MEETING OF THE
MAYOR AND BOARD OF ALDERMAN OF THE
CITY OF RIDGELAND, MISSISSIPPI
July 20, 2021
6:00 PM

INVOCATION

PLEDGE OF ALLEGIANCE

CONSIDERATION OF MINUTES

July 6, 2021

July 13, 2021 Special Work Session

1. PRESENTATIONS

a) Steve Higginbotham of Higginbotham State Farm Agency - Presentation of First Responders Donation

2. AGENDA ITEMS

a) Public Hearing to Amend the Official Zoning Map and Certain Sections of the Zoning Ordinance of the City of Ridgeland, MS

b) Consider Amending the Official Zoning Map and Certain Sections of the Zoning Ordinance of the City of Ridgeland, MS

3. CONSENT ITEMS

a) Approve Resolution Requesting Department of Finance & Administration to Adopt Resolution To Declare Necessity for Issuance of State General Obligation Bonds

b) Ordinance Amending Certain Sections of the code of the City of Ridgeland, MS

c) Approve Sewer Adjustments

d) Approve Contract with U.S. Lawns for Landscape Services on Harbour Drive

e) Approve Recommendation of Award of Engineering Services for Highland Commerce Drive

f) Approve 2019 City Center Site Development Amendment #2

g) Approve Rice Road Extension Construction Contractor Change Order #1

h) Approve Rice Road Extension Contractor Pay Estimate #3

i) Approve Lease Agreement with the Ridgeland Police Department and Harley Davidson

j) Approve Special Event for Ardenland Twilight Concert

k) Approve Special Event for Word of Life Invite Weekend

4. PAYMENT OF CLAIMS

a) 169507 - 169834, 7/6/2021 Supplemental Payroll, and 7/16/2021 Payroll ($2,093,057.62)

5. EXECUTIVE SESSION

ADJOURNMENT

INFORMATION FOR MAYOR AND BOARD

June 2021 Financial Statement

July 2021 Sales Tax Report

MEETING OF THE
MAYOR AND BOARD OF ALDERMAN OF THE
CITY OF RIDGELAND, MISSISSIPPI
July 6, 2021
6:00 PM

The Mayor opened the July 6, 2021 meeting of the Mayor and Board of Aldermen to order. Present were Alderman Chuck Gautier, Alderman Wesley Hamlin, Alderman Ken Heard, Alderman Kevin Holder, Alderman Brian Ramsey, Alderman D.I. Smith, Alderman Bill Lee (via telephone), City Attorney Jerry Mills, and City Clerk Paula Tierce. The meeting was opened with an invocation by Alderman D. I. Smith followed by the pledge of allegiance.

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The Mayor and Board of Aldermen were provided a copy of the City Attorney's statement for services rendered through June 29, 2021.

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Next came the recognition of Corporal Kelly Chapin for being selected Officer of the Month for May 2021. Mayor McGee stated that Corporal Chapin serves as the Traffic Officer for the Ridgeland Police Department with duties to include the planning of and preparation for all special events held within the City, escorts, issuing citations and investigating motor vehicle accidents. Corporal Chapin works daily on a motorcycles and at times weather conditions are not ideal. During the month of May there were numerous events that required Corporal Chapin's attention, direction or attendance. Corporal Chapin's ability to plan and supervise allows for various events to run smoothly. His dedication and work ethic are a great asset to the Ridgeland Police Department. The Mayor tanked Corporal Kelly Chapin for his hard work and dedication to the City of Ridgeland and encouraged him to keep up the hard work.

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Next came the matter of accepting the Minutes of the June 14, 2021 Work Session and the June 15, 2021 Board of Aldermen meeting. The Minutes were accepted with no corrections noted.

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Next came the matter of electing the Mayor Pro Tempore. Alderman D. I. Smith moved to elect Alderman Wesley Hamlin as the Mayor Pro Tempore. The motion was seconded by Alderman Chuck Gautier and a vote was taken thereon as follows:

Vote: Aye(s): Alderman Chuck Gautier, Alderman Wesley Hamlin, Alderman Ken Heard, Alderman Kevin Holder, Alderman Brian Ramsey, Alderman D.I. Smith, Alderman Bill Lee

Nay(s): None

Abstention(s): None

The Mayor then declared the Motion carried.

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Next came the consideration of the Consent Agenda. Alderman Bill Lee moved to approve the Consent

Agenda as follows:

a) - Appointments: Paula Tierce (City Clerk/HR Director), John Neal (Police Chief), Matt Bailey (Fire Chief), Mike McCollum (Public Works Director), Alan Hart (Director of Community Development), John Sidney North (Director of Recreation & Parks); Harold McCarley (Municipal Court Judge), Bob Camp (Municipal Court Judge), Boty McDonald (Prosecutor), Charles B. Jones (Public Defender) - Order Attached Hereto As Exhibit "A"

b) - Appointment of City Attorney - Order Attached Hereto as Exhibit "B"

c) - Approve Mayor Attending MML Executive Committee Meeting and MML Conference July 25, 2021 thru July 27, 2021 and to Washington, D. C. July 28, 2021 through July 30, 2021 - Order Attached Hereto As Exhibit "C"

d) - Approve Board of Aldermen Attending Annual MML Convention July 25, 2021 through July 29, 2021 - Order Attached Hereto As Exhibit "D"

e) - Designate Voting Delegate and Alternate for MML 2021 Conference - Resolution Attached Hereto As Exhibit "E"

f) - Approve Truck Route Permit for Southern Beverage (Highland Colony Parkway) - Order Attached Hereto As Exhibit "F"

g) - Approve One Year Renewal of Recycling Contract with Waste Management - Order Attached Hereto As Exhibit "G"

h) - Approve Authorization to Advertise for Term Bids - Order Attached Hereto As Exhibit "H"

i) - Approve Authorization to Advertise for Proposals for Emergency Debris Removal and Debris Monitoring - Order Attached Hereto As Exhibit "I"

j) - Approve Equipment Operator Position for EMCRSDS - Order Attached Hereto As Exhibit "J"

k) - Approve Highland Colony Parkway-Renaissance Driveways Traffic Signal Improvements CE&I Pay Estimate #7, Invoice #1072136 - Order Attached Hereto As Exhibit "K"

l) - Receive FY2021 Inventory - Order Attached Hereto As Exhibit "L"

m) - Approve Budget Amendment for the Ridgeland Police Department - Resolution Attached Hereto As Exhibit "M"

n) - Sewer Adjustments - Order Attached Hereto As Exhibit "N"

o) - Declare Property Surplus (Administration) - Resolution Attached Hereto As Exhibit "O"

p) - Receive June 2021 Privilege License Report - Order Attached Hereto As Exhibit "P"

q) - Approve Resolution for Payment of Renaissance Phase III Infrastructure Improvements - Resolution Attached Hereto As Exhibit "Q"

Alderman Kevin Holder seconded the motion and a vote was taken thereon as follows:

Vote: Aye(s): Alderman Chuck Gautier, Alderman Wesley Hamlin, Alderman Ken Heard, Alderman Kevin Holder, Alderman Brian Ramsey, Alderman D.I. Smith, Alderman Bill Lee

Nay(s): None

Abstention(s): None

The Mayor then declared the Motion carried.

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Next came the payment of claims 169124 - 169506 and June 29, 2021 Payroll ($2,775,884.41). Alderman Ken Heard moved to approve. The Motion was seconded by Alderman Wesley Hamlin and a vote was taken thereon as follows:

Vote: Aye(s): Alderman Chuck Gautier, Alderman Wesley Hamlin, Alderman Ken Heard, Alderman Kevin Holder, Alderman Brian Ramsey, Alderman D.I. Smith, Alderman Bill Lee

Nay(s): None

Abstention(s): None

The Mayor then declared the Motion carried.

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The Mayor informed the Board of Aldermen of the need to go into Executive Session to discuss the purchase of real property. Alderman Brian Ramsey moved to go into Closed Session to discuss the need of going into Executive Session to discuss the purchase of real property. Aldermen D. I. Smith seconded the motion and a vote was taken thereon as follows:

Vote: Aye(s): Alderman Chuck Gautier, Alderman Wesley Hamlin, Alderman Ken Heard, Alderman Kevin Holder, Alderman Brian Ramsey, Alderman D.I. Smith, Alderman Bill Lee

Nay(s): None

Abstention(s): None

The Mayor then declared the Motion carried.

CLOSED SESSION

Alderman Kevin Holder moved to go into Executive Session to discuss the purchase of real property. The

motion was seconded by Alderman Wesley Hamlin and a vote was taken thereon as follows:

Vote: Aye(s): Alderman Chuck Gautier, Alderman Wesley Hamlin, Alderman Ken Heard, Alderman Kevin Holder, Alderman Brian Ramsey, Alderman D.I. Smith, Alderman Bill Lee

Nay(s): None

Abstention(s): None

The Mayor then declared the Motion carried.

EXECUTIVE SESSION

Alderman Wesley Hamlin moved to leave Executive Session. The motion was seconded by Alderman D. I. Smith and a vote was taken thereon as follows:

Vote: Aye(s): Alderman Chuck Gautier, Alderman Wesley Hamlin, Alderman Ken Heard, Alderman Kevin Holder, Alderman Brian Ramsey, Alderman D.I. Smith, Alderman Bill Lee

Nay(s): None

Abstention(s): None

The Mayor then declared the Motion carried.

****

The Mayor reopened the meeting and announced that there was no action taken by the Board of Aldermen during the Executive Session.

Alderman Brian Ramsey moved to grant Mayor Gene McGee the authority to negotiate in the purchase real property. The motion was seconded by Alderman Kevin Holder and a vote was taken thereon as follows:

Vote: Aye(s): Alderman Chuck Gautier, Alderman Wesley Hamlin, Alderman Ken Heard, Alderman Kevin Holder, Alderman Brian Ramsey, Alderman D.I. Smith, Alderman Bill Lee

Nay(s): None

Abstention(s): None

The Mayor then declared the Motion carried.

There being no other business before the Board of Aldermen, the Mayor adjourned the meeting at 6:24 p.m.

****

WITNESS MY SIGNATURE, this the 12th day of July, 2021.

GENE F. MCGEE, MAYOR

ATTEST:

PAULA TIERCE, CITY CLERK

CITY OF RIDGELAND, MADISON COUNTY, MISS. CORPORATE 1899 SEAL

2021-001484

MINUTES OF THE SPECIAL WORK SESSION
OF THE MAYOR AND BOARD OF ALDERMEN
OF THE CITY OF RIDGELAND
JULY 13, 2021 2021
6:00 P.M.

The Mayor opened the special work session of July 13, 2021 of the Mayor and Board of Aldermen. Present were Alderman Chuck Gautier, Alderman Ken Heard, Alderman Kevin Holder, Alderman D. I. Smith, Alderman Wesley Hamlin, Alderman Brian Ramsey, and City Clerk Paula Tierce. Absent was Alderman Bill Lee. A copy of the Notice of Special Work Session is attached hereto as Exhibit "A".

City Clerk, Paula Tierce, presented the Fiscal Year 2022 proposed budget.

The meeting concluded at 6:648 p.m.

WITNESS MY SIGNATURE, this the _____ day of July, 2021.

_____
GENE F. MCGEE, MAYOR

ATTEST:

_____
Paula Tierce, City Clerk

AFFP

Zoning Ord. Amend.

Affidavit of Publication

STATE OF MS }
COUNTY OF MADISON } SS

Michael Simmons, being duly sworn, says:

That he is Associate Editor and Publisher of the THE MADISON COUNTY JOURNAL, a weekly newspaper of general circulation, printed and published in Ridgeland, Madison County, MS; that the publication, a copy of which is attached hereto, was published in the said newspaper

June 10, 2021

That said newspaper was regularly issued and circulated on those dates.
SIGNED:

Associate Editor and Publisher

Subscribed to and sworn to me this 10th day of June 2021.

AMY N LAMBERT, Notary Public, Madison County, MS

My commission expires: July 16, 2021

00005614 00052659 601-856-7819

AMY N LAMBERT
NOTARY PUBLIC
ID No. 106034
Commission Expires
Jul 16, 2021
STATE OF MISSISSIPPI
MADISON COUNTY

ACCOUNTS PAYABLE
CITY OF RIDGELAND
P. O. BOX 217
RIDGELAND, MS 39158

NOTICE OF PUBLIC HEARING TO AMEND THE OFFICIAL ZONING MAP AND CERTAIN SECTIONS OF THE ZONING ORDINANCE OF THE CITY OF RIDGELAND, MISSISSIPPI

Notice is hereby given to those parties in interest that there will be a public hearing before the Mayor and Board of Aldermen of the City of Ridgeland on July 20,
2021, at 6:00 o'clock p.m. at the City Hall of Ridgeland, Mississippi, located at 100 West
School Street, Ridgeland, Mississippi, for the purpose of determining whether the Mayor
and Board of Aldermen should adopt a new Future Land Use Plan, a New Zoning Map
and certain amendments to the text of the Zoning Ordinance of the City of Ridgeland,
Mississippi including the following: 1) Update the landfill regulations in the Special Use
Site Plan Standards section; 2) Develop regulations for Electric Vehicle Charging
Stations. 3) Amend the C-4 district to include C-2 uses as first permitted. 4) Amend the
TIP District to include Distribution and Warehousing; and 7) Extend deadline for
restricted uses to register as non-conforming uses.
For all those interested, complete copies of the proposed changes to the Zoning
Ordinance can be obtained from the City Clerk or at the Community Development
Department of the City of Ridgeland located at City Hall, 100 West School Street,
Ridgeland, Mississippi.
Approved this the 1st day of June, 2021.
City of Ridgeland, Mississippi
By: /s/ Gene F. McGee
Gene F. McGee, Mayor
ATTEST:
/s/ Paula Tierce
Paula Tierce, City Clerk
Publish: June 10, 2021

ORDINANCE AMENDING THE OFFICIAL ZONING MAP OF THE CITY OF RIDGELAND AND SECTIONS 520.02.C, 600.14.F.11, 37.02.A.1.(A), 21 (DEFINITIONS), 440.02.A, AND 40.03.B.3 OF THE ZONING ORDINANCE OF THE CITY OF RIDGELAND, MISSISSIPPI

WHEREAS, the Mayor and Board of Aldermen of the City of Ridgeland, Mississippi did lawfully adopt a Zoning Ordinance on February 4, 2014 after proper notice and a public hearing; and

WHEREAS, the Mayor and Board of Aldermen of the City of Ridgeland, Mississippi subsequently adopted Zoning Ordinance Amendments on February 3, 2015, June 2, 2015, April 5, 2016, October 18, 2016, September 19, 2017, January 16, 2018, April 3, 2018, March 5, 2019, September 1, 2020, and May 2, 2021 after proper notice and public hearings; and

WHEREAS, the certain territories were annexed into the City of Ridgeland in 2016 and 2020; and

WHEREAS, the Mayor and Board of Aldermen desire to establish zoning by amending the Official Zoning Map of the City of Ridgeland for the annexed areas in order to provide for orderly growth and promote and preserve the health, safety, morals, and general welfare of Ridgeland's citizens; and

WHEREAS, the Mayor and Board of Aldermen desire to amend other underlying zoning classifications of certain parcels in order to support economic development; and

WHEREAS, the Mayor and Board of Aldermen desire to affirm that nonconforming annexed properties that lawfully existed prior to the adoption of this amendment shall continue to enjoy "grandfather" provisions as listed in Section 40 of the Official Zoning Ordinance of the City of Ridgeland; and

WHEREAS, the Mayor and Board of Aldermen desire to include distribution and warehousing in the Permitted Uses of the Technical Industrial Park District in order to further promote the development of Highland Commerce Park; and

WHEREAS, the Mayor and Board of Aldermen desire to strengthen Ridgeland's Special Use Site Plan Standards for New Landfills or Expansion or Reconfiguration of Existing Landfills in conjunction with the city's development of its own *Municipal Solid Waste Plan* in order to reduce the land use from negatively impacting area properties; and

WHEREAS, the Mayor and Board of Aldermen desire to clarify that any Existing Landfill shall have rights as defined in Section 40 of the Zoning Ordinance; however, any New Landfill or Expansion or Reconfiguration of an Existing Landfill shall be required to obtain a Conditional Use Permit prior to the issuance of a Building Permit.

