cables, power supplies, wiring, factory and manufacturing inspection, testing, storage, packaging, shipping, warranty, appurtenances, and all incidentals necessary to provide fully functional Signal Software ready for use. It shall also include all documentation including operations and maintenance manuals and other material necessary to document the operation of the Signal Software.

Malfunction Management Unit, measured as prescribed above, will be paid for at the contract unit price per each for each type(s) specified in the contract, which price shall be full compensation for all labor, equipment, tools, materials inclusive of furnishing, installing and configuring the Malfunction Management Unit (MMU2), all power cables, power supplies, wiring, attachment hardware, factory and manufacturing inspection, testing, storage, packaging, shipping, warranty, and all work, equipment, and appurtenances, and all incidentals necessary to provide a fully functional Malfunction Management Unit (MMU2) ready for use. It shall also include all documentation including operations and maintenance manuals and other material necessary to document the operation of the Malfunction Management Unit (MMU2).

Card Rack, measured as prescribed above, will be paid for at the contract unit price per each for each type(s) specified in the contract, which price shall be full compensation for all labor, equipment, tools, materials inclusive of furnishing, installing and configuring the Card Rack, all power cables, power supplies, wiring, attachment hardware, factory and manufacturing inspection, testing, storage, packaging, shipping, warranty, and all work, equipment, and appurtenances, and all incidentals necessary to provide a fully functional Card Rack ready for use. It shall also include all documentation including operations and maintenance manuals and other material necessary to document the operation of the Card Rack.

GPS Clock, measured as prescribed above, will be paid for at the contract unit price per each for each type(s) specified in the contract, which price shall be full compensation for all labor, equipment, tools, materials inclusive of furnishing, installing and configuring the Global

Positioning System (GPS) Clock(s), all power cables, power supplies, wiring, attachment hardware, factory and manufacturing inspection, testing, storage, packaging, shipping, warranty, and all incidentals necessary to provide a fully functional GPS Clock ready for use. It shall also include all documentation including operations and maintenance manuals and other material necessary to document the operation of the GPS Clock.

Power Service Pedestal, measured as prescribed above, will be paid for at the contract unit price per each for each type(s) specified in the contract, which price shall be full compensation for furnishing, installing, configuring, wiring, testing, and mounting foundation construction, cabinets, circuit breakers, connectors wiring, mounting material, all other materials, and all equipment, labor, tools, and incidentals necessary to complete the work.

Payment will be made under:

907-632-A:	Solid State Traffic Signal Cabinet Assembly, Type __ Cabinet, Type __ Controller	- per each
907-632-B:	Remove and Replace Existing Traffic Signal Cabinet Assembly, Type __ Cabinet, Type __ Controller	- per each
907-632-C:	Modify Existing Traffic Signal Cabinet Assembly	- per each
907-632-D:	Solid State Traffic Actuated Controller, Type ____	- per each
907-632-E:	Single-user Workstation Signal Software License	- per each
907-632-F:	Single-user Server Signal Software License	- per each
907-632-G:	Malfunction Management Unit	- per each
907-632-H:	Card Rack, ___ Position	- per each
907-632-I:	GPS Clock	- per each
907-632-J:	Power Service Pedestal	- per each

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-637-3 **CODE: (IS)**

DATE: **05/25/2021**

SUBJECT: Traffic Signal Conduit and Pull Boxes

Section 637, Traffic Signal Conduit and Pull Boxes, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-637.02--Materials.

907-637.02.1--Pull Box / Enclosures. Delete the first sentence of the second paragraph of Subsection 637.02.1 on page 558, and substitute the following.

For grade level pull boxes and enclosures only, Tier 22 (22,500-pound design load, 33,750-pound test load) enclosures with minimum size dimensions as shown in the detail drawings on the plans shall be installed for use in traffic signal construction. Enclosure boxes shall be open bottom.

Delete the fourth sentence of the second paragraph of Subsection 637.02.1 on page 558.

907-637.03--Construction Requirements.

907-637.03.1--Pull box/Enclosures. Delete the sixth sentence of the first paragraph of Subsection 637.03.1 on page 559, and substitute the following.

Enclosures located in soil or sodded areas shall be installed with a supporting poured concrete collar or approved composite collar assembly, as shown by details on the plans.

907-637.03.2.1--Conduit Duct Bank. Delete the first sentence of subparagraph a) under Bored or drilled conduit in Subsection 637.03.2.1 on page 560, and substitute the following.

All conduits under railroad tracks shall be horizontal directional bored or drilled at a minimum of ten (10) feet below the railroad bed, or as required by the Railroad Company.

Delete Subsections 637.03.2.4 and 637.03.2.5 on pages 561 & 562, and substitute the following.

907-637.03.2.4--Blank.

907-637.03.2.5--Blank.

After Subsection 637.03.2.7 on page 563, add the following.

907-637.03.3--Submittals. The submittal requirements defined in the Notice to Bidders entitled "ITS General Requirements" shall be met if the NTB is included as part of the Project Proposal

and Contract Documents. In all cases, submittals shall be thorough and timely. All costs associated with submittals shall be included in the overall contract price; no separate payment will be made for any documenting and submitting.

907-637.03.4--Quality Assurance. The quality assurance requirements defined in the Notice to Bidders entitled "ITS General Requirements" shall be met if the NTB is included as part of the Project Proposal and Contract Documents. In all cases, the Contractor shall conduct, maintain, and leave the worksite in a professional and organized manner. All costs associated with the quality assurance requirements shall be included in the overall contract price.

907-637.04--Method of Measurement. Delete subparagraphs a) and b) in Subsection 637.04 on page 563, and substitute the following.

a) From center to center of pull box and/or foundation.
b) Any above ground vertical conduit runs, as indicated in the plans. Measurement in underground conduit is only in the horizontal plane and no additional quantity shall be added for conduit depth or change in elevation of the conduit.

907-637.05--Basis of Payment. Delete the first, second, third, fourth and fifth paragraphs of Subsection 637.05 on page 564, and substitute the following.

Pull Box Enclosures, measured as prescribed above, will be paid for at the contract unit price per each, which price shall be full compensation for furnishing all materials including the cover, installing, crushed gravel underlayment, poured concrete collars, replacement of sod or existing grassing, final clean-up and for all equipment, all documentation and submittals, tools, labor and incidentals necessary to complete the work and quality assurance.

Conduit / Duct Bank, measured as prescribed above, will be paid for per linear feet, which price shall be full compensation for all materials, equipment, labor, trenching, installing, backfilling trench, plowing, directional boring, restoration, marking tape, pull tape, duct plugs, fittings, testing, bore logs, all documentation and submittals, and all other incidentals necessary for the installation and quality assurance of the conduit system.

Rigid Galvanized Steel, measured as prescribed above, will be paid for per linear feet, which price shall be full compensation for all materials, equipment, labor, all documentation and submittals, all related materials including but not limited to couplings, mounting straps, bonding to ground, etc., that is installed on sign structures, poles or between the pull boxes, and all other incidentals necessary for the installation and quality assurance of the conduit system.

Duct Plugs and Sealant will be included in the cost of the conduit and will not be measured separately.

Delete the pay items listed on page 564 and substitute the following.

907-637-A: Pull Box Enclosure, Type - per each

907-637-B:	Pull Box Enclosure, Structure Mounted, Type	- per each
907-637-C:	Traffic Signal Conduit, Underground, Type, Size	- per linear foot
907-637-D:	Traffic Signal Conduit, Underground Drilled or Jacked, Type, Size	- per linear foot
907-637-E:	Traffic Signal Conduit, Structural Conduit, Type, Size	- per linear foot
907-637-F:	Traffic Signal Conduit, Aerial Supported, Type, No, Size	- per linear foot
907-637-G:	Traffic Signal Conduit, Underground Encased in Concrete, Type, Size	- per linear foot
907-637-H:	Traffic Signal Conduit Bank, Underground, Type, No., Size	- per linear foot
907-637-I:	Traffic Signal Conduit Bank, Underground Drilled or Jacked, Type, No., Size	- per linear foot
907-637-J:	Traffic Signal Conduit Bank, Structural Conduit, Type, No., Size	- per linear foot
907-637-K:	Traffic Signal Conduit Bank, Aerial Supported, Type, Size and Number	- per linear foot

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-643-3 **CODE: (IS)**

DATE: **09/20/2021**

SUBJECT: **Video Vehicle Detection**

Section 643, Video Vehicle Detection System, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

Delete Section 643 on pages 601 thru 628, and substitute the following.

SECTION 907-643 - VIDEO VEHICLE DETECTION

907-643.01--Description. This section specifies the minimum requirements for Video Vehicle Detection (VVD) and Multi-Sensor Vehicle Detection (MSVD) furnished and installed in accordance with the design(s) for the location(s) designated on the project plans, in any related notice to bidders, or as directed. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, test, and operate VVD and/or MSVD. The video vehicle detection system shall at a minimum use one or more cameras recommended by the manufacturer or an integrated thermal sensor and video analytics hardware and software to detect vehicle presence, provide a detection output, and generate volume, occupancy, and speed data.

Type 1 Video Vehicle Detection will provide presence or pulse detection of vehicles, bicycles, and pedestrians for Traffic Signal Controller inputs. There are two variations of Type 1 Video Vehicle Detection: Type 1A – camera with independent video detection processor, Type 1B – a single integrated camera with video detection processor. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, and test the Video Vehicle Detection equipment, complete and ready for service.

Type 2 Video Vehicle Detection will provide presence or pulse detection of vehicles, bicycles, and pedestrians for Traffic Signal Controller inputs. Type 2 Video Vehicle Detection shall be designed to be span wire mounted. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, and test the Video Vehicle Detection equipment, complete and ready for service.

Type 3 Video Vehicle Detection will provide presence or pulse detection and tracking of vehicles, bicycles, and pedestrians for Traffic Signal Controller inputs. Type 3 Video Vehicle Detection shall be a single fish-eye lens camera, designed to be mounted on signal pole or mast arm. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, and test the Video Vehicle Detection equipment, complete and ready for service.

The Multi-Sensor Vehicle Detection (MSVD) will provide detection of vehicles on a roadway using a Multi-Sensor Detection for Traffic Signal Controller inputs. The Multi-Sensor shall utilize two (2) different sensors of different technologies, video imaging and radar, to detect and track vehicles. The module shall process information from both video imaging and radar sensors simultaneously in real-time. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, and test the Multi-Sensor Vehicle Detection equipment, complete and ready for service.

907-643.02--Materials.

907-643.02.1--Materials Type 1 Video Vehicle Detection. The Type 1 Video Vehicle Detection shall consist of power supply, video camera, mounting brackets, and lightning protection as recommended by the manufacturer, video detection processors/extension modules capable of processing the number of camera and phase combination video sources shown on the project plans or in the purchase order. In addition, Type 1B Video Vehicle Detector shall consist of a single integrated camera with video detection processor, a cabinet interface which mounts in a standard detector rack or as a standalone shelf mount unit.

907-643.02.1.1--Functional Requirements for Type 1 Video Vehicle Detection. The Type 1 Video Vehicle Detection configuration shall utilize video processors with one or more video inputs and one (1) video output, responding to specific site applications, camera locations and detection zones shown on the project plans. Video processors or interface modules shall be provided which plug directly into NEMA TS 1 and TS 2 detector racks without adapters. Extension modules which allow detection zones from one camera to be routed to other card slots shall also be providedif required. The system shall be Ethernet compatible with an RJ45 port. The Type 1 Video Vehicle Detection shall be able to detect vehicles and bicycles in multiple lanes using only the video image.

907-643.02.1.2--Interface Type 1 Video Vehicle Detection. The following interfaces shall be provided:

1) Video inputs that accept RS 170 (NTSC) signals from an external video source. A BNC type interface connector shall be provided and located on the front of the video processing unit.
2) A LED indicator to indicate the presence of the video signal. The LED shall illuminate upon valid video synchronization and turn off when the presence of a valid video signal is removed.
3) One (1) video output per processor module. The video output shall be RS 170 compliant and shall pass through the input video signal. The video output shall have the capability toshow text and graphical overlays to aid in system setup. The overlays shall display real- time actuation of detection zones upon vehicle detection or presence. Control of the overlays and video switching shall also be provided through the serial communications port.The video output interface connector shall be BNC or RCA type. If RCA connector is used,an RCA to BNC adapter shall be provided.
4) A serial communications port on the front panel. The serial port shall be compliant with RS-232 or RS-422 electrical interfaces and shall use a DB9 or RJ45 type connector. The serial communications interface shall allow the user to remotely configure the system and/orto extract calculated vehicle/roadway information.
5) Interface software. The interface protocol shall support multi-drop or point-to- multipoint communications. Each video detection sensor shall have the capability to be individually IP addressable either built in or with third party video server units.
6) Open collector contact closure outputs meeting NEMA TS-2 requirements. The open collector output will be used for vehicle detection indicators as well as discrete outputs for alarm conditions.
7) LED status indicators on the front panel. The LED's shall illuminate when a contact closure

output occurs. Provide one output LED for each contact closure output.

8) A mouse compatible port (PS-2 or USB) on the front panel of the video processing unit. The mouse port shall be used as part of the system setup and configuration.
9) A Cabinet Interface shall be provided that is specifically designed to mount in a standard NEMA TS 1 and TS 2 detector rack without adapters or rewiring, or as a stand-alone shelf mount unit. The Interface shall operate in a temperature range from -31°F to +165°F and a humidity range from 0% to 95% relative humidity. The Cabinet Interface shall be powered by 100v to 240v AC, 50 or 60Hz. The front of the Interface shall include LED detection indications for each channel of detection. One BNC video output and detector test switches that allow the user to place calls on each channel

907-643.02.1.3--Functionality Type 1 Video Vehicle Detection. Detection zones shall be programmed via an on-board menu displayed on a video monitor and a pointing device connected to the video detection processor. The menu shall facilitate placement of detection zones and setting of zone parameters or to view system parameters. The video detection processor shall detect vehicles, bicycles, and pedestrians in real time as they travel across each detection zone. The video detection processor shall have an RS-232 (DB9 or RJ45) port for communications withan external computer. The video detection processor port shall be multi-drop capable.

It shall be possible to upload and save all configuration data including loop placement and save the file on a computer. It shall be possible to download a configuration file from a computer to the detection device.

The video detection processor shall accept new detection patterns from an external computer through the RS-232 port when the external computer uses the correct communications protocol for downloading detection patterns.

A Windows™ based software designed for local and remote connection shall be provided for video capture, real-time detection indication and detection zone modification capability. The video detection processor shall send its detection patterns to an external computer through the RS-232 port.

The video detection processor shall default to a safe condition, such as minimum recall, fixed recall or a constant call on each active detection channel, in the event of unacceptable interference with the video signal, low visibility conditions, or power failure.

The system shall be capable of automatically detecting a low-visibility condition such as fog and respond by placing all defined detection zones in a constant call mode. The system shall automatically revert to normal detection mode when the low-visibility condition no longer exists.

907-643.02.1.4--Detection. Type 1A shall have a minimum of 24 detection zones per camera input and each detection zone shall be capable of being sized to suit the site and the desired vehicle detection area. Type 1B shall have a minimum of 8 detection zones per camera input and each detection zone shall be capable of being sized to suit the site and the desired vehicle detection area.

A single detection zone shall be able to replace multiple inductive loops and the detection zones

shall be OR'ed as the default or may be AND'ed together to indicate vehicle presence on a single phase of traffic movement.

Placement of detection zones shall be done by using only a pointing device, and a Graphical Interface built into the video detection processor and displayed on a video monitor, to draw the detection zones on the video image from each video camera. Detection zones created in this manner shall be compatible with the PC-based software provided with the system.

The video detection processor shall support bicycle type zones where the zone can differentiate between motorized vehicles and bicycles, producing a call for one but not the other. Bicycle zones shall only output when a bicycle is detected. The video detection processor shall provide the ability to assign a separate output channel for bicycle zones to allow traffic controllers to implement special bicycle timing for applications where the traffic controller has separate bicycledetection inputs. Bicycle zones shall have the ability to have extensions assigned to individual bicycle zones for applications where the traffic controller does not have bicycle specific detectioninputs.

For Type 1A, six (6) additional count zones for bicycles shall be provided to accumulate bicycle counts at user specified intervals.

The video detection processor's memory shall be non-volatile to prevent data loss during power outages.

When a vehicle is detected crossing a detection zone, the corners or entire zone of the detection zone shall flash/change color on the video overlay display to confirm the detection of the vehicle. It shall be possible to record the operation of the unit in real time with the detection zones operating.

Detection shall be at least 98% accurate in all weather conditions, with slight degradation acceptable under adverse weather conditions (e.g. rain, snow, or fog) which reduce visibility.

The video detection processor shall maintain normal operation of existing detection zones when one (1) zone is being added or modified.

The video detection processor shall output a constant call on any detector channel corresponding to a zone being modified and shall resume normal operation upon completion.

Detection zones shall be directional to reduce false detections from objects traveling in directions other than the desired direction of travel in the detection area.

The video detection processor shall process the video input from each camera using a microprocessor at 30 frames per second at one volt, peak to peak, 75 ohms, or EIA 170 NTSC video standard.

The video detection processor shall output minimum recall, fixed recall or constant call for each enabled detector output channel if a loss of video signal occurs. The recall behavior shall be user selectable for each output. The video detection processor shall output a constant call during the

background "learning" period.

Detection zone outputs shall be configurable to allow the selection of presence, pulse, extend, and delay outputs. Timing parameters of pulse extend, and delay outputs shall be user definable between 0.1 to 25.0 seconds in increments of 0.1 seconds.

Type 1A shall have up to six (6) detection zones per camera view that have the capability to count the number of vehicles detected, measure classification, occupancy, and speed. The data values shall be internally stored within the processor module for later retrieval through the RS-232 port. The data collection interval shall be user definable in periods of 5, 15, 30, or 60 minutes or by intersection cycle. Real-time data shall be retrieved from the PC-based software provided with the system.

907-643.02.1.5--Camera. Type 1A cameras shall be completely compatible with the video detection processor and shall be certified by the manufacturer to ensure proper system operation.

Type 1B shall be a single integrated camera with built in video detection processor.

The Video Vehicle Detection shall produce accurate detector outputs under all roadway lighting conditions, regardless of time of day. The minimum range of scene luminance over which the camera shall produce a useable video image shall be the minimum range from nighttime to daytime, but not less than the range 0.009 to 930 foot-candles.

The camera shall use a color CCD sensing element with resolution of not less than 470 lines horizontal and 400 lines vertical.

The camera shall include mechanisms to compensate for changing of lighting by using an electronic shutter and/or auto-iris lens.

The camera shall include a variable focal length lens with factory preset focus that requires no field adjustment. Zooming of the camera lens to suit the site geometry by means of a portable interface device designed for that purpose. The horizontal field of view shall be adjustable. Camera configuration shall be customized for each approach based on field site conditions and the project plans.

The camera electronics shall include automatic gain control (AGC) to produce a satisfactory image at night.

The camera shall be housed in a weather-tight sealed enclosure. The housing shall be field rotatable to allow proper alignment between the camera and the traveled road surface.

The camera enclosure shall be equipped with a sunshield. The sunshield shall include a provision for water diversion to prevent water from flowing in the camera's field of view.

The camera enclosure shall include a thermostatically controlled heater to assure proper operation of the lens shutter at low temperatures and prevent moisture condensation on the optical faceplate

of the enclosure. The heater shall directly heat the glass lens and require less than five (5) watts over the temperature range.

Power consumption of the camera shall be 15 watts or less under all conditions.

The camera enclosure shall be equipped with separate, weather-tight connections for power and setup video cables at the rear of the enclosure. These connections shall allow diagnostic testing and viewing of video at the camera while the camera is installed on a mast arm or pole using a lens adjustment module furnished under this bid item.

The video signal output by the camera shall in accordance with NTSC standards.

All necessary mounting brackets shall be mounted to pole shafts, mast arms, or other structures to mount cameras as indicated on the project plans. Mounting brackets shall result in a fixed- position mounting. Mounting Brackets shall be included at no additional cost.

907-643.02.1.6--Video Cable. The cable provided shall be as recommended by the manufacturer for optimal video detection performance. The power and video cable may be installed under the same outer jacket. The cable and installation tools shall be approved by the supplier and manufacturer's instructions must be followed to ensure proper connection.

907-643.02.1.7--Power Cable. The cable provided shall be as recommended by the manufacturer for optimal video detection performance.

Camera power cable shall be suitable for installation in conduit and in exposed sunlight environment, and UL listed.

The power and video cable may be installed under the same outer jacket. The cable and installation tools shall be approved by the supplier and manufacturer's instructions must be followed to ensure proper connection.

907-643.02.1.8--Surge Protection. Surge protection devices shall be provided for all new or added video detection devices as recommended by the manufacturer. A surge protection device (SPD) shall be installed at the point the video detection devices receive 120 volt power and connected in series with the circuits. SPDs shall be selected and installed according to recommendation from the device manufacturer. The units shall be configured with receptacles. The units shall have an internal fuse protection and shall provide common mode (L+N-G) protection.

Video and/or Power cable shall be protected with an inline surge suppressor as recommended by the manufacturer or a panel mounted surge suppressor as recommended by the manufacturer or approved equal, installed and grounded per manufacturer's recommendations.

907-643.02.1.9--Physical and Environmental Specifications. Physical and Environmental Specifications shall be as follows.

Video Vehicle Detection Processor: The video vehicle detection processor shall operate reliably in a typical roadside traffic cabinet environment. Internal cabinet equipment and a videovehicle detection processor shall be provided that meets the environmental requirements of NEMATS-2-2003 Section 2. If the processor is located in the sensor, it shall meet the same requirements.

Video Camera Sensor: The operating ambient temperature range shall be -30°F to 140°F. Additionally, a heater shall be included to prevent the formation of ice and condensation in cold weather. The heater shall not interfere with the operation of the video camera sensor electronics,or cause interference with the video signal.

Vibration: Vibrations shall meet the requirements of NEMA TS 2-2003 Section 2.1.9. Shock: Shock shall meet the requirements of NEMA TS 2-2003 Section 2.1.10.

Acoustic Noise: A video camera sensor and enclosure shall be provided that can withstand 150 dB for 30 minutes continuously, with no reduction in function or accuracy.

907-643.02.2--Materials Type 2 Video Vehicle Detection. The Type 2 Video Vehicle Detection shall be span wire mounted and consist of power supply, video camera, mounting brackets, and lightning protection as recommended by the manufacturer, video detection processors/extension modules capable of processing the number of camera and phase combination video sources shown on the project plans or in the purchase order

907-643.02.2.1--Functional Requirements for Type 2 Video Vehicle Detection. The Type 2 Video Vehicle Detection configuration shall utilize video processors with one or more video inputs and one (1) video output, responding to specific site applications, camera locations and detection zones shown on the project plans. Video processors or interface modules shall be provided which plug directly into NEMA TS 1 and TS 2 detector racks without adapters. Extension modules which allow detection zones from one camera to be routed to other card slots shall also be provided if required. The system shall be Ethernet compatible with an RJ45 port. The Type 2 Video Vehicle Detection shall be able to detect vehicles and bicycles in multiple lanes using only the video image.

907-643.02.2.2--Interface Type 2 Video Vehicle Detection. The following interfaces shall be provided:

1) Video inputs that accept RS 170 (NTSC) signals from an external video source. A BNC type interface connector shall be provided and located on the front of the video processing unit.
2) A LED indicator to indicate the presence of the video signal. The LED shall illuminate upon valid video synchronization and turn off when the presence of a valid video signal is removed.
3) One (1) video output per processor module. The video output shall be RS 170 compliant and shall pass through the input video signal. The video output shall have the capability toshow text and graphical overlays to aid in system setup. The overlays shall display real- time actuation of detection zones upon vehicle detection or presence. Control of the overlays and video switching shall also be provided through the serial communications port.The video output interface connector shall be BNC or RCA type. If RCA connector is used,

an RCA to BNC adapter shall be provided.

4) A serial communications port on the front panel. The serial port shall be compliant with RS-232 or RS-422 electrical interfaces and shall use a DB9 or RJ45 type connector. The serial communications interface shall allow the user to remotely configure the system and/orto extract calculated vehicle/roadway information.
5) Interface software. The interface protocol shall support multi-drop or point-to- multipoint communications. Each video detection sensor shall have the capability to be individually IP addressable either built in or with third party video server units.
6) Open collector contact closure outputs meeting NEMA TS 2 requirements. The open collector output will be used for vehicle detection indicators as well as discrete outputs for alarm conditions.
7) LED status indicators on the front panel. The LED's shall illuminate when a contact closure output occurs. Provide one output LED for each contact closure output.
8) A mouse compatible port (PS-2 or USB) on the front panel of the video processing unit. The mouse port shall be used as part of the system setup and configuration.
9) A Cabinet Interface shall be provided that is specifically designed to mount in a standard NEMA TS 1 and TS 2 detector rack without adapters or rewiring, or as a stand-alone shelf mount unit. The Interface shall operate in a temperature range from -31°F to +165°F and a humidity range from 0% to 95% relative humidity. The Cabinet Interface shall be powered by 100v to 240v AC, 50 or 60Hz. The front of the Interface shall include LED detection indications for each channel of detection. One BNC video output and detector test switches that allow the user to place calls on each channel

907-643.02.2.3--Functionality Type 2 Video Vehicle Detection. Detection zones shall be programmed via an on-board menu displayed on a video monitor and a pointing device connected to the video detection processor. The menu shall facilitate placement of detection zones and setting of zone parameters or to view system parameters. The video detection processor shall detect vehicles, bicycles, and pedestrians in real time as they travel across each detection zone. The video detection processor shall have an RS-232 (DB9 or RJ45) port for communications withan external computer. The video detection processor port shall be multi-drop capable.

It shall be possible to upload and save all configuration data including loop placement and save the file on a computer. It shall be possible to download a configuration file from a computer to the detection device.

The video detection processor shall accept new detection patterns from an external computer through the RS-232 port when the external computer uses the correct communications protocol for downloading detection patterns.

A Windows™ based software designed for local and remote connection shall be provided for video capture, real-time detection indication and detection zone modification capability. The video detection processor shall send its detection patterns to an external computer through the RS-232 port.

The video detection processor shall default to a safe condition, such as minimum recall, fixed recall or a constant call on each active detection channel, in the event of unacceptable interference with

the video signal, low visibility conditions, or power failure.

The system shall be capable of automatically detecting a low-visibility condition such as fog and respond by placing all defined detection zones in a constant call mode. The system shall automatically revert to normal detection mode when the low-visibility condition no longer exists.

907-643.02.2.3.1--Functionality for Type 2 Video Vehicle Detection. The Video Detection Processor (VDP) for the Type 2 Video Vehicle Detection shall employ Dynamic Zone Stabilization to provide motion tracking and compensation for swaying camera sensors mounted on dual or single span wires. The VDP shall include software that discriminately detects the presence of vehicles and bicycles in single or multiple lanes using only the video image. The VDP shall compensate for swaying motions by tracking the position of the stop bar for the approaching vehicle or bicycle movement. The VDP shall compensate for low frequency (cable sag) motion due to temperature changes during the day. The VDP shall compensate for moderate frequency motion induced by winds. The VDP shall compensate for up to ±5 degrees of tilt from vertical without any adverse detection false calls or dropped calls.

907-643.02.2.4--Detection. Type 2 shall have a minimum of 24 detection zones per camera input shall be possible, and each detection zone shall be capable of being sized to suit the site and the desired vehicle detection area. .

A single detection zone shall be able to replace multiple inductive loops and the detection zones shall be OR'ed as the default or may be AND'ed together to indicate vehicle presence on a single phase of traffic movement.

Placement of detection zones shall be done by using only a pointing device, and a Graphical Interface built into the video detection processor and displayed on a video monitor, to draw the detection zones on the video image from each video camera. Detection zones created in this manner shall be compatible with the PC-based software provided with the system.

The video detection processor shall support bicycle type zones where the zone can differentiate between motorized vehicles and bicycles, producing a call for one but not the other. Bicycle zones shall only output when a bicycle is detected. The video detection processor shall provide the ability to assign a separate output channel for bicycle zones to allow traffic controllers to implement special bicycle timing for applications where the traffic controller has separate bicycledetection inputs. Bicycle zones shall have the ability to have extensions assigned to individual bicycle ones for applications where the traffic controller does not have bicycle specific detection inputs.

Six (6) additional count zones for bicycles shall be provided to accumulate bicycle counts at user specified intervals.

The video detection processor’s memory shall be non-volatile to prevent data loss during power outages.

When a vehicle is detected crossing a detection zone, the corners or entire zone of the detection

zone shall flash/change color on the video overlay display to confirm the detection of the vehicle. It shall be possible to record the operation of the unit in real time with the detection zones operating.

Detection shall be at least 98% accurate in all weather conditions, with slight degradation acceptable under adverse weather conditions (e.g. rain, snow, or fog) which reduce visibility.

The video detection processor shall maintain normal operation of existing detection zones when one (1) zone is being added or modified.

The video detection processor shall output a constant call on any detector channel corresponding to a zone being modified and shall resume normal operation upon completion.

Detection zones shall be directional to reduce false detections from objects traveling in directions other than the desired direction of travel in the detection area.

The video detection processor shall process the video input from each camera using a microprocessor at 30 frames per second at one volt, peak to peak, 75 ohms, or EIA 170 NTSC video standard.

The video detection processor shall output minimum recall, fixed recall or constant call for each enabled detector output channel if a loss of video signal occurs. The recall behavior shall be user selectable for each output. The video detection processor shall output a constant call during the background "learning" period.

Detection zone outputs shall be configurable to allow the selection of presence, pulse, extend, and delay outputs. Timing parameters of pulse extend, and delay outputs shall be user definable between 0.1 to 25.0 seconds in increments of 0.1 seconds.

The processor shall have up to six (6) detection zones per camera view shall have the capability to count the number of vehicles detected, measure classification and speed. The data values shall be internally stored within the processor module for later retrieval through the RS-232 port. The data collection interval shall be user definable in periods of 5, 15, 30, or 60 minutes or by intersection cycle. Real-time data shall be retrieved from the PC-based software provided with the system.

907-643.02.2.5--Camera. Type 2 cameras shall be completely compatible with the video detection processor and shall be certified by the manufacturer to ensure proper system operation.

The Video Vehicle Detection shall produce accurate detector outputs under all roadway lighting conditions, regardless of time of day. The minimum range of scene luminance over which the camera shall produce a useable video image shall be the minimum range from nighttime to daytime, but not less than the range 0.009 to 930 foot-candles.

The camera shall use a color CCD sensing element with resolution of not less than 470 lines horizontal and 400 lines vertical.

The camera shall include mechanisms to compensate for changing of lighting by using an

electronic shutter and/or auto-iris lens.

The camera shall include a variable focal length lens with factory preset focus that requires no field adjustment. Zooming of the camera lens to suit the site geometry by means of a portable interface device designed for that purpose. The horizontal field of view shall be adjustable. Camera configuration shall be customized for each approach based on field site conditions and the project plans.

The camera electronics shall include automatic gain control (AGC) to produce a satisfactory image at night.

The camera shall be housed in a weather-tight sealed enclosure. The housing shall be field rotatable to allow proper alignment between the camera and the traveled road surface.

The camera enclosure shall be equipped with a sunshield. The sunshield shall include a provision for water diversion to prevent water from flowing in the camera's field of view.

The camera enclosure shall include a thermostatically controlled heater to assure proper operation of the lens shutter at low temperatures and prevent moisture condensation on the optical faceplate of the enclosure. The heater shall directly heat the glass lens and require less than five (5) watts over the temperature range.

Power consumption of the camera shall be 15 watts or less under all conditions.

The camera enclosure shall be equipped with separate, weather-tight connections for power and setup video cables at the rear of the enclosure. These connections shall allow diagnostic testing and viewing of video at the camera while the camera is installed on a mast arm or pole using a lens adjustment module furnished under this bid item.

The video signal output by the camera shall in accordance with NTSC standards.

All necessary mounting brackets shall be mounted to pole shafts, mast arms, or other structures to mount cameras as indicated on the project plans. Mounting brackets shall result in a fixed- position mounting. Mounting Brackets shall be included at no additional cost.

907-643.02.2.6--Video Cable. The cable provided shall be as recommended by the manufacturer for optimal video detection performance. The power and video cable may be installed under the same outer jacket. The cable and installation tools shall be approved by the supplier and manufacturer’s instructions must be followed to ensure proper connection.

907-643.02.2.7--Power Cable. The cable provided shall be as recommended by the manufacturer for optimal video detection performance.

Camera power cable shall be suitable for installation in conduit and in exposed sunlight environment, and UL listed.

The power and video cable may be installed under the same outer jacket. The cable and installation tools shall be approved by the supplier and manufacturer's instructions must be followed to ensure proper connection.

907-643.02.2.8--Surge Protection. Surge protection devices shall be provided for all new or added video detection devices as recommended by the manufacturer.

Video and/or Power cable shall be protected with an inline surge suppressor as recommended by the manufacturer or a panel mounted surge suppressor as recommended by the manufacturer or approved equal, installed and grounded per manufacturer's recommendations.

907-643.02.2.9--Physical and Environmental Specifications. Physical and Environmental Specifications shall be as follows.

Video Vehicle Detection Processor: The video vehicle detection processor shall operate reliably in a typical roadside traffic cabinet environment. Internal cabinet equipment and a video vehicle detection processor shall be provided that meets the environmental requirements of NEMA TS 2-2003 Section 2. If the processor is located in the sensor, it shall meet the same requirements.

Video Camera Sensor: The operating ambient temperature range shall be -30°F to 140°F. Additionally, a heater shall be included to prevent the formation of ice and condensation in cold weather. Do not allow the heater to interfere with the operation of the video camera sensor electronics, or cause interference with the video signal.

Vibration: Vibrations shall meet the requirements of NEMA TS 2-2003 section 2.1.9. Shock: Shock shall meet the requirements of NEMA TS 2-2003 section 2.1 .10.

Acoustic Noise: A video camera sensor and enclosure shall be provided that can withstand 150 dB for 30 minutes continuously, with no reduction in function or accuracy.

907-643.02.3--Materials Type 3 Video Vehicle Detection and Tracking System. The Type 3 Video Vehicle Detection and Tracking System (VIVTDS) shall consist of the following:

- One VIVTDS processor capable of connecting with 1 to 8 sensors
- One or more VIVTDS sensors, with at least one sensor having a fisheye lens for omnidirectional viewing of the roadway or intersection.
- One surge protector junction unit, per each advanced/stopline sensor
- One mounting pole and bracket (90° pole per each fisheye sensor; or straight, vertical pole per each advanced/stopline sensor). Pole should be assembled in two (2) pieces (3' x 3' plus 7' straight, vertical base)
- One ball-swivel, bracket, and surge protector junction unit, per each fisheye sensor
- One Ethernet Protection Module (surge protector located in the traffic cabinet), per each VIVTDS sensor
- VIVTDS interface cables to the traffic signal controller based on model/type.
- Optional portable field computer to configure and monitor system operations
- Optional computer to configure and monitor system operations at the TOC or other remote location
- Optional Ethernet Repeater to extend VIVTDS sensors beyond 300 feet

- Optional Fiber interconnect to extend VIVTDS sensors up to 2000 feet
- Optional POE Powered Switch for use with more than two sensors

907-643.02.3.1--Functional Requirements for Type 3 Video Vehicle Detection. The Type 3 Video Vehicle Detection configuration shall be for a system that views, captures, and derives data based on the objects that pass within the sensor field of view along a highway, road, ramp, or other commonly used transit pathway via processing video images. The detection of objects by a VIVTDS can be accessed and used by and for many applications, including:

- Vehicle detection and actuation at intersections
- Pedestrian Actuation
- Pedestrian Counting
- In the Box bicycle discrimination and clearance extension
- Bicycle Counting
- Highway flow monitoring
- Ramp metering
- Advanced detection
- Pedestrian crossing extensions
- Temporary construction zone detection
- Situational awareness of location area, including an intersection center
- Automated alerts and reports of potentially unsafe conditions, incidents, malfunctions, or signal timing inefficiencies
- Collecting and archiving traffic data on the Cloud for future analysis to improve performance by optimizing timing plans at intersections
- Non-recurring charges for Cloud Data access
- Occupancy-based vehicle actuation
- Signal Performance Metrics
- User-defined zone output pulses
- Onboard video recording and playback
- Open API for data access

The system shall have a modular electrical design and use Ethernet to connect and network with the different system components. Streaming video images, alerts, and data shall be transmitted from the field back to a Traffic Operations Center (TOC) via the systems client software and to the VIVTDS's cloud by using any or combination of the following:

- Fiber optic
- Wireless Radios
- WAN
- TCP/IP
- Optional Internal modem
- Any other means of commonly used communication practices and standards for digital content and information.

The VIVTDS client software shall provide graphical user interfaces between the administrator(s) and permissioned users of the system and the VIVTDS sensor(s) itself. The software shall allow the user to configure sites, conduct maintenance, monitor information relayed from the sensor(s), and provide access to real-time data, system and user defined alerts, and access to historical data collected by the sensor(s). The client software should be installed on a single personal computer or across a network of computers. One or more users will be able to access VIVTDS simultaneously.

907-643.02.3.2—Processor Hardware.

The VIVTDS processor shall support 1 or 2 fisheye sensors, or if equipped with 1 fisheye sensor the VIVTDS processor should, at a minimum, be capable of simultaneously supporting up to four (4) additional VIVTDS sensors for special requirements such as advance detection or underpass detection.

The VIVTDS processor shall comply with NEMA standards, TS1, TS2 Type 1 and Type 2; 170/2070; and ITS. The VIVTDS processor shall provide the following inputs and outputs:

Type	Inputs	Outputs
TS1	24	24
TS2	16	64
170/2070	8	24
ITS	16	64

The VIVTDS processor will have at a minimum four (4) USB 3.0 ports for expansion flexibility and have an optional, built-in modem.

The VIVTDS processor shall be no more than 1U high with dimensions, excluding connectors, not to exceed 8.5" x 11.5" x 1.75" and weigh no more than 5.2 lbs. The unit shall have flexible mounting options including the ability to lie flat on a cabinet shelf, be mounted in a standard traffic cabinet rack with optional mounting ears or be installed vertically with optional base. The outer enclosure shall be a powdered coated aluminum.

907-643.02.3.3-- Type 3 Video Vehicle Detection System Software.

Each VIVTDS system shall include software for up to six (6) sensors for detecting and counting the vehicle's entrance and exit of the intersection. The VIVTDS system will also include software for communicating with the traffic controllers and other electronic devices.

Client software shall be included free of charge with each VIVTDS system and should be downloaded and run on any personal computer with a Windows 7 or newer operating system. The client software at minimum should include management tools to perform the following:

- View, diagnose, configure, and reset individual sensor outputs
- View the status of inputs to enable setup and troubleshooting in the field
- Configure and view calls and phases
- The ability to create and define, as well as edit, vehicle zones, road masks, object masks, and pedestrian zones by drawing arbitrary shaped polygons using a computer
- The ability to detect and track vehicles, motorcycles, bicycles, and pedestrians through the entire 360-degree field of view
- Distinguish between bicycles and vehicles in the center of the intersection (The Box) and provide distinct detector calls to the traffic controller for each object type
- Provide system calls based on zone occupancy
- View the site's configuration history
- Publish and revert back to previous configuration
- View real-time image streaming from the sensor(s) within the software's Client interface
- Optionally access and use an API that is documented online and uses HTTP
- Enterprise security with user-based roles

- Ability to utilize LDAP for user access
- Provide System Alerts for diagnostic and administrative events

The VIVTDS system shall support optional performance data packages for purchase that provide count data, access to real time data, and system and user defined alerts. The performance data shall be accessible directly from the processor or from a remote computer with a network connection, or via a Cloud storage platform. The performance data shall include the following types of reports and alerts:

- Turning movement counts, including U-turns
- Length based vehicle classifications
- Incident reporting
- Volume
- 7 Day Volume
- Occupancy on Green
- Occupancy on Red
- Percentage of Arrivals on Green
- Percentage of Arrivals on Red
- Speed
- Pedestrian Counts
- Bicycle Turning Movements
- Bicycle Counts
- RTSP (H.264) streaming capability
- Wrong way vehicle detection
- Loss of visibility event
- Volume Exceeded

Reports should be exportable and downloadable in the following formats:

- PDF
- Excel
- Synchro Export – Turning Movement Counts

907-643.02.3.4--Detection. VIVTDS system shall provide real time vehicle detection (within 500 milliseconds (ms) of vehicle arrival). The system should detect the presence of vehicles for up to 64 detection zones per VIVTDS senor. The detection zones shall be sensitive to the direction a vehicle travels and the direction to be detected by each detection zone shall be programmable by a client software user.

The VIVTDS system should provide a flexible detection zone placement anywhere within one hundred (150) feet of the VIVTDS sensors. Preferred presence detector configurations shall be arbitrarily shaped polygons, including simple boxes, drawn across lanes of traffic or placed in line with lanes of traffic. A single VIVTDS sensor should replace one or more conventional detectors. Advanced detection zones may be placed up to three hundred (300) feet from a Fisheye sensor when mounted at least forty (40) feet high.

Placement of detection zones will be done by means of a graphical interface using the MJPEG image of the roadway. The client software displays images of the detection zones overlaid on the video image of traffic while the VIVTDS processor is running. The detection zones, when

operating, shall display outlined or filled, with a visible change indicating activation.

A laptop should be used to draw detection zones. Alternatively, a mouse, keyboard, and monitor may be connected directly to the processor to configure a site. The detection zones should be capable of being sized and shaped to provide optimal road coverage and detection. It should be possible to upload detector configurations to the VIVTDS processor and to retrieve the sensor configuration that is currently running in the VIVTDS processor through the client software. The configuration should also be retrievable from the VIVTDS system's cloud if properly backed up.

The user will be able to edit previously defined detector configurations in order to fine tune the detection zone placement size and shape. Once a detection configuration has been created, the system will provide a graphic display of the new configuration on its monitor. While this fine-tuning is being done, the sensor will be required to continue to operate from the sensor configuration, currently in place. A user should be able to use a system command to revert to previous configurations stored in the client software or on the VIVTDS system's cloud if properly backed up.

When a vehicle occupies a detection zone, the detection zone on the live video will indicate the presence of a vehicle, thereby verifying proper operation of the system.

The presence of the vehicle as well as the signal states will be indicated via colored LED lights on the front panel of VIVTDS processor. With the absence of images, the VIVTDS processor's display shall indicate proper operation of the detection zones.

Detection zones shall be sensitive to the direction of vehicle travel. The direction will be capable of being detected by each detection zone and will be programmable by the user. The vehicle detection zones will not activate if a vehicle is traveling in any direction other than the one specified for detection in the zone. Cross-street and wrong way traffic shall not cause a false detection.

Detection zones will be capable of an optional user defined call to detect a side entrance (90° or less angled entrance).

The VIVTDS system will be able to reliably detect vehicle presence in the design field of view. The design field of view shall be defined as the sensor view when the image sensor is mounted thirty-five (35) feet (10.5 meters) or higher above the roadway, when the sensor is in front of all stop lines, no more than seventy-five (75) feet from the intersection center, and the beginning of the detection area is not greater than one hundred and fifty (150) feet from the image sensor. Within this design field of view, the VIVTDS processor should be capable of setting up detection zones for point detection (equivalent to the operation of a 6' x 6' inductive loop). A VIVTDS sensor, placed at the proper mounting height, is able to monitor up to and including five (5) traffic lanes per approach simultaneously. A single fisheye sensor, placed at the proper mounting height, should be able to monitor detection zones in an intersection of five (5) approaches, at a minimum. Fisheye sensors mounted no less than forty (40) feet should be capable of advanced vehicle detection of up to three hundred (300) feet.

Detection accuracy of the VIVTDS system shall be comparable to properly operating inductive loops. Detection accuracy should include the presence of any vehicle in the defined detection zone regardless of the lane the vehicle is occupying. Occlusion produced by vehicles in the same or adjacent lanes shall not be considered a failure of the VIVTDS processor, but a limitation of the VIVTDS sensor placement.

Detection shall be 98% accurate with slight degradation possible under adverse weather or road conditions (i.e. rain, snow, fog). Detection will be expected for the entire design field of view on a lane by lane or by approach basis.

Equipment failure, either sensor or VIVTDS processor, shall result in constant vehicle detection on affected detection zones. The VIVTDS system will be required to have the ability to place a constant call to a specific zone, if said zone loses visibility, while simultaneously making calls in the traditional manner in the remaining zones.

907-643.02.3.5--Camera. The VIVTDS should have at least one downward-facing fisheye sensor capable of seeing the center of the intersection and have an omnidirectional line of site to track vehicles entering and exiting the intersection. Other required features shall include the following:

- Color images outputted into digital format as MJPEG images
- Camera lens shall not require adjustment and is always in focus
- A thermostatically controlled heater residing inside the enclosure to reduce the effects of ice and condensation
- Any plastics used in the enclosure shall have ultraviolet inhibitors
- A waterproof and dust tight aluminum enclosure

The sensor dimensions excluding connectors shall not exceed 9.9" x 7.9" (height x diameter). The weight of the sensor including the enclosure shall not exceed eight pounds. The VIVTDS sensor manufacturer shall provide a lifetime "always in focus" guarantee on the iconic bell-shaped fisheye camera. The sensor's mounting bracket shall utilize a two (2) piece, ten (10) foot 90º mounting pole. The sensor junction box should mount at the base of the vertical pole and allow for the installer to adjust the sensor's horizontal position with one hand and tighten the bracket without having to support the sensor simultaneously.

907-643.02.3.5.1—Optional VIVTDS sensors.
Certain projects will have special requirements or needs, such as advanced detection beyond three hundred (300) feet and/or stopline detection. In these instances, an additional VIVTDS sensor with a field of view of either 30º - 50º for stopline detection or a field of view of 9º - 18º for advanced detection should be used. The sensor dimensions excluding connectors and mounting bracket shall not exceed 8" x 15" x 3.5" and the weight should not exceed eight pounds. Other required features are the following:

- Color images outputted into digital format as MJPEG images
- A 5 – 50 mm varifocal lens set for the specific application
- A thermostatically controlled heater residing inside the enclosure to reduce the effects of ice and condensation
- A sun shield to minimize lens exposure to the sun
- A waterproof and dust tight powdered coated aluminum housing

The VIVTDS should support thermal imaging sensors for use in specific situations.

907-643.02.3.6—Power.
The VIVTDS sensor(s) will use five (5) watts nominally and a maximum of fifty (50) watts with active heaters. The sensor(s) will be Power Over Ethernet (POE) and will only require a single shielded, burial grade, gel-filled CAT5e cable for both power and data or composite fiber cable.

Each VIVTDS sensor shall have its own surge protector junction unit and EPM surge protection unit in the traffic cabinet.

The VIVTDS processor shall operate within a range of 89 to 240 VAC, 60Hz single phase. Power to the VIVTDS processor is from the transient protected side of the AC power distribution system in the traffic control cabinet where the VIVTDS processor is installed.

907-643.02.3.6—CAT5E Cable. CAT5E cabling shall be a high performance shielded direct burial data cable capable of 350MHz bandwidth for data applications. The cabling shall consist of a 24 AWG solid core copper wire with 8 solid conductors in a gel-filled jacket. The jacket shall consist of linear low-density polyethylene (LLDPE) that is UV resistant and have a cable diameter of no more than 6.5 mm. The cable shall have easily identifiable striped pairs as follows:

- Orange-White, Orange
- Green-White, Green
- Blue-White, Blue
- Brown-White, Brown

The cable shall be rated at a minimum for 60 V.
The surge protector junction unit for the VIVTDS sensor shall provide protection against a transient pulse with a pulse shape of 8/20µs and a max current of 75A. The unit shall weigh no more than two (2) lbs.
The EPM, surge protection unit for the VIVTDS sensor, shall have at most a max impulse discharge current of 40 KA and an impedance of at least 100 ohms. The unit should have at least Line-Line and Line-Ground protection options, and the POE current should not exceed 1.8A.

907-643.02.3.7—Composite Fiber. Composite Fiber cable shall meet the following requirements:

- Multimode, OM3, Indoor-Outdoor rated
- Meet ICEA-S-83-597 Standard
- Four Fiber Strands and Two 16 AWG Copper Power Conductors

Fiber cable shall be terminated with FASTconnect LC connectors and maintain a signal strength between -20 dBm and -24 dBm.

The Fiber cable shall connect the Fisheye Sensor and/or other Optional Sensors using PoE Media Converters.

PoE Media Converters shall meet the following requirements:

- Material: UV Stabilized, Polycarbonate/ASA Blend
- Environmental: -29º F - 165º F (-34º C - 74º C)
- IP66

907-643.02.3.8—Physical and Environmental Specifications. The VIVTDS processor will meet or exceed the NEMA TS-2 standard of -29º F - 165º F (-34º C - 74º C) and meet or exceed a 5-30Hz vibration test as well as a 10G shock test.

The VIVTDS processor shall operate properly in an environment with 0% to 95% relative humidity, non-condensing. The VIVTDS sensor(s) shall operate properly in an environment with 0% to 100% relative humidity.

907-643.02.3.9—System Software Operation. The VIVTDS must transmit and receive all information needed for sensor setup, to monitor vehicle detection, to view vehicle traffic flow, and to interpret stored data. The remote communications link between the VIVTDS processor shall not interfere with the on-street detection of the VIVTDS processor.

The user should be able to view the detection area in a horizon to horizon fisheye view or in a configurable four (4) pane flattened view on the same screen. Each view should be able to be customized by the user, with the ability to digitally pan-tilt-zoom.

907-643.02.3.10—Installation and Training. The supplier of the VIVTDS system shall supervise the installation and testing of the sensors, processor, and other sensor components.

System installers will be required to be certified by the system manufacturer. A manufacturer's instructional guide will not be considered an adequate substitute for practical, classroom training and formal certification by an approved agency.

However, the manufacturer shall provide an online user guide and an electronic copy of the user guide within the client software and on board the VIVTDS processor for reference.

Formal levels of factory authorized training are required for installers, contractors and system operators. All training must be certified by the VIVTDS system manufacturer.

907-643.02.3.10—Warranty, Maintenance and Support. The video detection system must be warranted to be free of defects in material and workmanship for a period of 3 years from date of shipment from the manufacturer's facility. During the warranty period, the system manufacturer will be required to repair with new or refurbished materials, or replace at no charge, any product containing a warranty defect provided the product is returned FOB to the supplier's factory or authorized repair site. Return product, product for repair, or product to be replaced under warranty by the supplier shall have prepaid transportation. This warranty does not apply to any products damaged by accident, improperly operated, abused, serviced by unauthorized personnel or unauthorized modification.

Ongoing software support by the manufacturer includes updates of the VIVTDS processor's engine and updates to the client software shall be provided free of charge for the life of the system.

907-643.02.4--Materials Multi-Sensor Vehicle Detection.

907-643.02.4.1--General. The Multi-Sensor Vehicle Detector shall utilize two (2) different sensors of different technologies, video imaging and radar, to detect and track licensed and unlicensed vehicles at distances up to 600 feet. The detector shall fuse vehicle information from the two sensors to provide highly accurate and precise detection for special or advanced applications.

The Multi-Sensor Vehicle Detector shall use a primary detector rack mounted processor to interface with the traffic control cabinet. The module shall process information from both video imaging and radar sensors simultaneously in real-time.

907-643.02.4.2--Detector Configuration. The proposed MSVD shall be available in various configurations to allow maximum deployment flexibility. Each configuration shall have an identical user interface for system setup and configuration. The communications protocol to each

configuration shall be identical and shall be hardware platform independent.

The detector shall include software that detects vehicles in multiple lanes. Video imaging detection zones shall be defined using only an on-board video menu and a pointing device to placethe zones on a video image. Up to 24 video detection zones per camera view shall be available. Two (2) additional trigger zones for the radar sensor shall be available and be configurable by using the same system setup menu on the DP. A separate computer shall not be required to program the detection zones. A pre-programmed setup tool is required to align and input radar information and set the camera field of view (zoom and focus).

907-643.02.4.3--Multi-Sensor Vehicle Detection Hardware. The MSVD hardware shall consist of the following four (4) elements:

1) Video Imaging Camera Sensor
2) Radar Sensor
3) Sensor Data Combiner
4) Detection Processor

907-643.02.4.3.1--Video Imaging Camera Sensor. The video imaging camera sensor shall meet the following minimum requirements:

- To accommodate deployment flexibility, the MSVD camera sensor shall be compatible with the Data Processor platforms. The MSVD camera sensor shall be supplied by the MSVD manufacturer.
- The advanced camera enclosure shall utilize technology for the heating element of the front glass. The transparent coating shall not impact the visual acuity and shall be close to optically clear.
- Cable terminations at the data combiner for video and power shall not require crimping or special tools.
- The camera sensor shall allow the user to set the focus and field of view via Wi-Fi connectivity.
- The camera shall produce a useable video image of vehicles under all roadway lighting conditions, regardless of time of day. The minimum range of scene luminance over which the camera shall produce a useable video image shall be the minimum range from nighttime to daytime, but not less than the range 1.0 lux to10,000 lux.
- The camera electronics shall include automatic gain control (AGC) to produce a satisfactory image at night.
- The imager luminance signal to noise ratio (S/N) shall be more than 50 dB with the automatic gain control (AGC) disabled.
- The imager shall employ three (3) dimensional dynamic noise reduction (3D-DNR) to remove unwanted image noise.
- The camera image shall employ wide dynamic range (WDR) technology to compensate for wide dynamic outdoor lighting conditions. The dynamic range shall be greater than 100 dB.
- The camera shall be digital signal processor (DSP) based and shall use a CCD sensing element and shall output color video with resolution of not less than 550 TV lines.
- The camera sensor shall include an electronic shutter control based upon average scene

luminance and shall be equipped with an auto-iris lens that operates in tandem with the electronic shutter. The electronic shutter shall operate between the range of 1/1 to 1/10,000th second.

- The camera sensor shall utilize automatic white balance.
- The camera sensor shall include a variable focal length lens with variable focus that can be adjusted, without opening up the camera housing, to suit the site geometry by means of a portable interface device designed for that purpose and manufactured by the detection system supplier.
- The horizontal field of view shall be adjustable. This camera configuration may be used for the majority of detection approaches in order to minimize the setup time and spares required by the user. The lens shall be a minimum 10X zoom lens with a variable focal length.
- The lens shall also have an auto-focus feature with a manual override to facilitate ease of setup.
- The camera shall incorporate the use of preset positioning that store zoom and focus positioning information. The camera shall have the capability to recall the previously stored preset upon application of power.
- The camera shall be housed in a weather-tight sealed enclosure conforming to IP-67 specifications. The housing shall allow the camera to be rotated to allow proper alignment between the camera and the traveled road surface.
- The camera enclosure shall be equipped with a sunshield. The sunshield shall include a provision for water diversion to prevent water from flowing in the camera's field of view.
- The camera enclosure shall be designed so that the pan, tilt and rotation of the camera assembly can be accomplished independently without affecting the other settings.
- The camera enclosure shall include a proportionally controlled heater design that maximizes heat transfer to the lens. The output power of the heater shall vary with temperature, to assure proper operation of the lens functions at low temperatures and preventmoisture condensation on the optical faceplate of the enclosure.
- The glass face on the front of the enclosure shall have an anti-reflective coating to minimize light and image reflections.
- When mounted outdoors in the enclosure, the camera shall operate in a temperature range from -29°F to +165°F and a humidity range from 0% RH to 100% RH.
- Measurement of satisfactory video shall be based upon DP system operation.
- The camera sensor shall acquire its power from the sensor data combiner.
- Recommended camera placement height shall be 18 to 33 feet above the roadway, and over the traveled way on which vehicles are to be detected. For optimum detection the camera should be centered above the traveled roadway. The camera shall view approaching vehicles at a distance not to exceed 350 feet for reliable detection (height to distance ratio of 10:100). Camera placement and field of view (FOV) shall be unobstructed and as noted in the installation documentation provided by the supplier.
- The video signal shall be fully isolated from the camera enclosure and power cabling.
- A weather-proof protective cover shall be provided to protect all terminations at the camera.

907-643.02.4.3.2--Radar Sensor. The radar sensor shall meet the following minimum requirements:

- The radar sensor shall operate in the 24 GHz frequency band.
- The radar detection range shall be 600 feet minimum, ±5%.
- The radar sensor shall be able to track up to 20 independent objects simultaneously.
- Object speed detection shall be within a range of zero (0) to 150 mph ±1.0 mph.
- The radar sensor shall be able to detect vehicles in one (1) to four (4) traffic lanes.
- The radar sensor shall be housed in a weather-tight sealed enclosure conforming to IP-67 specifications. The housing shall allow the radar to be adjusted to allow proper alignment between the sensor and the traveled road surface.
- When mounted outdoors in the enclosure, the radar shall operate in a temperature range from -29°F to +165°F and a humidity range from 0% RH to 100% RH.
- The radar sensor shall communicate with the sensor data combiner.
- The radar sensor shall acquire its power from the sensor data combiner.
- Data and power cables between the radar sensor and sensor data combiner shall be fully isolated from the sensor enclosure.

907-643.02.4.3.3--Multi-Sensor Vehicle Detection Assembly. Multi-Sensor Vehicle Detection Assembly shall meet the following requirements:

- Both camera and radar sensors shall be housed in an overall, single enclosure assembly.
- The maximum power consumption for the Multi-Sensor Vehicle Detection Assembly shall be less than ten (10) watts typical, 20 watts peak.

907-643.02.4.3.4--Sensor Data Combiner. The sensor data combiner (if required) shall meet the following minimum requirements:

- A sensor data combiner that combines sensor information from both video and radar sensors shall be employed.
- Sensor data combiner shall supply primary power to each sensor unit.
- Sensor data combiner shall facilitate digital communications between the sensor data combiner and each of the sensor units.
- Sensor data combiner shall get its primary power from an AC power source using industry standard 3-conductor cabling.
- Sensor data combiner shall communicate with the detection processor using a single coax cable. Both video imaging and radar data shall use the single coax cable.
- The sensor data combiner shall also employ industry standard Wi-Fi connectivity for remote sensor system setup using a mobile programming device such as anetbook or tablet computer. Video camera and radar sensor shall be able to be configured independently.
- Sensor data signal shall be fully isolated from the mechanical enclosure and power cabling.
- Cable terminations at the sensor data combiner shall not require crimping tools.
- The Sensor Data Combiner shall be housed in a weather-tight sealed enclosure conforming to IP-67 specifications.

907-643.02.4.3.5--Detection Processor. The detection processor shall meet the following minimum requirements:

- Each sensor input shall accept RS170 (NTSC) or CCIR (PAL) signals from an external video source. The interface connector shall be BNC type and shall be located on the front of the processing unit. The sensor input shall have the capability to be terminated into 75- ohms or high impedance (Hi-Z) using dip switches or software control from the user menu. The sensor input shall also facilitate the data from the radar sensor.
- A LED indicator shall be provided to indicate the presence of the sensor signal. The LED shall illuminate upon valid sensor synchronization and turn off when the presence of a valid sensor signal is removed.
- One (1) video output shall be provided. The video output shall be RS170 or CCIR compliant and shall pass through the input video signal. For multi-channel video input configurations, a momentary push-button shall be provided on the front panel to cycle through each input video channel. In the absence of a valid sensor signal, the channel shall be skipped and the next valid sensor signal shall be switched. The real time video output shall have the capability to show text and graphical overlays to aid in system setup. The video output interface connector shall be positive locking BNC type. Friction type (e.g. RCA type) connectors shall not be allowed.
- A communications port shall be provided on the front panel. The communications interface shall allow the user to remotely configure the system and/or to extract calculated vehicle/roadway information. The interface protocol shall be documented or interface software shall be provided. Each MSVD shall have the capability to be addressable. The DP shall support data rates of 1200 bps to 230,400 bps, inclusive.
- Open collector (contact closure) outputs shall be provided. Four (4) open collector outputs shall be provided for the single or dual channel rack-mount configuration. Additionally, the DP shall allow the use of extension modules to provide up to 24 open collector contact closures per camera input. Each open collector output shall be capable of sinking 30 mA at 24 VDC. Open collector outputs will be used for vehicle detection indicators as well as discrete outputs for alarm conditions. The DP outputs shall be compatible with industry standard detector racks assignments.
- Logic inputs such as delay/extend or delay inhibit shall be supported through the appropriate detector rack connector pin or front panel connector in the case of the I/O module. For DPs and extension modules, f our (4) inputs shall be supported via detector rack interface. The I/O module shall accommodate eight (8) inputs through a 15-pin "D" connector.
- Detection status LEDs shall be provided on the front panel. The LEDs shall illuminate when a contact closure output occurs. The front panel of the DP shall have detector test switches to allow the user to manually place calls on each DP output channel. The test switch shall be able to place either a constant call or a momentary call depending on the position of the switch.
- A USB mouse port shall be provided on the front panel of the rack mount detection processing unit. The mouse port shall not require special mouse software drivers. The mouse port shall be used as part of system setup and configuration.
- Extension modules (if required) shall be connected to the DP by an 8-wire twisted- pair cable with modular RJ45 connectors. DP and EM communications shall be accommodated by methods using differential signals to reject electrically coupled noise.
- Extension modules (EM) shall be available to eliminate the need of rewiring the detector

rack, by enabling the user to plug an extension module into the appropriate slot in the detector rack to provide additional open collector outputs. The extension module shall be available in both two (2) and four (4)-channel configurations. The DP and EM shall be specifically designed to mount in a standard detector rack, using the edge connector to obtain power, provide contact closure outputs and accept logic inputs (e.g. delay/extend). No adapters shall be required to mount the DP or EM in a standard detector rack. Detector rack rewiring shall not be required.

- The DP shall utilize non-volatile memory technology to store on-board firmware and operational data.
- The DP shall enable the loading of modified or enhanced software through the EIA232 or USB port (using a USB thumb drive) and without modifying the DP hardware.
- The DP and EM shall be powered by 12 or 24 volts DC. DP and EM modules shall automatically compensate for either 12 or 24 VDC operation. DP power consumption shall not exceed 7.5 watts. The EM power consumption shall not exceed three (3) watts.
- The DP shall operate satisfactorily in a temperature range from -40°F to +165°F and a humidity range from zero (0) %RH to 95 %RH, non-condensing as set forth in NEMA specifications.
- A video surge suppresser shall be provided for each sensor input. The surge suppresser shall be appropriately grounded to the cabinet ground rod using AWG 14 minimum.

907-643.02.4.4--Detection Software. The detection software shall meet the following general system functions:

- Detection zones shall be programmed via an on board menu displayed on a video monitor and a pointing device connected to the DP. The menu shall facilitate placement of detection zones and setting of zone parameters or to view system parameters. A separate computer shall not be required for programming detection zones or to view system operation.
- The DP shall store up to three (3) different detection zone patterns in non-volatile memory. The DP can switch to any one of the three (3) different detection patterns within one (1) second of user request via menu selection with the pointing device. Each configuration shall be uniquely labeled and able to be edited by the user for identification. The currently active configuration indicator shall be displayed on the monitor.
- The DP shall detect vehicles in real time as they travel across each detection zone.
- The DP shall accept new detection patterns from an external computer through a communications port when the external computer uses the correct communications protocol for downloading detection patterns. A Windows™ based software designed for local or remote connection and providing video capture, real-time detection indication and detection zone modification capability shall be provided with the system.
- The DP system shall have the capability to automatically switch to any one of the stored configurations based on the time of day which shall be programmable by the user.
- The DP shall send its detection patterns to an external computer through the communications port when requested when the external computer uses the appropriate communications protocol for uploading detection patterns.
- The DP shall default to a safe condition, such as a constant call on each active detection channel, in the event of unacceptable interference or loss of the sensor signal.
- The system shall be capable of automatically detecting a low-visibility condition such as

fog and respond by placing all effected detection zones in a constant call mode. A user-selected alarm output shall be active during the low-visibility condition that can be used to modify the controller operation if connected to the appropriate controller input modifier(s). The system shall automatically revert to normal detection mode when the low-visibility condition no longer exists.

- Up to 24 detection zones per camera input shall be supported and each detection zone can be sized to suit the site and the desired vehicle detection region.
- The DP shall support two (2) independent trigger points for radar outputs for dilemma zone applications.
- The DP shall provide up to 24 open collector output channels per sensor input using one or more extension modules.
- A single detection zone shall be able to replace multiple inductive loops and the detection zones shall be OR'ed as the default or may be AND'ed together to indicate vehicle presence on a single approach of traffic movement.
- Placement of detection zones shall be done by using only a pointing device, and a graphical interface built into the DP and displayed on a video monitor or laptop computer to draw the detection zones on the video image from each video camera.
- When a vehicle is detected within a detection zone, a visual indication of the detection shall activate on the video overlay display to confirm the detection of the vehicle for the zone.
- Detection shall be at least 98% accurate in good weather conditions, with slight degradation possible under adverse weather conditions (e.g. rain, snow, or fog) which reducevisibility. Detection accuracy is dependent upon site geometry, camera placement, camera quality and detection zone location, and these accuracy levels do not include allowances forocclusion or poor video due to camera location or quality.
- The DP shall provide dynamic zone reconfiguration (DZR). DZR enables normal operation of existing detection zones when one zone is being added or modified during the setup process. The new zone configuration shall not go into effect until the configuration is saved by the operator.
- Detection zone setup shall not require site specific information such as latitude and longitude to be entered into the system.
- The DP shall process the video input from each camera at 30 frames per second. Multiple camera processors shall process all video inputs simultaneously.
- The DP shall output a constant call during the background learning period of no more than three (3) minutes.
- Detection zone outputs shall be configurable to allow the selection of presence, pulse, extend, and delay outputs. Timing parameters of pulse, extend, and delay outputs shall be user definable between 0.1 to 25.0 seconds.
- Up to six (6) video detection zones per sensor input shall have the capability to count the number of vehicles detected. The count value shall be internally stored for later retrieval through the communications port.
- In addition to the count type zone, the DP shall be able to calculate and/or acquire average speed and lane occupancy using both video and radar sensors. These values shall be storedin non-volatile memory for later retrieval.
- The DP shall have an "advance" zone type where detection outputs to the traffic controller

are compensated for angular occlusion and distance.

- The user shall have the ability to enable or disable the display of the phase information on the video output.
- The DP shall have the capability to change the characteristics of a detection zone based on external inputs such as signal phase. Each detection zone shall be able to switch from one zone type (i.e. presence, extension, pulse, etc.) to another zone type based on the signal state. For example, a zone may be a "count" zone when the phase is green but change to a "presence" zone type when the phase is not green. Another application would be zone type of "extension" when the signal phase is green and then "delay" when red.
- The DP shall aid the user in drawing additional detection zones by automatically drawing and placing zones at appropriate locations with only a single click of the mouse. When the user wishes to modify the location of a zone, the DP shall allow the user move a single zone, multiple zones or all zones simultaneously.
- On-screen zone identifiers shall be modifiable by the user. The user shall be allowed to select channel output assignments, zone type, input status, zone labels or zone numbers to be the identifier.
- For multiple camera input DPs, the user shall have the ability to enable automatic video output switching. The dwell time for each sensor input shall be user programmable.
- For the radar sensor zones the output can be triggered by presence of a vehicle only or by presence of a vehicle above a speed defined by the user.

907-643.02.4.5--Multi-Sensor Cable. The cable to be used between the Multi-Sensor Vehicle Detection Assembly and the DP in the traffic cabinet shall be per manufacturer's specifications. This cable shall be suitable for installation in conduit or overhead with appropriate span wire. BNC plug connectors shall be used where applicable. The cable, BNC connector, and crimping tool shall be approved by the supplier of the MSVD, and the manufacturer's instructions must be followed to ensure proper connection.

907-643.02.4.6--Power Cable. The power cabling shall be per manufacturer's specifications. The cabling shall comply with the National Electric Code, as well as local electrical codes.

907-643.05--Construction Requirements. The Construction and testing requirements for Type 1, Type 2, and Multi-Sensor Vehicle Detection are the same.

907-643.05.1--General Requirements. The Contractor shall perform the following:

1) Install all sensors, system processors and associated enclosures and equipment at the locations specified in the plans, in any related notice to bidders, per manufacturer's recommendations, or as directed.
2) Install all cabinet-mounted equipment in the intersection equipment cabinet or as specified in the plans.
3) Cabling from all sensors shall be installed in accordance with the manufacturer's recommendations.
4) Make all necessary adjustments and modifications to the total VVD/MSVD prior to requesting inspection for system/device acceptance.
5) Mount the sensors as per manufacturer's recommendations or as shown in the plans.

6) Mount the sensors so as to view approaching traffic unless otherwise directed.
7) Optimize the sensors location and zone of detection as directed by the Engineer, or authorized designee.
8) Adjust the sensor zoom lens to match the width of the road/detection area, and minimize lane vehicle occlusion.
9) Fasten all other cabinet components, with hex-head or Phillips-head machine screws insulated with nuts (with locking washer or insert) or into tapped and threaded holes. Do not use self-tapping or self-threading fasteners.
10) Provide electrical cables for video, communications signaling and power supply between the cabinet and the VVD/MSVD image sensor cameras as recommended by the manufacturer, and as required for a fully functional System.

907-643.05.2--Contractor Training. Installation of the Video Vehicle Detection shall be as recommended by the manufacturer and performed by a Contractor trained and certified by the supplier. Where time does not reasonably permit training of the installing Contractor, a supplier factory representative shall supervise and assist a Contractor during installation of the Video Vehicle Detection.

Installation of the Multi-Sensor Vehicle Detection shall be as recommended by the supplier and performed by a Contractor with factory-certified installers and documented in installation materials provided by the supplier. Proof of factory certification shall be provided.

907-643.05.3--Testing. All equipment associated with the Video Vehicle Detection System site shall undergo testing to verify conformance to requirements of the plans and these special provisions. All costs associated with testing shall be included in the overall contract price; no separate payment will be made for any testing.

907-643.05.3.1--Standalone Acceptance Test (SAT). The SAT shall include videos of the approach with detection zones overlaid showing detector activations.

1) One (1) hour videos shall be made of each approach and compared to actual detection calls.
2) 30-minute videos shall be made starting 15 minutes prior to sunrise and sunset for each approach and compared to actual detection calls.
3) All videos shall be date and time stamped.
4) Provide all videos to the Engineer with a summary of the results included total calls, missed calls and false calls.
5) All test results must meet a 98% accuracy requirement.

The Contractor must demonstrate the accuracy requirements specified in Subsection 907-643.02.1.7 at selected intersections after a sixty (60) day burn in period for Type 1 and a thirty (30) day burn in period for Type 2 and MSDS. The intersections to be tested will be randomly selected by the Project Engineer.

907-643.05.4--Warranty. The Video Vehicle Detection shall be warranted to be free of manufacturer defects in materials and workmanship for a period of three (3) years from the date of final acceptance. Equipment covered by the manufacturer's warranties shall have the

registration of that component placed in the Department's name prior to final inspection. The Contractor is responsible for ensuring that the vendors and/or manufacturers supplying the components and providing the equipment warranties recognize the Department as the original purchaser and owner/end user of the components from new. During the warranty period, the supplier shall repair or replace with new or refurbished material, at no additional cost to the State, any product containing a warranty defect, provided the product is returned postage-paid by the Department to the supplier's factory or authorized warranty site. Products repaired or replaced under warranty by the supplier shall be returned prepaid by the supplier.

The Multi-Sensor Vehicle Detector shall be warranted to be free of manufacturer defects in materials and workmanship for a period of three years (3) from the date of final acceptance.

During the warranty period, technical support shall be available from the supplier via telephone within four (4) hours of the time a call is made by the Department, and this support shall be available from factory certified personnel. During the warranty period, updates and corrections to Control Unit Software shall be made available to the Department by the supplier at no additional cost.

907-643.05.5--Training. When called for in the Plans, the Contractor shall submit to the Project Engineer for approval a detailed Training Plan including course agendas, detailed description of functions to be demonstrated and a schedule. The Contractor must also submit the Trainer's qualifications to the Project Engineer for approval prior to scheduling any training. The training must include both classroom style training and hands-on training in the field of the maintenance and troubleshooting procedures required for each component. The training should also consist ofa hands-on demonstration of all software configuration and functionality where applicable.

The supplier of the detection system shall, at a minimum, provide a 16-hour operations and maintenance training class with suitable documentation for up to eight (8) persons selected by the Department. The operations and maintenance class shall be scheduled at a mutually acceptable time and location.

907-643.05.6--Maintenance and Technical Support. The supplier shall maintain an adequate inventory of parts to support maintenance and repair of the detection system. Spare parts shall be available for delivery within 30 days of placement of an acceptable order at the supplier's then current pricing and terms of sale of said spare parts.

The suppliers shall maintain an ongoing program of technical support for the detection system. This technical support shall be available via telephone or via personnel sent to the installation site upon placement of an acceptable order at the supplier's then current pricing and terms of sale of said technical support services.

The installation or training support shall be provided by a factory-authorized representative and shall be a minimum IMSA-Level II Certified Traffic Signal Technician.

All product documentation shall be written in the English language.

907-643.06--Method of Measurement. Video Vehicle Detection Sensor of the type specified will be measured as a unit per each.

Video Vehicle Detection Cable and/or Power Cable will be measured by the linear foot, measured horizontally along the conduit, messenger cable or mast arm and vertically along the pole.

Video Vehicle Detection Training will be measured as a lump sum after the completion of all training.

Multi-Sensor Vehicle Detection of the type specified will be measured as a unit per each.

Multi-Sensor Detection Cable and/or Power Cable will be measured by the linear foot, measured horizontally along the conduit, messenger cable or mast arm and vertically along the pole.