WHEREAS, the Mayor and Board of Aldermen desire to establish regulations that govern the location of Electric Vehicle Charging Stations, which are not addressed in the current Zoning Ordinance; and

WHEREAS, the Mayor and Board of Aldermen desire to amend the C-4 regulations to

add general commercial uses to the permitted uses of the district due to the change in the nature of the C-4 Districts; and

WHEREAS, the Mayor and Board of Aldermen desire to extend the registration requirement for Restricted Uses because of the lease nature of many of the Restricted Uses (as defined in Article II, Section 21 of the Zoning Ordinance), it is believed that some Nonconformities will be resolved through attrition; and the Mayor and Board of Aldermen have not yet determined which businesses technically caused the nonconformity per the buffer restriction; and

WHEREAS, the Mayor and Board of Aldermen find that a change of character in the neighborhood is evident in the areas that are being rezoned due the development of a portion of what will be known as Highland Commerce Drive, a frontage road along Interstate 220, and due to the numerous large development projects that have started construction in the area that will be known as Highland Commerce Park; and

WHEREAS, the Mayor and Board of Aldermen also find that there is a public need for establishing zoning in the newly annexed areas in order to promote and preserve health, safety, morals, and general welfare of Ridgeland's citizens; and

WHEREAS, the Mayor and Board of Aldermen find that there is a public need for rezoning of certain parcels in order to support the development along Highland Commerce Drive, a portion of which is already under construction; and

NOW THEREFORE BE IT ORDAINED, the Mayor and Board of Aldermen of the City of Ridgeland, Mississippi, find that the Preamble of this amendment is true and correct and adopt the following sections as amendments to the Official Zoning Ordinance of the City of Ridgeland, Mississippi by amending the following sections:

SECTION 1

The attached Zoning Map is hereby adopted as the Official Zoning Map of the City of Ridgeland.

SECTION 2

Replace Section 510.03.H with: **H.** Existing Landfill subject to Special Use Site Plan Standards in Section 600.14.F.

Add Section 510.03.I New Landfill or Expansion or Reconfiguration of an Existing Landfill subject to Special Use Site Plan Standards in Section 600.14.F.

SECTION 3

Replace Section 520.02.C with: **C.** Light manufacturing, compounding, processing, fabricating, assembling, packaging, warehousing, and distribution facilities, all with such activities conducted wholly within enclosed structures. There shall be no exterior evidence of such

activities, except for areas reserved for loading/unloading of materials from trucks. Furthermore, outdoor storage of manufacturing or other activities shall be prohibited except as otherwise indicated by the dimensional requirements and other regulations of Technical Industrial Park District.

SECTION 4

Replace Section 600.14.F.11 with the following:

11. **Landfills must**:

(a) Be designed and constructed in accordance with all applicable solid waste landfill regulations currently in effect or as may hereafter be adopted by the Mississippi Dept. of Environmental Quality (MDEQ). Additional specific design and construction requirements are:

1. Landfills including buffer areas shall be located no less than 5,000 feet from the nearest existing residential structure and no less than 500 feet from the property line of the nearest adjoining property or right-of-way. There shall be no structure, access roads, accessory functions, detention, treatment/collection facility, or landfill activity within this setback area. Any landfill which expands closer to the nearest residential structure or property line than the requirements hereof shall result in the owner/operator being subject to the daily penalty as hereinafter set forth in Section 600.18 of this Ordinance and/or revocation of the conditional use permit. Within the five hundred (500) foot landfill setback area there shall be a buffer of natural vegetation of no less than two hundred fifty (250) feet in width parallel to the property lines of the Landfill. The composition and location of the buffer shall be contained in the initial design plans and shall fully screen any offsite view to the landfill and any of its facilities and functions excluding fencing and entrance signage.

2. All plans for Landfills shall be reviewed by an Independent Registered Professional Engineer selected by the City to review and approve plans and monitor operations of the landfill. The owner/operator of the landfill shall be responsible for all costs and fees associated with the Independent Registered Professional Engineer.

3. No Conditional Use Permit application for a new landfill or expansion or reconfiguration of an existing landfill shall be considered unless the application is accompanied by an Environmental Impact Study prepared by a professional engineer with respect to the proposed site. The Environmental Impact Study must address, at a minimum, the following:

i. The composition of the underlying soil and bedrock.

ii. The flow of surface water over the site.

iii. The impact of the proposed landfill on the local vegetation, wetlands and wildlife.

iv. The potential impact on historical and/or archeological conditions on the proposed site.

v. Any necessary wetlands mitigation must be, if at all possible, performed on site.

vi. The height limitation to be placed upon the depository of accepted waste.

vii. The location of drinking water wells within a 50-mile radius, and the potential impact on drinking water and aquifers.

4. A Good Neighbor Plan must be submitted and include commitments for litter prevention, maintenance, and cleanup along all roads leading to the Landfill, illegal dumping prevention, maintenance, and clean up along all roads leading to the Landfill, and means and methods and guarantees on controlling odors and noise from the Landfill. The Good Neighbor Plan must be implemented by the operator as long as the Landfill is in operation and continued until the closure plan/monitoring period on file with MDEQ is finished.

5. A complete "closure" plan must also be submitted at the time the application is filed. All closure plans shall be prepared in accordance with all applicable regulations of the Mississippi Dept. of Environmental Quality (MDEQ) and shall be reviewed and approved by the Independent Registered Professional Engineer prior to any application being set for a hearing.

6. Prior to any Conditional Use Permit being considered at a public hearing the applicant shall pay for the completion of a traffic impact study. The study shall be performed by a Registered Professional Engineer selected by the City and shall be submitted as part of the record at the public hearing.

SECTION 5

Add Section 37.02.A.1.(a) **Level 1 and Level 2 Electric Vehicle Charging Facilities:** Level 1 and Level 2 Electric Vehicle Charging facilities may be installed in garages and carports and are limited to residential use only. Electric Vehicle Charging facilities at residential structures shall not have utility service connections separate from the principle dwelling.

Add Section 400.02.K Level 1 and Level 2 Electric Vehicle Charging facility as an accessory use to a principle commercial structure.

Add Section 450.02.M Level 1 and Level 2 Electric Vehicle Charging facility as an accessory use to a principle commercial structure.

Add Section 500.02.M Level 1 and Level 2 Electric Vehicle Charging facility as an accessory use to a principle industrial structure.

SECTION 6

Replace the Section 21 "Service Station" Definition with the following language: **Service Station:** Any area of land, including the structure thereon, which is used primarily for the retail sale of gasoline, diesel fuel, ethanol, oil, propane, other fuels, and/or the sale or installation of automobile accessories and may also include incidental services such as facilities for lubricating, washing (either automatic or by hand), and cleaning, or otherwise servicing automobiles and light trucks. This term includes Level 3 (and above) Electric Vehicle Charging Stations. This term does not include the painting or major repair of vehicles.

SECTION 7

Replace 440.02.A with A. Any use permitted outright in C-2 General Commercial District, subject to the regulations of the C-2 District.

SECTION 8

Amend Section 40.03.B.3. **Existing Nonconforming Restricted Uses.** The registration deadline for existing nonconforming Restricted Uses shall be extended to February 4, 2026, and the Class C conformity deadline for nonconforming Restricted Uses shall be extended to August 4, 2026. Failure to maintain a current Privilege License, operate in a legal manner, maintain all required permits, and maintain the facility in the manner and means required by the Property Maintenance Code of the City of Ridgeland shall result in immediate termination of the use. If the use/business closes or does not operate for any reason for a period of 30 days or longer, the use shall be terminated immediately. Existing nonconforming Restricted Uses shall also be subject to Section 40.09 Rules for Class B Nonconformities.

SECTION 9

That this Ordinance take effect and be in force one (1) month from and after passage as provided by law.

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

Alderman Ken Heard (Ward 1) voted: _____

Alderman Chuck Gautier (Ward 2) voted: _____

Alderman Kevin Holder (Ward 3) voted: _____

Alderman Brian Ramsey (Ward 4) voted: _____

Alderman Bill Lee (Ward 5) voted: _____

Alderman Wesley Hamlin (Ward 6) voted: _____

Alderman D. I. Smith (At-large) voted: _____

The Mayor thereby declared the motion carried and the Ordinance adopted, this the _____day of _____, 2021.

APPROVED:

ATTEST:

_____
GENE F. MCGEE, MAYOR

_____
PAULA TIERCE, CITY CLERK
Published: _____

RESOLUTION OF THE CITY OF RIDGELAND REQUESTING THE DEPARTMENT OF FINANCE AND ADMINISTRATION TO ADOPT A RESOLUTION TO DECLARE THE NECESSITY FOR ISSUANCE OF STATE GENERAL OBLIGATION BONDS

WHEREAS, the **City of Ridgeland** has undertaken a project as defined in **Section 21** of **Senate Bill 2971**, **2021 Regular Legislative Session**, to assist the City of Ridgeland, Mississippi, in paying the costs associated with the preconstruction, design, engineering, land acquisition, right-of-way acquisition, construction and development from Lake Harbour Drive to Highland Colony Parkway (hereinafter "the Project"), with an anticipated completion date of **October 31,** 20**28**; and

WHEREAS, during the 2021 Regular Legislative Session, Senate Bill 2971 was approved by the Governor; and

WHEREAS, **Section 21** of **Senate Bill 2971**, **2021 Regular Legislative Session,** authorizes the issuance of State General Obligation Bonds, in an amount not to exceed **$2,000,000.00** to provide funding to assist the **City of Ridgeland** with the Project; and

WHEREAS, the **City of Ridgeland** has now determined that there is a necessity to request that these bonds be issued and the proceeds thereof disbursed to the **City of Ridgeland**.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY OF RIDGELAND that, pursuant **Section 21** of **Senate Bill 2971**, **2021 Regular Legislative Session**, the Department of Finance and Administration will adopt a resolution to be presented to the State Bond Commission declaring the necessity for the issuance of **$2,000,000.00** in General Obligation Bonds to assist the **City of Ridgeland** with the Project for the purpose as stated in paragraph one; and

BE IT FURTHER RESOLVED that the **Mayor and/or Clerk** of the **City of Ridgeland** is hereby authorized to represent the **City of Ridgeland** in all dealings with the Department of Finance and Administration and/or the State Bond Commission and to assist in the issuance of said bonds in any manner that is required.

SO RESOLVED this the **20th** of **July**, 2021.

City of Ridgeland

By: _____
Gene McGee, Mayor

ATTEST:

_____
Paula Tierce, City Clerk

ORDINANCE AMENDING CERTAIN SECTIONS OF THE CODE OF THE CITY OF RIDGELAND, MISSISSIPPI

WHEREAS, the Mayor and Board of Aldermen of the City of Ridgeland, Mississippi have adopted a Code for the City of Ridgeland, Mississippi; and

WHEREAS Chapter 14 of said Code, as amended deals with the regulation of animals, both domestic and wild, located within the limits of the City of Ridgeland, Mississippi, as amended; and

WHEREAS, the Mayor and Board of Aldermen have determined that it would be appropriate to amend the language in certain of those sections found in Chapter 14 and amending the definitions; and

WHEREAS, the Mayor and Board of Aldermen having considered proposed changes and the comments that have been made and have determined that the following amendments are proper.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and the Board of Aldermen of the City of Ridgeland, Mississippi as follows:

SECTION 1

That all of Chapter 14-ANIMALS, as found in the Code of the City of Ridgeland, Mississippi, shall be modified to include the following additions.

Sec. 14-1. Definitions.

Emotional Support Animal ("ESA") is an animal which provides comfort and emotional support for any psychological condition suffered by the animal's caretaker (such as anxiety, depression, and certain phobias), and an animal whose presence and companionship are needed for the mental health of the caretaker. An ESA is a pet, and not a service animal which would require specific training, and thus an ESA does not receive the same accommodations as service dog users. No ESA may be an animal listed or described in Banned Breeds of Dogs within Article VI of this Ordinance, "Banned Dogs," except as specifically provided herein.

Secs. 14-55. Emotional Support Animals.

(a) Except in the cases of Banned Breeds of Dogs controlled by Article VI of this Ordinance, the keeping of any animal which is an Emotional Support Animal shall be controlled by the provisions within this Article II and Article III, and no further approval or permit from the City is required.

(b) Notwithstanding the other provisions of this Ordinance, an Emotional Support Animal ("ESA") which is a Banned Breed of Dog shall not be

harbored in the City of Ridgeland except upon reliable documentation provided to the Ridgeland Police Department that the following requirements are met: 1) the animal's caretaker suffers from conditions such as anxiety, depression, and certain phobias, and 2) the presence and companionship of the animal is needed for the mental health of the caretaker. In order for a person in the City of Ridgeland to keep an ESA which is a Banned Breed of Dog, the dog's caretaker must provide said reliable documentation. Written determination by a mental health medical professional such as a therapist, psychologist, or psychiatrist who is licensed in Mississippi that the above two requirements are met would constitute reliable documentation. Any such written determination or other documentation must be provided to the Ridgeland Police Department for approval before any ESA which is a Banned Breed is permitted to be kept within the City of Ridgeland. Certain certificates, registrations, and licensing documentation for ESAs which are issued online to anyone who answers certain questions over the internet or participates in a brief interview is not by itself reliable to establish that an individual has a non-observable disability or disability related to the need for an ESA. No past approvals, written determinations, or ESA certifications which predate the 2021 amendments to this Ordinance shall be accepted by the Ridgeland Police Department except where those approvals, written determinations, and ESA certifications meet all requirements of this Ordinance as amended in 2021. If any person claiming to have an ESA is found to have an animal in violation of any part of this Ordinance, and if said person has not provided the City's Police Department with the required documentation and obtained approval for the ESA, the provisions of Article V, Impoundment, apply.

(c) Nothing in this Section or any other provision of this Ordinance shall serve to exempt a caretaker of an ESA which is also a Banned Breed from any other provision of this Ordinance, including but not limited to registration requirements, confinement requirements, training requirements, and liability insurance requirements. If the caretaker of an ESA which is also a Banned Breed is able to provide the documentation required by paragraph (b) of this Section to the satisfaction of the Ridgeland Police Department, said caretaker shall also comply with all other registration requirements under this Ordinance.

(d) Any person aggrieved by the determination of the Ridgeland Police Department regarding the sufficiency of the required documentation or by ESA approval or disapproval of the Ridgeland Police Department, required by this Section 14-55 or any other provision of this Ordinance, shall have the right to appeal said determination or approval or disapproval to the Board of Aldermen by submitting a request in writing within thirty (30) days to be heard by the Board of Aldermen in a public meeting for the Board's review of the Police Department's findings.

Sec. 14-173 Registration.

F. As of the effective date of the 2021 amendments to this Ordinance, if a Banned Breed of Dog shall be harbored in the City by any person under a claim that the

dog is an Emotional Support Animal ("ESA"), the dog's caretaker may continue to harbor such dog only if the caretaker provides the City with reliable documentation required by Section 14-55 of this Ordinance, "Emotional Support Animals." Such documentation must be provided to the Ridgeland Police Department for approval before any ESA is permitted to be kept within the City of Ridgeland. If any person claiming to have an ESA is found to have an animal in violation of any part of this Ordinance, and if said person has not provided the City's Police Department with the required documentation and obtained City approval, the provisions of Article V, Impoundment, apply.

SECTION 2

All other sections of the Code of the City of Ridgeland, as amended, shall not be affected by this change to Chapter 14-ANIMALS.

SECTION 3

This ordinance shall be in full force and effective following publication and one (1) month after adoption.

ORDAINED, ADOPTED AND APPROVED by the Mayor and Board of Aldermen of the City of Ridgeland, Madison County, Mississippi at its regular meeting held on the 20th day of July 2021.

A MOTION made to adopt the foregoing Ordinance was made by Alderman _____ and SECONDED by Alderman _____ and the foregoing having first been reduced to writing, was submitted to a Roll Call Vote, the result was as follows:

Alderman Ken Heard (Ward 1) voted: _____

Alderman Chuck Gautier (Ward 2) voted: _____

Alderman Kevin Holder (Ward 3) voted: _____

Alderman Brian Ramsey (Ward 4) voted: _____

Alderman Bill Lee (Ward 5) voted: _____

Alderman Wesley Hamlin (Ward 6) voted: _____

Alderman D. I. Smith (At large) voted: _____

Whereupon the Mayor declared the Ordinance carried and the Ordinance adopted.

The foregoing Ordinance is approved this the 20th day of July 2020.

CITY OF RIDGELAND, MISSISSIPPI

By: _____
Gene F. McGee, Mayor

ATTEST:

By: _____
Paula Tierce, City Clerk

ANIMAL AMENDMENT ORD 7-20-2021

the city of RIDGELAND

DATE: **JULY 12, 2021**

TO: **MAYOR & BOARD OF ALDERMEN**

FROM: **PAULA TIERCE, CITY CLERK**

RE: **SEWER ADJUSTMENTS**

The following accountholders have requested sewer adjustments and I recommend approval of same:

05-5740-02	950 Shadowlake	$50.31
05-2726-01	501 Lake Harbour	$506.97
03-0475-00	807 Blanche Cove	$46.98

Should you have any questions please contact me directly.

mailing address: p.o. box 217 • ridgeland, ms 39158
street address: 100 w school street • ridgeland, ms 39157
ph: 601.856.7113 • www.ridgelandms.org

Gene F. McGee, cmo - mayor • Paula W. Tierce, phr - city clerk / human resources director

board of aldermen: D.I. Smith, cmo - at-large • Ken Heard, cmo - ward 1 • Chuck Gautier, cmo - ward 2

LANDSCAPE MAINTENANCE
HARBOR DRIVE FROM RICE ROAD
TO SPILLWAY ROAD AND CITY ENTRANCE SIGN
ON SPILLWAY ROAD
CITY OF RIDGELAND, MISSISSIPPI
DEPARTMENT OF PUBLIC WORKS

GENE F. MCGEE, MAYOR

BOARD OF ALDERMEN:
Ken Heard
Chuck Gautier
Kevin Holder
Brian P. Ramsey
Bill Lee
Wesley Hamlin
D.I. Smith, Alderman-at-Large

Paula Tierce, City Clerk

John M. McCollum
Public Works Director

OCTOBER 2021

PROPOSAL FORM
(SUBMIT IN DUPLICATE)

DATE:_____

PROJECT: LANDSCAPE MAINTENANCE HARBOR DRIVE FROM RICE ROAD TO SPILLWAY ROAD AND CITY ENTRANCE SIGN ON SPILLWAY ROAD – CITY OF RIDGELAND

PROPOSAL OF:
Name of
Company:_____

Address:_____

Telephone Number_____Fax Number_____

In compliance with the proposal instructions relating to the above mentioned project, and having carefully examined the Proposal Documents, Specifications, Addenda thereto, and being familiar with all conditions affecting the work, including the site conditions, the undersigned proposes to furnish all labor, materials, equipment and general construction necessary to do the work called for by said documents for the amounts set forth below:

PROPOSAL:
LANDSCAPE MAINTENANCE HARBOR DRIVE FROM RICE ROAD TO SPILLWAY ROAD AND CITY ENTRANCE SIGN ON SPILLWAY ROAD – CITY OF RIDGELAND

Item No.	Item Description	Bid
1	Turf Care	$ N/A
2	Tree Care	$ 1,250.00
3	Shrub and ground cover care	$ 4,000.00
4	Irrigation system maintenance, watering	$ 2,970.00
5	Fire Ant Control	$ 1,855.00
6	Edging and Trimming	$ 300.00
7	Debris Removal	$ 2,700.00
8	Walkways and Other paved areas	$ 525.00
9	Policing and cleaning	$ 2,000.00
TOTAL BASE BID		$15,600.00

Note: Please refer to the general specifications and the map labeled exhibit "A" for frequency, Areas and quantities

The undersigned agrees to hold this proposal for acceptance for 60 calendar days from the date of opening proposals.

The undersigned further proposes and agrees to commence work on and continue through __09/30/2025 (If option renewed)__.

Respectfully submitted,

AUTHORIZED SIGNATURE:

_____

NAME AND TITLE:

_____

The following is to be completed and properly signed with proposals for the project. FAILURE TO DO SO COULD RESULT IN DISQUALIFICATION OF THE PROPOSER'S PROPOSAL.

The above signed acknowledges receipt of the following addenda issued for the above referenced project.

ADDENDUM NO. 1 - DATE:_____

ADDENDUM NO. 2 - DATE:_____

END OF SECTION

SECTION 00750

GENERAL INSTRUCTIONS

PART 1 - GENERAL

1.01 DEFINITIONS AND RESPONSIBILITIES

A. City of Ridgeland: City of Ridgeland
P. O. Box 217
Ridgeland, Mississippi 39158

B. The Department of Public Works shall be the administrator of the Contract for the City.

1.02 CONTRACT DOCUMENTS

A. The contract documents shall consist of these contract documents, drawings, and addenda issued prior to receipt of proposals. Enumeration of the documents (other than addenda) is as follows:

1. Contract Documents Dated October 2018:

SECTION #	TITLE
- - -	Index
00300	Proposal Form
02970	General Instructions

B. Following receipt of proposals, changes or additions to the Contract Documents may be made, provided mutual agreement is achieved between the City of Ridgeland and the Contractor in both Scope of Work and Contract Amount. This will be verified by the City of Ridgeland in writing to the Contractor.

1.03 INSURANCE AND BONDS

A. Insurance Required:

1. Workmen's Compensation: The Contractor shall be protected against claims for injury, disease, or death of employees which, for any reason, may not fall within the provisions of a Workmen's Compensation Law. The liability limits shall not be less than the required statutory limits for Workmen's Compensation and Employer's liability in the amount of $100,000.00 for each person. This policy shall include an "all states" endorsement.

2. Contractor's Comprehensive Public Liability and Property Damage Insurance, covering operations in connection with the performance of this Contract in amounts not less than the following:

a. Bodily injury liability in the amount of $500,000.00 for each person and $500,000.00 for each accident.

b. Personal injury in the amount of $500,000.00 for each person and $500,000.00 for each accident.

c. Property damage liability in the amount of $100,000.00 for all damages arising out of the injury or destruction of property each occurrence and $100,000.00 annual aggregate.

3. Contractor's Contingent or Protective Liability and Property Damage: The Contractor shall secure contingent or protective liability and property damage insurance to protect him from any and all claims arising from the operation of his subcontractors in the execution of Work included in the Contract. In no case shall the amount of such protection be less than the limits of paragraph 1.06 A.2. as described herein for both Public Liability Insurance and Property Damage Insurance.

4. Automotive Public Liability and Property Damage: The Contractor shall maintain automobile public liability insurance in the amount of not less than $250,000.00 for injury to one person and $500,000.00 for one accident, and automobile property damage in the amount of $100,000.00 for each occurrence and $500,000.00 combined single unit from any and all claims arising from the use of the following, all of which may be used on and off the site of the project:

a. Contractor's own automobiles and trucks.

b. Hired automobiles and trucks.

c. Automobiles and trucks owned by subcontractors.

B. Security for Faithful Performance: Simultaneously with his delivery of the executed Contract, the Contractor shall furnish Contract Performance and Payment Bonds in the full amount of the Contract for the payment of persons performing labor on this Contract and for furnishing materials in connection with this Contract. The surety on such Bond or Bonds shall be a duly authorized Surety Company doing business in the State of Mississippi.

1. Copies of acceptable bond forms follow this section.

1.07 CONTRACT TIME

A. This contract will be effective from October 1, 2021 thru September 30 2023. However, the City of Ridgeland may,at their option, renew the contract for two (2) additional years (October 1, 2023 to September 30, 2025). Increases in contract amount are limited to consumer price index.

1.08 SUBMITTALS - None required, except as noted.

1.09 PAYMENT

A. Payment shall be made by the City of Ridgeland to the Contractor in equal monthly payments upon receipt of the monthly statement from the Contractor and approval by the City of Ridgeland of the Work performed during the month, or portion of a month.

B. Submittal process:

1. No later than the 25th of each month, submit 1 copy of the following to the City of Ridgeland:

a. Invoice for the month's services.

b. Invoice for emergency or additional work performed during the month, per the City of Ridgeland's written request.

c. Complete list of tasks performed during the month.

C. City of Ridgeland will review the application and the site. Invoice will be processed for payment provided that the invoice is correct and work performed is acceptable.

1.10 EMERGENCY OR ADDITIONAL WORK/ CHANGES

A. The Scope of Work and respective Contract Sum can be changed by mutual agreement during the Contract Period.

1. Deletions to the Scope of Work and respective Contract Sum may be elected by the City of Ridgeland if:

a. Contractor fails to perform required work, or

b. City of Ridgeland and Contractor agree that a particular item/ area of work is not required.

B. Additional work is work not included within the Proposal Scope of Work, but of a landscape nature that the City of Ridgeland deems necessary.

C. Compensation shall be determined as follows:

1. City of Ridgeland will advise the Contractor of the work it wishes performed that is in addition to the Proposal Scope of Work.

2. Contractor shall prepare a quotation as delineating labor costs, quantities of material(s), profit, and overhead, and submit 2 copies to the City of Ridgeland. City will elect whether to request Contractor to perform the work.

3. The City of Ridgeland reserves the right to:

a. Further negotiate with the Contractor to achieve a proposal mutually acceptable to both parties.

b. Reject the proposal.

c. Accept the proposal in total.

1.11 GENERAL

A. Contractor is responsible for repair of damages to existing elements on the site, including plant material, created by the Contractor's operations or employees.

1. Windows, windshields, and other glass damage by the Contractor shall be paid for by the Contractor.

B. This project is located along, HARBOR DRIVE FROM RICE ROAD TO SPILLWAY ROAD AND THE CITY ENTRANCE SIGN ON SPILLWAY ROAD, located in the City of Ridgeland, Mississippi which is always open to the public. In addition to his employees, the Contractor is responsible for the safety of site users with regards to his work and operations, specifically the use of equipment and other areas/ items of work which may be accessible to the general public.

1.12 TERMINATION OF CONTRACT

A. By City of Ridgeland:

1. Should the Contractor fail to adequately perform or is negligent in his responsibilities for a period of fourteen days, the City of Ridgeland will notify the Contractor in writing of such negligence.
2. The City of Ridgeland may terminate the Contract seven days after the date of the Notice of Negligence letter has been issued, if it is obvious to the City of Ridgeland that the Contractor has made no attempt to correct the performance or negligence.
3. Termination date shall be effective on the end of business on the seventh day following the date of a written termination notice issued by the City of Ridgeland.

B. By Contractor: Should the Contractor elect to terminate his Contract with the City of Ridgeland, this may be done so only by prior written notification.

1. During the time from March to August, the minimum notice time must be 45 calendar days from the date of a Notice to Terminate.
2. From August to March, the minimum notice time must be 30 calendar days from the date of a Notice to Terminate.

C. Should termination be elected by either party, settlement of final fees shall be determined by the City of Ridgeland and Contractor. Previous payments provided by the City of Ridgeland shall be pro-rated based upon the time the Contractor has been employed and the proportional amount of fees for the time remaining in the Contract shall be credited to the City of Ridgeland.

1.13 PROTECTION OF PERSONS AND PROPERTY

A. The Contractor shall be responsible for initiating, maintaining, and supervising safety precautions and programs in connection with the performance of the Contract. The Contractor shall take reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury, or loss to:

1. Employees on the work site and other persons who may be affected thereby;
2. The public users of each site;
3. The work site and materials and equipment to be incorporated therein, and;
4. Other property at the site or adjacent thereto.

B. the Contractor shall give notices and comply with applicable laws, ordinances, rules, regulations and lawful orders of public authorities bearing on safety of persons and property and their protection from damage, injury, or loss. The Contractor shall promptly remedy damage and loss to property at the site caused in whole or in part by the Contractor, a Subcontractor, a Sub-subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable and for which the Contractor is responsible, except for damage or loss attributable to acts or omissions of the City of Ridgeland or by anyone for whose acts either of them may be liable, and not attributable to the fault or negligence of the Contractor.

PART 2 - PRODUCTS (See General Instructions)
PART 3 - EXECUTION (NOT USED)

END OF SECTION

CONTRACT

This Contract made and entered into by and between **U.S. LAWNS**, hereinafter called Contractor, and the CITY OF RIDGELAND, MISSISSIPPI, a municipal corporation, hereinafter called City.

WITNESSETH:

That for and in consideration of the mutual benefits and advantages each to the other, as hereinafter set forth, the parties hereto agree as follows:

That for LANDSCAPE MAINTENANCE FOR HARBOR DRIVE FROM RICE ROAD TO SPILLWAY ROAD AND CITY ENTRANCE SIGN ON SPILLWAY ROAD

Contract Documents, for the proposal including any and all subsequent Change Orders or Supplemental Agreements for the work to be done are hereby made a part of this contract by reference as if fully and completely set forth herein.

1. That the work to be done, more specifically disclosed by said specifications and other contract documents, is for LANDSCAPE MAINTENANCE FOR HARBOR DRIVE FROM RICE ROAD TO SPILLWAY ROAD AND CITY ENTRANCE SIGN ON SPILLWAY ROAD

2. The Contractor agrees to faithfully complete all of said work contemplated by this contract in good and workmanlike manner, strictly in accordance with said plans and specifications, and other contract documents and requirements of the City, and in accordance with the Laws of the State of Mississippi and the ordinances of the City of Ridgeland, for which the City hereby agrees to pay and the Contractor agrees to accept a sum of money in current funds and in equal monthly amounts to the total value of the work complete in place, computed by dividing the final quantities of each item of work by the number of months therefore as stated in the proposal, attached hereto and made a part hereof, which sum shall not exceed the sum of **FIFTEEN THOUSAND-SIX HUNDRED DOLLARS** ($ **15,600.00**), plus the amount of any supplemental agreements extra work authorized and performed. Landscaping Maintenance Services includes furnishing all materials, the doing of all work contemplated under the contract, as well as all loss or damage, if any, arising out of the nature of the work, or the action of the weather, and any and all other

unforeseen obstructions or difficulties that may be encountered in the prosecution of the same. The Contractor will assume all risks of every kind and description in the performance of the contract.

3. The Contractor agrees and binds himself to indemnify and save harmless the City of Ridgeland, of and from any and all claims for damages growing out of the performance of this contract as a result of negligence of the Contractor.

4. Attached hereto and made a part of this contract are an Insurance Certificate, a Payment Bond and a Performance Bond, executed by a surety company doing business in the State of Mississippi in the sum of

5. The Contractor agrees to allow the City, or any of it's duly authorized representatives, access to any books, documents, papers and records of the Contractor which are directly pertinent to the project which is the subject of this contract, for the purpose of making audits, examinations, excerpts and transcriptions, and Contractor agrees to insert an identical clause in any and all subcontracts.

6. The Contractor will commence work required by the Contract Documents within ten (10) days after the date of the Notice to Proceed and will complete the work within the time specified unless the City has agreed to extend that portion of the work not completed.

7. That the Contract may be annulled by the City for just cause.

8. Subcontractors will comply with all applicable laws and regulations pertinent to this contract, the same as the contractor.

IN WITNESS WHEREOF the parties hereto have filed their signatures this the _____ day of _____, 2021.

CONTRACTOR

BY:_____

TITLE:_____

CITY OF RIDGELAND, MISSISSIPPI

BY:_____

TITLE:_____

ATTEST:

BY:_____
CITY CLERK

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS:

That

_____
(Name of Contractor)

_____
(Address of Contractor)

A _____ hereinafter called "Principal", and
(Corporation, Partnership or Individual)

_____ hereinafter called "Surety", are held and firmly
(Name of Surety)
bound unto the CITY OF RIDGELAND, MISSISSIPPI, hereinafter called "City of Ridgeland" in the penal sum of _____
Dollars $_____

In lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain Contract with the CITY OF RIDGELAND, dated the _____ day of _____, 20____, a copy of which is hereto attached and made a part hereof for the :

PROJECT

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, SUBCONTRACTORS, and corporations furnishing materials for or performing labor in the prosecution of the WORK provided for in such Contract, and any authorized extension or modification thereof, including all amounts due for materials lubricants, oil gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such WORK, and all insurance premiums on said WORK, and for all labor, performed in such WORK whether by SUBCONTRACTOR or otherwise, then this obligation shall be void; otherwise to remain in full force and effect. PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and sees that no change, extension of time, alteration

or addition the terms of the Contract or to the WORK to be performed hereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the loans of this Contract or to the WORK or to the SPECIFICATIONS. PROVIDED, FURTHER, that no final settlement between the CITY OF RIDGELAND and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may not yet be satisfied.

WITNESS WHEREOF, this instrument is executed in three (3) counterparts, each of which shall be deemed an original, this the _____ day of _____, 20___.