907-643.07--Basis of Payment. Video Vehicle Detection Sensor, measured as prescribed above, will be paid for at the contract unit price per each, which price shall be full compensation for installation, system integration, documentation, system software, and testing of a complete video detection sensor site including video camera sensor/processor, the sensor environmental enclosure, attachment hardware and brackets, completion of all testing requirements, warranties and all work, equipment and appurtenances as required to provide and install a complete video detection system. The price bid shall also include all system documentation including: shop drawings, operations and maintenance manuals, wiring diagrams, block diagrams and other materials necessary to document the operation of the Video Vehicle Detection Sensor. This price shall be full compensation for all labor, tools, materials, equipment and incidentals necessary to complete the work and quality assurance.

Video Vehicle Detection Cable and/or Power Cable will be paid at the contract unit price per linear foot, which price shall be full compensation for all labor, materials, equipment tools, furnishing, installing, system integration, connections, testing, and all incidentals necessary to complete the work.

Video Vehicle Detection Training, measured as prescribed above, will be paid for at the contract unit lump sum price, which price shall be full compensation for all training costs including all coordination, materials, labor, training location costs, and all incidentals required to complete the training.

Multi-Sensor Vehicle Detection Sensor, measured as prescribed above, will be paid for at the contract unit price per each, which price shall be full compensation for installation, system integration, documentation, and testing of a complete Multi-Sensor Vehicle Detection Sensor site including video imaging camera sensor, radar sensor, sensor data combiner, detection processor, system software, the sensor environment enclosure, attachment hardware and brackets, completion of all testing requirements and all work, equipment and appurtenances as required to provide and install a complete Multi-Sensor Vehicle Detection Sensor. The price bid shall also include all system documentation including: shop drawings, operations and maintenance manuals, wiring diagrams, block diagrams and other materials necessary to document the operation of the multi-sensor detection system. This price shall be full compensation for all labor, tools, materials,

equipment and incidentals necessary to complete the work.

Multi-Sensor Detection Cable and/or Power Cable will be paid at the contract unit price per linear foot, which price shall be full compensation for all labor, materials, equipment tools, furnishing, installing, system integration, connections, testing, and all incidentals necessary to complete the work.

Payment will be made under:

907-643-A:	Video Vehicle Detection Sensor, Type ___	- per each
907-643-B:	Video Vehicle Detection Cable	- linear foot
907-643-C:	Video Vehicle Detection Power Cable	- linear foot
907-643-D:	Video Vehicle Detection Training	- lump sum
907-643-E:	Multi-Sensor Vehicle Detection Sensor	- per each
907-643-F:	Multi-Sensor Vehicle Detection Cable	- linear foot
907-643-G:	Multi-Sensor Vehicle Detection Power Cable	- linear foot

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-701-3 **CODE: (SP)**

DATE: **05/04/2021**

SUBJECT: **Hydraulic Cement**

Section 701, Hydraulic Cement, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-701.01--General. In the first sentence of the second paragraph of Subsection 701.01 on page 718, change "mills" to "plants."

In the second sentence of the sixth paragraph of Subsection 701.01 on pages 718 and 719, change "shall" to "will."

907-701.02--Portland Cement.

907-701.02.1-General.

907-701.02.1.2--Alkali Content. Delete the sentence in Subsection 701.02.1.2 on page 719, and substitute the following.

When used in portland cement concrete, the total alkali contribution from all cement types in this Subsection shall not exceed 4.0 lb. per cubic yard of concrete calculated as follows:

$$\text{lb alkali per cu Yd} = \frac{(\text{lb cement per cu Yd}) \text{x} (\%\text{Na}_2\text{O equivalent in cement})}{100}$$

In the above calculation, the maximum cement alkali content reported on the cement mill certificate shall be used. An example calculation can be found in the Department's *Concrete Field Manual*.

907-701.02.2--Replacement by Other Cementitious Materials. Delete the paragraph in Subsection 701.02.2 on page 719, and substitute the following.

The maximum replacement of cement by weight is 25% for fly ash or 50% for ground granulated blast furnace slag (GGBFS). Replacement contents below 20% for fly ash or 45% for GGBFS may be used, but will not be given any special considerations, such as the maximum acceptance temperature for portland cement concrete containing pozzolans in Subsection 804.02.13.1.5. Special considerations shall only apply for replacement of cement by fly ash or GGBFS.

Delete Subsection 701.02.2.1 on pages 719 and 720, and substitute the following.

907-701.02.2.1--Portland Cement Concrete Exposed to Soluble Sulfate Conditions or Seawater.

When portland cement concrete is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall be as follows in Table 1. Class C fly ash shall not be used as a replacement for cement in any of the sulfate exposure conditions listed in Table 1.

Table 1- Cementitious Materials for Soluble Sulfate Conditions or Seawater

Sulfate Exposure	Water-soluble sulfate (SO_4) in soil, % by mass	Sulfate (SO_4) in water, ppm	Cementitious material required
Moderate and Seawater	0.10 - 0.20	150 - 1,500	Type I cement with one of the following replacements of cement by weight: 24.5 - 25.0% Class F fly ash, or 49.5 - 50.0% GGBFS or Type II*,** cement
Severe	0.20 - 2.00	1,500 - 10,000	Type I cement with a replacement by weight of 49.5 - 50.0% GGBFS, or Type II* cement with one of the following replacements of cement by weight: 24.5 - 25.0% Class F fly ash, or 49.5 - 50.0% GGBFS

* Type III cement conforming to AASHTO M85 with a maximum 8% tricalcium aluminate (C_3A) may be used in lieu of Type II cement as allowed in Subsection 701.02.1; this cement is given the designation "Type III(MS)."

** Class F fly ash or GGBFS may be added as a replacement for cement as allowed in Subsection 907-701.02.2.

Delete Subsection 701.02.2.2 on page 720, and substitute the following.

907-701.02.2.2--Portland Cement for Soil Stabilization Exposed to Soluble Sulfate Conditions or Seawater. When portland cement for use in soil stabilization is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall meet the requirements of Subsection 701.02.2.1.

907-701.04--Blended Hydraulic Cement.

907-701.04.1--General. Delete Subsection 701.04.1.1 on page 720, and substitute the following.

907-701.04.1.1--Types of Blended Hydraulic Cement. Blended hydraulic cements (blended cements) shall be of the following types and conform to AASHTO M 240:

Type IL – Portland-limestone cement
Type IP – Portland-pozzolan cement
Type IS – Portland blast-furnace slag cement

Blended cement Types IL, IP, and IS meeting the "MS" sulfate resistance requirement listed in AASHTO M 240, Table 3 shall have the "(MS)" suffix added to the type designation.

907-701.04.1.2--Alkali Content. Delete the sentence in Subsection 701.04.1.2 on page 720, and substitute the following.

All blended cement types shall be made with clinker that would result in cement meeting the requirements of Subsection 701.02.1.2 when used in the production of AASHTO M 85, Type I or Type II cement.

The blended cement manufacturer shall include the percent equivalent alkalis as Na_2O on their cement mill reports.

When calculating the total alkali contribution with blended cements, use the equivalent alkali content of the base portland cement. An example calculation for cases where blended cements are used can be found in the Department's *Concrete Field Manual*.

907-701.04.2--Replacement by Other Cementitious Materials. Delete the paragraph in Subsection 701.04.2 on page 720, and substitute the following.

The maximum replacement of blended cement Type IL by weight is 35% for fly ash or 50% for GGBFS. Replacement contents below 20% for fly ash or 45% for GGBFS may be used, but will not be given any special considerations, such as the maximum acceptance temperature for blended cement concrete containing pozzolans in Subsection 804.02.13.1.5. Special considerations shall only apply for replacement of blended cement by fly ash or GGBFS.

No additional cementitious materials, such as portland cement, blended cement, fly ash, GGBFS, or others, shall be added to or as a replacement for blended cement Types IP and IS.

Delete Subsection 701.04.2.1 on pages 720 and 721, and substitute the following.

907-701.04.2.1--Blended Cement Concrete Exposed to Soluble Sulfate Conditions or Seawater. When blended cement concrete is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall be as follows in Table 2. Class C fly ash shall not be used as a replacement for cement in any of the sulfate exposure conditions listed in Table 2.

Table 2- Cementitious Materials for Soluble Sulfate Conditions or Seawater

Sulfate Exposure	Water-soluble sulfate (SO_4) in soil, % by mass	Sulfate (SO_4) in water, ppm	Cementitious material required
Moderate and Seawater	0.10 - 0.20	150 - 1,500	Type IL (MS)* cement, Type IL cement with one of the following replacements of cement by weight: 24.5 - 35.0% Class F fly ash, or 49.5 - 50.0% GGBFS, Type IP (MS) cement, or Type IS (MS) cement
Severe	0.20 - 2.00	1,500 - 10,000	Type IL cement with a replacement of cement by weight of 49.5 - 50.0% GGBFS, or Type IL (MS) cement with one of following replacements of cement by weight: 24.5 - 35.0% Class F fly ash, or 49.5 - 50.0% GGBFS

* Class F fly ash or GGBFS may be added as a replacement for cement as allowed in Subsection 907-701.04.2.

Delete Subsection 701.04.2.2 on page 721, and substitute the following.

907-701.04.2.2--Blended Cement for Soil Stabilization Exposed to Soluble Sulfate Conditions or Seawater. When blended cement for use in soil stabilization is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall meet the requirements of Subsection 701.04.2.1.

Delete Subsection 701.04.3 on page 721.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-702-4 **CODE: (IS)**

DATE: 09/11/2018

SUBJECT: Bituminous Materials

Section 702, Bituminous Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-702.04--Sampling. Delete the sentence in Subsection 702.04 on page 722, and substitute the following.

Sampling of bituminous materials shall be as set out in AASHTO R 66.

907-702.07--Emulsified Asphalt. Delete the last sentence in Subsection 702.07 on page 724, and substitute the following.

Asphalt for fog seal shall conform to the requirements of Subsection 907-702.12, Table V.

907-702.12--Tables. Delete Table V in Subsection 702.12 on page 729, and substitute the following.

TABLE V
SPECIFICATION FOR FOG SEAL

	LD-7		CHPF-1		
Test Requirements	**Min.**	**Max.**	**Min.**	**Max.**	**Test Method**
Viscosity, Saybolt Furol, @ 25°C, Sec.	10	100	-	100	AASHTO T 72
Storage Stability Test, 24 hr, %	-	1	-	1	AASHTO T 59
Settlement, 5 day, %	-	5	-	-	AASHTO T 59
Oil Distillate, %	-	1	-	-	AASHTO T 59
Sieve Test, % *	-	0.3	-	0.1	AASHTO T 59
Residue by Distillation, %	40	-	40	-	AASHTO T 59
Test on Residue from Distillation					
Penetration @ 25°C, 100g, 5 sec	-	20	40	90	AASHTO T 49
Softening Point, °C	65	-	-	-	ASTM D 36
Solubility in trichloroethylene, %	97.5	-	-	-	AASHTO T 44
Elastic Recovery @ 25°C, %	-	-	40	-	AASHTO T 301
Original DSR @ 82° (G*/Sinδ, 10 rad/sec)	1	-	-	-	AASHTO T 111

* The Sieve Test result is tested for reporting purposes only and may be waived if no application problems are present in the field.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-703-1 **CODE: (IS)**

DATE: 06/13/2018

SUBJECT: Gradation

Section 703, Aggregates, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-703.03--Course Aggregates for Hydraulic Cement Concrete.

907-703.03.2--Detail Requirements.

907-703.03.2.4--Gradation. In the table in Subsection 703.03.2.4 on page 734, add 100 for the percent passing by weight on the 1½-inch sieve for Size No. 67 aggregates.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-705-1 **CODE: (IS)**

DATE: 06/13/2018

SUBJECT: Stone Riprap

Section 705, Stone Blanket Protection and Filter Blanket Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-705.04--Stone Riprap. Delete the last sentence of the first paragraph of Subsection 705.04 on page 750, and substitute the following.

Quality requirements for rock to be furnished under these specifications will come from a pre-approved source and be visually approved prior to use.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-707-3 **CODE: (SP)**

DATE: **10/27/2021**

SUBJECT: **Joint Materials**

Section 707, Joint Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-707.02--Joint Filler.

907-707.02.2--Preformed Sponge, Rubber, Cork and Closed-Cell Polypropylene Foam Joint Fillers for concrete Paving and Structural Constructions. Delete the two paragraphs of Subsection 707.02.2 on page 755, and substitute the following.

Preformed joint filler shall conform to AASHTO M 153 for sponge, rubber, and cork and tested according to ASTM D545. The type required will be indicated on the plans.

Closed-cell polypropylene foam shall conform to the requirements in ASTM D8139 and tested in accordance with ASTM D545.

907-707.02.3--Wood. Delete paragraph (b) of Subsection 707.02.3 on page 755, and substitute the following:

(b) Dimensions shall be as shown on the plans Dimensions shown on the plans are "dressed" sizes in accordance with Table 3 of the American Softwood Lumber Standard, SP-20. At the discretion of the Engineer, a 3/4-inch dressed board may be used in lieu of a 1-inch dressed board. A tolerance of plus or minus 1/16 inch thickness and plus or minus 1/8 inch width will be permitted. For slip-form paving a tolerance of minus 1/4 inch on each end in length will be permitted.

907-707.06--Flexible Plastic Gasket for Joining Conduit. Delete the third paragraph of Subsection 707.06 on page 756, and substitute the following.

The Department may require the performance test described in ASTM C 990.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-708-4 **CODE: (SP)**

DATE: **09/21/2021**

SUBJECT: **Concrete Pipe**

Section 708, Non-Metal Structures and Cattlepasses, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-708.02--Concrete Pipe.

907-708.02.1--Materials for Use in Concrete Pipe.

907-708.02.1.2--Fly Ash. Delete Subsection 708.02.1.2 on page 758, and substitute the following.

Fly ash conforming to the requirements of Subsection 714.05 may be used to replace hydraulic cement on a one to one replacement rate. If a type IL cement conforming to the requirements of Subsection 701.04 is used, the fly ash replacement shall not exceed 35% by weight of the cement. For all other Types of cement, the fly ash replacement rate shall not exceed 25% by weight of hydraulic cement.

907-708.02.3--Exceptions to AASHTO Standard Specifications. After Subsection 708.02.3.7 on page 760, add the following.

907-708.02.3.8--Lifting Device. In lieu of lift holes, the producer may cast an approved lifting device in the pipe during the manufacturing process. Should a lifting device be included with the pipe, the Contractor shall cut off or grind down the lifting device flush with the pipe surface after placement of the pipe. The area around the lifting device shall be coated with a sealer approved by the Engineer.

907-708.02.5--Reinforced Concrete Pipe. Delete the second paragraph in Subsection 708.02.5 on page 760, and substitute the following.

907-708.02.5.1--Class V Pipe With Diameter 54 Inches and Greater. Class V pipe with diameters of 54 inches and larger shall meet the requirements of AASHTO M 170 or M 242 as modified by Subsection 708.02 and herein.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-711-2 **CODE: (IS)**

DATE: 09/11/2018

SUBJECT: Plain Steel Wire

Section 711, Reinforcement and Wire Rope, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-711.02--Deformed and Plain Carbon-Steel Bars for Concrete Reinforcing.

907-711.02.3--Steel Welded and Non-Welded Wire Reinforcement, Plain and Deformed, for Concrete.

907-711.02.3.1--Plain Steel Wire. Delete the sentence in Subsection 711.02.3.1 on pages 780 and 781, and substitute the following.

Plain steel wire and plain steel welded wire shall conform to the requirements of AASHTO M 336.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-714-3 **CODE: (SP)**

DATE: **08/31/2021**

SUBJECT: **Miscellaneous Materials**

Section 714, Miscellaneous Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-714.01--Water.

907-714.01.1--General. Delete the last sentence of the second paragraph in Subsection 714.01.1 on page 794.

907-714.01.2--Water for Use in Concrete. Delete Subsection 714.01.2 on page 794, and substitute the following:

Water from municipal sources is permitted be used as mixing water in concrete, mortar, and grout without Department testing. Water from non-municipal water sources used in mixing of concrete, mortar, and grout which does not meet the requirements in Subsection 714.01.1 shall be tested for conformance as required in AASHTO M157, Table 1 and Table 2.

907-714.01.3--Water for Use in Chemically Stabilized Based. Delete the first sentence of first paragraph in Subsection 714.01.3 on page 794, and substitute the following:

Water used in the construction of bases that contain cement, lime, or other chemical additive shall be as set out in Subsection 714.01.1. Water from municipal sources is permitted to be used without testing for conformance to the requirements below. If water is not from a municipal source, it shall not contain impurities in excess of the following limits:

Delete Subsection 714.01.6 on page 795, and substitute the following.

907-714.01.6--Blank.

907-714.05--Fly Ash.

907-714.05.1--General. Delete the first sentence of the fifth paragraph in Subsection 714.05.1 on page 797.

907-714.13--Geotextiles.

907-714.13.11--Tables. Delete Table 1 in Subsection 714.13.11 on page 813, and substitute the following.

Table 1 - Geotextiles

Type Designation	I[1]	II[1]	III	IV	V	VI		VII		VIII	IX	
	Sediment Control		Drainage	Paving	Separation & Drainage	Separation, Stabilization & Reinforcement				High Strength		
Physical Property[2]						Woven	Non-Woven	Woven	Non-Woven			**Test Method**
Grab Strength (lb)	50	90	110	90	200	280	180	450	280	----	----	ASTM D 4632
Elongation (%)	----	50% max @ 45 lb	20% min	50% min @ break	50% min	50% max	50% Min	50% max	50% Min	----	----	ASTM D 4632
Seam Strength (lb)	----	----	70	----	180	240	160	400	240	----	----	ASTM D 4632
Puncture Strength (lb)	----	----	40	----	80	110	75	180	115	----	----	ASTM D 6241
Trapezoidal Tear (lb)	----	----	40	----	80	100	70	150	100	----	----	ASTM D 4533
Asphalt Retention (gal/yd^2)	----	----	----	0.2	----	----	----	----	----	----	----	ASTM D 6140
Permittivity (sec^{-1}) min	0.05	0.05	0.5	----	0.2	0.2	0.2	0.2	0.2	----	----	ASTM D 4491
AOS Woven (mm) max	0.60	0.60	0.6	----	0.6	0.43	----	0.43	----	----	----	ASTM D 4751
AOS Non-Woven (mm) max	0.84	0.84	0.43	----	0.43	----	0.43	----	0.43	----	----	
Tensile Strength after UV (% Retained)	70% @ 500 hr	70% @ 500 hr	50% @ 500 hr	----	50% @ 500 hr	50% @ 500 hr	50% @ 500 hr	50% @ 500 hr	50% @ 500 hr	----	----	ASTM D 4355
Melting Point °(F) Minimum Ultimate	----	----	----	325	----	----	----	----	----	----	----	ASTM D 276
Tensile Strength[3] (lb/in)	----	----	----	----	----	----	----	----	----	660	2000	ASTM D 4595

Notes: 1 - All property values, with the exception of apparent opening size (AOS), represent minimum average roll values in the weakest principal direction. Values for AOS represent the maximum average roll values, 2 - Values not identified in this table should meet manufacturer certification for the use and application, 3- Machine direction

Delete Subsection 714.15 on pages 816 and 817 and substitute the following.

907-714.15--Geogrids.

907-714.15.1–General. A geogrid is defined as a geosynthetic formed by a regular network of connected elements with apertures greater than 0.25 inch to allow interlocking with surrounding soil, rock, and other surrounding materials to function primarily as reinforcement.

Geogrid shall be manufactured from an expanded strain hardened monolithic polymer sheet composed of one or more synthetic polymers and shall be mildew resistant and inert to biological degradation and naturally encountered chemicals, alkalis and acids. The geogrid shall contain stabilizers and/or inhibitors, or a resistance finish or covering to make it resistant to deterioration from direct sunlight, ultraviolet rays, and heat.

Geogrid manufacturers shall participate in and be in compliance with the American Association of State Highway Transportation Officials (AASHTO) National Transportation Product Evaluation Program's (NTPEP) Geosynthetics audit program. Geogrid shall meet the requirements of Table II for the application and type shown on the plans and shall be selected from the Department's Approved Lists.

907-714.15.1.1--Geogrid for Retaining Walls and Reinforced Soil Slopes. Geogrid for retaining walls and reinforced soil slopes shall be creep tested in accordance with AASHTO R69 and meet Long Term Design Load, Minimum Ultimate Tensile Strength, and open area criteria listed in Table II. Manufacturers shall perform at least one long-term creep test for no less than 10,000 hours in accordance to ASTM D 5262 for each polymer or composition of polymers from which the geogrid is produced. The long-term design load that shall be reported for design use, shall be that load at which no more than 10% strain occurs over a 100-year design life of the geogrid, as calculated in accordance with AASHTO R69. Long-term design loads shall be reported unfactored, and the AASHTO strength reduction factors (Durability and Installation, and safety factors) will be considered by the Department's Geotechnical Branch on a site specific design basis.

907-714.15.1.2--Geogrid for Subgrade Stabilization. Geogrid for subgrade stabilization shall meet Minimum Ultimate Tensile Strength and open area criteria listed in Table II.

907-714.15.2--Marking, Shipment, and Storage. Each roll or container of geogrid shall be visibly labeled with the name of the manufacturer, trade name of the product, lot number, and quantity of material. In addition, each roll or container shall be clearly tagged to show the type designation that corresponds to that required by the plans. During shipment and storage the geogrid shall be protected from direct sunlight, and temperatures above 120°F or below 0°F. The geogrid shall either be wrapped and maintained in a heavy duty protective covering or stored in a safe enclosed area to protect from damage during prolonged storage.

907-714.15.3--Manufacturer Certification. The Contractor shall furnish the Engineer three copies of the manufacturer's certified test reports indicating that the geogrid furnished conforms to the requirements of the specifications and is of the same composition as the originally approved

by the Department.

907-714.15.4--Acceptance Sampling and Testing. Final acceptance of each shipment will be based upon results of tests performed by the Department on verification samples submitted from the project, as compared to the manufacturer's certified test reports. The Engineer will select one roll or container at random from each shipment for sampling. As sample extending full width of the randomly selected roll or container and being at least five (5) square yards in area will be obtained and submitted by the Engineer. All material samples shall be provided at no cost to the State.

TABLE II
GEOGRIDS

Physical Properties	Type Designation						Test Method
	I	II	III	IV	V	VI	
Long Term Design Load[1], pounds per foot, Machine Direction	250	500	750	1500	2500	3500	AASHTO R69, ASTM D5262
Minimum Ultimate Tensile Strength[2], pounds per foot, Machine Direction	500	1000	1500	3000	5000	7000	ASTM D6637
Open Area, percent	70	70	50	50	50	50	Direct Measurement

[1] Minimum design criteria requirement.
[2] Minimum Average Roll Value (MARV).

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-720-2 **CODE: (IS)**

DATE: 09/11/2018

SUBJECT: Acceptance Procedure for Glass Beads

Section 720, Pavement Marking Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-720.01--Glass Beads.

907-720.01.4--Acceptance Procedures. Delete the last sentence of the paragraph in Subsection 720.01.4 on page 841, and substitute the following.

Acceptance sampling and testing of glass beads will be in accordance with Subsection 2.9.2 of the Department's Materials Division Inspection, Testing, and Certification Manual.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-721-2 **CODE: (IS)**

DATE: 01/08/2020

SUBJECT: Materials for Signing

Section 721, Materials for Signing, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-721.06--Reflective Sheeting.

907-721.06.2--Performance Requirements. Delete Table 4 and Table 5 in Subsection 721.06.2 on pages 860 & 861, and substitute the following.

MINIMUM COEFFICIENTS OF RETROREFLECTION
Candela per foot candle per square foot (cd/fc/ft^2)
Per ASTM Designation D4956

TABLE 4
Type IX Sheeting

Observation Angle	Entrance Angle	White	Yellow	Green	Red	Blue	Fluorescent Yellow/Green	Fluorescent Yellow	Fluorescent Orange
0.2°	-4.0°	380	285	38	76	17	300	230	115
0.2°	+30.0°	215	162	22	43	10	170	130	65
0.5°	-4.0°	240	180	24	48	11	190	145	72
0.5°	+30.0°	135	100	14	27	6.0	110	81	41
1.0°	-4.0°	80	60	8.0	16	3.6	64	48	24
1.0°	+30.0°	45	34	4.5	9.0	2.0	36	27	14

TABLE 5
Type XI Sheeting

Observation Angle	Entrance Angle	White	Yellow	Green	Red	Blue	Brown	Fluorescent Yellow/Green	Fluorescent Yellow	Fluorescent Orange
0.2°	-4.0°	580	435	58	87	26	17	460	350	175
0.2°	+30.0°	220	165	22	33	10	7.0	180	130	66
0.5°	-4.0°	420	315	42	63	19	13	340	250	125
0.5°	+30.0°	150	110	15	23	7.0	5.0	120	90	45
1.0°	-4.0°	120	90	12	18	5.0	4.0	96	72	36
1.0°	+30.0°	45	34	5.0	7.0	2.0	1.0	36	27	14

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-722-1 **CODE: (IS)**

DATE: 11/15/2017

SUBJECT: Materials for Traffic Signal Installation

Section 722, Materials for Traffic Signal Installation, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follow.

907-722.02.3--Design Strength Requirements. Delete Subsection 722.02.3 on pages 864 thru 866, and substitute the following.

Unless specified otherwise in the plans, poles shall meet the requirements of the AASHTO *Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals,* as specified in the plans with all interim supplements. All components of the assemblies shall be designed to the following:

- Importance Factor: 1.0; 50 year mean recurrence interval
- Basic Wind Speed (3 second gust): As shown on the project plans
- Minimum Gust Effect Factor: 1.14
- Fatigue Category: II
- Ice Loading: As shown on the project plans
- Natural Wind Gust Pressure Loads: Included
- Truck Induced Gust Pressure Loads: Not included
- Galloping: Not included

907-722.02.5--Mast Arms for Traffic Signal and Equipment Poles. Delete the first four sentences of the third paragraph of Subsection 722.02.5 on page 867, and substitute the following.

Anchor base plates must meet the minimum requirements of ASTM A36 or ASTM A709 Grade 36 or ASTM A572 Grade 50 and must be welded to the shaft by either telescoped with two continuous arc welds or by back up ring using full penetration welds.. Flange plate shall telescope the large end of the arm and be welded by either two (2) continuous arc welds, one (1) being on the outside of the plate, adjacent to the shaft, and the other one (1) on the inside at the end of the tubular cross section or by back up ring using full penetration welds. The thru-bolt flange plate or tapped flange plate supporting the mast arm shall be welded to the pole near the top and supported side plate tangent to the pole and gusset plates both top and bottom. The thru-bolt or tapped flange plate must be sufficient to develop the full capacity of the connecting bolts.

907-722.03--Electric Cable. Delete the paragraphs for Loop Detector Wire and Loop Detector Lead-in Cable in Subsection 722.03 on page 869.

Delete the first sentence of "Communication Cable" in Subsection 722.03 on page 870, and substitute the following.

Communication cables shall be as per the manufacturer's recommendation.

907-722.05.4--Type III or Type IV Rigid Non-Metallic Conduit. After the last sentence of Subsection 722.05.4 on page 871, add the following.

Schedule 40 conduit shall be used unless otherwise noted in the plans.

Delete the title of Subsection 722.13.3 on page 876, and substitute the following.

907-722.13.3--Power Service Pedestal.

Delete the first paragraph of Subsection 722.13.3 on page 876, and substitute the following.

The pedestal shall be of NEMA Type 3R rainproof construction and shall be UL Listed as "Enclosed Industrial Control Equipment" (UL 508A). External construction shall comply with UL50 requirements and shall be unpainted aluminum.

Nominal size of the pedestal shall be 48"H x 16"W x 16"D.

Pedestal shall have a voltage rating or 120v/240v single phase with an Amperage rating of 800A.

After the first sentence of the seventh paragraph of Subsection 722.13.3 on page 876, add the following.

An outdoor rated heavy duty combination lock shall be provided to lock the customer compartment door.

907-722.14.1.3--Optical System. Delete the sixteenth paragraph of Subsection 722.14.1.3 on page 879, and substitute the following.

The signal module on-board circuitry shall include voltage surge protection to withstand high-repetition noise transients and low-repetition high-energy transients as stated in Section 2.1.6, NEMA Standard TS 2, 1992.

Delete the last sentence of the seventeenth paragraph of Subsection 722.14.1.3 on page 879, and substitute the following.

Load switches shall be compatible with NEMA TS 1 or later, or Model 170-1989 or later.

Delete Subsection 722.14.5 on page 882, and substitute the following.

907-722.14.5--Blank.

Delete Subsections 722.14.7 and 722.14.8 on page 882.

Form CSD-612LPA
Rev. 1/2021

PROGRESS SCHEDULE

PROJECT NUMBER FBLD-8769-00(001)LPA/108639-801000

COUNTY Forrest

WORK PHASE NO.	DESCRIPTION	LINE NUMBERS	YEAR 2022 JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOV	DEC	YEAR 2023 JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOV	DEC	
1	Miscellaneous					0											139										
2	Excavation and Drainage					20		29	46	55	71	80	99	110													
3	Base and Pavement						30	34	56	59	81	84	109	114													
4	Pedestrian Facilities						35	46	60	71	85	96	113	126													
5	Traffic Safety					0											139										
6	Pavement Markings							47	48	72	73	97	98	127	129												
7	Bridges/Retaining Walls																										
	LET:	01/15/21																									
	Anticipated NOA:	03/01/22																									
	Anticipated NTP/BCT:	05/01/22																									
	Working Days:	139																									
MONTH			JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOV	DEC	172 WORKING
ANTICIPATED WORKING DAYS PER MONTH			6	7	11	15	19	20	21	21	20	16	11	5	6	7	11	15	19	20	21	21	20	16	11	5	DAYS PER YEAR

NOTE: THE ANTICIPATED WORKING DAYS SHOWN ON THIS SCHEDULE ARE INFORMATIONAL PURPOSES ONLY.
THE ACTUAL WORKING DAY TOTAL AS ASSESSED BY THE PROJECT ENGINEER ON FORM CSD-765 SHALL GOVERN.

S E C T I O N 9 0 5 - P R O P O S A L

Date _____

TO: _____

_____

Sirs: The following proposal is made on behalf of _____
_____ of _____
_____
for constructing the following designated project(s) within the time(s) hereinafter specified.

The plans are composed of drawings and blue prints on file in the offices of _____ _____, Mississippi.

The Specifications are the current Standard Specifications of the Mississippi Department of Transportation approved by the Federal Highway Administration, except where superseded or amended by the plans, Special Provisions and Notice(s) to Bidders attached hereto and made a part thereof.

I (We) certify that I (we) possess a copy of said Standard and any Supplemental Specifications.

Evidence of my (our) authority to submit the Proposal is hereby furnished. The proposal is made without collusion on the part of any person, firm or corporation. I (We) certify that I (we) have carefully examined the Plans, the Specifications, including the Special Provisions and Notice(s) to Bidders, herein, and have personally examined the site of the work. On the basis of the Specifications, Special Provisions, Notice(s) to Bidders, and Plans, I (we) propose to furnish all necessary machinery, tools, apparatus and other means of construction and do all the work and furnish all the materials in the manner specified. I (We) understand that the quantities mentioned herein are approximate only and are subject to either increase or decrease, and hereby propose to perform any increased or decreased quantities of work at the unit prices bid, in accordance with the above.

I (We) acknowledge that this proposal will be found irregular and/or non-responsive unless a certified check, cashier's check, or Proposal Guaranty Bond in the amount as required in the Advertisement (or, by law) is submitted electronically with the proposal or is delivered to the office of _____ located at _____ prior to the bid opening time specified in the advertisement.

INSTRUCTION TO BIDDERS: Alternate and Optional Items on Bid Schedule.

1. Two or more items entered opposite a single unit quantity WITHOUT DEFINITE DESIGNATION AS "ALTERNATE ITEMS" are considered as "OPTIONAL ITEMS". Bidders may or may not indicate on bids the Optional Item proposed to be furnished or performed WITHOUT PREJUDICE IN REGARD TO IRREGULARITY OF BIDS.
2. Items classified on the bid schedule as "ALTERNATE ITEMS" and/or "ALTERNATE TYPES OF CONSTRUCTION" must be preselected and indicated on bids. However, "Alternate Types of Construction" may include Optional Items to be treated as set out in Paragraph 1, above.
3. Optional items not preselected and indicated on the bid schedule MUST be designated in accordance with Subsection 102.06 prior to or at the time of execution of the contract.
4. Optional and Alternate items designated must be used throughout the project.

I (We) further propose to perform all "force account or extra work" that may be required of me (us) on the basis provided in the Specifications and to give such work my (our) personal attention in order to see that it is economically performed.

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

S E C T I O N 9 0 5 - P R O P O S A L (CONTINUED)

I (We) shall submit electronically with our proposal or deliver prior to the bid opening time a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

I (We) hereby certify by conventional signature below of a paper bid submission, or by digital signature of an electronic submission via any authorized electronic submittal software, of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the _____. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the _____ to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the _____ election upon award. Failure to so execute at the request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____

TOTAL ADDENDA: _____
(Must agree with total addenda issued prior to opening of bids)

Respectfully submitted,

DATE: _____

_____
Contractor

BY: _____

TITLE: _____

ADDRESS: _____

CITY: _____

PHONE: _____

FAX: _____

EMAIL: _____

Bid Schedule

Project Number FBLD-8769-00(001) / 108639 - 801000

County FORREST

Project Description Federal Build Project - Phase I - Hall Avenue Roundabout - I

I (We) agree to complete the entire project within the specified contract time.

*****SPECIAL NOTICE TO BIDDERS*****

BIDS WILL NOT BE CONSIDERED UNLESS BOTH UNIT PRICES AND ITEM TOTALS ARE ENTERED.

BIDS WILL NOT BE CONSIDERED UNLESS THE BID CERTIFICATE LOCATED AT THE END OF THE BID SHEET IS SIGNED.