ATTEST:

_____ (Principal) Secretary

_____ (Principal)

(SEAL)

By_____

_____ (Address)

_____ Witness as to Principal

_____ (Address)

_____

ATTEST
(SEAL)

_____ (Surety)

By_____ Attorney-in-Fact

_____ Witness as to Surety

_____ (Address)

_____ (Address)

NOTE: Date of BOND must not be prior to date of CONTRACT. If CONTRACTOR is Partnership, all partners should execute BOND.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That _____

(Name of Contractor)

_____

(Address of Contractor)

hereinafter called "Principal", and _____

hereinafter called "Surety", are held and firmly bound unto the City of Ridgeland,

Mississippi, hereinafter called "Owner" in the penal sum of _____

_____ Dollars ($)

in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain Contract with the Owner, dated the ____ day of _____, 2021, a copy of which is hereto attached and made a part hereof for the: for LANDSCAPE MAINTENANCE FOR HARBOR DRIVE FROM RICE ROAD TO SPILLWAY ROAD AND CITY ENTRANCE SIGN ON SPILLWAY ROAD

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said Contract during the Original term thereof, and any extensions thereof which may be granted by the City of Ridgeland, with or without notice to the Surety and if he shall satisfy all claims and demands incurred under such Contract, and shall fully indemnify and save harmless the CITY OF RIDGELAND from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the CITY OF RIDGELAND of all or outlay and expense which the CITY OF RIDGELAND may incur in making good and default, then this obligation shall be void; otherwise to remain in full force and effect. PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the WORK to be performed hereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of this Contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the CITY OF RIDGELAND and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may not yet be satisfied.

WITNESS WHEREOF, this instrument is executed in three (3) counterparts, each of which shall be deemed an original, this the _____ day of _____, 2021.

ATTEST:

_____
(Principal) Secretary

(SEAL)

_____
Witness as to Principal

_____
(Address)

_____

(Principal)

By _____

ATTEST:
(SEAL)

_____
(Surety)

By _____
Attorney-in-Fact

_____
Witness as to Surety

_____
(Address)

_____

_____
(Address)

_____

NOTE: Date of BOND must not be prior to date of CONTRACT. If CONTRACTOR is Partnership, all partners should execute BOND.

LANDSCAPE MAINTENANCE

SECTION 02970

PART 1 – GENERAL

1.01 WORK INCLUDED

A. Furnishing materials, labor, equipment and services necessary to provide Landscape Maintenance services as described herein and as delineated on the Drawings. Work shall include the following:
   1. Turf Care
   2. Tree Care
   3. Shrub and Groundcover Care
   4. Irrigation Systems and Maintenance, Watering
   5. Fire Ant Control
   6. Edging and Trimming
   7. Debris Removal
   8. Walkways and Other paved Areas
   9. Policing and Cleaning

B. Refer to the Drawings for the specific Scope of Work required at each location for items 1 through 5 of paragraph 'A', above.

C. Items 6 through 10 of paragraph 'A', above, shall be performed on each site as applicable.

1.02 WORK NOT INCLUDED

A. Contractor shall not be responsible for replacement/repair of plant material (exclusive of annuals) or site amenities including irrigation system components, caused by unforeseen acts such as drought, freezes, or storm damage.

B. The Contractor shall be responsible for replacement/repair of plant material/site amenity damage that is resultant from the Contractor's operations, including personnel and equipment.

1.03 REQUIREMENTS

A. Meet applicable Federal, State, and local codes, regulations and ordinances governing at the site of the project at the time(s) of execution.

B. Perform chemical operations with personnel who are Certified Commercial Pesticide Applicators under the laws and regulations of the State of Mississippi, Department of Agriculture and Commerce, Division of Plant Industry.

C. Contractor's representative (supervisor) shall be experienced in landscape maintenance, and preferably shall have an education in ornamental horticulture.

D. Gardeners/laborers shall be personally presentable when on the site.

1.04 ENVIRONMENTAL CONDITIONS

A. Conduct maintenance operations, particularly chemical-related operations, in weather conditions which provide favorable horticultural conditions and favorable temperature, moisture and soil conditions as may be required by chemical manufacturer's recommendations.

1.05 STORAGE

A. No equipment or materials may be stored on the site or within any buildings, unless approved by the owner.

PART 2 – PRODUCTS

2.01 GENERAL

A. Products are subject to approval by the Owner and shall be rejected if in their opinion the materials do not meet the requirements of the Specifications.

2.02 DELIVERY AND HANDLING

A. Should materials be delivered to the site prior to actual usage and require storage, obtain permission of the Owner for said storage and its location. If the Owner allows storage, materials shall receive suitable protection from the elements. Handle materials so as not to accidentally open containers or contaminate before time of actual mixing or usage.

2.03 PRODUCT SUBMITTALS

A. Submit in accordance with Section 00750 – General Instructions

2.04 FERTILIZERS

A. General: Commercial fertilizers shall be complete formula manufactured standard products complying with regulations and laws at the time of bidding, uniform in composition, dry and free flowing. Fertilizers shall contain not less than the percentage by weight of ingredients set out in the following table: these requirements apply to all fertilizers (except for trees) used throughout the project.

GRADE	NITROGEN	PHOSPHORUS P-2-0-5	POTASH K2

Notes:

1. An allowance of four percent (4%) variation or tolerance of the above proportions will be permitted based on relative commercial value.
2. Fertilizers noted with an asterisk (*)shall be a slow release polymer-encapsulated sulfur coated urea product as manufactured by the O.M. Scott & Sons Co., Marysville, OH., or approved equal.

Trees:

1. Commercial fertilizer shall be a complete formula, slow release, spike-type as Jobe's Fertilizer Spikes, manufactured by International Spike, Inc., Lexington, KY., or approved equal (Submittal Required).

B. Turf – Application rates: GRADE RATE PER ACRE
(There is no turf Care in this proposal)

C. Shrubs and Groundcover – Application rates: Apply 5-5-5 fertilizer at the rate of 5 pounds per 1,000 square feet.
D. Trees- Application rate(s) for each species of tree shall be as per manufacturer's recommendations.

2.05 LIME

A. Agricultural limestone containing not less than 80 percent of calcium and magnesium carbonate, meeting the following minimum gradations:
    1. 80 percent passing a #10 sieve or at least 90 percent passing a #8 mesh sieve.
    2. Pelletized material may be utilized provided that manufacturer's data and product label are submitted to and approved by the Owner.

B. Apply at the rate of one ton per acre on turf areas only.

2.06 HERBICIDES

A. Utilized for spot weeding in beds, edging and trimming shall be a systemic, weed killer such as Roundup Herbicide, by Monsanto or an approved equal. Herbicide shall be applied as per manufacturer's instructions. When used for edging or trimming, swath of spray shall not exceed 6 inches.

B. Utilized for weed control in turf, shall include pre-emerge and/or post emerge herbicide suitable for use on the specific type of turf(s) on this project. Materials and application rates shall be approved by the Owner prior to application. SUBMITTAL REQUIRED.

2.07 INSECTICIDES AND FUNGICIDES

A. Insecticides and Fungicides for turf or plant material shall not be required within the Scope of Work of the base bid, but may be required as additional work on an "as needed" basis. Upon award of Contract, Contractor shall prepare SUBMITTALS for two types of insecticides and fungicides, each which may be required on turf or plant material.

2.08 MULCH

A. Mulch for each bed shall match the existing material in the bed as of the initial date of this Contract.

    1. Baled pine straw, free of undesirable matter. Lightly compact in areas of applications to the depths required.

2.09 EQUIPMENT

A. Provide and maintain necessary maintenance equipment at no cost to the Owner.

2.10 ANNUALS (There are no annuals in this project)

2.11 FIRE ANT CONTROL

A. A liquid or granular chemical, U.S. Environmental Protection Agency approved, shall be utilized to treat and control fire ants. Submit product data to the Owner for review and approval.

PART 3 – EXECUTION

3.01 GENERAL

A. Maintain turf, shrubs, ground covers, (including bed areas), vines, annuals and trees in a healthy growing condition, by performing the necessary operations as listed herein. Scheduling of operations shall be as per the LANDSCAPE MAINTENANCE SCHEDULE following this Section.

B. The Contractor shall not be responsible for regularly scheduled major trash and litter pickup or major debris removal (ie: trees blown down by storm damage) however, the Contractor shall be responsible for removal of minor trash and litter or minor debris (ie: limbs with a diameter of 3" or smaller) which would interfere with maintenance operations (ie: mowing, weeding, etc.) and would cause an unsightly appearance in the opinion on the Owner. Litter and debris removal operations, as defined herein, shall only be performed at times prior to the actual performance of each specific operation.

3.02 TURF CARE (No Turf Care in this Proposal)

A. Soils analysis: Upon award of the Contract, collect and have analyzed soils samples from the turf areas, locations of which shall be approved by the Owner.

    1. Number of samples shall be 3 per acre or a minimum of 2 samples if the area is less than 1 acre.
    2. Samples shall be analyzed by the local Mississippi Cooperative Extension Service, costs of which shall be borne by the Contractor.
    3. Submit 2 copies of the test reports to the Owner.
    4. Should the Contract extend beyond a one year period, no additional soils analysis shall be required for a period of 3 years.

B. Fertilization and liming

    - Per recommendation based on soil analysis.

C. Vertical Mowing/Thatch Removal
    1. Required only on the basis of "as needed" and regarded as additional work to the Base Bid work.
    2. When required:
        a. Perform within the turf area between April 1 and April 15.
        b. Remove the thatch layer of the turf, by mechanical means, (dethatcher).
        c. Remove resultant debris from the turf and dispose of properly.

D. Insect and Fungus Control:
    1. Fire ant control shall be included in the Base Bid scope of work. Refer to paragraph 3.06.
    2. Other insect and fungus control required only on the basis of "as needed" and shall be regarded as additional work.
    3. Contractor is responsible for detection of problems related to insect and fungus control and immediate notification of the Owner.
    4. Materials utilized shall be those pre-approved by the Owner during the submittal process.

3.03 SHRUB AND GROUNDCOVER CARE

A. Shrub Pruning and Shearing:

1. General:
    a. Prune and shear shrubs 3 to 5 times per year depending on the type of plant material. Do not prune later than August 15, depending on the plants ability to "harden over" the cuts prior to winter.
    b. Shall include major renovation or merely shaping of the plant material, as determined by the Owner.
        i. Review pruning of shrubs with the Owner, and receive approval, prior to execution.
        ii. Major renovation or heading back of plants shall be performed ONLY on as "as needed" basis.

    c. Purpose will be to remove dead and diseased parts of the plant, remove "leggy" branches or shoots, promote vigorous compact growth, yet maintain growth within space limitations, and maintain a natural appearance.
    d. DO NOT prune shrubs into balled or boxed forms unless such is required by the design.
    e. Pruning and shearing shall be subject to the approval of the Owner.

2. Evergreen shrubs (both slow and fast growing types)-Prune and shear during the month of June.
    a. Major renovation or heading back of plants shall be performed during the dormant season or in early Spring.

3. Spring blooming deciduous shrubs-Prune and shear following the bloom of the particular plant.
    a. Major renovation or heading back of plants shall be performed during late Spring.
4. Deciduous summer blooming shrubs-Prune and shear during the month of February.
    a. Major renovation or heading back of plants shall be performed during the dormant season or in early Spring.

5. Additional pruning and shearing may be elected by the Owner and deemed as additional work.

B. Groundcover Pruning and Shearing
    1. Required only on the basis of "as needed' and regarded as additional work to the Base Bid work.
    2. When required:
        a. Location and time as determined by the Owner
        b. Prune or shear required ground covers (ie: Asiatic jasmine, Liriope, Mondo Grass) with a string type trimmer to a height of 3 inches.
        c. Perform between March 1 and March 15.

C. Fertilization: Apply 5-5-5 fertilizer to groundcover and shrubs 2 times per year during the periods of March 15 to March 31 and from November 1 to November 15.

D. Weeding:

1. Perform weeding of plant beds with herbicides where practical, otherwise by hand, as often as necessary to maintain order.
    a. Maintain planting beds in a weed free condition.
    b. Weed density shall not exceed 3 weeds per square foot.

2. Remove dead or terminally diseased plants promptly from beds notify the Owner.
3. Spent blooms of the display type shall be removed regularly when they become unsightly.

E. Mulching
1. Provide and apply mulch to planting beds (except those containing mature groundcovers), pit planted shrubs less than 36 inches in height (unless the plants have achieved matured full spread). And trees less than 4 inches in caliper.
    a. Bark mulch shall be replenished once per year.
    b. Pine straw mulch shall be replenished throughout the Contract at no additional cost to the Owner.

2. Before November 15
    a. Remove existing mulch from beds and/or replace with the existing type to depths of 2 inches for bark and 4 inches for pine straw, if mold or mildew is present.

3. In areas next to buildings, finished elevations of mulch shall not be less than 6 inches below the finished floor grade.
    a. In circumstances where the existing mulch elevation is less than 6 inches below finish floor grade, remove and dispose of old and deteriorated mulch prior to the installation of new mulch.

F. Insect and Fungus Control:
1. Fire ant control shall be included in the Base Bid scope of work. Refer to paragraph 3.06
2. Other insect and fungus control required only on the basis of "as needed" and shall be regarded as additional work.
3. Contractor is responsible for detection of problems related to insect and fungus control and immediate notification of the Owner.
4. Materials utilized shall be those pre-approved by the Owner during the submittal process.

3.04 TREE CARE
A. General
1. Provide care and maintenance of trees 4 inches in caliper and less regards to pruning, fertilization and removal of dead wood.
2. Regular maintenance of these larger than 4 inches in caliper, work normally performed by an arborist or tree surgeon (ie: cavity work, cabling, chemical injections, major pruning) shall not be included n the Contract.

B. Pruning
1. Required one time per year

a. Prune deciduous trees only during the dormant season.
b. Prune evergreen trees during the dormant (winter) months

2. Prune trees to:
    a. Select and develop permanent scaffold branches that are smaller in diameter than the trunk of branch to which they are attached, which have vertical spacing of from 12 to 24 inches and radial orientation so as not overlay one another;
    b. Eliminate diseased or damaged growth;
    c. Eliminate narrow V-shaped branch forks that lack strength;
    d. Reduce toppling and wind damage by thinking out crowns;
    e. Maintain growth within space limitations:
    f. Maintain a natural appearance;
    g. And remove suckers.
    h. Remove suckers and lower growth from shrub-type plants which have been tree-formed
    i. Thin our and shape to prevent wind and storm damage to evergreens.
3. Make pruning cuts to lateral branches or buds in front of the branch collar approximately ¼ inch. Stubbing is not permitted.
4. Review pruning of trees with the Owner, and receive approval, prior to execution.

C. Fertilization:
1. Required on an "as needed" basis which shall be deemed as additional work.
2. When required-tree spikes
    a. Provide the number of tree spikes as recommended per tree by the manufacturer.
    b. Perform fertilization between May 15 and June 1.
3. When required-liquid fertilizer
    a. Apply under pressure below grade through a perforated rod or probe.
    b. Determine rates of fertilizer mix (water and concentrate based upon manufacturer's recommendations. Quantities of mix per tree shall be as follows:

Less than 3 inches in caliper	50 gallons
3 inches to 8 inches in caliper	100 gallons
Greater than 8" in caliper	150 gallons

    c. Begin at the drip line of each tree, working to the trunk, making 3 concentric circles inserting the rod locations approximately 4 feet on center.

D. Staking or Guying:
1. Inspect periodically the staking and guying of trees which have been installed less than 1 growing season.
2. Upon inspection, tighten and readjust guy wires where necessary to avoid girdling of trunks or branches, and avoid rubbing of branches that may cause bark wounds.
3. Remove and dispose of staking and guying for plants which have been installed longer than 1 growing season.

E. Insect and Fungus Control:
1. Required only on the basis of "as needed" and shall be regarded as additional work.
2. Contractor is responsible for detection of problems related to insect and fungus control and immediate notification of the Owner.
3. Materials utilized shall be those pre-approved by the Owner during the submittal process.

3.05 3.06 FIRE ANT CONTROL

A. Eradicate fire ants I primary turf areas, shrub beds and groundcover beds.
B. Frequency-during the period of April 15-November 1:
    1. Shrub and groundcover Beds-Apply spot treatment to mounds as needed.

3.07 IRRIGATION SYSTEMS AND MAINTENANCE, WATERING

A. Work required at Spillway Road clock tower
    1. Conduct operations and reviews of the irrigation system:
        a. Provide the annual start up and review of the system between March 1 and March 15.
        b. Conduct monthly reviews of the system to determine if all is in working order
        c. Provide the annual winterization of the system in a manner to best maintain and promote the growth of plant material.
    2. Program and operate the irrigation system in a manner to the best maintain and promote the growth of plant material
        a. Review with and have approved the times of operation by the Owner
        b. Coordinate with and inform the Owner as to the time(s) and frequency of operation of the irrigation systems, and particular times that watering may be necessary.
        c. Repair damage to irrigation system caused by Contractor's operations.
    3. The Contractor shall not be responsible for damage and repair to the irrigation system caused by others.
        a. Defective items or deficiencies in the irrigation system shall be brought to the attention of the Owner immediately by the Contractor.
        b. Repairs to the irrigation system (other than those caused by the Contractor's Operations) are not included n the Base Bid Scope of Work and shall be considered on an "as needed' or emergency basis, which is additional work.

B. Areas or plants located outside of irrigation systems shall be water on an "as- needed" basis when determined by the Owner and shall be considered as additional work to the Base Bid.

3.08 EDGING AND TRIMMING

A. Where required;
    1. Turf-around signs, light poles, walks, paved areas including curbs, and site features.
    2. Ground Covers or vines-adjacent to the entrance sign.

B. Methods:
    3. Herbicides may be utilized around trees, signs, and light poles, in-between planting beds and turf, provided adequate protection is used where trees with sensitive bark (ie: Crape Myrtle) are being sprayed around.

C. Frequency:
    4. Turf Areas, Groundcovers and Vine beds: Required every other mowing time from April 15 to November 1 and with each mowing scheduled before and after

the mowing period of April 15 to November 1. (Refer to paragraph 3.02 E.)
        a. Perform on the same day as mowing operations

b. Chemical treatments required as necessary to present a clean, crisp appearance of the items being edged or trimmed around.

3.09 DEBRIS REMOVAL

A. Remove landscape maintenance-related debris to dumpsters on site or to an authorized dumping facility. This included:
   1. Turf Clippings
   2. Earth displaced by mowing equipment
   3. Pruning/shearing clippings
   4. Edging debris, and
   5. Debris encumbering the mowing areas

B. Clean or vacuum walks, parking areas, and other paved areas of litter from the lawn maintenance process after each mowing.
C. Debris will not be permitted to dominate a particular dumpster, nor will debris encumber the dumpster's use by the Owner.

3.10 WALKWAYS AND OTHER PAVED AREAS

A. Upon initiation of the Contract, remove and dispose of weeds, etc., growing within asphalt or concrete pavements (except designated islands with plant material or turf within parking areas) which included walks, drives, parking areas, and curb and gutter.
B. Throughout the duration of the Contract, chemically control and prevent future weed or grass growth within these areas.

3.11 POLICING AND CLEANING

A. Thoroughly clean walks immediately after each mowing or pruning operation by sweeping, use of blowers, or spraying with water.
B. Inspect grounds immediately following each mowing and clean trash and debris resultant from landscape maintenance operations.
C. Should the Owner determine that grass clippings in turf areas which have been mowed are excessive and necessitate raking, the removal and disposal of these clippings shall be considered as additional work.

the city of RIDGELAND

public works

MEMORANDUM

TO: Mayor Gene F. McGee and Board of Aldermen

FROM: Christopher W. Bryson, P.E., City Engineer

DATE: July 14, 2021

RE: **SELECTION COMMITTEE RECOMMENDATION**
Expression of Interest Proposals for Professional Engineering Services
Highland Commerce Drive
City of Ridgeland, Madison County, Mississippi

Based on the results of the evaluation process for the expression of interest proposals submitted, the Selection Committee recommends the City of Ridgeland commence negotiations with Waggoner Engineering, Inc. for developing a labor hour/unit price contract to provide professional engineering services on the Highland Commerce Drive project. Attached you will find the minutes and completed evaluation ranking forms from the selection committee to support this recommendation.

Thank you for your consideration of our request. Please contact me if you have any questions.

Cc: John M. McCollum, Public Works Director

mailing address: p.o. box 217 • ridgeland, ms 39158
street address: 304 highway 51 • ridgeland, ms 39157
ph: 601.853.2027 • fax: 601.853.2019 • www.ridgelandms.org

Gene F. McGee, cmo - mayor • John M. McCollum - director of public works

board of aldermen: D.I. Smith - at-large • Ken Heard, cmo, mayor pro tempore - ward 1 • Chuck Gautier - ward 2
Kevin Holder, cmo - ward 3 • Brian P. Ramsey, cmo - ward 4 • Bill Lee - ward 5 • Wesley Hamlin, cmo - ward 6

the city of RIDGELAND

public works

RE: **SELECTION COMMITTEE MEETING MINUTES**

Expression of Interest Proposals for Professional Engineering Services
Highland Commerce Drive
City of Ridgeland, Madison County, Mississippi

During the May 18, 2021 Board meeting, the Mayor and Board of Aldermen approved advertising for proposals for engineering services for Highland Commerce Drive and appointed Mike McCollum, Chris Bryson, Alan Hart, Alderman Ken Heard and Mayor Gene McGee to the Selection Committee. The advertisement was published in the in the May 24, 2021 and May 31, 2021 editions of the Clarion Ledger. Proposals were received on June 30, 2021 from Michael Baker International, Inc.; Neel-Schaffer, Inc.; and, Waggoner Engineering, Inc.

The Selection Committee met on July 12, 2021 to evaluate and rank the proposals based on the criteria established in the advertisement. The firms were rated based on the following factors listed in their relative order of importance. The Selection Committee chose the weight assigned to each criteria to be evaluated (i.e. 0.25, 0.1, etc.) The accumulative total of all weights equaled 1.00.

1. WEIGHT = 30% : Experience in scope of work
2. WEIGHT = 30% : Qualifications of assigned staff and company resources
3. WEIGHT = 20% : Past performance of the consultant
4. WEIGHT = 15% : Approach to providing services required within scope of work
5. WEIGHT = 5% : Locations of the Consultant's home, branch and field offices

The Selection Committee then rated each proposal by criteria with a rating of 10.0 being the highest and best rating, and 1.0 being the worst. The selection committee's ratings are shown in the attached score sheets for each committee member. The value of each proposal by criteria was then determined by multiplying the criteria weight by the rating given by the committee member. The score of each proposal was then determined by adding the value calculated for each criteria. The highest score received the best Rank of #1, and the lowest score received the worst Rank of #4. At Last, the final ranking of proposals was determined by adding the rank value (i.e. 1, 2, 3, or 4) calculated from each committee member's ranking form. The proposal with the lowest rank total was chosen for recommendation to the Mayor and Board of Aldermen. The completed score sheets are attached for each committee member.

Based on the results of the evaluations, the Selection Committee recommends the City of Ridgeland commence negotiations with Waggoner Engineering, Inc. Thank you for your consideration of our recommendation.

Minutes prepared by: _____
Christopher W. Bryson, P.E., City Engineer

Minutes approved by: _____
John M. McCollum, Public Works Director

CONCUR: **APPROVED:**

_____ _____

CHAIRMEN OF COMMITTEE **MAYOR**
LPA CHIEF PDM OFFICIAL

mailing address: p.o. box 217 • ridgeland, ms 39158
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LPA-ADM-201

EXPERSSIONS OF INTEREST (Evaluation Ranking)

County:	MADISON
Local Public Agency:	CITY OF RIDGELAND
Project Number:	
Project Termini:	HIGHLAND COMMERCE DRIVE, Highland Colony Parkway to Lake Harbour Drive
Project Description:	Professional Engineering Services

CRITERIA TO BE EVALUATED
Criteria are defined in fields at the bottom of this form

FIRM'S NAME		1	2	3	4	5	6	SCORE	RANK
	Weight	0.3	0.3	0.2	0.15	0.05		0	
MICHAEL BAKER INTERNATIONAL, INC.	Rate	8.0	9	8	8	9			
	Value	0	0	0	0	0	0	0	1
NEEL-SCHAFFER, INC.	Rate	8.5	9	8	7.5	9			
	Value	0	0	0	0	0	0	0	1
WAGGONER ENGINEERING, INC.	Rate	9.5	10.	10	9	9			
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1

CRITERIA TO BE EVALUATED

1	Experience in scope of work
2	Qualifications of assigned staff and company resources
3	Past performance of the consultant
4	Approach to providing services required within this scope of work
5	Location of the consultant's home, branch and field offices.
6	none

WEIGHT

The WEIGHT assigned to each criteria to be evaluated [i.e. 0.25, 0.1, etc. It is not necessary to enter Zeros after a decimal or the decimal if no decimals follow] The accumulative total of all WEIGHT's must equal **1.00**

RATE

1.0 - 10.0 [with 10.0 being the highest. It is not necessary to enter Zeros after a decimal if no decimals follow]:
9.6 - 10.0= The firm's qualifications are **Excellent**
6.0 - 9.5 = The firm's qualifications are **Good**
3.0 - 5.9 = The firm's qualifications are **Fair**
1.0 - 2.9 = The firm's qualifications are **Poor**
You may use fractions or whole numbers [i.e. 9.8, 9.5, 8, etc]

VALUE

Calculated: VALUE = WEIGHT x RATE

SCORE

Calculated: SCORE = VALUE1 + VALUE2 + VALUE3 + VALUE4 + VALUE 5 + VALUE6

RANK

Calculated: The higher the Score the higher the rating

Signature of evaluator

LPA-ADM-201

EXPERSSIONS OF INTEREST (Evaluation Ranking)

County:	MADISON
Local Public Agency:	CITY OF RIDGELAND
Project Number:	
Project Termini:	HIGHLAND COMMERCE DRIVE, Highland Colony Parkway to Lake Harbour Drive
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Criteria are defined in fields at the bottom of this form

FIRM'S NAME		1	2	3	4	5	6	SCORE	RANK
	Weight	.3	.3	.2	.15	.05		1.0	
MICHAEL BAKER INTERNATIONAL, INC.	Rate								
	Value	0	0	0	0	0	0	0	1
		8.5	8.5	8	8.5	10			
NEEL-SCHAFFER, INC.	Rate								
	Value	0	0	0	0	0	0	0	1
		8.7	9	8.9	9	9.8			
WAGGONER ENGINEERING, INC.	Rate								
	Value	0	0	0	0	0	0	0	1
		10	9	9.5	9	9.8			
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1

CRITERIA TO BE EVALUATED

1	Experience in scope of work
2	Qualifications of assigned staff and company resources
3	Past performance of the consultant
4	Approach to providing services required within this scope of work
5	Location of the consultant's home, branch and field offices.
6	none

WEIGHT

The WEIGHT assigned to each criteria to be evaluated [i.e. 0.25, 0.1, etc. It is not necessary to enter Zeros after a decimal or the decimal if no decimals follow] The accumulative total of all WEIGHT's must equal **1.00**

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VALUE

Calculated: VALUE = WEIGHT x RATE

SCORE

Calculated: SCORE = VALUE1 + VALUE2 + VALUE3 + VALUE4 + VALUE 5 + VALUE6

RANK

Calculated: The higher the Score the higher the rating

Signature of evaluator

LPA-ADM-201

EXPERSSIONS OF INTEREST (Evaluation Ranking)

County:	MADISON
Local Public Agency:	CITY OF RIDGELAND
Project Number:	
Project Termini:	HIGHLAND COMMERCE DRIVE, Highland Colony Parkway to Lake Harbour Drive
Project Description:	Professional Engineering Services

CRITERIA TO BE EVALUATED
Criteria are defined in fields at the bottom of this form

FIRM'S NAME		1	2	3	4	5	6	SCORE	RANK
	Weight							0	
MICHAEL BAKER INTERNATIONAL, INC.	Rate							0	1
	Value	0	0	0	0	0	0		
		8	9	8	8	10	10		
NEEL-SCHAFFER, INC.	Rate							0	1
	Value	0	0	0	0	0	0		
		9	10	10	10	9	9		
WAGGONER ENGINEERING, INC.	Rate							0	1
	Value	0	0	0	0	0	0		
		10	8	7	9	9	9		
	Rate							0	1
	Value	0	0	0	0	0	0		
	Rate							0	1
	Value	0	0	0	0	0	0		
	Rate							0	1
	Value	0	0	0	0	0	0		
	Rate							0	1
	Value	0	0	0	0	0	0		
	Rate							0	1
	Value	0	0	0	0	0	0		

CRITERIA TO BE EVALUATED

1	Experience in scope of work
2	Qualifications of assigned staff and company resources
3	Past performance of the consultant
4	Approach to providing services required within this scope of work
5	Location of the consultant's home, branch and field offices. 25
6	none

WEIGHT

The WEIGHT assigned to each criteria to be evaluated [i.e. 0.25, 0.1, etc. It is not necessary to enter Zeros after a decimal or the decimal if no decimals follow] The accumulative total of all WEIGHT's must equal **1.00**

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VALUE

Calculated: VALUE = WEIGHT x RATE

SCORE

Calculated: SCORE = VALUE1 + VALUE2 + VALUE3 + VALUE4 + VALUE 5 + VALUE6

RANK

Calculated: The higher the Score the higher the rating

Signature of evaluator

LPA-ADM-201

EXPERSSIONS OF INTEREST (Evaluation Ranking)

County:	MADISON
Local Public Agency:	CITY OF RIDGELAND
Project Number:	
Project Termini:	HIGHLAND COMMERCE DRIVE, Highland Colony Parkway to Lake Harbour Drive
Project Description:	Professional Engineering Services

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FIRM'S NAME		1	2	3	4	5	6	SCORE	RANK
	Weight							0	
MICHAEL BAKER INTERNATIONAL, INC.	Rate								
	Value	0	0	0	0	0	0	0	1
		8.5	8.5	8	8.5	10			
NEEL-SCHAFFER, INC.	Rate								
	Value	0	0	0	0	0	0	0	1
		8.9	9	9	9	9.9			
WAGGONER ENGINEERING, INC.	Rate								
	Value	0	0	0	0	0	0	0	1
		10	9	9.5	9	9.8			
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1

CRITERIA TO BE EVALUATED

1	Experience in scope of work
2	Qualifications of assigned staff and company resources
3	Past performance of the consultant
4	Approach to providing services required within this scope of work
5	Location of the consultant's home, branch and field offices.
6	none

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SCORE

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RANK

Calculated: The higher the Score the higher the rating

Signature of evaluator

CHRIS BRYSON

LPA-ADM-201

EXPERSSIONS OF INTEREST (Evaluation Ranking)

County:	MADISON
Local Public Agency:	CITY OF RIDGELAND
Project Number:	
Project Termini:	HIGHLAND COMMERCE DRIVE, Highland Colony Parkway to Lake Harbour Drive
Project Description:	Professional Engineering Services

CRITERIA TO BE EVALUATED
Criteria are defined in fields at the bottom of this form

FIRM'S NAME		1	2	3	4	5	6	SCORE	RANK
	Weight							0	
MICHAEL BAKER INTERNATIONAL, INC.	Rate	10	10	9	10	10			
	Value	0	0	0	0	0	0	0	1
NEEL-SCHAFFER, INC.	Rate	9	7	10	6	8			
	Value	0	0	0	0	0	0	0	1
WAGGONER ENGINEERING, INC.	Rate	5	4	4	7	6			
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1
	Rate								
	Value	0	0	0	0	0	0	0	1

CRITERIA TO BE EVALUATED

1	Experience in scope of work
2	Qualifications of assigned staff and company resources
3	Past performance of the consultant
4	Approach to providing services required within this scope of work
5	Location of the consultant's home, branch and field offices.
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Calculated: SCORE = VALUE1 + VALUE2 + VALUE3 + VALUE4 + VALUE 5 + VALUE6

RANK

Calculated: The higher the Score the higher the rating

Signature of evaluator

the city of RIDGELAND

public works

MEMORANDUM

TO: *Mayor Gene F. McGee*
Alderman Ken Heard
Mike McCollum
Alan Hart
(Chris Bryson)

FROM: Christopher W. Bryson, P.E., City Engineer

DATE: July 8, 2021

RE: **SELECTION COMMITTEE MEETING**
Expression of Interest Proposals for Professional Engineering Services
Highland Commerce Drive
City of Ridgeland, Madison County, Mississippi

Attached are copies of the proposals received on June 30th in response to the advertisement for selecting a consultant to provide professional engineering services on the Highland Commerce Drive project. Proposals were received from Michael Baker International, Inc.; Neel-Schaffer, Inc.; and, Waggoner Engineering, Inc. These proposals are being sent to you for review and evaluation prior to the selection committee meeting scheduled for 10:30 am on Monday, July 12, 2021 in the Public Works Conference Room. Also included with this memo is a copy of the advertisement describing the required content for the proposals, and selection evaluation ranking forms for use by the committee members.

During the selection meeting, we will score and rank each proposal using the following procedure:

1. The order of importance for the evaluation criteria was defined in the advertisement as:
    - Experience in scope of work
    - Qualifications of assigned staff and company resources
    - Past performance of the consultant
    - Approach to providing services required within this scope of work
    - Location of the consultant's home, branch and field offices. This criterion cannot exceed 10-percent of the total evaluation.
2. The Selection Committee will assign the weight to each of the evaluation criteria (i.e. 0.25, 0.1, etc.) in conformance with the order listed above. The cumulative total of all weights will equal 1.00.
3. The Selection Committee will rate each of the 5 criteria for each proposal with a rating of 10.0 being the highest and best rating, and 1.0 being the worst.
4. The subtotal score for each criterion will be calculated by multiplying the criteria weight by the rating given by the committee member.
5. The score for each proposal will be calculated by adding the values calculated for each criterion.
6. The highest score will receive the best Rank of #1, and the lowest score will receive the worst Rank of #3.
7. Each committee member will then submit their scoring sheets to the group which show who ranked #1, #2 and #3.
8. Lastly, the committee will add the rank value (i.e. 1, 2 or 3) from each member's ranking form. The proposal with the lowest rank total will be selected for recommendation to the Mayor and Board of Aldermen.