Line No.	Pay Item No.	Plan Quantity	Unit	Description	Unit Price	Item Total
10	201-A001	1	LS	Clearing and Grubbing	XXXXX	
20	202-B052	399	SY	Removal of Concrete Driveways, All Depths		
30	202-B080	562	SY	Removal of Concrete Sidewalk		
40	202-B089	3,050	LF	Removal of Curb &/or Curb and Gutter, All Types		
50	202-B163	2	EA	Removal of Inlet Tops		
60	202-B165	5	EA	Removal of Inlets, All Sizes		
70	202-B188	4,611	SY	Removal of Pavement, All Types and Depths		
80	202-B191	266	LF	Removal of Pipe, 8" And Above		
90	202-B219	5	EA	Removal of Sign, Ground Mounted with Posts		
100	202-B244	33	EA	Removal of Trees		
110	203-A001	150	CY	Unclassified Excavation, FM, AH		
120	203-EX018	1,650	CY	Borrow Excavation, AH, FME, Class B7-6		
130	203-G001	100	CY	Excess Excavation, FM, AH		
140	206-A001	165	CY	Structure Excavation		
150	209-A005	5,560	SY	Geotextile Stabilization, Type V, Non-Woven		
160	211-B001	690	CY	Topsoil for Slope Treatment, Contractor Furnished		
170	211-C001	115	CY	Topsoil for Plant Holes, Contractor Furnished		
180	216-B002	6,200	SY	Solid Sodding, Centipede		
190	219-A001	125	KGAL	Watering	20.00	$2,500.00
200	220-A001	1	ACRE	Insect Pest Control	30.00	$30.00
210	230-A051	42	EA	Shrub Planting, Giant Liriope		
220	230-A053	6	EA	Shrub Planting, Glossy Abelia		
230	230-A094	2	EA	Shrub Planting, Nellie R. Stevens Holly		
240	230-A100	515	EA	Shrub Planting, Parsons Juniper		

250	230-A108	26	EA	Shrub Planting, Purple Pixie Loropetalum		
260	230-B027	12	EA	Tree Planting, Crape Mytle 'Watermelon Red'		
270	230-B049	14	EA	Tree Planting, Little Gem Magnolia		
280	230-B082	3	EA	Tree Planting, Sweet Bay Magnolia		
290	230-B095	2	EA	Tree Planting, Willow Oak		
300	230-D001	2,500	SF	Bed Preparation		
310	232-A003	1	K	Fertilizer for Woody Plant Material, Tablet, 21 gram		
320	233-A003	25	CY	Tree Bark Mulch, Type III		
330	233-A005	30	CY	Tree Bark Mulch, Type V		
340	L00011 - 230-B500	13	EA	Tree Planting, Chinese Elm		
350	L00076 - 230-A500	25	EA	Shrub Planting, Blue Cascade Distylium		
360	L00076 - 230-A500	48	EA	Shrub Planting, Drift Rose "Peach"		
370	234-A001	2,000	LF	Temporary Silt Fence		
380	237-A002	300	LF	Wattles, 20"		
390	246-B002	200	LF	Rockbags		
400	907-259-F001	4	EA	Weatherproof GFCI Receptacle		
410	907-637-C026	100	LF	Traffic Signal Conduit, Underground, Type 4, 1"		
420	907-637-C028	210	LF	Traffic Signal Conduit, Underground, Type 4, 2"		
430	907-637-D002	420	LF	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"		
440	682-A034	2,780	LF	Underground Branch Circuit, AWG 6, 3 Conductor		
450	682-B032	50	LF	Underground Branch Circuit, Jacked or Bored, AWG 6, 3 Conductor		
460	682-F001	1	EA	Secondary Power Controller		
470	684-A003	24	CY	Pole Foundation, 24" Diameter		
480	L00034 - 907-683-PP500	12	EA	Lighting Assembly, Low Mast, Per Plans Type A		
490	L00034 - 907-683-PP500	5	EA	Lighting Assembly, Low Mast, Per Plans Type B		
500	L00034 - 907-683-PP500	3	EA	Lighting Assembly, Low Mast, Per Plans Type C		
510	304-G001	1,125	CY	Size 3/4" and Down Crushed Stone Base, AEA		
				OR		
520	304-G002	1,125	CY	Size 610 Crushed Stone Base, AEA		
				OR		
530	304-G003	1,125	CY	Size 825B Crushed Stone Base, AEA		
540	403-A002	540	TON	12.5-mm, MT, Asphalt Pavement		
550	403-A005	800	TON	19-mm, MT, Asphalt Pavement		
560	403-A014	570	TON	9.5-mm, MT, Asphalt Pavement		
570	406-A002	1,997	SY	Cold Milling of Bituminous Pavement, All Depths		
580	407-A001	800	GAL	Asphalt for Tack Coat		

590	907-417-A001	184	SY	Polymer Cement Surface System		
600	608-A001	1,664	SY	Concrete Sidewalk, Without Reinforcement		
610	609-A001	235	LF	Concrete Gutter, Special Design		
620	609-A001	30	LF	Concrete Gutter, Special Design Valley Gutter		
630	609-B002	1,199	LF	Concrete Curb, Header		
640	609-B005	250	LF	Concrete Curb, Special Design Header		
650	609-D004	302	LF	Combination Concrete Curb and Gutter Type 2 Modified		
660	609-D014	2,174	LF	Combination Concrete Curb and Gutter Type 3B Modified		
670	613-D005	7	EA	Adjustment of Manhole		
680	613-D010	6	EA	Adjustment of Water Meter		
690	613-D011	4	EA	Adjustment of Water Valve		
700	614-B003	580	SY	Concrete Driveway, With Reinforcement, 6-inch Thickness		
710	616-A001	393	SY	Concrete Median and/or Island Pavement, 10-inch		
720	907-616-C001	4,432	SF	Colored and Imprinted Concrete Median and Island Pavement, 10-inch Thickness		
730	601-B001	19	CY	Class "B" Structural Concrete, Minor Structures		
740	602-A001	1,697	LBS	Reinforcing Steel		
750	603-CA004	328	LF	15" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets		
760	603-CA012	32	LF	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets		
770	603-CE003	224	LF	22" x 13" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets		
780	603-CE009	32	LF	29" x 18" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets		
790	604-A001	2,330	LBS	Castings		
800	604-B001	3,510	LBS	Gratings		
810	618-A001	1	LS	Maintenance of Traffic	XXXXX	
820	619-A2002	3,272	LF	Temporary Traffic Stripe, Continuous Yellow		
830	619-A5001	200	LF	Temporary Traffic Stripe, Detail		
840	619-A6001	124	SF	Temporary Traffic Stripe, Legend		
850	619-A6002	96	LF	Temporary Traffic Stripe, Legend		
860	619-D1001	195	SF	Standard Roadside Construction Signs, Less than 10 Square Feet		
870	619-D2001	209	SF	Standard Roadside Construction Signs, 10 Square Feet or More		

880	619-G4001	24	LF	Barricades, Type III, Double Faced		
890	619-G4005	180	LF	Barricades, Type III, Single Faced		
900	619-G5001	59	EA	Free Standing Plastic Drums		
910	619-G7001	3	EA	Warning Lights, Type "B"		
920	620-A001	1	LS	Mobilization	XXXXX	
930	626-E003	2,444	LF	6" Thermoplastic Traffic Stripe, Continuous Yellow		
940	626-G002	803	LF	Thermoplastic Detail Stripe, White		
950	626-G003	696	LF	Thermoplastic Detail Stripe, Yellow		
960	626-H004	245	SF	Thermoplastic Legend, White		
970	626-H005	540	LF	Thermoplastic Legend, White		
980	627-K001	6	EA	Red-Clear Reflective High Performance Raised Markers		
990	627-L001	109	EA	Two-Way Yellow Reflective High Performance Raised Markers		
1000	630-A001	168	SF	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness		
1010	630-A003	45	SF	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness		
1020	630-C003	421	LF	Steel U-Section Posts, 3.0 lb/ft		
1030	907-632-B007	1	EA	Remove and Replace Existing Traffic Signal Cabinet Assembly, Type III Cabinet, Type 1 Controller		
1040	907-643-A003	1	EA	Video Vehicle Detection Sensor, Type 3		
1050	907-643-B001	150	LF	Video Vehicle Detection Cable		
1060	699-A001	1	LS	Roadway Construction Stakes	XXXXX	
					Total Bid Amount	

1. I/We agree that no less than _____ percent shall be expended with small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE and WBE).

2. Classification of Bidder: Small Business (DBE) _____ Small Business(WBE) _____

3. A joint venture with a Small Business (DBE/WBE): YES _____

***** SIGNATURE STATEMENT *****

BIDDER ACKNOWLEDGES THAT HE/SHE HAS CHECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFY THAT THE FIGURES SHOWN THEREIN CONSTITUTE THEIR OFFICIAL BID.

BIDDER'S SIGNATURE

1. I/We agree that no less than _____ percent shall be expended with small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE and WBE).

2. Classification of Bidder: Small Business (DBE) _____ Small Business(WBE) _____

3. A joint venture with a Small Business (DBE/WBE): YES _____

***** SIGNATURE STATEMENT *****

BIDDER ACKNOWLEDGES THAT HE/SHE HAS CHECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFY THAT THE FIGURES SHOWN THEREIN CONSTITUTE THEIR OFFICIAL BID.

BIDDER'S SIGNATURE

Certification with regard to the Performance of Previous Contracts or Subcontracts subject to the Equal Opportunity Clause and the filing of Required Reports

The Bidder ____, proposed Subcontractor ____, hereby certifies that he has ____, has not ____, participated in a previous contract or subcontract subject to the Equal Opportunity Clause, as required by Executive Orders 10925, 11114, or 11246, and that he has ____, has not ____, filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

_____
(COMPANY)

BY _____

_____
(TITLE)

DATE: _____

NOTE: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7 (b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the Equal Opportunity Clause. Contracts and Subcontracts which are exempt from the Equal Opportunity Clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of $10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime Contractors and Subcontractors who have participated in a previous contract or subcontract subject to the Executive orders and have not filed the required reports should note that 41 CFR 60-1.7 (b) (1) prevents the award of contracts and subcontracts unless such Contractors submit a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U. S. Department of Labor.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

NON-COLLUSION AFFIDAVIT
(Execute in duplicate)

I, _____,
(Name of person signing affidavit)

individually, and in my capacity as _____ of
(Title)

_____ do hereby certify under
(Name of Firm, Partnership, or Corporation)

penalty of perjury under the laws of the United States and the State of Mississippi that _____

_____, Bidder
(Name of Firm, Partnership, or Corporation)

on Project No. _____,

in _____ County(ies), Mississippi, has not either

directly or indirectly entered into any agreement, participated in any collusion; or otherwise taken any action in restraint of free competitive bidding in connection with this contract; nor have any of its corporate officers or principal owners.

Except as noted hereafter, it is further certified that said legal entity and its corporate officers, principal owners, managers, auditors and others in a position of administering federal funds:

a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in (b) above; and

d) Have not within a three-year period preceding this application/ proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

Initial here "_____" if exceptions are attached and made a part thereof. Any exceptions shall address to whom it applies, initiating agency and dates of such action.

Note: Exceptions will not necessarily result in denial of award but will be considered in determining bidder responsibility. Providing false information may result in criminal prosecution or administrative sanctions.

The bidder further certifies that the certification requirements contained in Section XI of Form FHWA 1273, will be or have been included in all subcontracts, material supply agreements, purchase orders, etc. except those procurement contracts for goods or services that are expected to be less than the Federal procurement small purchase threshold fixed at 10 U.S.C. 2304(g) and 41 U.S.C. 253(g) (currently $25,000) which are excluded from the certification requirements.

The bidder further certifies, to the best of his or her knowledge and belief, that:

1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this contract, Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions will be completed and submitted.

The certification contained in (1) and (2) above is a material representation of fact upon which reliance is placed and a prerequisite imposed by Section 1352, Title 31, U.S. Code prior to entering into this contract. Failure to comply shall be subject to a civil penalty of not less than $10,000 and not more than $100,000. The bidder shall include the language of the certification in all subcontracts exceeding $100,000 and all subcontractors shall certify and disclose accordingly.

All of the foregoing and attachments (when indicated) is true and correct.

Executed on _____ _____

Signature

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

NON-COLLUSION AFFIDAVIT
(Execute in duplicate)

I, _____,
(Name of person signing affidavit)

individually, and in my capacity as _____ of
(Title)

_____ do hereby certify under
(Name of Firm, Partnership, or Corporation)

penalty of perjury under the laws of the United States and the State of Mississippi that _____

_____, Bidder
(Name of Firm, Partnership, or Corporation)

on Project No. _____,

in _____ County(ies), Mississippi, has not either

directly or indirectly entered into any agreement, participated in any collusion; or otherwise taken any action in restraint of free competitive bidding in connection with this contract; nor have any of its corporate officers or principal owners.

Except as noted hereafter, it is further certified that said legal entity and its corporate officers, principal owners, managers, auditors and others in a position of administering federal funds:

a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in (b) above; and

d) Have not within a three-year period preceding this application/ proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

Initial here "_____" if exceptions are attached and made a part thereof. Any exceptions shall address to whom it applies, initiating agency and dates of such action.

Note: Exceptions will not necessarily result in denial of award but will be considered in determining bidder responsibility. Providing false information may result in criminal prosecution or administrative sanctions.

The bidder further certifies that the certification requirements contained in Section XI of Form FHWA 1273, will be or have been included in all subcontracts, material supply agreements, purchase orders, etc. except those procurement contracts for goods or services that are expected to be less than the Federal procurement small purchase threshold fixed at 10 U.S.C. 2304(g) and 41 U.S.C. 253(g) (currently $25,000) which are excluded from the certification requirements.

The bidder further certifies, to the best of his or her knowledge and belief, that:

1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this contract, Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions will be completed and submitted.

The certification contained in (1) and (2) above is a material representation of fact upon which reliance is placed and a prerequisite imposed by Section 1352, Title 31, U.S. Code prior to entering into this contract. Failure to comply shall be subject to a civil penalty of not less than $10,000 and not more than $100,000. The bidder shall include the language of the certification in all subcontracts exceeding $100,000 and all subcontractors shall certify and disclose accordingly.

All of the foregoing and attachments (when indicated) is true and correct.

Executed on _____ _____

Signature

LOCAL PUBLIC AGENCY (LPA)

S E C T I O N 9 0 2

CONTRACT FOR _____

LOCATED IN THE COUNTY OF _____

STATE OF MISSISSIPPI,

_____

This contract entered into by and between the Local Public Agency _____

_____ (hereinafter "LPA") on one hand, and the undersigned contractor, on the other witnesseth;

That, in consideration of the payment by the LPA of the prices set out in the proposal hereto attached, to the undersigned contractor, such payment to be made in the manner and at the time of times specified in the specifications and the special provisions, if any, the undersigned contractor hereby agrees to accept the prices stated in the proposal in full compensation for the furnishing of all materials and equipment and the executing of all the work contemplated in this contract.

It is understood and agreed that the advertising according to law, the Advertisement, the instructions to bidders, the proposal for the contract, the specifications, the revisions of the specifications, the special provisions, and also the plans for the work herein contemplated, said plans showing more particularly the details of the work to be done, shall be held to be, and are hereby made a part of this contract by specific reference thereto and with like effect as if each and all of said instruments had been set out fully herein in words and figures.

It is further agreed that for the same consideration the undersigned contractor shall be responsible for all loss or damage arising out of the nature of the work aforesaid; or from the action of the elements and unforeseen obstructions or difficulties which may be encountered in the prosecution of the same and for all risks of every description connected with the work, exceptions being those specifically set out in the contract; and for faithfully completing the whole work in good and workmanlike manner according to the approved Plans, Specifications, Special Provisions, Notice(s) to Bidders and requirements of the LPA.

It is further agreed that the work shall be done under the direct supervision and to the complete satisfaction of the LPA or their authorized representatives, and when Federal Funds are involved subject to inspection at all times and approval by the Mississippi Department of Transportation or Federal Highway Administration, or its agents as the case may be, or the agents of any other Agency whose funds are involved in accordance with those Acts of the Legislature of the State of Mississippi approved by the Governor and such rules and regulations issued pursuant thereto by the Mississippi Transportation Commission and the authorized Federal Agencies.

The Contractor agrees that all labor as outlined in the Special Provisions may be secured from list furnished by

Manager, WIN Job Center nearest the project

It is agreed and understood that each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and this contract shall be read and enforced as though it were included herein, and, if through mere mistake or otherwise any such provision is not inserted, then upon the application of either party hereto, the contract shall forthwith be physically amended to make such insertion.

The Contractor agrees that he has read each and every clause of this Contract, and fully understands the meaning of same and that he will comply with all the terms, covenants and agreements therein set forth.

Witness our signatures this the _____ day of _____, 20____.

_____

Contractor(s)

By _____ _____

Title _____ By _____

Signed and sealed in the presence of: LPA Official

(Names and address of witnesses)

_____ _____

LPA Clerk

Award authorized by the LPA in session on the _____day of _____, 20___, as recorded _____

LOCAL PUBLIC AGENCY (LPA)

S E C T I O N 9 0 3
PERFORMANCE AND PAYMENT BOND

CONTRACT BOND FOR _____

LOCATED IN THE COUNTY OF _____

STATE OF MISSISSIPPI,

_____

Know all men by these presents: that we, _____
(Contractor)

(hereinafter "Principal"), a _____

residing at _____ in the State of _____

and _____
(Surety)

residing at _____ in the State of _____

authorized to do business in the State of Mississippi, under the laws thereof, as surety, are held and firmly bound unto the Local Public Agency _____, (hereinafter "LPA"), in the sum of _____

($ _____ **)** Dollars, lawful money of the United States of America, to be paid to it for which payment well and truly to be made, we bind ourselves, our heirs, administrators, successors, or assigns jointly and severally by these presents.

The conditions of this bond are such, that whereas the said Principal, has (have) entered into a contract with the LPA, bearing the date of _____day of _____ A.D. _____ hereto annexed, for the construction of certain project(s) in the State of Mississippi as mentioned in said contract in accordance with the Contract Documents therefor, on file in the offices of the LPA.

Now therefore, if the above bounden Principal in all things shall stand to and abide by and well and truly observe, do keep and perform all and singular the terms, covenants, conditions, guarantees and agreements in said contract, contained on his (their) part to be observed, done, kept and performed and each of them, at the time and in the manner and form and furnish all of the material and equipment specified in said contract in strict accordance with the terms of said contract which said plans, specifications and special provisions are included in and form a part of said contract and shall maintain the said work contemplated until its final completion and acceptance as specified in Subsection 109.11 of the approved specifications, and save harmless said LPA from any loss or damage arising out of or occasioned by the negligence, wrongful or criminal act, overcharge, fraud, or any other loss or damage whatsoever, on the part of said principal (s), his (their) agents, servants, or employees in the performance of said work or in any manner connected therewith, and shall be liable and responsible in a civil action instituted by the LPA at the instance of any officer of the LPA authorized in such cases, for double any amount in money or property, the LPA may lose or be overcharged or otherwise defrauded of, by reason of wrongful or criminal act, if any, of the

LOCAL PUBLIC AGENCY (LPA)

Contractor(s), his (their) agents or employees, and shall promptly pay the said agents, servants and employees and all persons furnishing labor, material, equipment or supplies therefor, including premiums incurred, for Surety Bonds, Liability Insurance, and Workmen's Compensation Insurance; with the additional obligation that such Contractor shall promptly make payment of all taxes, licenses, assessments, contributions, damages, any liquidated damages which may arise prior to any termination of said principal's contract, any liquidated damages which may arise after termination of the said principal's contract due to default on the part of said principal, penalties and interest thereon, when and as the same may be due this state, or any county, municipality, board, department, commission or political subdivision: in the course of the performance of said work and in accordance with Sections 31-5-51 et seq. Mississippi Code of 1972, and other State statutes applicable thereto, and shall carry out to the letter and to the satisfaction of the LPA Official, all, each and every one of the stipulations, obligations, conditions, covenants and agreements and terms of said contract in accordance with the terms thereof and all of the expense and cost and attorney's fee that may be incurred in the enforcement of the performance of said contract, or in the enforcement of the conditions and obligations of this bond, then this obligation shall be null and void, otherwise to be and remain in full force and virtue.

_____	_____
(Contractors) Principal	Surety
By _____	By _____
	(Signature) Attorney in Fact
	Address: _____
	_____
Title _____	_____
(Contractor's Seal)	(Printed) Mississippi Agent
	_____
	(Signature) Mississippi Agent
	Address: _____
	_____
	_____
	(Surety Seal)
	_____
	Mississippi Insurance ID Number

MDOT Certification Form for Sub-Awards
Executive Compensation Reporting for Transparency Act

On behalf of the entity named below, I certify that I have personally read and reviewed the executive compensation reporting requirements of the Federal Funding Accountability and Transparency Act of 2006, as amended by Section 6202 of the Government Funding Transparency Act of 2008 [FFATA], and certify under penalty of perjury pursuant to Section 97-9-61, Mississippi Code of 1972, as amended, the following:

Local Entity Name: City of Hattiesburg

Data Universal Numbering System (DUNS) Number : 079448130 (required)

__X__ The local entity listed below receiving federal funds from MDOT **is not** required to report executive compensation under the Federal Funding Accountability and Transparency Act of 2006, as amended by Section 6202 of the Government Funding Transparency Act of 2008 [FFATA].

_____ The local entity listed below receiving federal funds from MDOT **is required** to report executive compensation under the Federal Funding Accountability and Transparency Act of 2006, as amended by Section 6202 of the Government Funding Transparency Act of 2008 [FFATA], listed below are the names and total annual compensation of the five most highly compensated officers of the entity:

	NAME	TOTAL ANNUAL COMPENSATION
1.		
2.		
3.		
4.		
5.		

The entity acknowledges that a false statement in this certification may be subject to criminal prosecution, including under 18 U.S.C. §§ 1001 (false statements) and 1621 (perjury), and 28 U.S.C. §1746 (declarations under penalty of perjury). The entity also acknowledges that said projects, including certifications provided in connection with such projects and grants are subject to review by the Mississippi Department of Transportation, the Mississippi State Auditor, and the Mississippi Office of Attorney General.

Entity Chief Official

10/14/21
Date

Guidance for Federal Spending Transparency:
Subaward and Executive Compensation Data
Reporting Requirements for FFATA Implementation

Summary

1. Prime awardees and sub awardees of Federal financial assistance must report executive compensation data if they meet the statutory reporting thresholds. For the Federal-aid Highway Program, this means that the State, and any subawardees of Federal-aid funds through the State, is subject to the executive compensation reporting requirement.

• names and total compensation of the five most highly compensated officers of the entity if the entity in the preceding fiscal year received 80 percent or more of its annual gross revenues in Federal awards; and $25,000,000 or more in annual gross revenues from Federal awards; and the public does not have access to this information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. §§ 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. See FFATA § 2(b)(1).

Background

Beginning October 1, 2010, guidance directs compliance with the Transparency Act to report prime and first-tier subaward data. Federal agencies and prime awardees will report to ensure disclosure of Federal contract and grant subaward and executive compensation data.

The Transparency Act requires information disclosure concerning entities receiving Federal financial assistance through Federal awards such as Federal contracts, sub-contracts, grants, and sub-grants.

Specifically, the Transparency Act's section 2(b)(1) requires the Office of Management and Budget ("OMB") to ensure the establishment of a publicly available website that contains the following information about each Federal award:

• name of the entity receiving the award;

• amount of the award;

• information on the award including transaction type, funding agency, the North American Industry Classification System code or Catalog of Federal Domestic Assistance number, program source, award title descriptive of the purpose of each funding action;

• location of the entity receiving the award and primary location of performance under the award, including city, State, congressional district, and country;

• unique identifier of the entity receiving the award and the parent entity of the recipient, should the entity be owned by another entity; and

• names and total compensation of the five most highly compensated officers of the entity if the entity in the preceding fiscal year received 80 percent or more of its annual gross revenues in Federal awards; and $25,000,000 or more in annual gross revenues from Federal awards; and the public does not have access to this information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. §§ 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. See FFATA § 2(b)(1).

OCR-481-LPA
REV. 06/16

LPA PROJECT

DISADVANTAGED BUSINESS ENTERPRISE LIST

PROJECT NUMBER :

NAME OF DBE FIRM: ☐ RACE CONSCIOUS ☐ RACE NEUTRAL

COUNTY:

CITY :

A	B	C
REFERENCE NUMBER OF ITEMS	PERCENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
TOTAL		
PER CENT OF TOTAL BID		

***** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. *****

SIGNATURE OF DBE **SIGNATURE OF PRIME**

DATE APPROVED:

Prime Contractor Firm Name

APPROVED BY:

LPA Project Director Name (Printed) **Submitted By Name**

LPA Project Director (Signature) **TITLE**

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE DBE FIRM LISTED ABOVE AND I MAKE THIS COMMITMENT WITH THE UNDERSTANDING THAT IF I FAIL FOR GOOD REASON TO FULFILL THIS COMMITMENT I HAVE LISTED I WILL FULFILL THE TERMS OF MY CONTRACT AS LONG AS I REACH OR EXCEED THE CONTRACT GOAL OF %.

INSTRUCTIONS :

1. SUBMIT THIS FORM TO THE **LPA Project Director** ***FOR THEIR SIGNATURE*** NO LATER THAN THE THIRD (3) BUSINESS DAY AFTER THE OPENING OF THE BIDS.
2. 60 % CREDIT IS ALLOWED TOWARD THE DBE GOAL FOR SUPPLIERS.
3. THE ACTUAL SUBCONTRACT AGREEMENT MUST EQUAL OR EXCEED THE DOLLAR AMOUNT SHOWN IN COLUMN " C ".
4. IF THE DBE FIRM PERFORMS " ALL OF THE WORK " PERTAINING TO A SUBCONTRACTED ITEM ENTER 100 % IN COLUMN " B ".
5. IF THE DBE FIRM PERFORMS " A PORTION OF THE WORK " PERTAINING TO A SUBCONTRACTED ITEM THE PERCENTAGE IS CALCULATED BASED ON THE TOTAL VALUE OF THE ITEM AND ENTERED IN COLUMN " B ". A BREAKDOWN OF THE COST MUST ACCOMPANY THIS SITUATION.

OCR-481-LPA
REV. 06/16

LPA PROJECT

DISADVANTAGED BUSINESS ENTERPRISE LIST

PROJECT NUMBER :

NAME OF DBE FIRM: ☐ RACE CONSCIOUS ☐ RACE NEUTRAL

COUNTY:

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A	B	C
REFERENCE NUMBER OF ITEMS	PERCENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
TOTAL		
PER CENT OF TOTAL BID		

***** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. *****

SIGNATURE OF DBE **SIGNATURE OF PRIME**

DATE APPROVED:

Prime Contractor Firm Name

APPROVED BY:

LPA Project Director Name (Printed) **Submitted By Name**

LPA Project Director (Signature) **TITLE**

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE DBE FIRM LISTED ABOVE AND I MAKE THIS COMMITMENT WITH THE UNDERSTANDING THAT IF I FAIL FOR GOOD REASON TO FULFILL THIS COMMITMENT I HAVE LISTED I WILL FULFILL THE TERMS OF MY CONTRACT AS LONG AS I REACH OR EXCEED THE CONTRACT GOAL OF %.

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OCR-481-LPA
REV. 06/16

LPA PROJECT

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CITY :

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REFERENCE NUMBER OF ITEMS	PERCENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
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PER CENT OF TOTAL BID		

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OCR-485-LPA
REV. 04/09

LPA PROJECT

LIST OF FIRMS SUBMITTING QUOTES

I/we received quotes from the following firms on Project No: _____
County: _____

Disadvantaged Business Enterprise (DBE) Regulations as stated in 49 CFR 26.11 require the Mississippi Department of Transportation (MDOT) to create and maintain a comprehensive list of all firms quoting/bidding subcontracts on prime contracts and quoting/bidding subcontracts on federally-funded transportation projects. For every firm, we require the following information:

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

_____
SUBMITTED BY (Signature)

_____
FIRM NAME

Submit this form to the **LPA as a part of your bid package**. If this form is not **signed** and included as part of the bid packet, your bid will be deemed irregular. For further information about this form, call Mississippi DOT's Office of Civil Rights at (601) 359-7466; FAX (601) 576-4504.

Please make copies of this form when needed and also add those copies to the bid package.

OCR-485-LPA
REV. 04/09

LPA PROJECT

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I/we received quotes from the following firms on Project No: _____
County: _____

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Phone Number: _____
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Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
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Phone Number: _____
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Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

_____
SUBMITTED BY (Signature)

_____
FIRM NAME

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OCR-485-LPA
REV. 04/09

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Firm Name: _____
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Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address _____
Phone Number: _____
_____ DBE Firm _____ Non-DBE Firm

_____
SUBMITTED BY (Signature)

_____
FIRM NAME

Submit this form to the **LPA as a part of your bid package**. If this form is not **signed** and included as part of the bid packet, your bid will be deemed irregular. For further information about this form, call Mississippi DOT's Office of Civil Rights at (601) 359-7466; FAX (601) 576-4504.

Please make copies of this form when needed and also add those copies to the bid package.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SAM.GOV Registration and DUNS Number

Bidders are advised that the Prime Contractor must maintain current registration in the **System for Award Management** (http://www.sam.gov) at all times during the project. A Dun and Bradstreet Data Universal Numbering System (DUNS) Number (http://www.dnb.com) is one of the requirements for registration in the System for Award Management.

Bidders are advised that prior to the award of this contract, they MUST be registered in the System for Award Management.

I (We) acknowledge that this contract cannot be awarded if I (We) are not registered in the System for Award Management prior to the award of this contract. _____ (Yes / No)

I (We) have a DUNS Number . _____ (Yes / No)

DUNS Number: _____

Company Name: _____

Company e-mail address: _____

(6/2015F)

For Informational Purposes Only

SECTION 901 - ADVERTISEMENT FOR BIDS

CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI

NOTICE TO CONTRACTORS

HALL AVENUE ROUNDABOUT PROJECT AT BAY STREET/ARLEDGE STREET/JAMES STREET
FEDERAL-AID PROJECT NO. FBLD-8769-00(001) LPA / 108639-801000

Sealed bids will be received by the City of Hattiesburg, at the City Clerk's office, Mississippi, hereafter referred to as Owner, located at 200 Forrest Street, Hattiesburg, Mississippi, 39401, until 10:00 A.M., Local Time, Thursday, **May 26**, 2022 for supplying all labor, equipment, and materials (as specified) necessary for the construction of the above referenced project. When bids are submitted electronically, the same requirements for submitting sealed bids shall apply. Electronic bids shall be submitted online at www.hattiesburgmsbids.com and shall include a document representing the cover of the envelope containing the aforementioned criteria.

The work shall consist essentially of the following items:

Construction of a roundabout that includes asphalt pavement, sidewalk, drainage improvements, striping, and lighting. All other related items of work required to complete the project as shown and specified in the Contract Documents.

The above general outline of features of the work does not in any way limit the responsibility of the contractor to perform all work and furnish all plant, labor, equipment and materials required by the specifications and the drawings referred to therein.

Contract Drawings, Contract Specifications, Instructions to Bidders and Bidders Proposal forms are on file and open to public inspection in the office of the City Clerk, City of Hattiesburg, 200 Forest Street, Hattiesburg Mississippi 39401. Bid documents are being made available via paper copy or pdf. All interested bidders are required to log-in or register for an account at www.hattiesburgmsbids.com to view and order Bid Documents. All plan holders are required to have a valid email address for registration. Bid documents are non-refundable and must be purchased through this website. Questions regarding website registration and online orders should be directed to our web support line at (662) 407-0193.

The attention of bidders is directed to the Special Provisions governing selection and employment of labor.

> Minimum wage rates for Federal-Aid projects have been predetermined by the Secretary of Labor and are subject to Public Law 87-581 Work Hours Act of 1962, as set forth in the Contract Provisions.

The City of Hattiesburg hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged and women's business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The award of this contract will be contingent upon the Contractor satisfying the DBE/WBE requirements.

The *2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction,* adopted by the Mississippi Department of Transportation, as referred to herein, may be purchased from the Mississippi Department of Transportation.

Each bid shall be accompanied by a Certified Check on a solvent bank or a Bidder's Bond issued by a Surety Company licensed to operate in the State of Mississippi, in the amount of five percent (5%) of the total bid price, payable to the City of Hattiesburg as bid security. Bidders shall also submit a current financial statement, if requested by the City. The successful bidder will be required to furnish a performance and payment bond in the amount of one hundred percent (100%) of the contract amount. Both bonds shall be signed or countersigned by a Mississippi Resident Agent.

The proposal and contract documents in its entirety shall be submitted in a sealed envelope and deposited with the City Clerk, 200 Forrest Street, Hattiesburg, Mississippi prior to the hour and date above designated.

The City of Hattiesburg reserves the right to reject any or all proposals, to waive technicalities or irregularities, or to advertise for new proposals, and the decision of the City of Hattiesburg to reject any bid or proposal shall not be cause for any liability or damages against the City of Hattiesburg, any officers or employees.

The bidder must agree to commence work on or before a date to be specified in a written "Notice to Proceed" of the Owner and to fully complete the project within the Contract Time. The bidder must also agree to pay as liquidated damages the sum specified in the Standard Specifications per day for each calendar day of overrun in Contract Time that work is not completed.

Work to be performed shall be in accordance with the "Mississippi State Highway Standard Specifications for Road and Bridge Construction, 2017", together with all amendments and/or special provisions and/or addenda to the standards duly approved and adopted, unless otherwise noted in these specifications.

The attention of Bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

City Clerk
City of Hattiesburg, Mississippi

Dates of Publication:

April 27, 2022
May 4, 2022

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From: **Chris McGee, Director of Parks and Recreation**

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve the sale of grave spaces, per attached Memo's, Receipts, and Deeds.**
File Number: 2022-251
Minute Book #

Summary
Approve the sale of grave spaces, per attached Memo's, Receipts, and Deeds.

Recommendation Statement
I am recommending approval for the sale of grave spaces.

Please place this on the April 19, 2022 City Council meeting for consideration.

To: CITY COUNCIL

From: Deborah Bourne, Division Manager of Cemeteries

Date: March 31, 2022

Theresa Jones

(1) Space $ 175.00

South Half (S ½) of the Southeast Quarter (SE ¼)

Lot 53, Section 35, Highland Cemetery

Allene Stoval

(1) Space $ 175.00

North Half (N ½) of the Southwest Quarter (SW ¼)

Lot 109, Section 38, Highland Cemetery

Annie Lee Fairley-Gaddis

(1) Space $ 175.00

North Half (N ½) of the Southwest Quarter (SW ¼)

Lot 8, Section 35, Highland Cemetery

Derricka Holliman

(1) Space $ 175.00

South Half (S ½) of the Northeast Quarter (NE ¼)

Lot 74, Section 34, Highland Cemetery

Huey & Wanda Page

(2) Spaces $ 350.00

Northeast Quarter (NE ¼)

Lot 101, Section 38, Highland Cemetery

Huey & Wanda Page

(1) Space $ 175.00

North Half (N ½) of the Southeast Quarter (SE ¼)

Lot 101, Section 38, Highland Cemetery

Jessie Haynes

(1) Space $ 175.00

North Half (N ½) of the Northwest Quarter (NW ¼)

Lot 73, Section 34, Highland Cemetery

Frankie Polk

(1) Space $ 150.00

West Half (W ½) of the Southwest Quarter (SW ¼)

Lot 20, Section 1, South Hill Cemetery

Bobbie Lewis

(1) Space $ 175.00

North Half (N ½) of the Southeast Quarter (SE ¼)

Lot 79, Section 34, Highland Cemetery

To: CITY COUNCIL

From: Deborah Bourne, Division Manager of Cemeteries

Date: April 2, 2022

Christy Richardson

(8) Spaces $ 1,400.00

Entire Lot 108, Section 39

Highland Cemetery

Christy Richardson

(2) Spaces $ 350.00

Southeast Quarter (SE ¼)

Lot 101, Section 39, Highland Cemetery

Christy Richardson

(4) Spaces $ 700.00

West Half (W ½)

Lot 101, Section 39, Highland Cemetery

Carol Marsh

(2) Spaces $ 350.00

Southwest Quarter (SW ¼)

Lot 33, Section 39, Highland Cemetery

Gary & Irma Myers

(2) Spaces $ 300.00

Northwest Quarter (NW ¼)

Lot 81, Section 1, South Hill Cemetery

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03/29/ 2022

SOLD TO:

Mr., Mrs. Miss Annie Lee Fairley-Gaddis

ADDRESS 99 Jim Burch Rd. Hattiesburg MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N ½ SW ¼ Lot No. 8 Section No. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space $ 175.00

Price Received $ 175.00

CASH

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Bruno

Supt. of City Cemeteries

(V)

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03-14- 2022

SOLD TO:

Mr., Mrs. Miss Derricka Hollimon

ADDRESS 715 Quinn St Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S ½ NE ¼ Lot No. 74 Section No. 34 in Highland Cemetery

Number of grave spaces 1 Price per grave space $ 175.00

Price Received $ 175.00

~~cash~~ ck # 1156

115 Sudan 11 Years Funeral Home

CITY OF HATTIESBURG, MISSISSIPPI

By

Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 3-29- 2022

SOLD TO:

Mr., Mrs. Miss THERSA JONES

ADDRESS 116 CHENNY ST, HATTIESBURG MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S ½ SE ¼ Lot No. 53 Section No. 35 in HEALAND Cemetery

Number of grave spaces 1 Price per grave space $ 175.00

Price Received $ 175.00 CASH

CITY OF HATTIESBURG, MISSISSIPPI

By Andy Parker

Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 3-28- 2022

SOLD TO:

Mr., Mrs. Miss ALAYNE STOVAL

ADDRESS 206 HANTFIELD RD. APT 45 HATTIESBURG MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

N ½ SW ¼ Lot No. 109 Section No. 38 in HEIGHLAND Cemetery

Number of grave spaces 1 Price per grave space $ 175.00

Price Received $ 175.00 CASH

CITY OF HATTIESBURG, MISSISSIPPI

By Andy Parker

Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 3-25- 2022

SOLD TO:

Mr.. Mrs. Miss HUEY & WANDA PAGE

ADDRESS 57 HAGGFORD DR. PURVIS MS 39475

desires to purchase the grave space described below, subject to Cemetery regulations.

____ ½ NE ¼ Lot No. 101 Section No. 38 in HIGHLAND Cemetery

Number of grave spaces 3 Price per grave space $ 175.00

Price Received $ 350.00
CREDIT

CITY OF HATTIESBURG, MISSISSIPPI

By [signature]
Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 3-25- 2022

SOLD TO:

Mr.. Mrs. Miss HUEY & WANDA PAGE

ADDRESS 57 HAGGFORD DR PURVIS, MS 39475

desires to purchase the grave space described below, subject to Cemetery regulations.

N ½ SE ¼ Lot No. 101 Section No. 38 in HIGHLAND Cemetery

Number of grave spaces 1 Price per grave space $ 175.00

Price Received $ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

By [signature]
Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03/25/ 2022

SOLD TO:

Mr.. Mrs. Miss Jessie Haynes

ADDRESS 57 Pine Tree Drive, Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

N ½ NW ¼ Lot No. 73 Section No. 34 in Highland Cemetery

Number of grave spaces 1 Price per grave space $ 175.00

Price Received $ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

[signature]

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03-31- 2022

SOLD TO:

Mr., Mrs. Miss Frankie Polk

ADDRESS P.O. Box 245 Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

W ½ SW ¼ Lot No. 20 Section No. 1 in South Hill Cemetery

Number of grave spaces 1 Price per grave space $ 150.00

Price Received $ 150.00

CC

CITY OF HATTIESBURG, MISSISSIPPI

By _____

Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03-31- 2022

SOLD TO:

Mr., Mrs. Miss Bobbie Lewis

ADDRESS 5752 HWY 49 S. Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N ½ SE ¼ Lot No. 79 Section No. 34 in Highland Cemetery

Number of grave spaces 1 Price per grave space $ 175.00

Price Received $ 175.00

CC

CITY OF HATTIESBURG, MISSISSIPPI

By _____

Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 04-02 2022

SOLD TO:

Mr.. Mrs. Miss Christy Richardson

ADDRESS 309 Beverly Lane Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

____ ½ SE ¼ Lot No. 101 Section No. 39 in Highland Cemetery

Number of grave spaces Christy Richardson Price per grave space $ 175.00

Price Received $ 350.00

card

CITY OF HATTIESBURG, MISSISSIPPI

By _____

Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 04-02- 2022

SOLD TO:

Mr.. Mrs. Miss Christy Richardson

ADDRESS 309 Beverly Lane Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

W ½ ____ ¼ Lot No. 101 Section No. 39 in Highland Cemetery

Number of grave spaces 4 Price per grave space $ 175.00

Price Received $ 700.00

card

CITY OF HATTIESBURG, MISSISSIPPI

By _____

Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 04-02- 2022

SOLD TO:

Mr.. Mrs. Miss Christy Richardson

ADDRESS 309 Beverly Lane Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

Entire Lot ½ ____ ¼ Lot No. 108 Section No. 39 in Highland Cemetery

Number of grave spaces 5 Price per grave space $ 175.00

Price Received $ 1400.00

CITY OF HATTIESBURG, MISSISSIPPI

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 04/01 20 22

SOLD TO:

Mr., Mrs. Miss Carol Marsh

ADDRESS 13 Starwood DT. Petal, MS 39465

desires to purchase the grave space described below, subject to Cemetery regulations.

___ ½ SW ¼ Lot No. 33 Section No. 39 in Highland Cemetery

Number of grave spaces 2 Price per grave space $ 175.00

Price Received $ 350.00

Ck# 1048

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Bourne
Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03-31- 2022

SOLD TO:

Mr., Mrs. Miss Gary & Irma Myers

ADDRESS 214 McGilvery Rd. Petal, MS 39465

desires to purchase the grave space described below, subject to Cemetery regulations.

___ ½ NW ¼ Lot No. 84 Section No. 1 in South Hill Cemetery

Number of grave spaces 2 Price per grave space $ 150.00

Price Received $ 300.00

Ck# 1005

CITY OF HATTIESBURG, MISSISSIPPI

By
Supt. of City Cemeteries

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars ($175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Jessie Haynes , subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northwest Quarter (NW¼)

Lot 73 Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars ($175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Huey & Wanda Page , subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Southeast Quarter (SE¼)

Lot 101 Section 38

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars ($350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Huey & Wanda Page, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northeast Quarter (NE¼)

Lot Number 101 Section Number 38

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

_____ _____

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022

My Commission Expires: _____

NOTARY PUBLIC

_____

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars ($175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Theresa Jones , subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Southeast Quarter (SE¼)

Lot 53 Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars ($175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Allene Stoval , subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Southwest Quarter (SW¼)

Lot 109 Section 38

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK MAYOR

(SEAL)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars ($175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Annie Lee Fairley-Gaddis , subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Southwest Quarter (SW¼)

Lot 8 Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK MAYOR

(SEAL)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars ($175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Derricka Holliman , subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northeast Quarter (NE¼)

Lot 74 Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
SOUTH HILL CEMETERY

For and in consideration of the sum of ONE HUNDRED FIFTY AND NO/100 Dollars ($150.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Frankie Polk , subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

West Half (W½) of the Southwest Quarter (SW¼)

Lot Number: 20 Section Number: 1

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as South Hill Cemetery, and containing
One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK
(S E A L)

MAYOR

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and Deputy City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars ($175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Bobbie Lewis , subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Southeast Quarter (SE¼)

Lot 79 Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars ($350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Christy Richardson, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southeast Quarter (SE¼)

Lot Number 101 Section Number 39

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

_____ _____

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022

My Commission Expires:

_____

_____
NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of SEVEN HUNDRED AND NO/100 Dollars ($700.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Christy Richardson, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

West Half (W½)

Lot 101 Section Number: 39

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing Four (4) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

_____ _____

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April 2022.

My Commission Expires: _____

NOTARY PUBLIC

_____

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE THOUSAND FOUR HUNDRED AND NO/100 Dollars ($1,400.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Christy Richardson, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:.

Entire Lot
Lot Number: 108 **Section Number: 39**

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

eight (8) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

_____ _____
CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022.

My Commission Expires: _____ Notary Public: _____

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars ($350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Carol Marsh, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southwest Quarter (SW¼)

Lot Number 33 Section Number 39

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

_____ _____

CITY CLERK MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April, 2022

My Commission Expires:

_____

_____
NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
SOUTH HILL CEMETERY

For and in consideration of the sum of THREE HUNDRED AND NO/100 Dollars ($300.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Gary & Irma Myers, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¼)

Lot Number: 84 Section Number: 1

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as South Hill Cemetery, and containing Two (2) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 19th day of April, 2022.

ATTEST: CITY OF HATTIESBURG, MISSISSIPPI

_____ _____

CITY CLERK MAYOR
(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton Mayor and Deputy City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 19th day of April 2022.

My Commission Expires: _____

NOTARY PUBLIC

Memorandum

To: **Mayor Toby Barker and Members of City Council**

From:

cc:

Date: **Tuesday, April 19, 2022**

Re: **Approve claims docket for the period ending April 15, 2022.**
File Number: 2022-273
Minute Book #

Summary

Recommendation Statement

Please place this on the April 19, 2022 City Council meeting for consideration.

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001000	BALANCE SHEET									
001000	0520EM				D/F EMER.MGMT.DISTRICT					
002158	AT&T	601M818327001 3/22	0	2022 7	INV	P	3,463.28	041522	289937	3/22 PHONE SERVICE
				ACCOUNT TOTAL			3,463.28			
001000	0520LB				D/F LIBRARY					
002158	AT&T	601M818327001 3/22	0	2022 7	INV	P	238.08	041522	289937	3/22 PHONE SERVICE
				ACCOUNT TOTAL			238.08			
001000	060100				GAS/LUBRICANT-CITY BARN					
003918	PINE BELT OIL COMPAN	074049-073742	227304	2022 7	INV	P	37,596.78	041522	290116	GAS FOR FUEL STATIO
				ACCOUNT TOTAL			37,596.78			
001000	105205				RESTITUTION HOLDING ACCOUNT					
048670	CYMON JENA DAVIS	2125109	0	2022 6	INV	P	300.00	041522	289987	RESTITUTION - D BES
				ACCOUNT TOTAL			300.00			
001000	122000				DAMAGE DEPOSITS					
048239	HATTIESBURG CIVIC CH	79190	0	2022 6	INV	P	500.00	041522	290033	DEPOSIT REFUND 2/12
048664	DAYSHA BRIDGES	79366	0	2022 6	INV	P	100.00	041522	289991	DEPOSIT REFUND 2/19
				ACCOUNT TOTAL			600.00			
001000	126100				BONDS PENDING					
048669	MIGUEL A BAUTISTA-RA	1067734	0	2022 6	INV	P	52.00	041522	290074	BOND REFUND
048669	MIGUEL A BAUTISTA-RA	400048176-01	0	2022 6	INV	P	52.00	041522	290074	BOND REFUND
							104.00			
048671	JUAN ALONZO ORTIZ	1067707	0	2022 6	INV	P	1,348.00	041522	290048	BOND REFUND
				ACCOUNT TOTAL			1,452.00			
				ORG 001000 TOTAL			43,650.14			
001001	REVENUES									
001001	287000				POLICE/FIRE-SPECIAL DUTY					
003980	PROTECTION AGENCY &	1180	0	2022 6	INV	P	190.00	041522	290125	2/12/22 EVENT
003980	PROTECTION AGENCY &	1183	0	2022 6	INV	P	95.00	041522	290124	2/19/22 EVENT
003980	PROTECTION AGENCY &	1206	0	2022 6	INV	P	95.00	041522	290126	2/19/22 EVENT
							380.00			
				ACCOUNT TOTAL			380.00			
				ORG 001001 TOTAL			380.00			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001003			CITY COUNCIL							
001003	501000			OTHER EXPENDABLE OFF.SPL						
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	26.45	041522	289999	PETTY CASH 1/2022
				ACCOUNT TOTAL			26.45			
001003	511500			FOOD						
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	9.18	041522	289999	PC 3/2022
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	29.22	041522	289999	PETTY CASH 1/2022
							38.40			
				ACCOUNT TOTAL			38.40			
001003	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	291.58	041522	289943	MB2016-287/WIRELESS
				ACCOUNT TOTAL			291.58			
001003	611002			TRAVEL EXP-WARD 2						
004017	REGIONS CARDHOLDER S	1708 - 03-31-2022	0	2022 7	INV	P	.00	041522	290135	1708 - 03-31-2022 C
				ACCOUNT TOTAL			.00			
001003	6110DC			TRAVEL EXP-DEPCLERK						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	10.76	041522	289999	PC 2/2022
				ACCOUNT TOTAL			10.76			
				ORG 001003 TOTAL			367.19			
001015			CITY COURT							
001015	501000			OTHER EXPENDABLE OFF.SPL						
003810	OFFICE PRODUCTS PLUS	975025-0	227196	2022 7	INV	P	1,705.58	041522	290101	COURT OFFICE SUPPLI
003810	OFFICE PRODUCTS PLUS	9750525-1	227196	2022 7	INV	P	132.30	041522	290101	COURT OFFICE SUPPLI
							1,837.88			
				ACCOUNT TOTAL			1,837.88			
001015	502000			MINOR OFFICE EQUIP/FURN.						
003810	OFFICE PRODUCTS PLUS	975030-0	227198	2022 7	INV	P	448.70	041522	290101	COURT MONEY SAFE FO
				ACCOUNT TOTAL			448.70			
001015	508000			COMPUTER SUPPLIES						
004510	UNIVERSITY OF MISSIS	5539	0	2022 7	INV	P	10.00	041522	290191	COURT MFHB THUMB DR
				ACCOUNT TOTAL			10.00			
001015	510000			CLEANING/JANITORIAL SPLY						

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
003810	OFFICE PRODUCTS PLUS	975042-0	227199	2022 7	INV	P	555.04	041522	290101	COURT JANITORIAL SU
				ACCOUNT TOTAL			555.04			
001015	604800			OTHER PROF.-VICTIM'S ADV.GRANT						
003917	PINE BELT MENTAL HEA	2022-01	0	2022 7	INV	P	11,029.16	041522	290115	GR#1H79TI081923-01
003917	PINE BELT MENTAL HEA	2022-02	0	2022 7	INV	P	10,145.04	041522	290115	GR#1H79TI081923-01
							21,174.20			
				ACCOUNT TOTAL			21,174.20			
001015	604900			OTHER PROFESSIONAL SERV.						
003940	POLK-PAYTON, GAY ATT	25	0	2022 7	INV	P	5,250.00	041522	290120	PRO-TEM JUDGES HOUR
				ACCOUNT TOTAL			5,250.00			
001015	604901			OTHER PROF-TECHNOLOGY						
004050	RICOH CORP	36316528	0	2022 7	INV	P	287.51	041522	290137	MB# 2018-183-184 CO
004482	TYLER TECHNOLGIES IN	025-370022	0	2022 7	INV	P	58,182.00	041522	290188	MB# 2020-29 COURT S
				ACCOUNT TOTAL			58,469.51			
001015	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	469.32	041522	289943	MB2016-287/WIRELESS
				ACCOUNT TOTAL			469.32			
001015	620000			PRINTING						
004050	RICOH CORP	5064289980	0	2022 7	INV	P	148.43	041522	290137	MB# 2018-183-184 CO
				ACCOUNT TOTAL			148.43			
001015	630000			GAS						
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	77.60	041522	290172	SPIRE-VARIOUS DEPAR
				ACCOUNT TOTAL			77.60			
001015	635000			BUILDING R&M						
002136	ANOINTED HANDS SERVI	7174	0	2022 7	INV	P	684.43	041522	289932	MB# 2020-95 COURT M
				ACCOUNT TOTAL			684.43			
001015	684000			DUES AND MEMBERSHIPS						
003751	NATIONAL ASSOC OF DR	INV_42801	0	2022 7	INV	P	120.00	041522	290092	COURT NADCP MEMBERS
003751	NATIONAL ASSOC OF DR	INV_42991	0	2022 7	INV	P	60.00	041522	290092	COURT NADCP MEMBERS
							180.00			
				ACCOUNT TOTAL			180.00			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
				ORG 001015 TOTAL			89,305.11			
001020			MAYOR/ADMIN.							
001020	501000			OTHER EXPENDABLE OFF.SPL						
003825	OWENS BUSINESS MACHI	439438	0	2022 7	INV	P	187.00	041522	290103	CAN/IRC5535I III/MO
003825	OWENS BUSINESS MACHI	439439	0	2022 7	INV	P	74.98	041522	290103	MB#2015-2349 CAN/IR
							261.98			
004017	REGIONS CARDHOLDER S	4524 - 03-31-2022	0	2022 7	INV	P	-59.98	041522	290135	4524 - 03-31-2022 C
				ACCOUNT TOTAL			202.00			
001020	505000			SUBSCRIPTIONS,MAGS,MAPS						
003414	LEXISNEXIS MATTHEW B	30629152	0	2022 6	INV	P	29.44	041522	290065	MS CODE COURT RLS A
				ACCOUNT TOTAL			29.44			
001020	511500			FOOD						
002500	COCA COLA BOTTLING C	19873222362	0	2022 7	INV	P	85.00	041522	289977	16.9 OZ 24 PK-PACKA
				ACCOUNT TOTAL			85.00			
001020	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	171.77	041522	289943	MB2016-287/WIRELESS
002160	AT&T MOBILITY	287289913717X040522	0	2022 7	INV	P	98.94	041522	289942	MB2016-287/WIRELESS
							270.71			
				ACCOUNT TOTAL			270.71			
001020	611000			TRAVEL EXPENSE						
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	986.58	041522	290135	1286 - 03-31-2022 C
004017	REGIONS CARDHOLDER S	4524 - 03-31-2022	0	2022 7	INV	P	152.46	041522	290135	4524 - 03-31-2022 C
							1,139.04			
				ACCOUNT TOTAL			1,139.04			
001020	615000			ADVERTISING						
004017	REGIONS CARDHOLDER S	4524 - 03-31-2022	0	2022 7	INV	P	16.04	041522	290135	4524 - 03-31-2022 C
047211	DP TRADING	0322020	227043	2022 7	INV	P	450.00	041522	289997	YEARS OF SERVICE EM
				ACCOUNT TOTAL			466.04			
001020	684000			DUES AND MEMBERSHIPS						
048569	ICLEI LOCAL GOVERNME	2684	0	2022 7	INV	P	1,200.00	041522	290037	ANNUAL MEMBERSHIP D
				ACCOUNT TOTAL			1,200.00			
				ORG 001020 TOTAL			3,392.23			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001040			MUNICIPAL CLERK							
001040	501000			OTHER EXPENDABLE OFF.SPL						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	14.97	041522	289999	PC 2/2022
				ACCOUNT TOTAL			14.97			
001040	615000			ADVERTISING						
003141	HUB CITY SPOKES	INV99635	0	2022 7	INV	P	778.89	041522	290036	CITY WIDE ADS AND N
				ACCOUNT TOTAL			778.89			
				ORG 001040 TOTAL			793.86			
001042			ACCOUNTING DIV.							
001042	613000			MESSENGER/EXPRESS SERV.						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	.78	041522	289999	PC 2/2022
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	1.03	041522	289999	PC 3/2022
							1.81			
				ACCOUNT TOTAL			1.81			
				ORG 001042 TOTAL			1.81			
001081			LOSS CONTROL							
001081	570000			MTR VEHICLE REP. PTS/SPL						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	8.49	041522	289999	PC 2/2022
				ACCOUNT TOTAL			8.49			
001081	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	96.31	041522	289943	MB2016-287/WIRELESS
				ACCOUNT TOTAL			96.31			
				ORG 001081 TOTAL			104.80			
001090			URBAN DEVELOPMT							
001090	501000			OTHER EXPENDABLE OFF.SPL						
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	5.32	041522	289999	PC 3/2022
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	59.82	041522	290135	1286 - 03-31-2022 C
004017	REGIONS CARDHOLDER S	1346 - 03-31-2022	0	2022 7	INV	P	190.00	041522	290135	1346 - 03-31-2022 C
							249.82			
				ACCOUNT TOTAL			255.14			
001090	535500			WEARING APPAREL						
047040	BOOT COUNTRY	24354	226641	2022 7	INV	P	149.99	041522	289958	BOOTS FOR MARVIN JO

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
					ACCOUNT TOTAL		149.99			
001090	604900				OTHER PROFESSIONAL SERV.					
048727	ORION PLANNING	3501	0	2022 7	INV	P	3,849.25	041522	290102	March 2022 Services
					ACCOUNT TOTAL		3,849.25			
001090	606000				TELEPHONE AND TELEGRAPH					
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	258.32	041522	289943	MB2016-287/WIRELESS
					ACCOUNT TOTAL		258.32			
001090	607000				POSTAGE					
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	25.59	041522	289999	PETTY CASH 1/2022
					ACCOUNT TOTAL		25.59			
001090	611000				TRAVEL EXPENSE					
048574	FARVE, DEMETRIA	9294	0	2022 7	INV	P	114.84	041522	290009	MILEAGE TO BILOXI,
					ACCOUNT TOTAL		114.84			
001090	620000				PRINTING					
004205	SIGNS FIRST	H-78830	225747	2022 7	INV	P	282.00	041522	290159	BDBO PUBLIC WORKSHO
					ACCOUNT TOTAL		282.00			
001090	641000				OFFICE EQUIPMENT RENT					
004050	RICOH CORP	5064289697	0	2022 7	INV	P	114.68	041522	290137	COPIER CPC Fee Mar
					ACCOUNT TOTAL		114.68			
001090	684000				DUES AND MEMBERSHIPS					
004017	REGIONS CARDHOLDER S	9492 - 03-31-2022	0	2022 7	INV	P	165.00	041522	290135	9492 - 03-31-2022 C
					ACCOUNT TOTAL		165.00			
001090	684500				REGISTRATION FEE/TUITION					
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	66.92	041522	290135	1286 - 03-31-2022 C
004017	REGIONS CARDHOLDER S	9492 - 03-31-2022	0	2022 7	INV	P	120.00	041522	290135	9492 - 03-31-2022 C
							186.92			
					ACCOUNT TOTAL		186.92			
				ORG 001090	TOTAL		5,401.73			
001091			INFO TECHNOLOGY							
001091	604900				OTHER PROFESSIONAL SERV.					
002158	AT&T	0598 3.8.22	0	2022 7	INV	P	6,790.00	041522	289935	INTERACT SUPPORT -
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	159.39	041522	289943	MB2016-287/WIRELESS

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002160	AT&T MOBILITY	287289913717X040522	0	2022 7	INV	P	382.94	041522	289942	MB2016-287/WIRELESS
							542.33			
002905	GILLILANDS ELECTRONI	7625	0	2022 7	INV	P	90.00	041522	290025	CHECK FAX LINE AT M
003912	PILEUM CORPORATION	P74987	0	2022 7	INV	P	3,546.25	041522	290113	BILLAGE TIME - IT D
003912	PILEUM CORPORATION	P77089	0	2022 7	INV	P	1,740.00	041522	290113	BILLAGE TIME - IT D
							5,286.25			
				ACCOUNT TOTAL			12,708.58			
001091	606800			NETWORK						
002384	C SPIRE (MEGAGATE)	205876-65	0	2022 7	INV	P	2,550.00	041522	289965	NETWORK/INTERET - M
				ACCOUNT TOTAL			2,550.00			
001091	611000			TRAVEL EXPENSE						
048681	SHERRY BROWN GIPSON	TRVL ADV 9236	0	2022 7	INV	P	1,048.85	041522	290156	TRAVEL ADVANCE-MUNI
				ACCOUNT TOTAL			1,048.85			
001091	636500			OFFICE EQUIPMENT R&M						
002236	BENECOM TECHNOLOGIES	11732	0	2022 7	INV	P	3,996.00	041522	289952	MAINTENANCE ON AS40
003342	KRONOS INCORPORATED	11894122	0	2022 7	INV	P	3,984.52	041522	290056	PAYROLL SUPPORT - I
004050	RICOH CORP	5064250305	0	2022 7	INV	P	128.43	041522	290137	CHARGES FOR PRODUCT
				ACCOUNT TOTAL			8,108.95			
				ORG 001091 TOTAL			24,416.38			
001092			GEN.GOVT.BLDG							
001092	513000			CHEMICALS						
002459	CHEM-AQUA	7683617	0	2022 7	INV	P	583.33	041522	289972	WATER TREATMENT FOR
002459	CHEM-AQUA	7718028	0	2022 7	INV	P	583.33	041522	289972	WATER TREATMENT PRG
							1,166.66			
				ACCOUNT TOTAL			1,166.66			
001092	546000			MINOR EQUIPMENT						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	29.12	041522	289999	PC 2/2022
002901	GILKEY ELECTRIC SUPP	352721	227325	2022 6	INV	P	54.00	041522	290023	CITY HALL LAMP
				ACCOUNT TOTAL			83.12			
001092	630000			GAS						
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	1,652.31	041522	290172	SPIRE-VARIOUS DEPAR

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
					ACCOUNT TOTAL		1,652.31			
001092	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	1,343.30	041522	290082	MISSISSIPPI POWER-V
					ACCOUNT TOTAL		1,343.30			
001092	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1924212	0	2022 7	INV	P	48.00	041522	290034	HAVARD PEST CONTROL
					ACCOUNT TOTAL		48.00			
001092	644900			OTHER RENT						
002720	EDWARDS PROPERTY MGM	FILE 2020-136 5/22	0	2022 7	INV	P	1,100.00	041522	290001	MAY 2022 RENT
					ACCOUNT TOTAL		1,100.00			
				ORG 001092	TOTAL		5,393.39			
001093			INTERMODAL FAC O&M							
001093	560500			ELECTRICAL SUPPLIES						
004256	SOLAR SUPPLY INC	3450627	227407	2022 7	INV	P	519.48	041522	290162	AC REPAIR FOR TRAIN
					ACCOUNT TOTAL		519.48			
				ORG 001093	TOTAL		519.48			
001094			METRPLTN PLANG.							
001094	511500			FOOD						
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	35.62	041522	289999	PC 3/2022
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	60.34	041522	289999	PETTY CASH 1/2022
							95.96			
					ACCOUNT TOTAL		95.96			
001094	604900			OTHER PROFESSIONAL SERV.						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	37.23	041522	289943	MB2016-287/WIRELESS
					ACCOUNT TOTAL		37.23			
001094	615000			ADVERTISING						
003141	HUB CITY SPOKES	INV99635	0	2022 7	INV	P	30.50	041522	290036	CITY WIDE ADS AND N
					ACCOUNT TOTAL		30.50			
001094	636500			OFFICE EQUIPMENT R&M						
004057	RJ YOUNG COMPANY	INV4715915	0	2022 7	INV	P	201.41	041522	290138	MB 2020-235 MPO COP
					ACCOUNT TOTAL		201.41			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
				ORG 001094 TOTAL			365.10			
001095			G/G INS.OTH SER							
001095	602500			LEGAL						
003637	MONTAGUE, PITTMAN &	48803	0	2022 7	INV	P	500.00	041522	290078	GENERAL COUNSEL FOR
003944	POPE & POPE, PA	2217	0	2022 6	INV	P	4,010.69	041522	290121	COH VS VALLEY RAILR
003944	POPE & POPE, PA	2218	0	2022 6	INV	P	3,750.00	041522	290121	UDC VS COH
003944	POPE & POPE, PA	2219	0	2022 6	INV	P	800.00	041522	290121	PANTATION PLACE APA
003944	POPE & POPE, PA	2220	0	2022 6	INV	P	777.96	041522	290121	1ST QU. OUT OF POCK
003944	POPE & POPE, PA	2221	0	2022 6	INV	P	500.00	041522	290121	MICHAEL FOSTER
003944	POPE & POPE, PA	2222	0	2022 6	INV	P	1,250.00	041522	290121	CLUB EMPIRE
							11,088.65			
				ACCOUNT TOTAL			11,588.65			
001095	602701			MEDICAL ANALYSIS-EMP CLINIC						
002037	AB SUPPORT SERVICES	382001	225007	2022 6	INV	P	380.00	041522	289919	MB# 2021-1274 JANIT
002523	COMCAST CABLEVISION	03.30.22-03.30.22	0	2022 7	INV	P	28.80	041522	289980	EMPLOYEE CLINIC-03/
003576	MEDICAL ANALYSIS-GHV	10754	0	2022 6	INV	P	29,401.55	041522	290072	MONTHLY EMPLOYEE CL
003576	MEDICAL ANALYSIS-GHV	10767	0	2022 6	INV	P	37,988.88	041522	290072	MONTHLY EMPLOYEE CL
003576	MEDICAL ANALYSIS-GHV	10784	0	2022 7	INV	P	29,581.22	041522	290072	MONTHLY EMPLOYEE CL
							96,971.65			
003905	PIERCE PLUMBING INC	606734	0	2022 6	INV	P	125.00	041522	290112	SERVICE CALL TO REP
				ACCOUNT TOTAL			97,505.45			
001095	606000			TELEPHONE AND TELEGRAPH						
002158	AT&T	601M818327001 3/22	0	2022 7	INV	P	6,501.40	041522	289937	3/22 PHONE SERVICE
002158	AT&T	L2022-02/20BL	0	2022 7	INV	P	48.94	041522	289935	BLUE LIGHTS ON THE
002158	AT&T	L2022-03/28BL	0	2022 7	INV	P	211.95	041522	289935	BLUE LIGHTS ON THE
							6,762.29			
002159	AT&T LONG DISTANCE S	0276302059	0	2022 7	INV	P	40.84	041522	289938	4/22 ONE NET SERVIC
047050	C SPIRE (IP)	04.01.22	0	2022 7	INV	P	6,419.36	041522	289966	C SPIRE MS GOV-6925
				ACCOUNT TOTAL			13,222.49			
				ORG 001095 TOTAL			122,316.59			
001096			FED PROG ADMIN							
001096	501000			OTHER EXPENDABLE OFF.SPL						
003141	HUB CITY SPOKES	INV99635	0	2022 7	INV	P	114.48	041522	290036	CITY WIDE ADS AND N
				ACCOUNT TOTAL			114.48			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
			ORG 001096	TOTAL			114.48			
001100			POLICE/PUB.SFTY							
001100	500300		PAPER							
003809	OFFICE DEPOT INC	2564163904	227333	2022 7	INV	P	39.90	041522	290100	CERTIFICATE PAPER F
003810	OFFICE PRODUCTS PLUS	976795-0	227454	2022 7	INV	P	655.97	041522	290101	OFFICE SUPPLIES & P
				ACCOUNT TOTAL			695.87			
001100	501000		OTHER EXPENDABLE OFF.SPL							
003810	OFFICE PRODUCTS PLUS	976795-0	227454	2022 7	INV	P	666.42	041522	290101	OFFICE SUPPLIES & P
				ACCOUNT TOTAL			666.42			
001100	501200		EXPENDABLE OFF.SPL-LIFE							
003810	OFFICE PRODUCTS PLUS	976795-0	227454	2022 7	INV	P	1.92	041522	290101	OFFICE SUPPLIES & P
				ACCOUNT TOTAL			1.92			
001100	510000		CLEANING/JANITORIAL SPLY							
003772	NEWELL PAPER COMPANY	4129056	227420	2022 7	INV	P	154.34	041522	290094	MOP HANDLES & HEADS
				ACCOUNT TOTAL			154.34			
001100	525000		GAS AND OIL							
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	39.00	041522	289999	PETTY CASH 1/2022
002869	FUELMAN OF MS	NP61839705	0	2022 6	INV	P	209.83	041522	290018	FUELMAN CHARGE
003918	PINE BELT OIL COMPAN	3/2022	0	2022 7	INV	P	829.01	041522	290117	3/2020 MINIT MART C
				ACCOUNT TOTAL			1,077.84			
001100	535000		UNIFORMS, BADGES, ETC.							
003590	MIDSOUTH SOLUTIONS	176773	225744	2022 6	INV	P	1,012.50	041522	290073	LONG SLEEVE SHIRTS
				ACCOUNT TOTAL			1,012.50			
001100	535500		WEARING APPAREL							
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	166.31	041522	290135	1286 - 03-31-2022 C
004017	REGIONS CARDHOLDER S	1346 - 03-31-2022	0	2022 7	INV	P	814.29	041522	290135	1346 - 03-31-2022 C
							980.60			
048608	SCRUBS N MORE	264728	0	2022 7	INV	P	32.00	041522	290149	MONOGRAM FOR CUSTOD
				ACCOUNT TOTAL			1,012.60			
001100	546000		MINOR EQUIPMENT							
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	50.18	041522	289999	PC 3/2022

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002714	ECONOMY SUPPLY CO	073530	227422	2022 7	INV	P	99.90	041522	290000	LEVERS ENTRY/CHANGE
003742	N & H ELECTRONIC DIS	226618	227349	2022 7	INV	P	62.20	041522	290088	ZIP TIES FOR EVIDEN
004593	WATCH GUARD VIDEO	ADVREP225329	225530	2022 7	INV	P	2,250.00	041522	290201	REPAIR VISTAS-HPD
047220	WURTH USA INC	97179629	223777	2022 6	INV	P	313.28	041522	290207	REPAIR PARTS FOR SH
				ACCOUNT TOTAL			2,775.56			
001100	559000			OTHER OPERATING MATL/SPLY						
003772	NEWELL PAPER COMPANY	4128910	227155	2022 7	INV	P	3,018.84	041522	290094	SOAP & PAPER TOWEL
				ACCOUNT TOTAL			3,018.84			
001100	570000			MTR VEHICLE REP. PTS/SPL						
002060	ADVANCE AUTO PARTS	5604208974119	227348	2022 7	INV	P	1,224.27	041522	289922	REPAIR PARTS FOR VA
002060	ADVANCE AUTO PARTS	5604280474020	227300	2022 6	INV	P	1,501.37	041522	289922	REPAIR PARTS FOR VA
							2,725.64			
002160	AT&T MOBILITY	287273861504X040822	0	2022 7	INV	P	1,884.01	041522	289944	MB2016-287/GPS TRAC
002160	AT&T MOBILITY	287308925627X0405202	0	2022 7	INV	P	4,720.00	041522	289941	HPD GEOTAB
							6,604.01			
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	15.83	041522	289999	PETTY CASH 1/2022
003818	O'REILLY AUTO PARTS	0943393573	227347	2022 7	INV	P	143.53	041522	290099	HUB FOR UNIT#16754
003915	PINE BELT CDJR, INC	64541	226505	2022 7	INV	P	38.00	041522	290114	REPAIR PARTS FOR UN
003915	PINE BELT CDJR, INC	64663	226505	2022 7	INV	P	800.00	041522	290114	REPAIR PARTS FOR UN
003915	PINE BELT CDJR, INC	64793	226578	2022 7	INV	P	608.00	041522	290114	REPAIR PART FOR UNI
							1,446.00			
004514	UNIVERSITY TIRE & SE	INV192636	227297	2022 6	INV	P	1,936.88	041522	290192	TIRES STOCK-HPD
				ACCOUNT TOTAL			12,871.89			
001100	602700			MEDICAL						
003051	H'BURG CLINIC PA (AC	8325643	0	2022 7	INV	P	900.00	041522	290031	PSYCH EVAL FOR LATE
				ACCOUNT TOTAL			900.00			
001100	604900			OTHER PROFESSIONAL SERV.						
002523	COMCAST CABLEVISION	04.01.22/04.30.22	0	2022 7	INV	P	239.24	041522	289980	H'BURG POLICE DEPT-
002610	D P S CRIME LAB	90116246	0	2022 7	INV	P	480.00	041522	289988	ANALYTICAL FEES
004453	TRANSUNION RISK AND	362606-202203-1	0	2022 7	INV	P	564.90	041522	290185	ONLINE INVESTIGATIO

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
							ACCOUNT TOTAL	1,284.14		
001100	604921			NOLA EXPENSE						
004017	REGIONS CARDHOLDER S	9492 - 03-31-2022	0	2022 7	INV	P	548.55	041522	290135	9492 - 03-31-2022 C
							ACCOUNT TOTAL	548.55		
001100	606000			TELEPHONE AND TELEGRAPH						
002158	AT&T	L2022-28-MAR	0	2022 7	INV	P	153.43	041522	289935	AT&T-3/28
002158	AT&T	M3182220010593 4/22	0	2022 7	INV	P	413.50	041522	289936	POLICE PRI SERVICE
							566.93			
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	2,116.48	041522	289943	MB2016-287/WIRELESS
002160	AT&T MOBILITY	287289913717X040522	0	2022 7	INV	P	7,216.95	041522	289942	MB2016-287/WIRELESS
							9,333.43			
048026	SOUTHERN BILLING	26332	0	2022 7	INV	P	135.96	041522	290163	METRO PHONE SERVICE
							ACCOUNT TOTAL	10,036.32		
001100	611000			TRAVEL EXPENSE						
002250	BICE, ASHLEY	9213 REIMBURSEMENT	0	2022 6	INV	P	193.29	041522	289954	TRAVEL REIMBURSEMEN
003792	NORRIS, LATONYA	9214 REIMBURSEMENT	0	2022 7	INV	P	79.24	041522	290097	TRAVEL REIMBURSEMEN
004017	REGIONS CARDHOLDER S	1346 - 03-31-2022	0	2022 7	INV	P	818.12	041522	290135	1346 - 03-31-2022 C
004017	REGIONS CARDHOLDER S	2080 - 03-31-2022	0	2022 7	INV	P	685.05	041522	290135	2080 - 03-31-20220
004017	REGIONS CARDHOLDER S	9492 - 03-31-2022	0	2022 7	INV	P	742.22	041522	290135	9492 - 03-31-2022 C
							2,245.39			
004141	SEALY, PEGGY	9215 REIMBURSEMENT	0	2022 7	INV	P	34.00	041522	290150	TRAVEL REIMBURSEMEN
048490	JON DENSON	9210 REIMBURSMENT	0	2022 6	INV	P	103.29	041522	290046	TRAVEL REIMBURSEMEN
048732	BARHAM ALEXANDER	9277 REIMBURSEMENT	0	2022 7	INV	P	173.87	041522	289951	TRAVEL REIMBURSEMEN
							ACCOUNT TOTAL	2,829.08		
001100	612000			FREIGHT						
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	10.29	041522	289999	PETTY CASH 1/2022
004593	WATCH GUARD VIDEO	ADVREP225329	225530	2022 7	INV	P	30.00	041522	290201	REPAIR VISTAS-HPD
							ACCOUNT TOTAL	40.29		
001100	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	4,191.03	041522	290082	MISSISSIPPI POWER-V