Thank you for your participation in this committee. Please contact me if you have any questions.

mailing address: p.o. box 217 · ridgeland, ms 39158
street address: 304 highway 51 · ridgeland, ms 39157
ph: 601.853.2027 · fax: 601.853.2019 · www.ridgelandms.org

Gene F. McGee, cmo - mayor · John M. McCullum - director of public works

board of aldermen: D. L. Smith - at-large • Ken Heard, cmo, mayor pro tempore - ward 1 • Chuck Gautier - ward 2
Kevin Holder, cmo - ward 3 • Brian P. Ramsey, cmo - ward 4 • Bill Lee - ward 5 • Wesley Hamlin, cmo - ward 6

Text of Ad: 05/18/2021

LEGAL NOTICE

The City of Ridgeland, Mississippi intends to employ a consulting engineering firm to provide professional engineering services utilizing a Labor Hour/Unit Price Contract for developing the Highland Commerce Drive project, from Highland Colony Parkway to Lake Harbour Drive in Madison County.

The professional engineering services requested shall include: project management services, coordination and attendance of project related conferences and meetings, liaison services between the City and State and Federal funding agencies, field surveying and inspections, geotechnical investigations, environmental studies, roadway engineering design, right-of-way document preparation and acquisition services, utility relocation, construction bid document development, and bid phase administration. Development of the Highland Commerce Drive project will be handled in accordance with all Federal regulations in order to participate in Federal-aid programs. The firm selected shall be competent to provide these services in accordance with MDOT's Project Development Manual for Local Public Agencies (LPAs). Upon selection, negotiation and execution of a Contract, the City anticipates the duration of the Contract(s) to be approximately 2-years. The City anticipates executing this Contract in Fiscal Year 2022. The services provided with this contract will begin upon issuance of a "Notice to Proceed" by the City of Ridgeland and end following Authorization to award the construction contract.

To be considered, the "Expression of Interest" proposal must respond to all requirements of this Legal Advertisement. The recommended proposal length should not exceed twenty-five (25) pages, exclusive of appendices. The resumes (which should not exceed 1 page in length per individual), SF-330 Part II, proof of State Licensure and certificates requirements, and other information not relevant to the requirements should be included in the appendices. The Consultant's cover letter, table of contents, summaries and introductions, team organizational chart, past performances, and any other responses to the evaluation criteria should be included in the 25 pages. Pages should be numbered, single-spaced, one-sided, 8.5" by 11" with margins of at least one inch on all four sides. No more than five pages may be 11" by 17", but they may count as two sheets each against the recommended 25 page maximum. Information within the recommended 25 page limit of the proposal should be complete and sufficient in scope for the selection committee to evaluate the Consultant. Also, all text information in the recommended 25 page limit should be shown in a readable font, size 12 points or larger. Headers, charts, and other graphics may be provided in a different font type and size providing they are legible. Section dividers, tabs, or similar means are recommended but are not counted as part of the recommended 25 page limit. These recommendations will be considered when evaluating the quality of proposal.

With the exception of the information to be supplied in the appendices, the "Expression of Interest" proposal should be divided into the following sections as listed below. Consulting engineering firms (CONSULTANTS) interested in providing these services may so indicate by furnishing the City {seven (7) hard copies and one (1) CD} of an Expression of Interest which should consist of the following unless specifically stated otherwise:

1. COVER LETTER: The Prime CONSULTANT should provide a cover letter specifying the name and complete description of the Contract, the name of the Prime CONSULTANT and any of its Subconsultant(s), the name of an individual who will be the single point of contact throughout the selection process, the name of the project manager, the location and address of the managing office, and the location and address of the office(s) that may be assigned the work. Should any Subconsultant(s) be listed as team members, identify the roles of each of the team's members. In addition, the CONSULTANT must note if this is a joint venture.

2. QUALIFICATIONS: The CONSULTANT should provide a resume for each principal member, the project manager, and employee(s) of the firm anticipated to be assigned to the project. Also, provide a team organizational chart and list each person's experience and qualifications, including proof that the Project Manager is licensed as a Mississippi Professional Engineer and that the firm has met state licensure and certification requirements**. The team organizational chart should include each individual's name, job description (for the project), and company of employment. In addition, the CONSULTANT should provide proof that they have attended and received certification through MDOT for the Project Development Manual Training for Local Public Agencies.

3. PAST PERFORMANCE: The CONSULTANT should provide a description of services provided on projects with similar scope and magnitude that were completed during the past five (5) years which qualifies the consultant for this work. Provide a detailed description of the role of the consultant and define whether the consultant was the prime or a Subconsultant. Include in the description the amount of the consultant's contract for the work they provided for the project, the date the consultant's project was initiated, the consultant's scheduled completion date in accordance with the progress schedule, and when the consultant completed the work as stated in the contract. Identify any justifications if the consultant's project was not completed on-time or within the original contract amount. The firm should provide contact information of the client and client's representative for each of the projects referenced who can verify and discuss the project;

4. REFERENCES: The CONSULTANT should provide three (3) client references not affiliated with the City of Ridgeland for which the company has performed services within the past five (5) years that are similar to the requirements within this Scope of Work. Provide the reference contact name, address, e-mail address, telephone numbers and date of the Contract.

5. APPROACH: The CONSULTANT should provide a brief description of its APPROACH to completing the scope of work in an efficient manner. This description should describe the Consultant's resources and abilities in project operations, project management and how they utilize their equipment, personnel, and other technical and procedural resources. Provide a brief description of any resource that has proven beneficial for accomplishing similar scopes of work in previous projects such as use of digital records in project administration, design, use of GPS information, digital photographs and videos in design/bid documents. Provide a brief description of any unique company resource or procedures for efficiently advancing a project while meeting the requirements of MDOT's Project Development Manual for Local Public Agencies (LPAs). Describe any unique company resources or procedures that provides quality control for efficiently processing pay estimates and Federal Grant requests for reimbursement.

The CONSULTANT should provide Part II of Standard Form (SF) 330, Architect-Engineer Qualifications. If a firm has branch offices, complete the form for each specific branch office seeking work. In addition, this form should be completed for any Subconsultants in the same manner. This form can be obtained at the following web-address:
http://sp.gomdot.com/Consulting%20Services/Forms/Standard%20Form%20(SF)%20330,%20Part%20II.pdf

The City will evaluate the Expressions of Interest based on the following factors listed in their relative order of importance:
1.Experience in scope of work
2.Qualifications of assigned staff and company resources
3.Past performance of the Consultant
4.Approach to services required within scope of work
5.Locations of the Consultant's home, branch and field offices

The CONSULTANT should mark any and all pages of the proposal considered to be proprietary information which may remain confidential in accordance with Mississippi Code Annotated 25-61-9 and 79-23-1 (1972, as amended). Each page of the proposal that the CONSULTANT considers trade secrets or confidential commercial or financial information should be on a different color paper than non-confidential pages and be marked in the upper right hand corner with the word "CONFIDENTIAL." Failure to clearly identify trade secrets or confidential commercial or financial information will result in that information being released subject to a public records request.

All replies must be received by 10:30 A.M., Wednesday June 30, 2021, in the Office of Public Works of the City of Ridgeland at City Hall 100 West School Street, Ridgeland, Mississippi 39157. The City reserves the right to reject any and all replies and to waive any irregularities or informalities in the proposal process. The City reserves the right to select one (1) consultant or select a short list of consultants from whom more information will be required. The LPA reserves the right to reject any and all Proposals, discontinue Contract execution, and/or request additional information with any party at any time prior to final Contract execution. The City of Ridgeland is an equal opportunity employer. Questions should be directed to the City of Ridgeland, Public Works Department, telephone no. 601-853-2027, Attn: Public Works Director.

The Expressions of Interest should be submitted and marked on the outside as:
"Expression of Interest"
Professional Engineering Services
Highland Commerce Drive
City of Ridgeland, Madison County, Mississippi

BY ORDER OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF RIDGELAND, MISSISSIPPI, ON THIS THE 18th DAY OF MAY 2021
CITY OF RIDGELAND, MISSISSPPII
BY: (s) Paula Tierce
Paula Tierce, CITY CLERK
May21,28,2021.

0004743100-01

the city of RIDGELAND

EXPRESSION OF INTEREST

Professional Engineering Services for Highland Commerce Drive

June 30, 2021

Project Manager
Stan Wright, PE
stan.wright@neel-schaffer.com
601.948.3071

NEEL-SCHAFFER
Solutions you can build upon

Letter of Interest

June 30, 2021

Office of Public Works
City of Ridgeland City Hall
100 West School Street
Ridgeland, MS 39157

REFERENCE: PROFESSIONAL ENGINEERING SERVICES FOR HIGHLAND COMMERCE DRIVE

Dear Selection Committee Members:

Neel-Schaffer is pleased to submit this Expression of Interest that outlines our qualifications to provide the Professional Engineering Services for the Highland Commerce Drive project.

We understand that the professional services requested include:

- Project Management
- Coordination and attendance of project-related conferences and meetings
- Liaison services between the City and State and Federal funding agencies
- Field surveying and inspections
- Geotechnical investigations
- Environmental studies
- Roadway engineering design
- Right-of-Way document preparation and acquisition services
- Utility relocation
- Construction bid document development, and
- Bid phase administration.

We also understand that development of the project will be handled in accordance with all Federal regulations in order to participate in Federal-aid programs, and that competency in providing these services in accordance with the Mississippi Department of Transportation's Project Develop Manual for Local Public Agencies (LPAs) is required.

Neel-Schaffer has extensive experience in the design of new roads and bridges and completing projects in accordance with MDOT and LPA regulations.

Additionally, two key members of our team are very familiar with City of Ridgeland projects: Project Manager Stan Wright, PE, and Technical Manager Chad Edwards, PE. Stan and Chad each have more than 20 years of experience as Project Engineers and Managers. Each has completed numerous LPA projects, and each were involved in the completion of five very important roadway projects for the City of Ridgeland over the last two decades. Chad played a major role in the design of the Lake Harbor Drive Extension project that created the corridor that will intersect with Highland Commerce Drive.

It is also important to note that Neel-Schaffer has been the Engineer of Record for more than a decade for one of the largest, ongoing projects in the City of Ridgeland, the Renaissance at Colony Park. Neel-Schaffer engineers and planners helped design and develop the original Renaissance complex and adjoining roundabout that opened in 2007.

We designed and managed construction for Renaissance Phase 2, which includes the Renaissance Fountain and Malco Renaissance Theater that opened in 2019. We designed and managed construction for Renaissance Phase 3, which includes the highly successful Costco Wholesale Warehouse and Fuel Station that opened in 2020. We designed new decorative traffic signals for the Highland Colony Parkway intersections that service the Costco entrance, and we are designing and managing the ongoing Renaissance Phase 4 buildout that will include the new Walk-Ons Restaurant and other retail outlets.

Mr. Wright will be your single point of contact throughout the selection process for this project. The work will be managed out of our Madison office, located at 215 Waterford Square, Madison, MS 39110. Other Neel-Schaffer offices that may be assigned work include our Ridgeland office, 101 Business Park Drive, Ridgeland, MS 39157, and our Jackson office, 125 South Congress Street, Suite 1100, Jackson, MS 39201.

We have four partners for this project. Maptech, a wholly owned subsidiary of Neel-Schaffer, Inc., will provide Survey and Mapping services. Burns Cooley Dennis (BCD) will provide Geotechnical Engineering services. Headwaters, Inc., will provide Environmental services, and Integrated Right of Way (IROW) will provide ROW acquisition services. BCD and Headwaters are both headquartered in Ridgeland and have provided services to the City of Ridgeland for numerous projects.

We encourage you to contact the references we have provided in this Expression of Interest to learn more about the services we can provide to the City of Ridgeland for this project. If you have any questions, please don't hesitate to contact me at 601.624.7713 or robert.walker@neel-schaffer.com.

Thank you for allowing us to submit our proposal and we look forward to working with you on this project.

Sincerely,

NEEL-SCHAFFER, INC

Robert Walker

Executive Vice President

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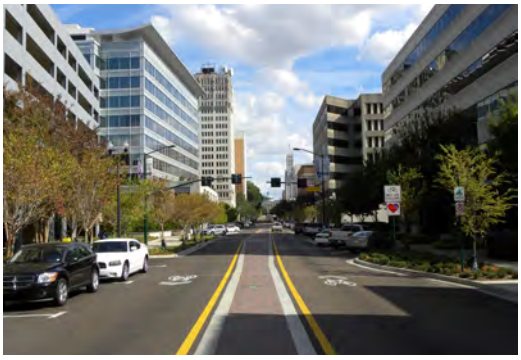
APPENDIX

- A | Resumes
- B | SF330 Part II
- C | Licenses and Certifications



Neel-Schaffer is a multi-disciplined engineering, planning and construction management firm that was founded in 1983 and today is one of the largest private, employee-owned engineering firms in the South, operating out of 38 offices across nine states. Based in Jackson, we have 15 other Mississippi offices, including two in Ridgeland and one in Madison. We also have operations in Alabama, Arkansas, Florida, Georgia, Louisiana, South Carolina, Tennessee, and Texas.

Our core disciplines include:

Transportation: *Roads & Highways, Transportation Planning, Traffic, Aviation, Bicycle & Pedestrian Facilities, Bridges, Lighting, Maritime, Railroad, and Signage*

Support Services: ***Construction Engineering & Inspection****, Emergency Management, Geotechnical Engineering, Surveying, Urban Planning*

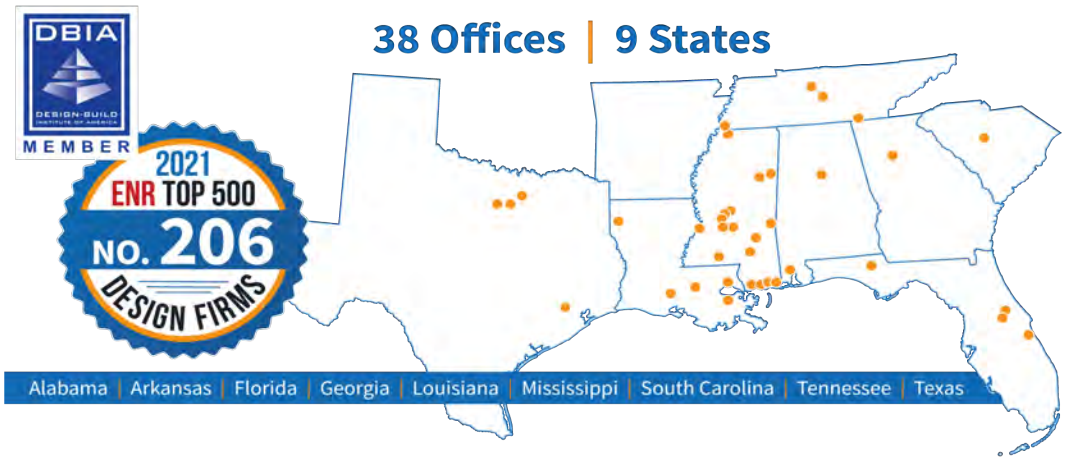
Civil/Site: *Site Development, Electrical Engineering, Landscape Architecture, Recreational, Structural, Telecommunications*

Water: *Coastal Science & Engineering, Water Resources, Hydraulics & Hydrology, Storm Water Management, Wastewater Treatment & Collection, Water Treatment & Distribution*

Environmental Services: *Brownfield Assessment & Redevelopment, Environmental Permitting & Compliance, Natural Resources & NEPA Compliance, Phase I & II Environmental Site Assessments, Solid Waste, Underground/Aboveground Storage Tank Management*

Company founders **Hibbett Neel** and **Gorman Schaffer** were committed to building a successful firm with a philosophy of improving the quality of life through service to the community. This belief, coupled with a desire to provide the finest engineering expertise, has helped to set Neel-Schaffer apart and is the underlying strength of the company today.

The firm's corporate structure emphasizes local service, allowing our employees to maintain deeply local connections with clients in the communities we serve, while having the resources of a much larger regional firm at their fingertips. This allows us to provide a full-service approach to program development, design, planning, and construction management.