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
				ACCOUNT TOTAL			4,191.03			
001100	638400			MOTOR VEHICLE EQ. R&M						
002109	AMERICAN PRINTING &	9398	227428	2022 7	INV	P	800.00	041522	289929	REMOVE & RESTRIPE U
002169	AUTOMOTIVE GLASS SPE	I248902	227146	2022 7	INV	P	88.50	041522	289946	WINDSHIELD REPAIR F
003861	PATTERSON AUTO ELECT	81294	227345	2022 6	INV	P	435.00	041522	290107	REPAIRS TO UNIT#171
003861	PATTERSON AUTO ELECT	81358	227305	2022 6	INV	P	232.00	041522	290107	REPAIRS TO UNIT#204
							667.00			
004514	UNIVERSITY TIRE & SE	INV192636	227297	2022 6	INV	P	95.12	041522	290192	TIRES STOCK-HPD
				ACCOUNT TOTAL			1,650.62			
001100	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1924183	0	2022 7	INV	P	40.00	041522	290035	HAVARD PEST CONTROL
				ACCOUNT TOTAL			40.00			
001100	639800			TOW IN CHARGES						
003389	LARRY'S WRECKER SERV	9472	0	2022 7	INV	P	55.00	041522	290062	TOWING OF UNIT#2084
003389	LARRY'S WRECKER SERV	9474	0	2022 7	INV	P	65.00	041522	290062	TOWING OF UNIT#1664
003389	LARRY'S WRECKER SERV	9481	0	2022 7	INV	P	80.00	041522	290062	TOWING OF VEHICLE T
003389	LARRY'S WRECKER SERV	9512	0	2022 7	INV	P	80.00	041522	290062	TOWING OF UNIT#1675
003389	LARRY'S WRECKER SERV	9887	0	2022 7	INV	P	55.00	041522	290062	TOWING OF UNIT#2043
							335.00			
				ACCOUNT TOTAL			335.00			
001100	641000			OFFICE EQUIPMENT RENT						
004057	RJ YOUNG COMPANY	INV4696625	0	2022 7	INV	P	487.60	041522	290138	MB#2021-285 ADM. CO
				ACCOUNT TOTAL			487.60			
001100	684500			REGISTRATION FEE/TUITION						
004017	REGIONS CARDHOLDER S	2080 - 03-31-2022	0	2022 7	INV	P	475.00	041522	290135	2080 - 03-31-20220
048031	ROSS, EBONY J	131	0	2022 7	INV	P	395.00	041522	290144	REGISTRATION FOR SA
				ACCOUNT TOTAL			870.00			
				ORG 001100 TOTAL			46,500.41			
001131			JOINT P&F TRNG.							
001131	505000			SUBSCRIPTIONS,MAGS,MAPS						
004344	STEWART'S CAMERA CEN	1	227388	2022 7	INV	P	15.95	041522	290175	P/F PHOTO
				ACCOUNT TOTAL			15.95			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001131	507100				BOOKS-FIRE					
003270	JONES & BARTLETT PUB	BW474623	227242	2022 7	INV	P	1,442.32	041522	290047	P/F FIRE BOOKS
					ACCOUNT TOTAL		1,442.32			
001131	5460PO				MINOR EQUIPMENT-POLICE					
048659	BROWNELLS INC	22255546.00	227275	2022 7	INV	P	136.99	041522	289960	P/F MINOR EQUIPMENT
048659	BROWNELLS INC	22287385.00	227367	2022 7	INV	P	388.71	041522	289960	P/F MINOR EQUIPMENT
							525.70			
					ACCOUNT TOTAL		525.70			
001131	5462FR				MINOR EQUIPMENT-FIRE					
002441	CENTRAL ALABAMA TRAI	17043142	0	2022 7	INV	P	783.53	041522	289969	P/F MINOR EQUIPMENT
					ACCOUNT TOTAL		783.53			
001131	546600				HAZ.MAT SUPPLIES					
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	13.90	041522	289999	PETTY CASH 1/2022
003746	NAPA AUTO PARTS	5930-646611	227461	2022 7	INV	P	152.98	041522	290091	P/F MINOR EQUIPMENT
					ACCOUNT TOTAL		166.88			
001131	559000				OTHER OPERATING MATL/SPLY					
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	24.90	041522	289999	PETTY CASH 1/2022
003991	QUALIFICATION TARGET	22201131	226698	2022 7	INV	P	631.00	041522	290128	P/F TARGETS
					ACCOUNT TOTAL		655.90			
001131	607000				POSTAGE					
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	19.00	041522	289999	PC 3/2022
					ACCOUNT TOTAL		19.00			
001131	6110FR				MINOR EQUIPMENT-FIRE					
003516	MAUNG, JEFFERY	9274	0	2022 7	INV	P	92.00	041522	290070	P/F REIMBURS FOR TR
003516	MAUNG, JEFFERY	9290	0	2022 7	INV	P	184.00	041522	290070	P/F TRAV REIMBURS T
							276.00			
004689	YAWN, JAMES	9275	0	2022 7	INV	P	184.00	041522	290208	P/F TRAV REIMBURS T
					ACCOUNT TOTAL		460.00			
001131	612000				FREIGHT					
003991	QUALIFICATION TARGET	22201131	226698	2022 7	INV	P	300.09	041522	290128	P/F TARGETS
					ACCOUNT TOTAL		300.09			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001131	630000						GAS			
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	427.92	041522	290172	SPIRE-VARIOUS DEPAR
							ACCOUNT TOTAL 427.92			
001131	639400						DISINFECT./EXTERMINATION			
003040	HAVARD PEST CONTROL	1924192	0	2022 7	INV	P	50.00	041522	290034	HAVARD PEST CONTROL
							ACCOUNT TOTAL 50.00			
001131	644900						OTHER RENT			
004057	RJ YOUNG COMPANY	INV4725971	0	2022 7	INV	P	198.00	041522	290138	P/F COPIER RENTAL M
							ACCOUNT TOTAL 198.00			
							ORG 001131 TOTAL 5,045.29			
001160			FIRE DIVISION							
001160	501000						OTHER EXPENDABLE OFF.SPL			
003809	OFFICE DEPOT INC	324-2-8344-904973-22	226609	2022 7	INV	P	239.99	041522	290100	DESKTOP SCANNER FOR
							ACCOUNT TOTAL 239.99			
001160	510000						CLEANING/JANITORIAL SPLY			
002471	CINTAS CORPORATION #	4115992265	0	2022 7	INV	P	33.13	041522	289974	HFD JANITORIAL AND
002472	CINTAS FIRST AID J71	4114619222	0	2022 7	INV	P	33.13	041522	289975	HFD JANITORIAL SUPP
002472	CINTAS FIRST AID J71	4115306625	0	2022 7	INV	P	33.13	041522	289975	HFD MECHANIC SHOP J
							66.26			
002729	ELKINS WHOLESALE INC	479962 00 00	227250	2022 7	INV	P	1,019.27	041522	290002	HFD JANITORIAL SUPP
							ACCOUNT TOTAL 1,118.66			
001160	525000						GAS AND OIL			
003918	PINE BELT OIL COMPAN	3/2022	0	2022 7	INV	P	223.26	041522	290117	3/2020 MINIT MART C
							ACCOUNT TOTAL 223.26			
001160	525700						DIESEL FUEL			
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	30.00	041522	289999	PC 2/2022
003918	PINE BELT OIL COMPAN	3/2022	0	2022 7	INV	P	2,877.88	041522	290117	3/2020 MINIT MART C
							ACCOUNT TOTAL 2,907.88			
001160	535000						UNIFORMS, BADGES, ETC.			
003744	NAFECO-NORTH AMERICA	1138852	227112	2022 7	INV	P	743.38	041522	290089	HFD UNIFORM ITEMS F
004501	UNIFORM SURPLUS OF A	1377	225458	2022 7	INV	P	4,934.30	041522	290190	HFD UNIFORMS FOR AL

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
				ACCOUNT TOTAL			5,677.68			
001160	545000			HAND TOOLS						
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	12.95	041522	289999	PETTY CASH 1/2022
003744	NAFECO-NORTH AMERICA	1127841	226404	2022 7	INV	P	730.00	041522	290089	HFD FIREFIGHTING TO
				ACCOUNT TOTAL			742.95			
001160	546000			MINOR EQUIPMENT						
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	6.93	041522	289999	PETTY CASH 1/2022
				ACCOUNT TOTAL			6.93			
001160	546200			MINOR FIRE FIGHTING EQUIP.						
004017	REGIONS CARDHOLDER S	2080 - 03-31-2022	0	2022 7	INV	P	459.37	041522	290135	2080 - 03-31-20220
				ACCOUNT TOTAL			459.37			
001160	553500			SFTY/FIRE P/MATL CONTRIB.						
003951	POSITIVE PROMOTIONS	06922193	227139	2022 7	INV	P	4,359.29	041522	290122	HFD PR, PARADE, AND
				ACCOUNT TOTAL			4,359.29			
001160	559000			OTHER OPERATING MATL/SPLY						
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	10.41	041522	289999	PETTY CASH 1/2022
				ACCOUNT TOTAL			10.41			
001160	560000			BUILDING MATERIALS & SPLY						
002714	ECONOMY SUPPLY CO	072553	227109	2022 7	INV	P	35.40	041522	290000	HFD STATION 3 WINDO
003543	MCELHANEY PLUMBING I	291893	227446	2022 7	INV	P	19.95	041522	290071	HFD MECHANIC SHOP F
004017	REGIONS CARDHOLDER S	2080 - 03-31-2022	0	2022 7	INV	P	394.83	041522	290135	2080 - 03-31-20220
004256	SOLAR SUPPLY INC	3450564	227448	2022 7	INV	P	360.96	041522	290162	HFD A/C COIL CLEANE
004256	SOLAR SUPPLY INC	3450565	227447	2022 7	INV	P	46.06	041522	290162	HFD STATION 7 A/C R
							407.02			
				ACCOUNT TOTAL			857.20			
001160	560500			ELECTRICAL SUPPLIES						
004256	SOLAR SUPPLY INC	3450255	227271	2022 7	INV	P	10.82	041522	290162	HFD STATION 6 A/C E
				ACCOUNT TOTAL			10.82			
001160	565000			PAINT AND PAINTING SPLY.						
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	10.25	041522	289999	PC 3/2022
				ACCOUNT TOTAL			10.25			

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YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001160	570000			MTR VEHICLE REP. PTS/SPL						
002160	AT&T MOBILITY	287273861504X040822	0	2022 7	INV	P	536.64	041522	289944	MB2016-287/GPS TRAC
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	8.55	041522	289999	PETTY CASH 1/2022
002733	EMERGENCY EQUIPMENT	469011	226837	2022 7	INV	P	4,213.71	041522	290003	HFD UNIT # 18098 RE
002733	EMERGENCY EQUIPMENT	469059	227482	2022 7	INV	P	1,406.50	041522	290003	HFD UNIT # 13933 CA
							5,620.21			
002739	EMPIRE TRUCK SALES(J	CE006193731:01	227502	2022 7	INV	P	123.33	041522	290004	HFD UNIT # 14517 RE
002795	FASTENAL COMPANY	MSHAT233280	227224	2022 6	INV	P	95.75	041522	290010	HFD UNIT # 11353 RE
004368	SUNBELT FIRE INC	334254	227443	2022 7	INV	P	33.92	041522	290176	HFD UNIT # 15064 RE
004499	UNDERWOOD OUTDOOR PO	109861	227491	2022 7	INV	P	63.04	041522	290189	HFD STATION ONE LAW
				ACCOUNT TOTAL			6,481.44			
001160	575000			COMMUNICATION REPAIR PTS						
002535	COMSOUTH	200614	227180	2022 7	INV	P	1,200.00	041522	289981	HFD REPLACEMENT BAT
				ACCOUNT TOTAL			1,200.00			
001160	604900			OTHER PROFESSIONAL SERV.						
003180	INDUSTRIAL ORGANIZAT	C52811A	0	2022 7	INV	P	350.00	041522	290038	HFD RECRUIT CLASS E
				ACCOUNT TOTAL			350.00			
001160	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	213.47	041522	289943	MB2016-287/WIRELESS
002160	AT&T MOBILITY	287290217384X040522	0	2022 7	INV	P	1,409.95	041522	289939	MB2016-287/WIRELESS
							1,623.42			
				ACCOUNT TOTAL			1,623.42			
001160	612000			FREIGHT						
002733	EMERGENCY EQUIPMENT	469011	226837	2022 7	INV	P	342.36	041522	290003	HFD UNIT # 18098 RE
002733	EMERGENCY EQUIPMENT	469059	227482	2022 7	INV	P	20.00	041522	290003	HFD UNIT # 13933 CA
							362.36			
002739	EMPIRE TRUCK SALES(J	CE006193731:01	227502	2022 7	INV	P	20.00	041522	290004	HFD UNIT # 14517 RE
002798	FEDERAL EXPRESS	7-715-10595	0	2022 7	INV	P	16.84	041522	290011	HFD SHIP ROLLER TO
003180	INDUSTRIAL ORGANIZAT	C52811A	0	2022 7	INV	P	18.00	041522	290038	HFD RECRUIT CLASS E
003744	NAFECO-NORTH AMERICA	1127841	226404	2022 7	INV	P	37.95	041522	290089	HFD FIREFIGHTING TO

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
003744	NAFECO-NORTH AMERICA	1138852	227112	2022 7	INV	P	55.82	041522	290089	HFD UNIFORM ITEMS F
							93.77			
003951	POSITIVE PROMOTIONS	06922193	227139	2022 7	INV	P	482.42	041522	290122	HFD PR, PARADE, AND
004368	SUNBELT FIRE INC	334254	227443	2022 7	INV	P	18.36	041522	290176	HFD UNIT # 15064 RE
				ACCOUNT TOTAL			1,011.75			
001160	630000			GAS						
004321	SPIRE	G2022 3.28	0	2022 7	INV	P	970.23	041522	290172	SPIRE (WILLMUT GAS)
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	548.98	041522	290172	SPIRE-VARIOUS DEPAR
							1,519.21			
				ACCOUNT TOTAL			1,519.21			
001160	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	1,743.89	041522	290082	MISSISSIPPI POWER-V
003873	PEARL RIVER VALLEY E	2022-03/24	0	2022 7	INV	P	438.81	041522	290108	PEARL RIVER VALLEY
004282	SOUTHERN PINE ELECTR	E2022-04/04	0	2022 7	INV	P	805.02	041522	290167	SOUTHERN PINE ELEC-
				ACCOUNT TOTAL			2,987.72			
001160	638400			MOTOR VEHICLE EQ. R&M						
002194	BARDING GENERATOR &	179233	0	2022 7	INV	P	408.40	041522	289950	HFD UNIT # 13933 RE
002700	EAGLE TIRE AND SERVI	INV063000	227269	2022 6	INV	P	159.91	041522	289998	HFD UNIT # 20099 TI
				ACCOUNT TOTAL			568.31			
001160	638900			SCBA EQUIP. R&M						
002441	CENTRAL ALABAMA TRAI	17042538	0	2022 7	INV	P	441.25	041522	289969	HFD SERVICE AND AIR
				ACCOUNT TOTAL			441.25			
001160	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1924185	0	2022 7	INV	P	48.00	041522	290034	HAVARD PEST CONTROL
003040	HAVARD PEST CONTROL	1924187	0	2022 7	INV	P	48.00	041522	290034	HAVARD PEST CONTROL
003040	HAVARD PEST CONTROL	1924189	0	2022 7	INV	P	48.00	041522	290034	HAVARD PEST CONTROL
003040	HAVARD PEST CONTROL	1924190	0	2022 7	INV	P	48.00	041522	290034	HAVARD PEST CONTROL
							192.00			
				ACCOUNT TOTAL			192.00			
001160	641000			OFFICE EQUIPMENT RENT						
004050	RICOH CORP	5064290379	0	2022 7	INV	P	68.32	041522	290137	HFD ADMIN COPIER RE

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
				ACCOUNT TOTAL			68.32			
001160 642500				CYLINDER RENT						
002071	AIRGAS USA LLC (NORD	9981478676	0	2022 7	INV	P	34.13	041522	289924	HFD OXYGEN BOTTLE R
004273	SOUTHERN GAS & SUPPL	36884554	0	2022 7	INV	P	108.78	041522	290165	HFD OXYGEN BOTTLE R
				ACCOUNT TOTAL			142.91			
001160 643500				MOP-MAT-RAG RENT						
002471	CINTAS CORPORATION #	4115992589	0	2022 7	INV	P	37.36	041522	289974	HFD ADMIN OFFICE MA
				ACCOUNT TOTAL			37.36			
				ORG 001160 TOTAL			33,248.38			
001180			LAND DEVEL.ADM.							
001180 501000				OTHER EXPENDABLE OFF.SPL						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	12.59	041522	289999	PC 2/2022
				ACCOUNT TOTAL			12.59			
001180 601300				DEMOLITION						
002007	98 WASTE LLC	INVOICE 4174	0	2022 7	INV	P	14,854.00	041522	289918	DUMPING FEES FOR DE
003718	MSP ENTERPRISES, LLC	032722-0	0	2022 7	INV	P	14,950.22	041522	290085	MB # 2020-353 DEMOL
003718	MSP ENTERPRISES, LLC	0331221	0	2022 7	INV	P	2,145.28	041522	290085	DEMOLITION - 807 RA
							17,095.50			
003798	NORTHGATE LAND & TIM	768	0	2022 7	INV	P	711.00	041522	290098	MB 2020-323 FILL FO
003798	NORTHGATE LAND & TIM	Invoice 740	0	2022 7	INV	P	180.00	041522	290098	MB 2020-323 FILL FO
							891.00			
				ACCOUNT TOTAL			32,840.50			
001180 601600				TITLE OPINIONS						
004076	ROGERS, KEVIN	PPIN 12967, 15051, 2	0	2022 7	INV	P	750.00	041522	290143	TITLE OPINIONS FOR
004076	ROGERS, KEVIN	PPIN 13546	0	2022 7	INV	P	250.00	041522	290143	TITLE OPINIONS FOR
							1,000.00			
				ACCOUNT TOTAL			1,000.00			
001180 601800				LOT CLEARING						
003718	MSP ENTERPRISES, LLC	033122-0	0	2022 7	INV	P	1,127.16	041522	290085	LOT CLEAR 206 S 24T
003718	MSP ENTERPRISES, LLC	033122-1	0	2022 7	INV	P	2,145.28	041522	290085	LOT CLEAR 807 RAILR
003718	MSP ENTERPRISES, LLC	0331220	0	2022 7	INV	P	1,127.16	041522	290085	MB# 2020-353 LOT CL
							4,399.60			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
					ACCOUNT TOTAL		4,399.60			
001180	602300			ABSTRACTING & RECORDING						
002847	FORREST COUNTY CHANC	107	0	2022 7	INV	P	81.00	041522	290013	RECORDING OF 3 RESO
					ACCOUNT TOTAL		81.00			
001180	604900			OTHER PROFESSIONAL SERV.						
002160	AT&T MOBILITY	287273861504X040822	0	2022 7	INV	P	204.30	041522	289944	MB2016-287/GPS TRAC
					ACCOUNT TOTAL		204.30			
001180	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	866.47	041522	289943	MB2016-287/WIRELESS
					ACCOUNT TOTAL		866.47			
001180	644900			OTHER RENT						
004050	RICOH CORP	INV4674493	0	2022 6	INV	P	226.58	041522	290137	COPIER FEES, 2/11-3
					ACCOUNT TOTAL		226.58			
001180	684500			REGISTRATION FEE/TUITION						
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	33.46	041522	290135	1286 - 03-31-2022 C
					ACCOUNT TOTAL		33.46			
				ORG 001180	TOTAL		39,664.50			
001190			P/S CONTRAC.SER							
001190	681500			JAIL EXPENSE						
002851	FORREST CTY SUPERVIS	10.1.21-10.31.21	0	2022 6	INV	P	58,332.02	041522	290014	HOUSING OF INMATES
002851	FORREST CTY SUPERVIS	11.1.21-11.30.21	0	2022 7	INV	P	77,846.56	041522	290014	NOVEMBER 2021 HOUSI
							136,178.58			
003371	LAMAR CTY SHERIFF	10.1.21-10.31.21	0	2022 7	INV	P	420.00	041522	290058	HOUSINGOF INMATES F
003371	LAMAR CTY SHERIFF	12.01.22-12.31.22	0	2022 7	INV	P	120.00	041522	290058	HOUSING OF INMATES
003371	LAMAR CTY SHERIFF	2.1.22-2.28.22	0	2022 7	INV	P	60.00	041522	290058	HOUSING OF INMATES
003371	LAMAR CTY SHERIFF	3.1.22-3.31.22	0	2022 7	INV	P	120.00	041522	290058	HOUSING OF INMATES
							720.00			
003501	MARION COUNTY BOARD	2-2225-CPD	0	2022 7	INV	P	80.00	041522	290068	HOUSING OF INMATE F
					ACCOUNT TOTAL		136,978.58			
				ORG 001190	TOTAL		136,978.58			
001191			TRAFFIC MAINT.							
001191	554000			TRAFFIC CONTROL EQ. SPLY.						
002166	AUTO ARMATURE SERVIC	27786	227462	2022 7	INV	P	439.80	041522	289945	BATTERIES FOR CROSS

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
004412	TEMPLE INC	INV0217534	222882	2022 6	INV	P	892.00	041522	290178	TRAFFIC LED'S
				ACCOUNT TOTAL			1,331.80			
001191	554500			TRAFFIC SIGNS						
004316	SPEEDY PRINTING & SI	29728	225815	2022 6	INV	P	220.00	041522	290171	TRAFFIC STREET MARK
004316	SPEEDY PRINTING & SI	30044	227102	2022 6	INV	P	36.00	041522	290171	TRAFFIC STREET MARK
							256.00			
004412	TEMPLE INC	INV0206021	0	2022 6	INV	P	2,415.00	041522	290178	TRAFFIC SCHOOLFLASH
				ACCOUNT TOTAL			2,671.00			
001191	559000			OTHER OPERATING MATL/SPLY						
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	69.27	041522	290135	1286 - 03-31-2022 C
				ACCOUNT TOTAL			69.27			
001191	570000			MTR VEHICLE REP. PTS/SPL						
002166	AUTO ARMATURE SERVIC	27566	227088	2022 6	INV	P	159.95	041522	289945	TRAFFIC BATTERY
				ACCOUNT TOTAL			159.95			
001191	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	71.08	041522	289943	MB2016-287/WIRELESS
				ACCOUNT TOTAL			71.08			
001191	643000			UNIFORM RENT						
002471	CINTAS CORPORATION #	4114617133	0	2022 6	INV	P	25.00	041522	289974	TRAFFIC UNIFORM SC
				ACCOUNT TOTAL			25.00			
001191	684500			REGISTRATION FEE/TUITION						
004017	REGIONS CARDHOLDER S	1708 - 03-31-2022	0	2022 7	INV	P	892.72	041522	290135	1708 - 03-31-2022 C
				ACCOUNT TOTAL			892.72			
001191	687000			CUSTODIAL SERVICE						
002037	AB SUPPORT SERVICES	481001	225889	2022 6	INV	P	325.00	041522	289919	MB# 2022-58 JANITOR
				ACCOUNT TOTAL			325.00			
				ORG 001191 TOTAL			5,545.82			
001201		STREET DIV.								
001201	540000			ASPHALT & ASPHALT PROD.						
004586	WARREN PAVING INC	216760	0	2022 7	INV	P	296.48	041522	290197	CRUSHED CONCRETE US
004586	WARREN PAVING INC	58416	0	2022 7	INV	P	340.28	041522	290197	ASPHALT USED
004586	WARREN PAVING INC	58464	0	2022 7	INV	P	370.01	041522	290197	ASPHALT USED

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
004586	WARREN PAVING INC	59093	226338	2022 7	INV	P	340.93	041522	290197	HOT ASPHALT FOR VAR
004586	WARREN PAVING INC	59107	226338	2022 7	INV	P	252.37	041522	290197	HOT ASPHALT FOR VAR
004586	WARREN PAVING INC	59167	226338	2022 7	INV	P	251.74	041522	290197	HOT ASPHALT FOR VAR
004586	WARREN PAVING INC	59298	0	2022 7	INV	P	360.26	041522	290197	MARCH 16 TO APRIL 1
004586	WARREN PAVING INC	59483	0	2022 7	INV	P	246.03	041522	290197	ASPHALT USED
004586	WARREN PAVING INC	59733	0	2022 7	INV	P	348.77	041522	290197	ASPHALT USED
004586	WARREN PAVING INC	59740	0	2022 7	INV	P	212.90	041522	290197	ASPAHLT USED UP
004586	WARREN PAVING INC	59821	0	2022 7	INV	P	308.21	041522	290197	ASPHALT USED
004586	WARREN PAVING INC	59868	0	2022 7	INV	P	246.70	041522	290197	ASPHALT USED
004586	WARREN PAVING INC	60058	0	2022 7	INV	P	235.22	041522	290197	ASPHALT USED
004586	WARREN PAVING INC	60061	0	2022 7	INV	P	337.27	041522	290197	ASPHALT USED
004586	WARREN PAVING INC	60068	0	2022 7	INV	P	160.19	041522	290197	ASPHALT USED
004586	WARREN PAVING INC	60211	0	2022 7	INV	P	185.20	041522	290197	ASPHALT USED
							4,492.56			
				ACCOUNT TOTAL			4,492.56			
001201	559000			OTHER OPERATING MATL/SPLY						
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	269.00	041522	290135	1286 - 03-31-2022 C
				ACCOUNT TOTAL			269.00			
001201	560000			BUILDING MATERIALS & SPLY						
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	17.38	041522	289999	PC 3/2022
				ACCOUNT TOTAL			17.38			
001201	570000			MTR VEHICLE REP. PTS/SPL						
002160	AT&T MOBILITY	287273861504X040822	0	2022 7	INV	P	2,524.85	041522	289944	MB2016-287/GPS TRAC
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	9.74	041522	289999	PC 2/2022
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	9.70	041522	289999	PETTY CASH 1/2022
							19.44			
003843	PARISH TRACTOR (HATT	02-211284	227444	2022 7	INV	P	284.10	041522	290105	KUB RELAY 20A STREE
004297	SOUTHERN TIRE MART (	2520088971	227311	2022 7	INV	P	4,352.32	041522	290169	TIRES FOR STREET DE
004514	UNIVERSITY TIRE & SE	193226	227500	2022 7	INV	P	133.61	041522	290192	UNIT 20405 CREW CAB
004597	WATERS INTERNATIONAL	08P827529	227411	2022 7	INV	P	46.84	041522	290202	AIR BREAK HOSE 1/2
004597	WATERS INTERNATIONAL	08S827960	227394	2022 7	INV	P	658.66	041522	290202	UNIT 13983 COMPUTER
							705.50			
				ACCOUNT TOTAL			8,019.82			
001201	575500			AGRICLTRL REPAIR PTS/SPL						
002083	ALLBRITTON CHAIN SAW	89308	227417	2022 7	INV	P	108.68	041522	289926	CONCRETE SAW STIHL

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
							ACCOUNT TOTAL	108.68		
001201	643000			UNIFORM RENT						
002471	CINTAS CORPORATION #	4115304231	0	2022 7	INV	P	111.11	041522	289973	UNIFORMS SC 8200044
002471	CINTAS CORPORATION #	4115304349	0	2022 7	INV	P	42.10	041522	289974	UNIFORM SC 82000447
002471	CINTAS CORPORATION #	4115304504	0	2022 7	INV	P	118.55	041522	289973	UNIFORM SC 82000447
002471	CINTAS CORPORATION #	4115304508	0	2022 7	INV	P	83.67	041522	289973	UNIFORM SC 82000447
002471	CINTAS CORPORATION #	4115304563	0	2022 7	INV	P	19.16	041522	289974	UNIFORMS SC 8200044
002471	CINTAS CORPORATION #	4115990139	0	2022 7	INV	P	55.11	041522	289974	UNIFORMS SC 8200044
002471	CINTAS CORPORATION #	4115990254	0	2022 7	INV	P	42.10	041522	289974	UNIFORM SC 82000447
002471	CINTAS CORPORATION #	4115990380	0	2022 7	INV	P	146.05	041522	289973	UNIFORM SC 82000447
002471	CINTAS CORPORATION #	4115990479	0	2022 7	INV	P	63.05	041522	289973	UNIFORMS SC 8200044
002471	CINTAS CORPORATION #	415990368	0	2022 7	INV	P	19.16	041522	289974	UNIFORM SC 82000447
							700.06			
							ACCOUNT TOTAL	700.06		
							ORG 001201 TOTAL	13,607.50		
001202			STREET LIGHTS							
001202	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022 3.24	0	2022 7	INV	P	51.79	041522	290082	MS POWER 514 NORTH
003700	MS POWER COMPANY	E2022-03/01	0	2022 7	INV	P	107.60	041522	290082	MISSISSIPPI POWER-V
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	3,548.36	041522	290082	MISSISSIPPI POWER-V
							3,707.75			
003873	PEARL RIVER VALLEY E	2022-03/24	0	2022 7	INV	P	2,661.99	041522	290108	PEARL RIVER VALLEY
003873	PEARL RIVER VALLEY E	2022-25 MAR	0	2022 7	INV	P	255.91	041522	290109	PEARL RIVER VALLEY
							2,917.90			
004282	SOUTHERN PINE ELECTR	E2022-04/04	0	2022 7	INV	P	1,240.98	041522	290167	SOUTHERN PINE ELEC-
							ACCOUNT TOTAL	7,866.63		
							ORG 001202 TOTAL	7,866.63		
001203			ENGR/PUBLIC SER							
001203	501000			OTHER EXPENDABLE OFF.SPL						
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	10.70	041522	289999	PC 3/2022
003810	OFFICE PRODUCTS PLUS	977074-0	227476	2022 7	INV	P	117.96	041522	290101	OFFICE SUPPLIES - E
							ACCOUNT TOTAL	128.66		
001203	502000			MINOR OFFICE EQUIP/FURN.						
004017	REGIONS CARDHOLDER S	1346 - 03-31-2022	0	2022 7	INV	P	71.87	041522	290135	1346 - 03-31-2022 C
							ACCOUNT TOTAL	71.87		

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001203	606000						TELEPHONE AND TELEGRAPH			
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	213.62	041522	289943	MB2016-287/WIRELESS
002160	AT&T MOBILITY	287289913717X040522	0	2022 7	INV	P	51.98	041522	289942	MB2016-287/WIRELESS
							265.60			
							ACCOUNT TOTAL 265.60			
001203	630000						GAS			
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	143.43	041522	290172	SPIRE-VARIOUS DEPAR
							ACCOUNT TOTAL 143.43			
001203	638400						MOTOR VEHICLE EQ. R&M			
002815	FIRESTONE COMPLETE A	261863	227323	2022 7	INV	P	388.55	041522	290012	TIRES & OIL CHANGE
							ACCOUNT TOTAL 388.55			
001203	641000						OFFICE EQUIPMENT RENT			
004057	RJ YOUNG COMPANY	4694826	0	2022 7	INV	P	389.41	041522	290138	MB 2019-60 COPIER L
							ACCOUNT TOTAL 389.41			
001203	687000						CUSTODIAL SERVICE			
002037	AB SUPPORT SERVICES	481001	225889	2022 6	INV	P	425.00	041522	289919	MB# 2022-58 JANITOR
							ACCOUNT TOTAL 425.00			
							ORG 001203 TOTAL 1,812.52			
001204			SHOP DIVISION							
001204	513000						CHEMICALS			
003746	NAPA AUTO PARTS	5930646518	227424	2022 7	INV	P	600.00	041522	290091	ANTIFREEZE FOR PW S
							ACCOUNT TOTAL 600.00			
001204	560000						BUILDING MATERIALS & SPLY			
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	95.48	041522	290135	1286 - 03-31-2022 C
							ACCOUNT TOTAL 95.48			
001204	630000						GAS			
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	1,562.26	041522	290172	SPIRE-VARIOUS DEPAR
							ACCOUNT TOTAL 1,562.26			
001204	639400						DISINFECT./EXTERMINATION			
003040	HAVARD PEST CONTROL	1912620	0	2022 6	INV	P	75.00	041522	290034	HAVARD PEST -3/30
							ACCOUNT TOTAL 75.00			
001204	642500						CYLINDER RENT			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002071	AIRGAS USA LLC (NORD	9987303135	0	2022 7	INV	P	410.22	041522	289924	CYLINDER RENTAL/PW
				ACCOUNT TOTAL			410.22			
001204	643000			UNIFORM RENT						
002471	CINTAS CORPORATION #	4115304421	0	2022 7	INV	P	56.07	041522	289973	UNIFORM RENTAL/PW S
				ACCOUNT TOTAL			56.07			
				ORG 001204 TOTAL			2,799.03			
001205			G O & F S DIV.							
001205	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1924208	0	2022 7	INV	P	235.00	041522	290034	HAVARD PEST CONTROL
				ACCOUNT TOTAL			235.00			
				ORG 001205 TOTAL			235.00			
001206			DRAINAGE DIV.							
001206	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	480.17	041522	289943	MB2016-287/WIRELESS
002160	AT&T MOBILITY	287290252011X040522	0	2022 7	INV	P	1,496.52	041522	289940	MB2016-287/WIRELESS
							1,976.69			
				ACCOUNT TOTAL			1,976.69			
				ORG 001206 TOTAL			1,976.69			
001207			CONSTRUCTION							
001207	545000			HAND TOOLS						
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	181.80	041522	290135	1286 - 03-31-2022 C
				ACCOUNT TOTAL			181.80			
001207	560000			BUILDING MATERIALS & SPLY						
002714	ECONOMY SUPPLY CO	073769	227477	2022 7	INV	P	37.96	041522	290000	RATCHET STRAPS/CONS
				ACCOUNT TOTAL			37.96			
001207	560500			ELECTRICAL SUPPLIES						
002901	GILKEY ELECTRIC SUPP	353154	227326	2022 6	INV	P	705.10	041522	290023	MATERIAL NEEDED FOR
				ACCOUNT TOTAL			705.10			
001207	561000			PLUMBING SUPPLIES						
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	347.76	041522	290135	1286 - 03-31-2022 C
004017	REGIONS CARDHOLDER S	1346 - 03-31-2022	0	2022 7	INV	P	164.39	041522	290135	1346 - 03-31-2022 C
							512.15			

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YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
							ACCOUNT TOTAL	512.15		
001207	570000						MTR VEHICLE REP. PTS/SPL			
002413	CARQUEST AUTO PARTS	14758-9435	227342	2022 6	INV	P	29.99	041522	289967	HEATER CONTROL/UNIT
002413	CARQUEST AUTO PARTS	14758-9470	227332	2022 6	INV	P	76.23	041522	289967	BRAKE HOSES/UNIT#13
002413	CARQUEST AUTO PARTS	14758-9655	227433	2022 7	INV	P	84.74	041522	289967	COOLANT FOR UNIT#15
							190.96			
002565	COURTESY MOTORS INC	536785	227434	2022 7	INV	P	198.17	041522	289984	SHIFTER/UNIT#10690/
							ACCOUNT TOTAL	389.13		
001207	604900						OTHER PROFESSIONAL SERV.			
002523	COMCAST CABLEVISION	04.01.22-04.30.22	0	2022 7	INV	P	141.10	041522	289980	CIVIL DEFENSE-03/27
003191	INTERFACE SECURITY S	20201305	0	2022 7	INV	P	46.99	041522	290039	SECURITY SYSTEM/TWI
							ACCOUNT TOTAL	188.09		
001207	606000						TELEPHONE AND TELEGRAPH			
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	122.16	041522	289943	MB2016-287/WIRELESS
							ACCOUNT TOTAL	122.16		
001207	638400						MOTOR VEHICLE EQ. R&M			
002166	AUTO ARMATURE SERVIC	27726	227359	2022 7	INV	P	209.95	041522	289945	ALTERNATOR/UNIT#154
048567	COCHRAN MUFFLER	03312022	227390	2022 7	INV	P	950.00	041522	289978	CATALYTIC CONVERTER
							ACCOUNT TOTAL	1,159.95		
001207	639100						DOWNTOWN LIGHTS R&M			
002672	DOLEAC ELECTRIC CO I	61735-3	0	2022 7	INV	P	1,051.47	041522	289996	MB 2021-87 LIGHTING
002672	DOLEAC ELECTRIC CO I	61735-4	0	2022 7	INV	P	931.71	041522	289996	MB 2021-87 LIGHTING
							1,983.18			
							ACCOUNT TOTAL	1,983.18		
001207	642500						CYLINDER RENT			
002071	AIRGAS USA LLC (NORD	9987303136	0	2022 7	INV	P	186.35	041522	289924	CYLINDER RENTAL/CON
							ACCOUNT TOTAL	186.35		
001207	643000						UNIFORM RENT			
002471	CINTAS CORPORATION #	4115304289	0	2022 7	INV	P	62.85	041522	289973	UNIFORM RENTAL/CONS
							ACCOUNT TOTAL	62.85		
							ORG 001207 TOTAL	5,528.72		

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ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001220			SANITATION DIV.							
001220	513000			CHEMICALS						
004583	WARING OIL CO (GULFP	116951	226573	2022 7	INV	P	808.50	041522	290196	DEF FOR SANITATION
				ACCOUNT TOTAL			808.50			
001220	559000			OTHER OPERATING MATL/SPLY						
004634	WHEELER'S JANITORIAL	9775	227099	2022 6	INV	P	535.23	041522	290205	OFFICE SUPPLIES/MAT
				ACCOUNT TOTAL			535.23			
001220	559001			OTHER OPERATING SPLY-RECYCLING						
004634	WHEELER'S JANITORIAL	9775	227099	2022 6	INV	P	616.72	041522	290205	OFFICE SUPPLIES/MAT
				ACCOUNT TOTAL			616.72			
001220	570000			MTR VEHICLE REP. PTS/SPL						
002169	AUTOMOTIVE GLASS SPE	1248964	226995	2022 7	INV	P	425.00	041522	289946	UNIT 14406 WINDSHIE
002413	CARQUEST AUTO PARTS	14758-9394	227319	2022 6	INV	P	55.08	041522	289967	UNIT 14145 IGNITION
002413	CARQUEST AUTO PARTS	14758-9395	227298	2022 6	INV	P	53.12	041522	289967	UNIT 20073 COUPLING
002413	CARQUEST AUTO PARTS	14758-9713	227451	2022 7	INV	P	91.48	041522	289967	UNIT 21387 BOOM LOA
							199.68			
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	10.06	041522	289999	PC 3/2022
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	14.88	041522	289999	PETTY CASH 1/2022
							24.94			
002739	EMPIRE TRUCK SALES(J	CE006193382:01	227360	2022 7	INV	P	231.09	041522	290004	UNIT 19947 WATER PU
002739	EMPIRE TRUCK SALES(J	CE006193467:01	227408	2022 7	INV	P	92.84	041522	290004	UNIT 19947 AIR COMP
002739	EMPIRE TRUCK SALES(J	CE00619347:02	227402	2022 7	INV	P	396.36	041522	290004	STOCK AIR COMPRESSO
002739	EMPIRE TRUCK SALES(J	CE006193642:01	227459	2022 7	INV	P	78.46	041522	290004	UNIT 19947 HOSE/PIP
							798.75			
004139	SCOTTS HYDRAULIC SER	49862	227498	2022 7	INV	P	133.93	041522	290148	UNIT 19947 HOSE REP
004297	SOUTHERN TIRE MART (	2520088970	227312	2022 7	INV	P	7,852.32	041522	290169	TIRES FOR SANITATIO
004597	WATERS INTERNATIONAL	08P82771	227341	2022 6	INV	P	175.04	041522	290202	UNIT 14406 PARK CON
004597	WATERS INTERNATIONAL	08P827731	227481	2022 7	INV	P	33.68	041522	290202	UNIT 14406 RADIATOR
							208.72			
				ACCOUNT TOTAL			9,643.34			
001220	604900			OTHER PROFESSIONAL SERV.						
003307	KEEP AMERICA BEAUTIF	AF-220122	0	2022 7	INV	P	285.00	041522	290052	ANNUAL SERVICE FEE-