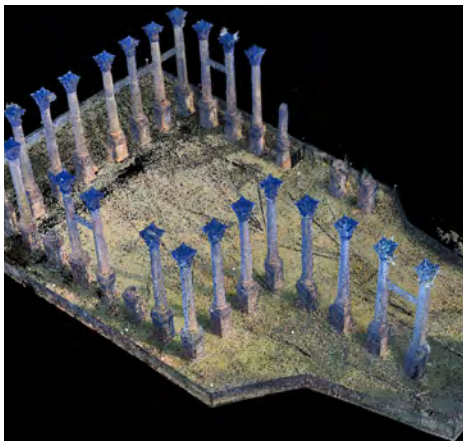
1 | Subconsultants

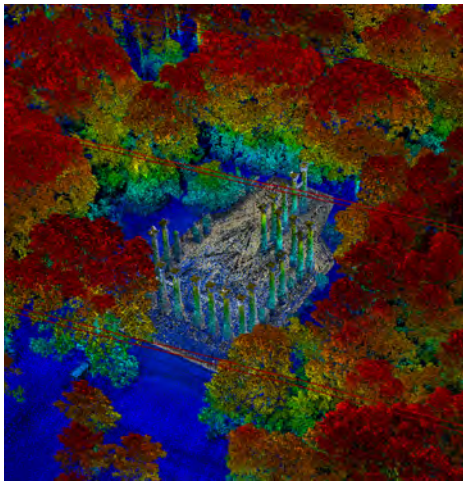
Maptech was founded in 1977 and is a wholly owned subsidiary of Neel-Schaffer, Inc.

Through various engineering and architectural organizations, Maptech has provided professional surveying services for government agencies for more than 30 years. Additionally, the firm provides professional surveying services directly to the Mississippi Department of Transportation, the U.S. Army Corps of Engineers, and the Natural Resources Conservation Service through master surveying contracts.

Maptech's services and deliverables include project property maps, individual parcel plat, legal descriptions for various types of legal conveyances; acquisition (appraisal) maps; surveys of existing right-of-way; conservation easement surveys; eminent domain surveys; expert witness testimony; and quality assurance.

Maptech operates a LiDAR-equipped DJI Matrice 600 Pro drone that is available to provide realtime 3D LiDAR surveying services for projects. Maptech employs two UAS-certified drone pilots, trained on using the LiDAR drone. Our team is committed to maintaining a knowledge of and compliance with state and federal regulations regarding the use of drones.





1 | Subconsultants

Burns Cooley Dennis: (BCD) is a geotechnical and materials consulting firm that was formed in 1985. BCD provides complete geotechnical consulting services, including: engineering and design analyses; subsurface exploration; laboratory testing; construction materials engineering and observations and testing for earthwork, concrete and asphalt; and pavement research and design. The BCD headquarters is located at 551 Sunnybrook Road in Ridgeland, Mississippi. This facility includes our corporate office and soils testing laboratory, a shop/warehouse for drilling equipment, and an enclosed fenced compound. BCD also operates an approximate 8,000-sq-ft Construction Materials Engineering and Testing facility which houses our construction materials laboratories. This facility is located at 278 Commerce Park Drive in Ridgeland, Mississippi. Branch offices located in Hattiesburg, Mississippi and Gulfport, Mississippi facilitate the provision of geotechnical engineering and construction testing services to clients in the Pine Belt and Gulf Coast regions, and branch offices located in Hernando and Starkville, Mississippi provide the same quality services for the Memphis, Tennessee, Arkansas and North Mississippi areas.

BCD has two generally broad areas of practice: (1) Local or General Practice and (2) Specialty Practice.

Headwaters, Inc. is a broad-based natural resources management and consulting firm, headquartered in Ridgeland, Mississippi, with a field office located in Tupelo, Mississippi. The company has, for 27 years, maintained a multi-faceted natural resources management focus dealing primarily with issues related to environmental management, regulatory compliance, Phase I Environmental Site Assessments, forest resources, wildlife and fisheries management and conservation easements. The Headwaters professional staff has compiled well over 100 years of experience in natural resources management, development, compliance and permitting. Their staff is highly qualified with extensive experience and training which enables us to offer a wide range of dependable services with confidence. Headwaters has served, and currently serves, as the principal environmental consulting firm for a broad spectrum of client sectors that include various branches of State and Federal government agencies, Fortune 500 oil and gas companies, Fortune 500 electric utility companies and one of the largest rail way transportation companies in the southern United States. The Headwaters philosophy to approaching the environmental process is based primarily upon taking a positive approach to finding solutions that address project needs and minimize project impacts.

Integrated Right of Way will provide acquisition and relocation support for this project. iROW's subject matter experts utilize cloud-based acquisition and project management tools, local office support, a proprietary nationwide comparable sales and research database, state of the art market area analysis and mapping software to complete projects on schedule. They are active members of the local Multiple Listing Services for residential data and relocation assistance. They have designated appraisers and attorneys licensed in Mississippi.

the city of RIDGELAND

NEEL-SCHAFFER
Solutions you can build upon

Officer-In-Charge
Robert Walker, PE

Project Manager
Stan Wright, PE

Quality Assurance
Keith Purvis, PE

Technical Manager
Chad Edwards, PE

Design/Utility Coordination Team
- Chad Edwards, PE
- Reid Haygood, EI
- Ira Turner, SCET
- Mark Sorrell, PE, PTOE

Survey
- Chris Pesnell, PS, CFedS

Geotechnical
- A. E. (Eddie) Templeton, PE
- Randy Ahlrich, PH.D., PE
- Robert Varner, PE
- Kevin Williams, PE
- Marcos V. F. Rodrigues, PE

Bridge Team
- Cindy Rich, PE
- Kevin Kennedy, PE
- Keith Carr, PE

Support Services

Environmental
- Robert Walker, PE
- Jimmy Shirley, PE
- Haley Streuding, RPA
- Walt Dinkelacker
- J. Clay Cromwell
- Lang Kirkwood

Right-of-Way Acquisition
- Jennifer Rigby, MAI
- James O. Turner II, MAI
- John R. Praytor, MAI, AI-GRS
- P. Caleb Koonce, J/D
- Greg M. Thompson, R/W
- Kamesha Brown Mumford
- John B. Stewart

Responsible Firm Key	
Neel-Schaffer	Prime
Maptech	Subconsultant
Burns Cooley Dennis	Subconsultant
Headwaters	Subconsultant
Integrated Right of Way	Subconsultant

State Street Corridor Improvements

Neel-Schaffer provided engineering design and **construction engineering and inspection** services for the State Street Corridor Improvements project, an ambitious 'Road Diet' project that transformed a very busy 2-mile corridor in Jackson.

Funded by a 2015 TIGER Grant and the City of Jackson, this $19.5 million project is part of the City's 'Greening the Gateways' initiative that is aimed at improving the rideability, safety, and aesthetics of the roadway system along North State Street, from Hartfield Street to Sheppard Road.

Design was completed in the fall of 2017. Construction began in 2018 and was completed in 2020. Neel-Schaffer coordinated with the City of Jackson, the Mississippi Department of Transportation, and the Federal Highway Administration to make sure the project stayed on track.

The project included many road diet design features, roadway reconstruction and resurfacing, improved traffic signals at four intersections and one fire station, replacements and upgrades to water and sewer lines, storm drain design and replacement, a multi-use trail and sidewalk with ADA compliance, landscaping improvements, and bioswales between the curb and multi-use trail.

City of Jackson, MS

Role
Prime

Project Initiated
10/17/2017

Scheduled Completion Date
January 2021

Design Completed
2017

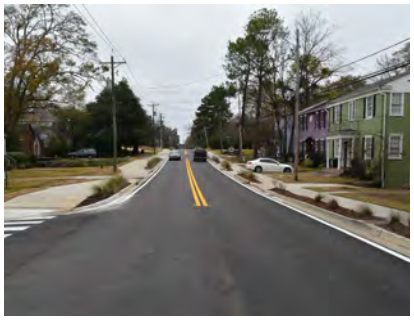
Construction Completed
01/19/2021

Neel-Schaffer Contract
$2,365,280

Client Contact

Charles Williams, PE, Phd
City Engineer, City of Jackson
601-960-1651
cwilliiams@city.jackson.ms.us

All final closeout documentation was submitted to MDOT earlier this year and MDOT is in the process of closing out its portion of the project.



West County Line Road Improvements

Neel-Schaffer was chosen by the City of Jackson to provide transportation planning design and **construction engineering & Inspection services** to four-lane a three-quarter-mile segment of West County Line Road. The goal is to improve the traffic capacity, safety, and traffic flow efficiency on this urban arterial while providing an aesthetically pleasing corridor to promote growth and development in the area west of US 51.

The project realigns West County Line Road from Brown Street to US 51. The realigned West County Line Road will be a four-lane divided highway with a raised median and will include a bridge over White Oak Creek. Approximately 7,000 feet of the Canadian National Railroad will be relocated. The realigned railroad will include bridges over relocated West County Line Road, existing West County Line Road, and White Oak Creek. Existing grade crossings at Richmond Grove Road and Brown Street will be closed. A two-lane curb and gutter connection will be made between the existing Guice Lane and Rand Street.

A two-lane curb and gutter connection (approximately one-half mile), to be known as Richmond Grove Road, will be made between the relocated section of West County Line Road and existing frontage road at the Mid-South Auto Auction facility. Utilities will be constructed along the realigned portion of West County Line Road, Richmond Grove Road and Rand/Guice St. Existing utilities will be relocated as required. A section of White Oak Creek is realigned and improved. The existing intersection of West County Line Road with US 51 will be modified. A new traffic signal is operational at the West County Line Road intersection with the Tougaloo College entrance. Sidewalks, landscaping and street lighting are included.

Phase 1A included improvements to West County Line Road and Richmond Grove Road west of the CN railroad, which includes a roadway bridge over a realigned White Oak Creek, and the new traffic signal at Tougaloo College entrance. Phase 1A construction has been completed. Phase 1B will include the relocation of about 7,000 feet of railroad and three railroad bridges, connecting to the intersection of US 51 and East County Line Road, and the construction of Rand/Guice Street. Construction of this final phase is underway and expected to be completed in July 2021.

City of Jackson, MS

Role
Prime

Project Initiated
10/17/2017

Scheduled Completion Date
Phase 1A: 2008
Phase 1B: July 2021

Completion Date
Ongoing

Neel-Schaffer Contract
$2,348,596

Client Contact

Charles Williams, PE, Phd
City Engineer, City of Jackson
601-960-1651
cwilliiams@city.jackson.ms.us

Continental Parkway and Bridge

Neel-Schaffer was contracted by the Mississippi Department of Transportation to provide engineering design services for a new parkway and bridge near Interstate 20 in Hinds County that now provides access to the new $1.45 billion Continental Tire manufacturing plant that opened in 2020 near Clinton.

The design and construction of Continental Parkway was part of a $45 million improvements project at the Norrell Road / I-20 interchange west of Jackson. The improvements were made to handle the traffic levels anticipated when the Continental manufacturing plant went online. Part of Continental's selection of this site was based on Mississippi's commitment to expand the interchange, which Neel-Schaffer designed in the 1990s.

Two of the most significant improvements included the new 1,650-foot bridge over the KCS Railroad and the expansion of the north frontage road, now known as Continental Parkway. The Parkway leads from the Norrell Road Interchange and provides access to the new plant's main entrance. The new bridge carries over a KCS rail line and Little Baker's Creek.

Norrell Road was widened to accommodate four lanes north of I-20 and dual left-turn lanes onto the realigned North Frontage Road/ Continental Parkway, a 1.25-mile long road with four lanes and a 10-foot paved shoulder. The project included three new traffic signals with multi-sensor vehicle detection and ITS traffic monitoring hardware throughout the interchange. High-mast roadway lighting was designed at the interchange and decorative low-mast lighting was designed along Norrell Road and Continental Parkway to the plant entrance. Other major design elements included box bridge modifications, box culvert design, destination and directional signage, guardrail, shoulder barrier wall, and wetland protection.

The existing railroad and frontage road alignments were highly skewed in relation with each other, so to minimize the span length required over the railroad right-of-way the bridge was laid out in an "S" shape to facilitate a less severe crossing angle. The bridge is approximately 1,650 feet in length and is comprised of 13 prestressed beam spans. The gutter to gutter width of the bridge is 68 feet, which includes 2 ~ 12-foot travel lanes and a 10-foot outside shoulder in each direction. All beams used were 72-inch prestressed bulb tees. Simple supported spans were used in the (reverse) curvature on each end of the bridge, four 125 feet in length and six 135 feet in length.

One three-span continuous-for-LL straight unit with lengths of 100'-140'-100' was used over the railroad crossing, with the interior bents skewed approximately 41 degrees. The end spans of this unit were not skewed, thus were trapezoidal in plan. Substantial effort was devoted to the geometrics (namely, the superelevation transition) because of the "S" shape of the bridge. All intermediate bent columns were founded on 4'-6" diameter drilled shafts.

Mississippi Department of Transportation
Hinds County, MS

Role
Prime

Initiation Date
Design: 7/31/2016

Scheduled Completion Date
Design: 10/20/2017 |
Construction: July 2020

Completion Date
Design 10/23/2017 |
Construction: July 2020

Neel-Schaffer Contract
$1,490,296

Client Contact
David Seal
MDOT Roadway Design Division Engineer
601-359-7250
dseal@mdot.ms.gov

Bozeman Road EA and Conceptual Design

The Madison County (MS) Board of Supervisors contracted with Neel-Schaffer to perform conceptual design and environmental services to make much-needed improvements to Bozeman Road, a heavily traveled two-lane road that was built decades ago as a farm-to-market road designed to carry a small volume of mainly rural traffic. Over the last two decades the traffic volume has grown and exceeds the roadway capacity by 70%. Plus, the pavement has experienced rapid deterioration due to highly expansive clay soils, poor drainage, and the lack of adequate pavement structure.

Booming residential and commercial growth has led to a traffic volume of more than 17,000 vehicles per day on two narrow lanes and an analysis of the surrounding road system indicates that by the year 2040 Bozeman Road will carry more than 24,800 vehicles per day on a pavement structure that is insufficient for that volume of traffic. The result is substantial backup of southbound AM peak traffic, most mornings backing up more 1.5 miles to the north from MS 463.

Neel-Schaffer completed an Environmental Assessment (EA) with designs on reconstructing Bozeman Road as a four-lane boulevard. The project will be built in accordance with Mississippi Department of Transportation (MDOT) standard specifications, using the Local Public Agency Process (LPA) and Federal Highway Administration (FHWA) guidelines.

This project is time sensitive, with strict deadlines that Neel-Schaffer has worked to meet:

Meeting that first deadline was likely the most severe challenge of this long-term project. Neel-Schaffer's contract for the EA was initiated in June of 2016, which meant the Environmental Document had to be approved by MDOT and FHWA in approximately eight months. Generally, this type and size of project takes 12 to 18 months to complete, but Neel-Schaffer accomplished it in roughly half the normal allotted time.

Adding to the challenge was a request by MDOT that Neel-Schaffer schedule and hold both a public meeting and public hearing regarding the EA. Both events were well-attended and very informative for Madison County residents who are extremely interested in this project.

Neel-Schaffer is now making steady progress in the design phase, and expects to meet all remaining deadlines.

Madison County, MS

Role
Prime

Project initiated
06/2016 (EA)

Scheduled Completion Date
02/2017 (EA)

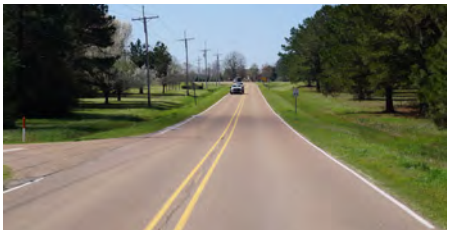
Completion Date
2/2017 (EA)

Note: Field Review Plans were initiated in July 2017 and submitted on schedule in November 2018. We are currently 90% completed with the ROW phase with 55 parcels. The project remains on schedule for construction to begin in Spring 2022.

Neel-Schaffer Contract
EA/Conceptual Design: $450,000
Design Engineering: $750,000

Client Contact

Tim Bryan, PE, PTOE
Madison County Engineer
601.790.2525 | 601.573.5394
timothy.bryan@madison-co.com



Before

Concept: After

Hoy Road Widening

Neel-Schaffer is the Engineer of Record for a $9 million project to widen and reconstruct Hoy Road, a major east-west corridor in the City of Madison, MS. Neel-Schaffer performed an Environmental Assessment (EA) and then designed the project. Neel-Schaffer is now providing Construction Engineering & Inspection services for the construction portion of the project, which is projected to be completed in Spring 2022.