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
						ACCOUNT TOTAL 285.00			
001220 612000						FREIGHT			
002739 EMPIRE TRUCK SALES(J	CE006193382:01	227360	2022 7	INV	P	30.00	041522	290004	UNIT 19947 WATER PU
048658 QUALITY LOGO PRODUCT	QSI-923824	227247	2022 6	INV	P	64.32	041522	290129	KEEP H`BEAUTIFUL AD
048658 QUALITY LOGO PRODUCT	QSI-924536	227247	2022 7	INV	P	21.69	041522	290129	KEEP H`BEAUTIFUL AD
048658 QUALITY LOGO PRODUCT	QSI-924537	227247	2022 7	INV	P	77.71	041522	290129	KEEP H`BEAUTIFUL AD
						163.72			
						ACCOUNT TOTAL 193.72			
001220 615001						ADVERTISING-RECYCLING			
048658 QUALITY LOGO PRODUCT	QSI-923824	227247	2022 6	INV	P	312.50	041522	290129	KEEP H`BEAUTIFUL AD
048658 QUALITY LOGO PRODUCT	QSI-924536	227247	2022 7	INV	P	190.00	041522	290129	KEEP H`BEAUTIFUL AD
048658 QUALITY LOGO PRODUCT	QSI-924537	227247	2022 7	INV	P	182.00	041522	290129	KEEP H`BEAUTIFUL AD
						684.50			
						ACCOUNT TOTAL 684.50			
001220 638400						MOTOR VEHICLE EQ. R&M			
002252 BIG IRON DIESEL REPA	R04891	0	2022 7	INV	P	599.19	041522	289955	UNIT 21388 TROUBLE
002252 BIG IRON DIESEL REPA	R04893	0	2022 7	INV	P	254.99	041522	289955	UNIT19947 TROUBLE S
002252 BIG IRON DIESEL REPA	R04892	0	2022 7	INV	P	3,338.82	041522	289955	UNIT 20071 TROUBLE
002252 BIG IRON DIESEL REPA	R04894	0	2022 7	INV	P	892.38	041522	289955	UNIT 20073 TROUBLE
						5,085.38			
						ACCOUNT TOTAL 5,085.38			
001220 643000						UNIFORM RENT			
002471 CINTAS CORPORATION #	4115989970	0	2022 7	INV	P	35.18	041522	289974	SANITATION MOP-MAT
002471 CINTAS CORPORATION #	4115990748	0	2022 7	INV	P	207.17	041522	289973	SANITATION UNIFORM
						242.35			
002472 CINTAS FIRST AID J71	5103617034	0	2022 7	INV	P	323.51	041522	289975	NTRL GLOVES & FIRST
						ACCOUNT TOTAL 565.86			
001220 688000						TIPPING FEES			
002007 98 WASTE LLC	4172	0	2022 7	INV	P	32,480.00	041522	289918	MB 2016-322-SANITAT
002007 98 WASTE LLC	4173	0	2022 7	INV	P	3,465.00	041522	289918	MB 2016-322-PARKS &
002007 98 WASTE LLC	4174	0	2022 7	INV	P	14,854.00	041522	289918	MB 2016-322-CODE EN
						50,799.00			
003798 NORTHGATE LAND & TIM	740	0	2022 7	INV	P	180.00	041522	290098	RED DIRT FILL-302 S
003920 PINE BELT REGIONAL S	6729	0	2022 7	INV	P	41,127.37	041522	290118	MB197-1/451-454 RUB

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
004591	WASTE MANAGEMENT OF	0013154-2526-2	0	2022 6	INV	P	1,358.56	041522	290199	MB2003-5-484
004591	WASTE MANAGEMENT OF	0013172-2526-4	0	2022 7	INV	P	2,187.29	041522	290199	MB2003-5/484 SANITA
							3,545.85			
				ACCOUNT TOTAL			95,652.22			
001220	689000			RECYCLING FEES						
004030	REPUBLIC SERVICES IN	0991-000333727	226169	2022 7	INV	P	8,880.87	041522	290136	RECYCLING-REPUBLIC
				ACCOUNT TOTAL			8,880.87			
001220	699900			SERVICES NOT SPECIFIED						
002083	ALLBRITTON CHAIN SAW	89184	227354	2022 6	INV	P	86.58	041522	289926	LUBRICANT FOR CHAIN
				ACCOUNT TOTAL			86.58			
				ORG 001220 TOTAL			123,037.92			
001250			HEALTH DIVISION							
001250	575500			AGRICLTRL REPAIR PTS/SPL						
002083	ALLBRITTON CHAIN SAW	89200	227358	2022 7	INV	P	17.94	041522	289926	GREASE FOR BRUSHCUT
002166	AUTO ARMATURE SERVIC	27724	227355	2022 6	INV	P	159.95	041522	289945	UNIT 15963 MT65 BAT
047024	GREENPOINT AG HOLDIN	1333812	227493	2022 7	INV	P	150.00	041522	290028	UNIT 20198 SHURFLO
				ACCOUNT TOTAL			327.89			
				ORG 001250 TOTAL			327.89			
001402			ECONOMIC DEV.							
001402	604900			OTHER PROFESSIONAL SERV.						
047187	FOUR SEASONS LAWN	HPSC #3	0	2022 7	INV	P	130,071.91	041522	290015	MB 2021-326 PUBLIC
				ACCOUNT TOTAL			130,071.91			
001402	7150CS			CSI LAB EQUIPMENT						
047487	SHELDON LABORATORY	0000125710	223120	2022 7	INV	P	9,330.50	041522	290153	FUME HOOD-PUBLIC SA
				ACCOUNT TOTAL			9,330.50			
001402	7150PL			PARKING LOT CONSTUCTION						
048667	R & J CONSTRUCTION	HPSC PARKING #1	0	2022 7	INV	P	543,537.18	041522	290130	MB 2021-258 HPSC PA
				ACCOUNT TOTAL			543,537.18			
				ORG 001402 TOTAL			682,939.59			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001551			AIRPORT DIV.							
001551	630000			GAS						
004321	SPIRE	G2022-5-APR	0	2022	7	INV	P	-16.18	041522	290172 SPIRE-VARIOUS DEPAR
				ACCOUNT TOTAL				-16.18		
001551	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1924210	0	2022	7	INV	P	45.00	041522	290034 HAVARD PEST CONTROL
003040	HAVARD PEST CONTROL	1924211	0	2022	7	INV	P	45.00	041522	290034 HAVARD PEST CONTROL
								90.00		
				ACCOUNT TOTAL				90.00		
				ORG 001551 TOTAL				73.82		
001553			CEMETERY DIV							
001553	500300			PAPER						
002709	EATON, ALVIN K (PETT	3/2022	0	2022	7	INV	P	3.00	041522	289999 PC 3/2022
				ACCOUNT TOTAL				3.00		
001553	500500			PRINTED FORMS						
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022	7	INV	P	24.20	041522	289999 PETTY CASH 1/2022
				ACCOUNT TOTAL				24.20		
001553	501000			OTHER EXPENDABLE OFF.SPL						
002709	EATON, ALVIN K (PETT	2/2022	0	2022	7	INV	P	19.78	041522	289999 PC 2/2022
				ACCOUNT TOTAL				19.78		
001553	502000			MINOR OFFICE EQUIP/FURN.						
002709	EATON, ALVIN K (PETT	3/2022	0	2022	7	INV	P	30.00	041522	289999 PC 3/2022
				ACCOUNT TOTAL				30.00		
001553	510000			CLEANING/JANITORIAL SPLY						
002709	EATON, ALVIN K (PETT	2/2022	0	2022	7	INV	P	28.89	041522	289999 PC 2/2022
				ACCOUNT TOTAL				28.89		
001553	544000			HORT./LANDSCAPING SPLY.						
003717	MS TURF	233939	227401	2022	7	INV	P	240.00	041522	290084 CENIPEDE SOD FOR CE
003717	MS TURF	233940	227414	2022	7	INV	P	480.00	041522	290084 CENIPEDE SOD FOR CE
								720.00		
				ACCOUNT TOTAL				720.00		
001553	546000			MINOR EQUIPMENT						

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YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002071	AIRGAS USA LLC (NORD	9987303134	0	2022 7	INV	P	77.40	041522	289924	RENTAL CHARGES ON A
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	14.96	041522	289999	PETTY CASH 1/2022
				ACCOUNT TOTAL			92.36			
001553	559000			OTHER OPERATING MATL/SPLY						
002239	BENNETT'S LOCK & KEY	00227318	227318	2022 6	INV	P	166.50	041522	289953	LOCKS AND KEYS FOR
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	11.00	041522	289999	PETTY CASH 1/2022
				ACCOUNT TOTAL			177.50			
001553	561000			PLUMBING SUPPLIES						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	6.42	041522	289999	PC 2/2022
				ACCOUNT TOTAL			6.42			
001553	570000			MTR VEHICLE REP. PTS/SPL						
002413	CARQUEST AUTO PARTS	14758-9498	227366	2022 6	INV	P	122.10	041522	289967	PLU 965- SPARK PLU
002413	CARQUEST AUTO PARTS	14758-9842	227480	2022 7	INV	P	36.55	041522	289967	SLB 7440LLBP2-MINI
							158.65			
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	16.60	041522	289999	PC 2/2022
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	33.76	041522	289999	PETTY CASH 1/2022
							50.36			
				ACCOUNT TOTAL			209.01			
001553	575500			AGRICLTRL REPAIR PTS/SPL						
004544	VERMEER MIDSOUTH INC	PRO FORMA	227435	2022 7	INV	P	726.46	041522	290194	REPAIRS TO WOOD CHI
				ACCOUNT TOTAL			726.46			
001553	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	183.50	041522	289943	MB2016-287/WIRELESS
002905	GILLILANDS ELECTRONI	7602	0	2022 7	INV	P	90.00	041522	290025	INSTALL CAMERA SOFT
				ACCOUNT TOTAL			273.50			
001553	630000			GAS						
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	112.86	041522	290172	SPIRE-VARIOUS DEPAR
				ACCOUNT TOTAL			112.86			
001553	630500			ELECTRICITY						
003873	PEARL RIVER VALLEY E	2022-03/24	0	2022 7	INV	P	42.40	041522	290108	PEARL RIVER VALLEY
				ACCOUNT TOTAL			42.40			

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ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001553	638400						MOTOR VEHICLE EQ. R&M			
004597	WATERS INTERNATIONAL	08S827945	227492	2022 7	INV	P	1,016.01	041522	290202	FF5269-FUEL FILTER-
					ACCOUNT TOTAL		1,016.01			
001553	638600						CONSTRUCTION EQUIP R&M			
004544	VERMEER MIDSOUTH INC	PRO FORMA	227435	2022 7	INV	P	4,192.45	041522	290194	REPAIRS TO WOOD CHI
					ACCOUNT TOTAL		4,192.45			
001553	733500						AGRICULTURAL EQUIPMENT			
002642	DEERE & COMPANY	08626910	226869	2022 7	INV	P	6,191.17	041522	289992	JOHN DEERE GATOR FO
003615	MISSISSIPPI AG COMPA	W92611	226870	2022 7	INV	P	1,341.43	041522	290075	EQUIPMENT FOR JOHN
					ACCOUNT TOTAL		7,532.60			
					ORG 001553 TOTAL		15,207.44			
001560			PARKING OPER.							
001560	502000						MINOR OFFICE EQUIP/FURN.			
003543	MCELHANEY PLUMBING I	291894	227453	2022 7	INV	P	352.45	041522	290071	PARKING GARAGE REST
					ACCOUNT TOTAL		352.45			
001560	565000						PAINT AND PAINTING SPLY.			
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	32.10	041522	289999	PETTY CASH 1/2022
					ACCOUNT TOTAL		32.10			
001560	638000						FIXED EQUIPMENT R&M			
003225	JACKSON, ROOSEVELT I	742246	227339	2022 7	INV	P	4,835.00	041522	290040	PARKING GARAGE REPA
					ACCOUNT TOTAL		4,835.00			
001560	640200						PARKING GARAGE/LOT RENT			
003789	NORFOLK SOUTHERN COR	92565016	0	2022 7	INV	P	2,111.52	041522	290096	LEASE RR PKG LOT MB
004530	V F W OF THE US	INV042022	0	2022 7	INV	P	75.00	041522	290193	PARKING LEASE AT VF
					ACCOUNT TOTAL		2,186.52			
					ORG 001560 TOTAL		7,406.07			
FUND 001 REVENUES					TOTAL:		1,426,324.09			

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ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002300			PKS/REC-RECREATION MAINT. DIV.							
002300	510000			CLEANING/JANITORIAL SPLY						
002729	ELKINS WHOLESALE INC	480573	227283	2022 6	INV	P	473.82	041522	290002	P&R GRNDS MAINT-JAN
				ACCOUNT TOTAL			473.82			
002300	525000			GAS AND OIL						
001002	CITY OF HATTIESBURG	12320008 3/22 FUND2	0	2022 7	INV	P	8,562.57	041522	289976	FUEL USAGE 3/1/22-3
				ACCOUNT TOTAL			8,562.57			
002300	525500			LUBRICANTS						
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	21.23	041522	289999	PETTY CASH 1/2022
				ACCOUNT TOTAL			21.23			
002300	546000			MINOR EQUIPMENT						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	3.98	041522	289999	PC 2/2022
004017	REGIONS CARDHOLDER S	2080 - 03-31-2022	0	2022 7	INV	P	53.26	041522	290135	2080 - 03-31-20220
				ACCOUNT TOTAL			57.24			
002300	559000			OTHER OPERATING MATL/SPLY						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	7.99	041522	289999	PC 2/2022
				ACCOUNT TOTAL			7.99			
002300	560000			BUILDING MATERIALS & SPLY						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	6.50	041522	289999	PC 2/2022
				ACCOUNT TOTAL			6.50			
002300	560500			ELECTRICAL SUPPLIES						
004256	SOLAR SUPPLY INC	3450321	227307	2022 7	INV	P	36.48	041522	290162	P&R UNETTA GYM-FILT
				ACCOUNT TOTAL			36.48			
002300	561000			PLUMBING SUPPLIES						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	25.25	041522	289999	PC 2/2022
003302	KEELING COMPANY (HAT	S4108990.001	227286	2022 6	INV	P	196.97	041522	290051	P&R GRNDS MAINT-PLU
003302	KEELING COMPANY (HAT	S4112326.001	227353	2022 6	INV	P	407.02	041522	290051	P&R TATUM SB-PLUMBI
							603.99			
003543	MCELHANEY PLUMBING I	291830	227351	2022 6	INV	P	9.95	041522	290071	P&R CHAIN PARK-TOIL
003543	MCELHANEY PLUMBING I	291831	225565	2022 6	INV	P	89.85	041522	290071	P&R DUNCAN LAKE-TOI
							99.80			

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ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
				ACCOUNT TOTAL			729.04			
002300	565000			PAINT AND PAINTING SPLY.						
002714	ECONOMY SUPPLY CO	072292	227014	2022 6	INV	P	557.20	041522	290000	P&R ALL BALLFIELDS-
				ACCOUNT TOTAL			557.20			
002300	570000			MTR VEHICLE REP. PTS/SPL						
002413	CARQUEST AUTO PARTS	14758-8995	227181	2022 6	INV	P	166.67	041522	289967	P&R TRK UNIT 18558-
003246	JERRY'S AUTOMOTIVE R	21613	226836	2022 6	INV	P	1,912.20	041522	290044	P&R TRK UNIT 18561-
004299	SOUTHERN TIRE MART L	2520088544	227245	2022 7	INV	P	442.32	041522	290170	P&R TRK UNIT 18561-
				ACCOUNT TOTAL			2,521.19			
002300	575500			AGRICLTRL REPAIR PTS/SPL						
003843	PARISH TRACTOR (HATT	02-210265	227368	2022 7	INV	P	260.80	041522	290105	P&R GRNDS MAINT EQU
				ACCOUNT TOTAL			260.80			
002300	602000			CONSULTANT SERV/SURVEYS						
003764	NEEL-SCHAFFER INC	1076739-1077053	0	2022 6	INV	P	3,112.40	041522	290093	P&R TIMBERTON RESTO
				ACCOUNT TOTAL			3,112.40			
002300	604900			OTHER PROFESSIONAL SERV.						
002275	BLUE DOLPHIN POOLS	45478	0	2022 7	INV	P	720.00	041522	289956	P&R VET/CITYHALL/CU
				ACCOUNT TOTAL			720.00			
002300	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	505.02	041522	289943	MB2016-287/WIRELESS
				ACCOUNT TOTAL			505.02			
002300	612000			FREIGHT						
002714	ECONOMY SUPPLY CO	072292	227014	2022 6	INV	P	20.00	041522	290000	P&R ALL BALLFIELDS-
				ACCOUNT TOTAL			20.00			
002300	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	54.63	041522	290082	MISSISSIPPI POWER-V
				ACCOUNT TOTAL			54.63			
002300	635500			ELECTRICAL R&M						
002672	DOLEAC ELECTRIC CO I	H25714	0	2022 6	INV	P	2,334.03	041522	289996	P&R KAMPER COURTS R
002672	DOLEAC ELECTRIC CO I	H26071	0	2022 6	INV	P	2,199.68	041522	289996	P&R TATUM BB-REP FI
002672	DOLEAC ELECTRIC CO I	H26156	0	2022 7	INV	P	262.86	041522	289996	P&R TATUM BB ELECTR
							4,796.57			

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ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
				ACCOUNT TOTAL			4,796.57			
002300	638400			MOTOR VEHICLE EQ. R&M						
002361	BURKETT RADIATOR SHO	67548	227243	2022 6	INV	P	80.00	041522	289963	P&R TRK UNIT 21613-
003246	JERRY'S AUTOMOTIVE R	21613	226836	2022 6	INV	P	1,208.40	041522	290044	P&R TRK UNIT 18561-
004299	SOUTHERN TIRE MART L	2520085004	226530	2022 6	INV	P	39.95	041522	290170	P&R GRND MAINT TRUC
004299	SOUTHERN TIRE MART L	2520085056	226530	2022 6	INV	P	39.95	041522	290170	P&R GRND MAINT TRUC
004299	SOUTHERN TIRE MART L	2520085059	226530	2022 6	INV	P	39.95	041522	290170	P&R GRND MAINT TRUC
004299	SOUTHERN TIRE MART L	2520085067	226530	2022 6	INV	P	39.95	041522	290170	P&R GRND MAINT TRUC
004299	SOUTHERN TIRE MART L	2520088544	227245	2022 7	INV	P	521.95	041522	290170	P&R TRK UNIT 18561-
							681.75			
				ACCOUNT TOTAL			1,970.15			
002300	638700			AGRICULTURAL EQ. R&M						
003380	LANCASTER'S MACHINE	25151	227308	2022 6	INV	P	300.00	041522	290059	P&R GRNDS MAINT-LAB
				ACCOUNT TOTAL			300.00			
002300	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1881183	0	2022 7	INV	P	69.00	041522	290034	HAVARD PEST CONTROL
003040	HAVARD PEST CONTROL	1896660	0	2022 7	INV	P	50.00	041522	290034	HAVARD PEST CONTROL
003040	HAVARD PEST CONTROL	1924222	0	2022 7	INV	P	48.00	041522	290034	HAVARD PEST CONTROL
							167.00			
				ACCOUNT TOTAL			167.00			
002300	643000			UNIFORM RENT						
002471	CINTAS CORPORATION #	4112977590	0	2022 6	INV	P	182.00	041522	289973	P&R GRNDS MAINT UNI
002471	CINTAS CORPORATION #	4114366100	0	2022 6	INV	P	193.90	041522	289973	P&R GRNDS MAINT UNI
							375.90			
				ACCOUNT TOTAL			375.90			
002300	644900			OTHER RENT						
002471	CINTAS CORPORATION #	4112977205	0	2022 6	INV	P	33.66	041522	289974	P&R GRNDS MAINT MAT
002471	CINTAS CORPORATION #	4114365757	0	2022 6	INV	P	15.83	041522	289974	P&R GRNDS MAINT MAT
							49.49			
004281	SOUTHERN ON SITE STO	88877	227350	2022 6	INV	P	312.50	041522	290166	P&R TATUM SOCCER-RE
				ACCOUNT TOTAL			361.99			
002300	687000			CUSTODIAL SERVICE						
002037	AB SUPPORT SERVICES	382001	225007	2022 6	INV	P	380.00	041522	289919	MB# 2021-1274 JANIT

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
				ACCOUNT TOTAL			380.00			
002300	699900			SERVICES NOT SPECIFIED						
002777	FAGAN TREE AND SPRAY	3748	227369	2022 6	INV	P	1,786.00	041522	290007	P&R GRNDS- LABOR TO
004609	WEBBS PAINT COMPANY	140352	227310	2022 7	INV	P	2,800.00	041522	290204	P&R 9TH ST BALLPARK
047187	FOUR SEASONS LAWN	12300	0	2022 7	INV	P	530.00	041522	290015	P&R 38TH AVE-LABOR
				ACCOUNT TOTAL			5,116.00			
				ORG 002300 TOTAL			31,113.72			
002315			PKS/REC-REC.ADMIN/COM.REL.							
002315	501000			OTHER EXPENDABLE OFF.SPL						
003809	OFFICE DEPOT INC	2546919825	226214	2022 7	INV	P	498.49	041522	290100	OFFICE DEPOT - OFFI
004050	RICOH CORP	1091981272	223374	2022 7	INV	P	350.00	041522	290137	PRINTER FOR CHRIS M
				ACCOUNT TOTAL			848.49			
002315	525000			GAS AND OIL						
001002	CITY OF HATTIESBURG	12320008 3/22 FUND2	0	2022 7	INV	P	49.00	041522	289976	FUEL USAGE 3/1/22-3
				ACCOUNT TOTAL			49.00			
002315	551000			RECREATIONAL SUPPLIES						
002171	AYERS DISTRIBUTING C	946	227313	2022 7	INV	P	290.00	041522	289947	EASTER EGGS
003937	PLAY IT AGAIN SPORTS	000882	226980	2022 7	INV	P	402.36	041522	290119	EVO NXT LEATHER BAS
				ACCOUNT TOTAL			692.36			
002315	551001			RECREATIONAL SUPP-ARTS CENTER						
002049	ADAMS NURSERY	918265	227289	2022 7	INV	P	680.50	041522	289921	ART CENTER LANDSCAP
004017	REGIONS CARDHOLDER S	2080 - 03-31-2022	0	2022 7	INV	P	245.01	041522	290135	2080 - 03-31-20220
				ACCOUNT TOTAL			925.51			
002315	603400			OFFICIALS						
003425	LINDSEY, TABORIS	4.08.2022	0	2022 7	INV	P	50.00	041522	290066	HPR CONTRACT LABOR
004432	THOMPSON, JESSE	4.08.2022	0	2022 7	INV	P	125.00	041522	290183	HPR CONTRACT LABOR
048262	THOMPSON MARQIEL O	4.08.2022	0	2022 7	INV	P	100.00	041522	290182	HPR CONTRACT LABOR
048583	BUNCH LATOYA L	4.08.2022	0	2022 7	INV	P	300.00	041522	289962	HPR CONTRACT LABOR
048584	SUTTON DIONTA T	4.08.2022	0	2022 7	INV	P	75.00	041522	290177	HPR CONTRACT LABOR

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
048589	SMITH JELISA K	4.8.2022	0	2022 7	INV	P	175.00	041522	290161	HPR CONTRACT LABOR
048590	CRAWFORD OTTO	4.08.2022	0	2022 7	INV	P	325.00	041522	289986	HPR CONTRACT LABOR
048591	MORRIS ROBERT L	4.08.2022	0	2022 7	INV	P	725.00	041522	290080	HPR CONTRACT LABOR
048728	STALLINGS IVORY B	4.08.2022	0	2022 7	INV	P	375.00	041522	290174	HPR CONTRACT LABOR
048729	PAIGE NICHOLAS F	4.8.2022	0	2022 7	INV	P	175.00	041522	290104	HPR CONTRACT LABOR
048730	MULLIGAN PHILIP D	4.08.2022	0	2022 7	INV	P	75.00	041522	290086	HPR CONTRACT LABOR
				ACCOUNT TOTAL			2,500.00			
002315	604900			OTHER PROFESSIONAL SERV.						
002540	CONNER, TOBARRA	4.08.2022	0	2022 7	INV	P	430.00	041522	289982	HPR CONTRACT LABOR
002908	GLOBAL SECURITY COMP	1509	0	2022 7	INV	P	1,305.00	041522	290026	MARCH SECURITY FOR
002965	GUTHRIE, JONI S	4.8.2022	0	2022 7	INV	P	120.00	041522	290030	HPR CONTTACT LABOR
003313	KETTLEY, ANNETTE	4.08.2022	0	2022 7	INV	P	360.00	041522	290055	HPR CONTRACT LABOR
003508	MARTIN, MAGDALINE	4.8.2022	0	2022 7	INV	P	96.00	041522	290069	HPR CONTRACT LABOR
003958	POWELL, RANDY	4.08.2022	0	2022 7	INV	P	810.00	041522	290123	HPR CONTRACT LABOR
004323	SPORTS ILLUSTRATED P	526454	0	2022 7	INV	P	366.50	041522	290173	SI PLAY MONTHLY STA
048422	RAY NANCY REBEKAH	4.8.2022	0	2022 7	INV	P	150.00	041522	290132	HPR CONTRACT LABOR
				ACCOUNT TOTAL			3,637.50			
002315	604919			OTH PROF SERV-ART CENTER						
047117	ABIGAIL L ALLEN	3312022	0	2022 7	INV	P	300.00	041522	289920	AFTER-SCHOOL ART CL
047971	BRETT CUMMINS	033120222	0	2022 7	INV	P	100.00	041522	289959	WATERCOLOR CLASSES
048674	SMITH GABRIELE	3032022	0	2022 7	INV	P	300.00	041522	290160	TEACHER ASSISTANT F
				ACCOUNT TOTAL			700.00			
002315	630000			GAS						
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	70.55	041522	290172	SPIRE-VARIOUS DEPAR
				ACCOUNT TOTAL			70.55			
002315	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	1,360.42	041522	290082	MISSISSIPPI POWER-V
				ACCOUNT TOTAL			1,360.42			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002315	639400				DISINFECT./EXTERMINATION					
003040	HAVARD PEST CONTROL	1924191	0	2022	7	INV	P	48.00	041522	290034 HAVARD PEST CONTROL
					ACCOUNT TOTAL			48.00		
					ORG 002315 TOTAL			10,831.83		
002341					PKS/REC-KAMPER PARK ZOO DIV.					
002341	630500				ELECTRICITY					
003700	MS POWER COMPANY	E2022 3.28.22	0	2022	7	INV	P	100.64	041522	290082 MS POWER KAMPER PAR
					ACCOUNT TOTAL			100.64		
					ORG 002341 TOTAL			100.64		
		FUND 002 PARKS & RECREATION FUND				TOTAL:		42,046.19		

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
005160			H.M.F.P.FUND-FIRE DIVISION							
005160	535500		WEARING APPAREL							
003744	NAFECO-NORTH AMERICA	1138495	226866	2022 7	INV	P	1,093.00	041522	290089	HFD FIREFIGHTING GE
				ACCOUNT TOTAL			1,093.00			
				ORG 005160 TOTAL			1,093.00			
			FUND 005 HATT.MUNICIPAL FIRE PROTECTION			TOTAL:	1,093.00			

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YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
009660			W&S O&M-CUSTOMER ACCT. DIV.							
009660	500300			PAPER						
004316	SPEEDY PRINTING & SI	30138	227496	2022 7	INV	P	1,018.20	041522	290171	RECEIPT PAPER WATER
				ACCOUNT TOTAL			1,018.20			
009660	525000			GAS AND OIL						
001002	CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	1,227.52	041522	289976	3/22 FUEL USAGE 3/1
				ACCOUNT TOTAL			1,227.52			
009660	559000			OTHER OPERATING MATL/SPLY						
002342	BRUCE AUTO RECYCLING	503466	227436	2022 7	INV	P	185.00	041522	289961	TAILIGHT FOR UNIT 2
				ACCOUNT TOTAL			185.00			
009660	604900			OTHER PROFESSIONAL SERV.						
002146	ARNOLD LINE WATER AS	271415	0	2022 7	INV	P	2,350.00	041522	289934	MB 2021-839 PAYMENT
002146	ARNOLD LINE WATER AS	271416	0	2022 7	INV	P	405.00	041522	289934	SEWER READS JAN FEB
							2,755.00			
002181	BADGER METER INC	80095717	0	2022 6	INV	P	1,395.70	041522	289948	M/B 2018-832 BEACON
002665	DIXIE COMMUNITY UTIL	DIXIE 04042022	0	2022 7	INV	P	420.00	041522	289995	SEWER READS MARCH 2
004003	RAWLS SPRINGS UTILIT	RS 03222022	0	2022 7	INV	P	208.00	041522	290131	SEWER READS MAR 202
				ACCOUNT TOTAL			4,778.70			
009660	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	589.92	041522	289943	MB2016-287/WIRELESS
				ACCOUNT TOTAL			589.92			
009660	607000			POSTAGE						
047562	ENCO UTILITY	21669	0	2022 6	INV	P	2,023.48	041522	290005	MB 2020-835 RT 3 BI
047562	ENCO UTILITY	21901	0	2022 7	INV	P	2,871.35	041522	290005	MB 2020-835 RT 1 BI
							4,894.83			
				ACCOUNT TOTAL			4,894.83			
009660	620000			PRINTING						
047562	ENCO UTILITY	21669	0	2022 6	INV	P	757.33	041522	290005	MB 2020-835 RT 3 BI
047562	ENCO UTILITY	21901	0	2022 7	INV	P	1,073.52	041522	290005	MB 2020-835 RT 1 BI
							1,830.85			
				ACCOUNT TOTAL			1,830.85			

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YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
009660 638400						MOTOR VEHICLE EQ. R&M			
004514 UNIVERSITY TIRE & SE	193115	227458	2022 7	INV	P	150.48	041522	290192	TIRE REPAIR UNIT #2
						ACCOUNT TOTAL 150.48			
009660 643000						UNIFORM RENT			
002471 CINTAS CORPORATION #	4115306231	0	2022 7	INV	P	68.83	041522	289973	S/C 8200044758 UNIF
002471 CINTAS CORPORATION #	4115991968	0	2022 7	INV	P	98.81	041522	289973	S/C 8200044758 UNIF
						167.64			
						ACCOUNT TOTAL 167.64			
009660 687000						CUSTODIAL SERVICE			
002037 AB SUPPORT SERVICES	481001	225889	2022 6	INV	P	550.00	041522	289919	MB# 2022-58 JANITOR
						ACCOUNT TOTAL 550.00			
						ORG 009660 TOTAL 15,393.14			
009672						W&S O&M-WATER TRANSMISSION DIV			
009672 525000						GAS AND OIL			
001002 CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	5,348.54	041522	289976	3/22 FUEL USAGE 3/1
						ACCOUNT TOTAL 5,348.54			
009672 525700						DIESEL FUEL			
001002 CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	95.07	041522	289976	3/22 FUEL USAGE 3/1
						ACCOUNT TOTAL 95.07			
009672 540000						ASPHALT & ASPHALT PROD.			
004586 WARREN PAVING INC	59606	227034	2022 6	INV	P	296.48	041522	290197	CRUSHED CONCRETE (I
						ACCOUNT TOTAL 296.48			
009672 546000						MINOR EQUIPMENT			
004120 SANSOM EQUIPMENT CO	P01241	220908	2022 7	INV	P	357.97	041522	290145	1/2" CHISEL POINTS
						ACCOUNT TOTAL 357.97			
009672 561000						PLUMBING SUPPLIES			
002559 CORE & MAIN (HD SUPP	Q537255	227170	2022 7	INV	P	663.53	041522	289983	WAREHOUSE STOCK FOR
002559 CORE & MAIN (HD SUPP	Q554416	227170	2022 7	INV	P	931.43	041522	289983	WAREHOUSE STOCK FOR
002559 CORE & MAIN (HD SUPP	Q568706	227170	2022 7	INV	P	119.04	041522	289983	WAREHOUSE STOCK FOR
						1,714.00			
						ACCOUNT TOTAL 1,714.00			
009672 570000						MTR VEHICLE REP. PTS/SPL			
002413 CARQUEST AUTO PARTS	14758-6782	226379	2022 7	INV	P	14.44	041522	289968	REPAIR PARTS FOR UN

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YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002413	CARQUEST AUTO PARTS	14758-9487	227356	2022 7	INV	P	46.68	041522	289967	REPAIR PARTS FOR UN
002413	CARQUEST AUTO PARTS	14758-9550	227371	2022 7	INV	P	289.62	041522	289967	REPAIR PARTS FOR UN
002413	CARQUEST AUTO PARTS	14758-9602	227406	2022 7	INV	P	82.71	041522	289967	REPAIR PARTS FOR UN
002413	CARQUEST AUTO PARTS	14758-9603	227405	2022 7	INV	P	80.46	041522	289967	BRAKE PADS FOR UNIT
002413	CARQUEST AUTO PARTS	14758-9613	227413	2022 7	INV	P	140.92	041522	289967	REPAIR PARTS FOR UN
002413	CARQUEST AUTO PARTS	14758-9843	227473	2022 7	INV	P	16.65	041522	289967	REPAIR PARTS FOR UN
							671.48			
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	9.62	041522	289999	PETTY CASH 1/2022
003861	PATTERSON AUTO ELECT	81337	227136	2022 6	INV	P	64.91	041522	290107	REPAIRS FOR UNIT #2
003861	PATTERSON AUTO ELECT	81367	227467	2022 7	INV	P	1,329.95	041522	290107	REPAIRS FOR UNIT #
003861	PATTERSON AUTO ELECT	81369	227468	2022 7	INV	P	156.61	041522	290107	REPAIRS TO UNIT # 1
							1,551.47			
				ACCOUNT TOTAL			2,232.57			
009672	599000			OTHER REPAIR/MAINT. SPL.						
003987	PUCKETT RENTS	885806-0001	227338	2022 7	INV	P	69.36	041522	290127	LARGE LEVEL 4 WORK
				ACCOUNT TOTAL			69.36			
009672	604900			OTHER PROFESSIONAL SERV.						
003380	LANCASTER'S MACHINE	25163	227404	2022 7	INV	P	285.00	041522	290059	WHEEL KEYS & PROBE
				ACCOUNT TOTAL			285.00			
009672	636000			STREETS & STRUCTURES R&M						
003649	C J MORGAN INC	2022023	0	2022 7	INV	P	212,900.80	041522	289964	MB2020-179:WATER RE
048434	AMERICAN TANK	AMER040122	0	2022 7	INV	P	86,737.56	041522	289930	QUARTERLY TANK INSP
				ACCOUNT TOTAL			299,638.36			
009672	638400			MOTOR VEHICLE EQ. R&M						
002700	EAGLE TIRE AND SERVI	INV063263	227357	2022 7	INV	P	39.80	041522	289998	REPAIR FLATS ON UNI
003861	PATTERSON AUTO ELECT	81337	227136	2022 6	INV	P	467.50	041522	290107	REPAIRS FOR UNIT #2
003861	PATTERSON AUTO ELECT	81367	227467	2022 7	INV	P	297.50	041522	290107	REPAIRS FOR UNIT #
003861	PATTERSON AUTO ELECT	81369	227468	2022 7	INV	P	382.50	041522	290107	REPAIRS TO UNIT # 1
							1,147.50			
				ACCOUNT TOTAL			1,187.30			
009672	638600			CONSTRUCTION EQUIP R&M						
003987	PUCKETT RENTS	884360	227264	2022 6	INV	P	223.30	041522	290127	REPAIRS TO WACKER P
				ACCOUNT TOTAL			223.30			

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ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
009672	742000			PICK UP TRUCKS						
003915	PINE BELT CDJR, INC	103051	227427	2022 7	INV	P	30,377.00	041522	290114	TWO QUOTE 2021 RAM
				ACCOUNT TOTAL			30,377.00			
				ORG 009672 TOTAL			341,824.95			
009673			W&S O&M-WATER PLANT DIVISION							
009673	501000			OTHER EXPENDABLE OFF.SPL						
002448	CHAMPION FLAGS	031123-IN	227361	2022 7	INV	P	216.99	041522	289971	FLAG FOR WATER PLAN
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	4.04	041522	289999	PC 3/2022
003809	OFFICE DEPOT INC	2564620738	227384	2022 7	INV	P	88.87	041522	290100	OFFICE SUPPLIES FOR
				ACCOUNT TOTAL			309.90			
009673	513000			CHEMICALS						
002094	ALLIED UNIVERSAL COR	I2769790	227364	2022 7	INV	P	2,935.75	041522	289927	CHLORINE FOR WATER
002094	ALLIED UNIVERSAL COR	I2769894	227337	2022 7	INV	P	854.00	041522	289927	150# CHLORINE FOR F
002094	ALLIED UNIVERSAL COR	I2769895	227337	2022 7	INV	P	732.00	041522	289927	150# CHLORINE FOR F
002094	ALLIED UNIVERSAL COR	I2769898	227364	2022 7	INV	P	2,348.60	041522	289927	CHLORINE FOR WATER
							6,870.35			
				ACCOUNT TOTAL			6,870.35			
009673	525000			GAS AND OIL						
001002	CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	711.33	041522	289976	3/22 FUEL USAGE 3/1
				ACCOUNT TOTAL			711.33			
009673	525700			DIESEL FUEL						
001002	CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	95.98	041522	289976	3/22 FUEL USAGE 3/1
				ACCOUNT TOTAL			95.98			
009673	570000			MTR VEHICLE REP. PTS/SPL						
002160	AT&T MOBILITY	287273861504X040822	0	2022 7	INV	P	244.93	041522	289944	MB2016-287/GPS TRAC
002166	AUTO ARMATURE SERVIC	27650	227261	2022 6	INV	P	333.90	041522	289945	BATTERIES FOR UNIT
002413	CARQUEST AUTO PARTS	14758-160304	222540	2022 7	INV	P	207.69	041522	289967	REPAIR PARTS FOR UN
002413	CARQUEST AUTO PARTS	14758-9421	227317	2022 6	INV	P	60.40	041522	289967	REPAIR PARTS FOR UN
							268.09			
004466	TRUCKS PLUS AUTO ACC	44375	227495	2022 7	INV	P	577.00	041522	290187	REPAIR PARTS FOR UN
				ACCOUNT TOTAL			1,423.92			
009673	604900			OTHER PROFESSIONAL SERV.						

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ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002288	BONNER ANALYTICAL TE	76494	0	2022 7	INV	P	2,416.08	041522	289957	NPDES MONITORING FO
002567	COURTNEY'S RESTAURAN	14650	227314	2022 7	INV	P	793.02	041522	289985	REPAIR ICE MACHINE
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	8.00	041522	289999	PC 3/2022
003704	MS RURAL WATER ASSN	10323-2023	0	2022 7	INV	P	1,315.00	041522	290083	ANNUAL DUES FOR MS
004017	REGIONS CARDHOLDER S	1286 - 03-31-2022	0	2022 7	INV	P	715.34	041522	290135	1286 - 03-31-2022 C
048597	TRINITY CONSULTANTS	1333136	0	2022 7	INV	P	4,815.63	041522	290186	COH ODOR STUDY,MARC
				ACCOUNT TOTAL			10,063.07			
009673	612000			FREIGHT						
002448	CHAMPION FLAGS	031123-IN	227361	2022 7	INV	P	6.99	041522	289971	FLAG FOR WATER PLAN
004120	SANSOM EQUIPMENT CO	P01241	220908	2022 7	INV	P	19.53	041522	290145	1/2" CHISEL POINTS
				ACCOUNT TOTAL			26.52			
009673	630000			GAS						
004321	SPIRE	G2022 3.28	0	2022 7	INV	P	19.17	041522	290172	SPIRE (WILLMUT GAS)
				ACCOUNT TOTAL			19.17			
009673	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	25,997.87	041522	290082	MISSISSIPPI POWER-V
003700	MS POWER COMPANY	E2022-4 MAR	0	2022 7	INV	P	52.86	041522	290082	MISSISSIPPI POWER-
							26,050.73			
003873	PEARL RIVER VALLEY E	2022 31/MAR	0	2022 7	INV	P	6,098.32	041522	290109	PEARL RIVE VALLEY-V
003873	PEARL RIVER VALLEY E	2022-03/24	0	2022 7	INV	P	66.60	041522	290108	PEARL RIVER VALLEY
003873	PEARL RIVER VALLEY E	2022-25 MAR	0	2022 7	INV	P	51.87	041522	290109	PEARL RIVER VALLEY
							6,216.79			
				ACCOUNT TOTAL			32,267.52			
009673	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1924215	0	2022 7	INV	P	50.00	041522	290034	HAVARD PEST CONTROL
				ACCOUNT TOTAL			50.00			
009673	643000			UNIFORM RENT						
002471	CINTAS CORPORATION #	4115306968	0	2022 7	INV	P	246.98	041522	289973	SC#8200044758- UNIF
002471	CINTAS CORPORATION #	4115992397	0	2022 7	INV	P	246.98	041522	289973	SC#8200044758 - UNI
							493.96			
				ACCOUNT TOTAL			493.96			

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ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
009673 643500						MOP-MAT-RAG RENT			
002471 CINTAS CORPORATION #	4115306463	0	2022 7	INV	P	23.03	041522	289974	SC#8200044758- MOPS
002471 CINTAS CORPORATION #	4115992173	0	2022 7	INV	P	23.03	041522	289974	SC#8200044758 - MOP
						46.06			
					ACCOUNT TOTAL	46.06			
009673 687000						CUSTODIAL SERVICE			
002037 AB SUPPORT SERVICES	382001	225007	2022 6	INV	P	380.00	041522	289919	MB# 2021-1274 JANIT
					ACCOUNT TOTAL	380.00			
					ORG 009673 TOTAL	52,757.78			
009676		W&S O&M-SEWER DIVISION							
009676 513000						CHEMICALS			
002559 CORE & MAIN (HD SUPP	Q497671	227073	2022 6	INV	P	975.24	041522	289983	WAREHOUSE STOCK FOR
					ACCOUNT TOTAL	975.24			
009676 525000						GAS AND OIL			
001002 CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	792.41	041522	289976	3/22 FUEL USAGE 3/1
					ACCOUNT TOTAL	792.41			
009676 525700						DIESEL FUEL			
001002 CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	759.91	041522	289976	3/22 FUEL USAGE 3/1
					ACCOUNT TOTAL	759.91			
009676 546000						MINOR EQUIPMENT			
004120 SANSOM EQUIPMENT CO	P01495	222521	2022 7	INV	P	266.74	041522	290145	CO2 CANISTERS FOR C
					ACCOUNT TOTAL	266.74			
009676 561000						PLUMBING SUPPLIES			
002442 CENTRAL PIPE SUPPLY	S100285814-004	226766	2022 6	INV	P	15.06	041522	289970	WAREHOUSE STOCK --
002559 CORE & MAIN (HD SUPP	Q497671	227073	2022 6	INV	P	2,088.24	041522	289983	WAREHOUSE STOCK FOR
002559 CORE & MAIN (HD SUPP	Q537891	227073	2022 7	INV	P	454.44	041522	289983	WAREHOUSE STOCK FOR
						2,542.68			
002709 EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	8.55	041522	289999	PC 3/2022
004284 SOUTHERN PIPE & SUPP	6392058-00	226907	2022 6	INV	P	830.12	041522	290168	WAREHOUSE STOCK --
					ACCOUNT TOTAL	3,396.41			
009676 570000						MTR VEHICLE REP. PTS/SPL			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002169	AUTOMOTIVE GLASS SPE	I249225	227191	2022 7	INV	P	165.00	041522	289946	LEFT REAR WINDOW FO
002413	CARQUEST AUTO PARTS	14758-7857	226790	2022 7	INV	P	20.58	041522	289967	REPAIR PARTS FOR #
002413	CARQUEST AUTO PARTS	14758-9530	227335	2022 7	INV	P	29.78	041522	289967	REPAIR PARTS FOR #1
002413	CARQUEST AUTO PARTS	14758-9949	227527	2022 7	INV	P	83.86	041522	289967	REPAIR PARTS FOR UN
							134.22			
003645	MOORE'S LOCK AND KEY	28989	227403	2022 7	INV	P	165.00	041522	290079	KEY FOR UNIT # 2004
004120	SANSOM EQUIPMENT CO	P00700	0	2022 7	INV	P	1,025.00	041522	290145	WARTHOG NOZZEL FOR
004205	SIGNS FIRST	H-80030	0	2022 7	INV	P	25.83	041522	290159	LETTERING FOR UNIT
				ACCOUNT TOTAL			1,515.05			
009676	612000			FREIGHT						
004120	SANSOM EQUIPMENT CO	P01495	222521	2022 7	INV	P	28.26	041522	290145	CO2 CANISTERS FOR C
				ACCOUNT TOTAL			28.26			
009676	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	741.89	041522	290082	MISSISSIPPI POWER-V
004282	SOUTHERN PINE ELECTR	E2022-04/04	0	2022 7	INV	P	241.54	041522	290167	SOUTHERN PINE ELEC-
				ACCOUNT TOTAL			983.43			
009676	638400			MOTOR VEHICLE EQ. R&M						
002169	AUTOMOTIVE GLASS SPE	I249225	227191	2022 7	INV	P	95.00	041522	289946	LEFT REAR WINDOW FO
				ACCOUNT TOTAL			95.00			
009676	638600			CONSTRUCTION EQUIP R&M						
002083	ALLBRITTON CHAIN SAW	12743	227393	2022 7	INV	P	25.00	041522	289926	INSTALL MOWER BLADE
002083	ALLBRITTON CHAIN SAW	89325	227429	2022 7	INV	P	366.60	041522	289926	GATORLINE & ACCESSO
							391.60			
003987	PUCKETT RENTS	886271	227432	2022 7	INV	P	111.65	041522	290127	REPAIRS TO HONDA 34
				ACCOUNT TOTAL			503.25			
				ORG 009676 TOTAL			9,315.70			
009677				W&S O&M-SEWER LAGOON DIV.						
009677	525000			GAS AND OIL						
001002	CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	325.04	041522	289976	3/22 FUEL USAGE 3/1
				ACCOUNT TOTAL			325.04			
009677	525700			DIESEL FUEL						

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
001002	CITY OF HATTIESBURG	12320008 3/22 FUND9	0	2022 7	INV	P	450.00	041522	289976	3/22 FUEL USAGE 3/1
				ACCOUNT TOTAL			450.00			
009677	604900			OTHER PROFESSIONAL SERV.						
004423	THE SPECTRUM GROUP I	10668	0	2022 6	INV	P	500.00	041522	290180	ANNUAL CALIBRATION
004599	WATKINS & EAGAR	417066	0	2022 6	INV	P	11,889.80	041522	290203	ENVIRONMENTAL MATTE
				ACCOUNT TOTAL			12,389.80			
009677	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	16,042.28	041522	290082	MISSISSIPPI POWER-V
003873	PEARL RIVER VALLEY E	2022 31/MAR	0	2022 7	INV	P	3,022.66	041522	290109	PEARL RIVE VALLEY-V
003873	PEARL RIVER VALLEY E	2022-03/24	0	2022 7	INV	P	563.51	041522	290108	PEARL RIVER VALLEY
003873	PEARL RIVER VALLEY E	2022-25 MAR	0	2022 7	INV	P	43.27	041522	290109	PEARL RIVER VALLEY
							3,629.44			
				ACCOUNT TOTAL			19,671.72			
009677	638000			FIXED EQUIPMENT R&M						
003348	L & A CONTRACTING CO	483-211	0	2022 7	INV	P	48,280.70	041522	290057	MB2016-64: LAGOONS
				ACCOUNT TOTAL			48,280.70			
009677	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1924216	0	2022 7	INV	P	40.00	041522	290034	HAVARD PEST CONTROL
003040	HAVARD PEST CONTROL	1924217	0	2022 7	INV	P	40.00	041522	290034	HAVARD PEST CONTROL
							80.00			
				ACCOUNT TOTAL			80.00			
				ORG 009677 TOTAL			81,197.26			
FUND 009 WATER & SEWER OPERATION/MAINT.				TOTAL:			500,488.83			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S	WARRANT	CHECK	DESCRIPTION
011000			WATER & SEWER BALANCE SHEET						
011000	114000		METER SECURITY DEPOSITS						
002977	HALLMAN PROPERTIES 2	119331 85766	0	2022 7	INV	P	18.00	041522	290032 MTR DEP REF 85766
047996	REALTY STAR NETWORK	118402 85950	0	2022 7	INV	P	75.00	041522	290133 MTR DEP REF 85950
047996	REALTY STAR NETWORK	118713 85172	0	2022 7	INV	P	18.00	041522	290133 MTR DEP REF 85172
							93.00		
048305	PICASSO ESTATES	115634 85773	0	2022 7	INV	P	9.76	041522	290111 MTR DEP REF 85773
048312	JEFF MARTIN PROPERTI	118656 85110	0	2022 7	INV	P	18.00	041522	290043 MTR DEP REF 85110
048683	KEMPER CORP	113098 79874	0	2022 7	INV	P	75.00	041522	290054 MTR DEP REF 79874
048684	SHONEY'S MISSISS	77070 47633	0	2022 7	INV	P	28.86	041522	290157 MTR DEP REF 47633
048685	LAUREN ROBERTSON	100480 68497	0	2022 7	INV	P	18.00	041522	290063 MTR DEP REF 68497
048686	DANIEL L MCKEL	101069 69005	0	2022 7	INV	P	18.00	041522	289989 MTR DEP REF 69005
048687	AFFORDABLE AUTO	102397 70215	0	2022 7	INV	P	75.00	041522	289923 MTR DEP REF 70215
048688	SARA CRONE	107236 74532	0	2022 7	INV	P	18.00	041522	290146 MTR DEP REF 74532
048689	ROBERT CHARLES TER	108905 76061	0	2022 7	INV	P	75.00	041522	290140 MTR DEP REF 76061
048690	JOHN STORM	109613 76727	0	2022 7	INV	P	18.00	041522	290045 MTR DEP REF 76727
048691	NORENE MITCHELL	109664 76775	0	2022 7	INV	P	18.00	041522	290095 MTR DEP REF 76775
048693	APRIL LEONARD	113531 80279	0	2022 7	INV	P	18.00	041522	289933 MTR DEP REF 80279
048694	GRAY F STRICKLAND	114692 81328	0	2022 7	INV	P	18.00	041522	290027 MTR DEP REF 81328
048695	ANN FEARING	115133 81735	0	2022 7	INV	P	12.00	041522	289931 MTR DEP REF 81735
048696	JANELLE SHIVES	115226 81820	0	2022 7	INV	P	75.00	041522	290042 MTR DEP REF 81820
048697	LIVE LIFE BLUE	116183 82721	0	2022 7	INV	P	58.60	041522	290067 MTR DEP REF 82721
048698	GILBERT AREVALO JR	115898 82464	0	2022 7	INV	P	18.00	041522	290022 MTR DEP REF 82464
048699	KELCIE CRANE	116585 83095	0	2022 7	INV	P	75.00	041522	290053 MTR DEP REF 83095
048700	THOMAS LAMBERTH	116942 83437	0	2022 7	INV	P	75.00	041522	290181 MTR DEP REF 83437
048701	GEORGE BELL	117139 83634	0	2022 7	INV	P	18.00	041522	290021 MTR DEP REF 83634
048702	AMBER SUMRALL	117669 84156	0	2022 7	INV	P	35.00	041522	289928 MTR DEP REF 84156

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S	WARRANT	CHECK	DESCRIPTION
048703 PEDRON TEMICH	118027 84503	0	2022 7	INV	P	18.00 041522	290110	MTR DEP REF 84503
048706 JULIA THOMAS	118500 84967	0	2022 7	INV	P	18.00 041522	290050	MTR DEP REF 84967
048707 TERESA BELL	118642 85105	0	2022 7	INV	P	75.00 041522	290179	MTR DEP REF 85105
048708 JUDITH FINK	119156 85598	0	2022 7	INV	P	75.00 041522	290049	MTR DEP REF 85598
048709 GABRIEL EASTERLING	119238 85679	0	2022 7	INV	P	18.00 041522	290019	MTR DEP REF 85679
048710 SHARON MCMAHON	119322 85760	0	2022 7	INV	P	18.00 041522	290152	MTR DEP REF 85760
048712 GENEVA DENSON	28917 11469	0	2022 7	INV	P	6.00 041522	290020	MTR DEP REF 11469
048713 SELINA SINGLETON	82654 52563	0	2022 7	INV	P	40.00 041522	290151	MTR DEP REF 52563
048714 DIANNE WATSON	105350 72871	0	2022 7	INV	P	18.00 041522	289993	MTR DEP REF 72871
048715 FREDERICK L WILLIAMS	111503 78464	0	2022 7	INV	P	18.00 041522	290016	MTR DEP REF 78464
048716 ROBIN DESH HILLS	114319 80988	0	2022 7	INV	P	35.00 041522	290142	MTR DEP REF 80988
048717 REGINA R JOHNSON	115779 82354	0	2022 7	INV	P	18.00 041522	290134	MTR DEP REF 82354
048718 SHERNAZE ROSS	116392 82914	0	2022 7	INV	P	18.00 041522	290155	MTR DEP REF 82914
048719 THREE LITTLE BIRDS	118963 85413	0	2022 7	INV	P	75.00 041522	290184	MTR DEP REF 85413
048720 GREGORIO AILON	117675 84162	0	2022 7	INV	P	18.00 041522	290029	MTR DEP REF 84162
048721 LEROY AMES	118366 84839	0	2022 7	INV	P	1.00 041522	290064	MTR DEP REF 84839
048722 NANCY B NOBLE	118608 85073	0	2022 7	INV	P	18.00 041522	290090	MTR DEP REF 85073
048723 SAVANNAH SCARBOROUGH	118914 85366	0	2022 7	INV	P	18.00 041522	290147	MTR DEP REF 85366
048724 FREEDOM ENTERPRISES	119095 85537	0	2022 7	INV	P	18.00 041522	290017	MRE DEP REF 85537
048725 DASHANA CARTER	119294 85733	0	2022 7	INV	P	9.76 041522	289990	MTR DEP REF 85733
048731 BANNA SPLIT	110641 77682	0	2022 7	INV	P	33.60 041522	289949	MTR DEP REF 77682
			ACCOUNT TOTAL			1,451.58		
			ORG 011000 TOTAL			1,451.58		
011660		WATER & SEWER-CUST.ACCT.DIV.						
011660 6835WT			WATER RELATED REFUND					
048683 KEMPER CORP	113098 79874 1	0	2022 7	INV	P	4,836.68 041522	290054	OVERPAYMENT 79874
048687 AFFORDABLE AUTO	102397 70215 1	0	2022 7	INV	P	257.98 041522	289923	OVERPAYMENT 70215

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S	WARRANT	CHECK	DESCRIPTION
048711 ROBERT FREENY	32294 14846 1	0	2022 7	INV	P	925.92 041522	290141	OVERPAYMENT 14846
			ACCOUNT TOTAL			6,020.58		
			ORG 011660 TOTAL			6,020.58		
FUND 011 WATER & SEWER FUND			TOTAL:			7,472.16		

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
039551			AIRPORT IMPR.-AIRPORT DIV						
039551	729502		AIRPORT IMP-FAA						
004269 SOUTHERN EARTH SCIEN	N22078-01	0	2022 7	INV	P	585.00	041522	290164	AIRPORT RUNWAY LIGH
			ACCOUNT TOTAL			585.00			
			ORG 039551 TOTAL			585.00			
FUND 039 AIRPORT IMPROVEMENT FUND			TOTAL:			585.00			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
072201			MUN.ROAD&BRIDGE-STREET DIV							
072201	636000			STREETS & STRUCTURES R&M						
004058	RJM MCQUEEN CONTRACT	2598	227397	2022	7	INV	P	3,250.00	041522	290139 BAY STREET DRIVEWAY
				ACCOUNT TOTAL				3,250.00		
072201	722510			CAMP ST WALKING TRAIL						
047007	FAIRLEY CONSTRUCTION	623	223101	2022	7	INV	P	31,640.00	041522	290008 2-QUOTE FOR SOLAR L
				ACCOUNT TOTAL				31,640.00		
072201	723014			LAMAR BLVD-REGIONS						
004579	WALTERS CONSTRUCTION	LAMAR BLVD #11	0	2022	7	INV	P	66,744.29	041522	290195 MB 2020-113 LAMAR B
004579	WALTERS CONSTRUCTION	LAMAR BLVD #12	0	2022	7	INV	P	199,951.88	041522	290195 MB 2020-113 LAMAR B
								266,696.17		
				ACCOUNT TOTAL				266,696.17		
072201	723029			HARDY ST ROUNDABOUT						
047056	WARREN PAVING INC	ROUNDABOUT #5	0	2022	7	INV	P	165,249.99	041522	290198 MB 2021-143 HARDY S
				ACCOUNT TOTAL				165,249.99		
072201	723056			GORDON'S CREEK COMMONS						
003228	JACKSON, TULLOS & RO	6259	0	2022	7	INV	P	1,940.00	041522	290041 MB 2021-400 GORDON
				ACCOUNT TOTAL				1,940.00		
				ORG 072201 TOTAL				468,776.16		
		FUND 072 MUNICIPAL ROAD & BRIDGE		TOTAL:				468,776.16		

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
073570			MASS TRANSIT-TRANSPORTATION							
073570	500300		PAPER							
003809	OFFICE DEPOT INC	181286894001	222501	2022 6	INV	P	365.33	041522	290100	COPY PAPERS-6/30
			ACCOUNT TOTAL				365.33			
073570	501000		OTHER EXPENDABLE OFF.SPL							
003825	OWENS BUSINESS MACHI	439194	227233	2022 6	INV	P	420.00	041522	290103	REPLACEMENT TONER F
			ACCOUNT TOTAL				420.00			
073570	525000		GAS AND OIL							
001002	CITY OF HATTIESBURG	12320008 3/22 FUND73 0		2022 7	INV	P	1,405.71	041522	289976	3/22 FUEL USAGE 3/1
004592	WASTE OIL COLLECTORS	0025616	227056	2022 6	INV	P	80.00	041522	290200	WASTE OIL PICKED UP
			ACCOUNT TOTAL				1,485.71			
073570	525700		DIESEL FUEL							
001002	CITY OF HATTIESBURG	12320008 3/22 FUND73 0		2022 7	INV	P	9,819.18	041522	289976	3/22 FUEL USAGE 3/1
			ACCOUNT TOTAL				9,819.18			
073570	571001		REPAIR PARTS - FIXED ROUTE							
002535	COMSOUTH	199876	226308	2022 6	INV	P	500.00	041522	289981	REPAIR HCT RADIO BU
002904	GILLIG LLC	40903570	227265	2022 6	INV	P	234.25	041522	290024	BUS #16235 REPLACE
003630	MOBILITY SYSTEMS INC	9033	226994	2022 6	INV	P	251.28	041522	290076	BUS #20584 WHEEL CH
			ACCOUNT TOTAL				985.53			
073570	575000		COMMUNICATION REPAIR PTS							
002535	COMSOUTH	199970	226307	2022 6	INV	P	99.00	041522	289981	HCT HAND RADIO BATT
			ACCOUNT TOTAL				99.00			
073570	606000		TELEPHONE AND TELEGRAPH							
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	177.24	041522	289943	MB2016-287/WIRELESS
002160	AT&T MOBILITY	287273861504X040822	0	2022 7	INV	P	242.90	041522	289944	MB2016-287/GPS TRAC
							420.14			
			ACCOUNT TOTAL				420.14			
073570	612000		FREIGHT							
003630	MOBILITY SYSTEMS INC	9030	227189	2022 6	INV	P	26.00	041522	290076	VAN #15648 WHEEL CH
003630	MOBILITY SYSTEMS INC	9033	226994	2022 6	INV	P	22.00	041522	290076	BUS #20584 WHEEL CH
							48.00			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
			ACCOUNT TOTAL			48.00			
073570 638400			MOTOR VEHICLE EQ. R&M						
003630 MOBILITY SYSTEMS INC	9030	227189	2022 6	INV	P	1,021.00	041522	290076	VAN #15648 WHEEL CH
			ACCOUNT TOTAL			1,021.00			
073570 638501			BUS EQUIP R&M-FIXED ROUTE						
003861 PATTERSON AUTO ELECT	81333	227114	2022 6	INV	P	2,703.33	041522	290107	BUS #20586 REPLACE
048167 MUNN WILLIAM JUSTICE	1085	226987	2022 6	INV	P	603.75	041522	290087	DIAGNOSED BUS #2112
048167 MUNN WILLIAM JUSTICE	1390	226989	2022 6	INV	P	745.64	041522	290087	REPLACE NOX SENOR B
						1,349.39			
			ACCOUNT TOTAL			4,052.72			
073570 638502			BUS EQUIP R&M-PARATRANSIT						
004597 WATERS INTERNATIONAL	08S827554	227106	2022 6	INV	P	1,870.71	041522	290202	BUS #18572 CHECK EN
			ACCOUNT TOTAL			1,870.71			
073570 639400			DISINFECT./EXTERMINATION						
003040 HAVARD PEST CONTROL	1924219	0	2022 7	INV	P	48.00	041522	290034	HAVARD PEST CONTROL
			ACCOUNT TOTAL			48.00			
073570 687000			CUSTODIAL SERVICE						
002037 AB SUPPORT SERVICES	481001	225889	2022 6	INV	P	300.00	041522	289919	MB# 2022-58 JANITOR
			ACCOUNT TOTAL			300.00			
			ORG 073570 TOTAL			20,935.32			
FUND 073 MASS TRANSIT FUND			TOTAL:			20,935.32			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
075695			W&S CONSTR.-CAPITAL PROJECTS							
075695	722006		MIDTOWN SEWER TERM BID WORK							
004058	RJM MCQUEEN CONTRACT 2590		0	2022 7	INV	P	67,490.00	041522	290139	MB 2020-179 CAMP &
004058	RJM MCQUEEN CONTRACT 2595		0	2022 7	INV	P	106,291.00	041522	290139	MB 2020-179 CAMP &
004058	RJM MCQUEEN CONTRACT 2596		0	2022 7	INV	P	37,809.60	041522	290139	MB 2020-179 CAMP &
004058	RJM MCQUEEN CONTRACT 2597		0	2022 7	INV	P	45,351.34	041522	290139	MB 2020-179 CAMP &
							256,941.94			
				ACCOUNT TOTAL			256,941.94			
075695	736500		HYDRANTS & METERS							
002442	CENTRAL PIPE SUPPLY	S100277881.002	226688	2022 7	INV	P	347,235.00	041522	289970	WATER METERS AND PA
002442	CENTRAL PIPE SUPPLY	S100283383.001	226689	2022 7	INV	P	3,345.43	041522	289970	WATER METERS AND PA
002442	CENTRAL PIPE SUPPLY	s100283391.001	226690	2022 7	INV	P	66,000.00	041522	289970	WATER METERS AND PA
							416,580.43			
				ACCOUNT TOTAL			416,580.43			
				ORG 075695	TOTAL		673,522.37			
		FUND 075 WATER&SEWER CONSTRUCTION FUND			TOTAL:		673,522.37			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
077000				COMMUNITY CTR BALANCE SHEET						
077000	122000			DAMAGE DEPOSITS						
048665	ALISHA TANNER	78296	0	2022 6	INV	P	115.00	041522	289925	DEPOSIT REFUND 5/14
048666	MONICA PRIMOS	78055	0	2022 6	INV	P	100.00	041522	290077	DEPOST REFUND 2/19/
				ACCOUNT TOTAL			215.00			
				ORG 077000 TOTAL			215.00			
077650				COMMUNITY CTR-ADMIN/GENERAL						
077650	525000			GAS AND OIL						
001002	CITY OF HATTIESBURG	12320008 3/22 FUND77	0	2022 7	INV	P	274.75	041522	289976	3/22 FUEL USAGE 3/1
				ACCOUNT TOTAL			274.75			
077650	546000			MINOR EQUIPMENT						
002709	EATON, ALVIN K (PETT	2/2022	0	2022 7	INV	P	9.50	041522	289999	PC 2/2022
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	6.50	041522	289999	PC 3/2022
002709	EATON, ALVIN K (PETT	PC 01/2022	0	2022 7	INV	P	40.70	041522	289999	PETTY CASH 1/2022
							56.70			
				ACCOUNT TOTAL			56.70			
077650	606000			TELEPHONE AND TELEGRAPH						
002160	AT&T MOBILITY	287273578351X040822	0	2022 7	INV	P	61.08	041522	289943	MB2016-287/WIRELESS
				ACCOUNT TOTAL			61.08			
077650	630000			GAS						
004321	SPIRE	G2022-5-APR	0	2022 7	INV	P	1,443.56	041522	290172	SPIRE-VARIOUS DEPAR
				ACCOUNT TOTAL			1,443.56			
077650	630500			ELECTRICITY						
003700	MS POWER COMPANY	E2022-1-APR	0	2022 7	INV	P	1,908.21	041522	290082	MISSISSIPPI POWER-V
				ACCOUNT TOTAL			1,908.21			
077650	639400			DISINFECT./EXTERMINATION						
003040	HAVARD PEST CONTROL	1924199	0	2022 7	INV	P	115.00	041522	290034	HAVARD PEST CONTROL
003040	HAVARD PEST CONTROL	1924206	0	2022 7	INV	P	48.00	041522	290034	HAVARD PEST CONTROL
							163.00			
				ACCOUNT TOTAL			163.00			
077650	643000			UNIFORM RENT						
002471	CINTAS CORPORATION #	4111873447	0	2022 7	INV	P	187.37	041522	289973	UNIFORM RENTAL FOR
002471	CINTAS CORPORATION #	4112558885	0	2022 7	INV	P	189.41	041522	289973	UNIFORM RENTAL 03/0

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
002471 CINTAS CORPORATION #	4113246109	0	2022 7	INV	P	272.12	041522	289973	UNIFORM RENTAL FOR
002471 CINTAS CORPORATION #	4113936060	0	2022 7	INV	P	187.10	041522	289973	UNIFORM RENTAL FOR
002471 CINTAS CORPORATION #	4114620011	0	2022 7	INV	P	179.68	041522	289973	UNIFORM RENTAL COMM
002471 CINTAS CORPORATION #	4115307412	0	2022 7	INV	P	184.02	041522	289973	UNIFORM RENTAL FOR
						1,199.70			
				ACCOUNT TOTAL		1,199.70			
			ORG 077650	TOTAL		5,107.00			
FUND 077 COMMUNITY CENTERS' FUND				TOTAL:		5,322.00			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
082285			CDBG-ENTITLEMENTS							
082285	502000		MINOR OFFICE EQUIP/FURN.							
003587	MID SOUTH GLASS INC	0049243	227187	2022 7	INV	A	112.00	041522		36 X 60 PLEX GLASS
			ACCOUNT TOTAL				112.00			
082285	525000		GAS AND OIL							
001002	CITY OF HATTIESBURG	12320008 3/22 FUND8	0	2022 7	INV	P	147.32	041522	289976	3/22 FUEL USAGE 3/1
			ACCOUNT TOTAL				147.32			
082285	559000		OTHER OPERATING MATL/SPLY							
002714	ECONOMY SUPPLY CO	073232	227186	2022 7	INV	P	39.00	041522	290000	WOOD FOR PLEXIGLASS
			ACCOUNT TOTAL				39.00			
082285	604999		OTHER							
002709	EATON, ALVIN K (PETT	3/2022	0	2022 7	INV	P	1.75	041522	289999	PC 3/2022
			ACCOUNT TOTAL				1.75			
082285	611000		TRAVEL EXPENSE							
004017	REGIONS CARDHOLDER S	1346 - 03-31-2022	0	2022 7	INV	P	288.96	041522	290135	1346 - 03-31-2022 C
004017	REGIONS CARDHOLDER S	1708 - 03-31-2022	0	2022 7	INV	P	.00	041522	290135	1708 - 03-31-2022 C
							288.96			
			ACCOUNT TOTAL				288.96			
082285	615000		ADVERTISING							
002728	ELITE SCREEN PRINTIN	42242	227204	2022 7	INV	A	120.00	041522		COMMUNITY DEVELOPME
003141	HUB CITY SPOKES	INV99635	0	2022 7	INV	P	215.40	041522	290036	CITY WIDE ADS AND N
			ACCOUNT TOTAL				335.40			
			ORG 082285 TOTAL				924.43			
		FUND 082 COMMUNITY DEVELOP. BLOCK GRANT		TOTAL:			924.43			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
086300			SPEC SALES TAX/RECREATION MAIN							
086300	7295PR		CAPITAL PROJECTS							
002714	ECONOMY SUPPLY CO	072460	227016	2022 7	INV	P	1,150.95	041522	290000	THAMES ELEMENTARY D
003381	LANDARC CONSULTING G	06-1988	0	2022 7	INV	P	7,082.50	041522	290060	MB 2021-348 MIDTOWN
003385	LANDRY LEWIS GERMANY	CN 21-3882-002	0	2022 7	INV	P	3,400.00	041522	290061	JOOK MUSIC PARK DES
003699	MS POWER COMPANY	05622-63021	0	2022 7	INV	P	1,400.29	041522	290081	EAST SIDE PARK LIGH
048573	DISCRAFT INC	SI-320347	227017	2022 7	INV	P	3,711.03	041522	289994	THAMES ELEMENTARY D
				ACCOUNT TOTAL			16,744.77			
			ORG 086300	TOTAL			16,744.77			
	FUND 086	SPEC SALES TAX P&R/UNIV IMPROV		TOTAL:			16,744.77			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR	INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
087601		INDUSTRIAL PK-G.O.ACQUISITIONS							
087601 601500			ENGINEERING						
004197 SHOWS DEARMAN & WAIT	22660	0	2022 7	INV	P	1,073.06	041522	290158	SOFIDEL EXPANSION
			ACCOUNT TOTAL			1,073.06			
087601 602500			LEGAL						
004171 SHEMPER, MICHAEL J P	100	0	2022 7	INV	P	1,512.50	041522	290154	PROJ GENDREAU & GEN
004677 WISE CARTER CHILD &	226370	0	2022 7	INV	P	725.00	041522	290206	GNERAL MATTERS
			ACCOUNT TOTAL			2,237.50			
087601 639901			LANDSCAPE MAINTENANCE						
003853 PARKER'S LANDSCAPE S	23306	0	2022 7	INV	P	120.00	041522	290106	ROUTINE SERVICES 3/
			ACCOUNT TOTAL			120.00			
			ORG 087601 TOTAL			3,430.56			
FUND 087 INDUSTRIAL PARK DEVELOPMENT			TOTAL:			3,430.56			

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2022/6 TO 2022/7

ACCOUNT/VENDOR		INVOICE	PO	YEAR/PR	TYP	S		WARRANT	CHECK	DESCRIPTION
088603			PUBLIC SAFETY/REC CONSTRUCTION							
088603	710022		POLICE DEPARTMENT							
047187	FOUR SEASONS LAWN	HPSC #2	0	2022 7	INV	P	75,059.73	041522	290015	MB 2021-326 PUBLIC
048320	EVANS CONSOLES INC	U037944	225952	2022 7	INV	P	126,526.35	041522	290006	DISPATCH CONSOLES P
				ACCOUNT TOTAL			201,586.08			
088603	729501		HALL AVENUE OVERPASS							
002512	COLLINS & NULL APPRA	4440	0	2022 7	INV	P	2,475.00	041522	289979	MB 2021-349 HALL AV
002512	COLLINS & NULL APPRA	4455	0	2022 7	INV	P	2,475.00	041522	289979	MB 2021-349 HALL AV
							4,950.00			
003228	JACKSON, TULLOS & RO	6260	0	2022 7	INV	P	2,732.50	041522	290041	MB 2021-229 HALL AV
				ACCOUNT TOTAL			7,682.50			
				ORG 088603 TOTAL			209,268.58			
FUND 088 PUBLIC SAFETY/REC CONSTRUCTION TOTAL:							209,268.58			

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JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
001	General Fund		1,426,477.09
002	PARKS & RECREATION FUND		42,046.19
005	HATT.MUNICIPAL FIRE PROTECTION		1,093.00
009	WATER & SEWER OPERATION/MAINT.		500,488.83
011	WATER & SEWER FUND		7,472.16
039	AIRPORT IMPROVEMENT FUND		585.00
072	MUNICIPAL ROAD & BRIDGE		468,776.16
073	MASS TRANSIT FUND		20,935.32
075	WATER&SEWER CONSTRUCTION FUND		673,522.37
077	COMMUNITY CENTERS' FUND		5,322.00
082	COMMUNITY DEVELOP. BLOCK GRANT		692.43
086	SPEC SALES TAX-P&R/UNIV IMPROV		16,744.77
087	INDUSTRIAL PARK DEVELOPMENT		3,430.56
088	PUBLIC SAFETY/REC CONSTRUCTION		209,268.58
801	CLAIMS FUND	3,376,854.46	
	TOTAL	3,376,854.46	3,376,854.46

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