Neel-Schaffer developed traffic control plans and has worked closely with City officials, the contractor and other stakeholders to build this project in the most efficient manner with the least impact on motorists.

Neel-Schaffer engineers and planners have worked with City of Madison officials to help shepherd this project through several iterations. Neel-Schaffer performed two EAs, organized multiple public meetings and developed three design options. A FONSI (Finding of No Significant Impact) was approved for one of the options, but after construction was completed on two other projects that impact traffic operations within the area, City officials asked Neel-Schaffer to determine if an alternative without four through traffic lanes could meet the immediate and design-year traffic needs.

After Neel-Schaffer verified the viability of such an alternative, Neel-Schaffer worked with the City and MDOT to prepare and process for FHWA approval a re-evaluation of the FONSI. The solution conceived by Neel-Schaffer and the City has a smaller overall ROW footprint and lower costs.

The project that is now under construction stretches from Old Canton Road to Bradford Place subdivision, just east of Rice Road. Hoy Road will be widened to five lanes from Old Canton to Victoria Place and from there remain two lanes to the east. The intersection of Hoy Road and Rice/Tisdale will be reconstructed to allow for better traffic flow.

A 10-foot-wide multi-use trail will be constructed along the south side of Hoy Road from Victoria Place to West Bradford Place, and a five-foot sidewalk will be added from Old Canton Road to Victoria Place on the north side. An additional 10-foot-wide multi-use trail will be added on Tisdale Road from Wellington Way southward along Rice Road to Madison Avenue. A sidewalk will be added along Madison Avenue from St. Ives Drive to Rice Road, completing the loop between Madison Avenue and Hoy Road.

City of Madison, MS

Role
Neel-Schaffer (Prime)

Project initiated
Sept. 2020 for CE&I/Construction

Scheduled Completion Date
Scheduled for Spring 2022

Completion Date
Ongoing, est. Spring 2022

Neel-Schaffer Contract
Design: $514,634
CE&I: $769,000

Client Contact

Mayor Mary Hawkins Butler
City of Madison
601.856.7116
mayor@madisonthecity.com

Local Public Agency Experience

EXPERIENCE OF THE FIRM IN PERFORMING SPECIFIC SERVICES AND EXPERIENCE IN PREPARING PROJECTS USING MDOT'S PROJECT DEVELOPMENT MANUAL.

Neel-Schaffer has provided transportation planning and design services to MDOT and other agencies since 1987. We have been under master agreement with MDOT since 1987 for traffic engineering, since 1992 for bridge engineering, and since 1994 for roadway design. For this contract, staffing includes four professionals with current MDOT Local Public Agency (LPA) certifications.

LPA ENHANCEMENT PROJECTS

- High Street Improvements, Jackson, MS
- Subconsultant to CiVilTech to reconstruct Fortification Street from I-55 to West Street, Jackson
- Fondren Area Sidewalk Improvements, City of Jackson
- Henderson Point Park, Harrison County, MS
- Chain Park, Hattiesburg, MS
- Columbus Riverwalk, Columbus, MS
- Wiggins Pathway, Wiggins, MS
- Washington Street Reconstruction, Vicksburg, MS
- Multi-use Trails for Pearl River Valley Water Supply District, Rankin County, MS
- Multi-use Trail for City of Ridgeland, MS
- Northside Drive Corridor-Widen Pinehaven Drive to five lanes from Northside to Arrow Drive. Clinton, MS
- Extension of Arrow Drive (1/2 mile) and improved intersection of Northside with Cynthia Drive to provide turn lane and bike lanes with new signal, Clinton
- Upgraded eight signals on 8th Avenue and wireless interconnect; modified Lake Drive approach and signal at intersection with SR 19; modified 33rd Avenue approach at intersection with SR 69 (added signal); completed environmental study and concept design on North Hills Street (includes a three lane and a five lane section). Meridian, MS.
- West County Line Road Phase A and B to widen and realign road west of North State Street to Brown Street at Tougaloo College, Jackson
- Two projects to install traffic signals with minor intersection improvements, Madison
- Old Canton Road Widening from Brashear Creek to Calumet Road to create a four-lane boulevard section, Madison
- Traffic signal installation at three intersections (Pear Orchard at Old Towne, Pear Orchard at Rice Road, and Ridgewood Road at Centre Street). Projects included minor intersection widening and improvements, Ridgeland
- Pearl River Valley Water Supply District Bike Path projects for Northshore Causeway and Spillway Road/SR 471.

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

LAKE HARBOUR DRIVE EXTENSION Federal Aid Project No. HPP-8323-00(004)/LPA

Burns Cooley Dennis, Inc. (BCD) performed the centerline soil profile and provided geotechnical engineering services for the design of a new bridge over I-55 for the Lake Harbour Drive Extension in Ridgeland,. The bridge over I-55 has a total length of about 415 feet and consists of four pre-stressed concrete beam spans. The approach embankments have a maximum height of about 27 feet. Pile supported cantilever retaining walls were required along the flanks of the east and west approach embankments.

Subsurface soil conditions along the alignment of the bridge and retaining walls were explored by means of six borings. Laboratory testing was performed to investigate the classifications, volume change characteristics and shear strengths of the soils encountered in the bridge and retaining wall borings. Recommendations were developed for H-pile, prestressed concrete pile, and drilled shaft foundations. Analyses were performed to evaluate the settlement and stability of approach embankments. The seismic site classification and site variability were established based on LRFD criteria, and appropriate resistance factor and load test recommendations were provided.

City of Ridgeland, MS

Role
Subconsultant

Project initiated
March 2013

Scheduled Completion Date
September 2020

Completion Date
September 2020

Project Amount (fee)
$267,000

Client Contact

Hunter Arnold, P.E.
Waggoner Engineering
601.355.9526
Hunter.Arnold@waggonereng.com

For the centerline profile, 22 soil borings were drilled totaling 160 feet in depth. These borings were taken along the centerline alignment of the proposed Lake Harbour Drive Extension. The soil borings were generally spaced at 100- to 200-foot intervals, with spacing at 100 feet in cut sections and 200 feet in fill sections. The soil borings were made to varying completion depths below the existing ground surface based upon the anticipated amounts of cut or fill. In cut sections, the borings were made to a minimum depth of approximately 5 feet below the proposed centerline finish grade, and in fill sections, the borings were made to a minimum depth of approximately 5 feet below natural ground.

Laboratory testing of the sampled soils was conducted to classify and evaluate the expansive properties of the various soils encountered. Testing consisted of sieve analyses, hydrometer analyses, Atterberg limits and volume change with shrinkage limits. This series of tests was conducted on 22 samples considered to be representative of the various soil types encountered along the alignment. In addition, testing for pH, resistivity and sulfates was conducted on seven samples that were considered representative of the in-situ soils.

Along the entire alignment of the Lake Harbour Drive Extension, BCD tabulated areas in which high volume change soils, muck, and undesirable soils were encountered. A centerline profile was provided that documents the strata of soils encountered.

BCD performed dynamic pile testing (PDA) of test/production prestressed concrete piles and provided recommendations for production pile tip elevations; and evaluation of the proposed driving system and driving criteria recommendations for production piles were based on the PDA and Wave Equation Analyses (WEAP).

BCD interpreted and provided recommendations for production shaft tip elevations using the results of the Bi-Directional load testing performed by the contractor.

Reference 1:

Tim Bryan, PE, PTOE
County Engineer
Madison County Board of Supervisors
Engineering Department
3137 South Liberty Street
Canton, Mississippi 39046
Phone – 601.790.2525
Cell – 601.573.5394
Contract dates – 07-13-17 & 04-12-19

Reference 2:

Dr. Jeffery P. Holland
Warren County Board of Supervisors
913 Jackson Street
Vicksburg, MS 39183-2519
601.634.8073
jholland@co.warren.ms.us
Contract Date - 2-3-20

Reference 3:

Kim Thurman
Mississippi Department of Transportation
Environmental Division (87-01)
P.O. Box 1850
Jackson, MS 39215-1850
kthurman@mdot.ms.gov
Phone: 601-359-7920
Contract Date - 1-4-2020

The City of Ridgeland will select a consulting engineering firm to provide engineering services for the environmental, design and right-of-way acquisition services for the Highland Commerce Drive project. The project is necessary to alleviate traffic congestion in an area of the City that continues to grow both residentially and commercially. The project will provide improved access for residential and commercial development. The project will be designed and built in accordance with Mississippi Department of Transportation (MDOT) standard specifications, using the Local Public Agency Process (LPA) and Federal Highway Administration (FHWA) guidelines. The total length of the project is approximately 1.5 miles.

Neel-Schaffer has provided environmental, design and construction phase engineering services on numerous MDOT-funded and administrated projects for cities and counties throughout the state of Mississippi. We are very familiar with the MDOT LPA process as well as MDOT standard specifications and FHWA guidelines, as shown in our Summary of Qualifications and Project Profiles included in this proposal. We have numerous staff members who have successfully completed these types of projects through contracts with cities, counties and MDOT.

Neel-Schaffer has worked on numerous MDOT-funded projects throughout Central Mississippi. We have recently completed construction on the Highland Colony Parkway – Renaissance Driveways Traffic Signal Improvements project for the City of Ridgeland. We are currently designing the reconstruction of Bozeman Road from MS 463 to Gluckstadt Road, which is an LPA project for Madison County. We recently completed the reconstruction of State Street from Hartfield Drive to Sheppard Road, which is an LPA project for the City of Jackson. We are nearing completion on another City of Jackson LPA project, West County Line Road Improvements. We have the in-house capabilities to provide technical expertise on all facets of design and construction engineering, including roadway and traffic signal design, surveying, geotechnical engineering, utility relocation, structural engineering, traffic engineering, landscape architecture, and roadway lighting design. We will use the experienced material testing technicians and laboratory staff of Burns Cooley Dennis, Inc. to provide pavement and earthwork design expertise and we will draw upon the proven talents of Maptech for survey services.

Outside of Neel-Schaffer, we have assembled a top notch team of right-of-way experts that we have worked with successfully on past projects. These team members are all experienced with MDOT roadway design projects and understand MDOT and federal guidelines and are sensitive to the urgency of important projects such as the Highland Commerce Drive project. Integrated Right of Way, LLC will right-of-way acquisition services for this project.

Environmental permitting will be handled by Headwaters, Inc.

This project will most likely require Class III Environmental Action, which will require an Environmental Assessment (EA). Public meetings will be required and coordination with MDOT Environmental Division will be key for the City to receive a “Finding of No Significant Impact” (FONSI) from FHWA. Neel-Schaffer and its subconsultant Headwaters, Inc. have completed many environmental processes for MDOT LPA projects and thoroughly understand the process and what is required to complete the Environmental Phase of the project.

Prior to initiating the development of the right-of-way plans, Neel-Schaffer will use the professional surveying skills of Maptech to collect topographic data of the project area. Maptech will also develop the maps and deeds necessary for acquisition of the ROW and easements that

will be required for construction. We will confirm the required ROW and temporary easements, develop a right-of-way acquisition map conforming to current MDOT standards, and prepare right-of-way plans. We will review these plans and maps with City staff and, once the City is satisfied with the documents, we will submit them to MDOT for review. We will schedule and participate in the field review with City of Ridgeland and MDOT. Following the field review, approval of the right-of-way acquisition map and authorization from the MDOT District LPA Coordinator, Neel-Schaffer's right-of-way acquisition team will acquire the necessary right-of-way for the City.

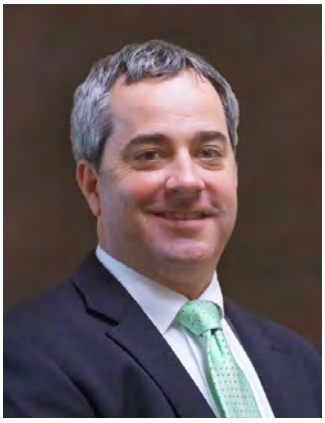
All right-of-way and necessary easements will be acquired in accordance with *49 CFR Part 24, Uniform Relocation and Assistance and Real Property Acquisition for Federal and Federally Assisted Programs, CFR Title 23 Highways, Part 710 as well as State Law covered under Title 43 Chapter 37 of the Mississippi Code and Title 43 Chapter 39 of the Mississippi Code.*

We will coordinate the development of a Plans, Specifications and Estimate (PS&E) Assembly. This package of documents, which will include construction plans, notices to bidders, special provisions, contract forms, bond forms, bidding documents, an opinion of the probable cost of construction, and numerous other documents, will be submitted to MDOT for review and approval. The PS&E Assembly, once approved, will be the basis upon which MDOT will authorize the City to advertise the project for bids. Neel-Schaffer has completed these tasks for dozens of other similar projects over the last five years. We believe our extensive and long-standing good relationships with MDOT staff members at all levels make us especially effective at preparing project documents and obtaining timely approvals.

Once MDOT authorizes advertisement, Neel-Schaffer will prepare an advertisement for the receipt of bids and will manage the distribution of bid documents, respond to inquiries from bidders, issue addenda as necessary and conduct a pre-bid conference. We will coordinate, attend and document the bid opening. We will evaluate the bids received and submit a written report to the City for approval. We will prepare a package of documents for the City to submit to MDOT to obtain concurrence in the award of a construction contract.

In summary, Neel-Schaffer stands ready to provide complete professional engineering services to the City of Ridgeland for the Highland Commerce Drive project. We have the qualifications and experience necessary to meet and exceed the City's expectations for project management, including MDOT document control, timeliness, control of construction costs, and project closeout. We have the capacity available to perform this work and look forward to serving the City by delivering the quality that City of Ridgeland expects and deserves.

Stan Wright, PE



Registrations
Professional Engineer:
Mississippi 27065

Education
Bachelor of Science, Civil Engineering,
Mississippi State University, 1995

Professional History

Mr. Wright joined Neel-Schaffer in 2016 and serves as the Engineer Manager in the firm's Madison (MS) office. He has more than 20 years of experience in design, management, and marketing of transportation and roadway projects.

Related Experience

State Street Corridor Improvements, City of Jackson, MS: Project Manager for this $23 million 'Road Diet' project that has changed a very busy 2-mile corridor. The limits of the project stretech from Hartfield Street and continue north for two miles to the intersection with Sheppard Road. Neel-Schaffer provided engineering design and CE&I services for the project, which was funded by a 2015 TIGER Grant and the City of Jackson. The project is part of the City's 'Greening the Gateways' initiative aimed at improving the rideability, safety, and aesthetics of the roadway system along North State Street. Design was completed in the fall of 2017. Construction began in 2018 and was completed in 2020. Neel-Schaffer coordinated with the City of Jackson, MDOT, and the FHWA to make sure all deadlines were met and the project stayed on track.The project included many road diet design features, roadway reconstruction and resurfacing, improved traffic signals at four intersections and one fire station, replacement or upgrades to water and sewer lines, as well as storm drainage, a multi-use trail with ADA compliance, landscaping improvements, and bioswales between the curb and multi-use trail to filter storm water.

Bozeman Road Widening, EA and Conceptual Design, Madison County, MS: Project Manager for this project to widen a heavily traveled 3-mile stretch of Bozeman Road in the City of Madison, from Gluckstadt Road to MS 463. The road will be widened to four lanes, and a multi-use path will be added. The Madison County Board of Supervisors contracted with Neel-Schaffer to perform conceptual design and environmental services. This project has required coordination with MDOT, Local Public Agency and FHWA guidelines. Neel-Schaffer completed the EA and preliminary design and is now in the ROW phase.

Gluckstadt Road Widening, Madison County, MS: Project Manager for this project to widen about 1.5 miles of Gluckstadt Road, from Bozeman Road to Distribution Drive, in the fast-growing Town of Gluckstadt in Madison County. Neel-Schaffer provided engineering design services to widen the road from three to four lanes, utility relocation plans and other local road improvements. Design was completed in 2019 and construction was completed in 2020.

Before joining Neel-Schaffer, Stan served as the Project Manager for the following projects while working for another consulting firm:

Lake Harbor Drive Extension Environmental
Lake Harbor Drive Widening
East County Line Road
Old Canton Road
East Metro Corridor

Robert Walker, PE

Registration
Professional Engineer: Mississippi 12089

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 1988

Professional History

Mr. Walker joined Neel-Schaffer in 1991 and has nearly 30 years of experience. An Executive Vice President with the firm, he is a member of Neel-Schaffer's seven-person Board of Directors. He manages the firm's Central Region, which includes 16 Mississippi offices and two subsidiary companies, and he serves as the firm's chief liaison with the Mississippi Department of Transportation.

Mr. Walker is currently managing the Long Range Plan Update for MDOT. Updates are required every five years, and this work includs updates to each of the state's Metropolitan Planning Organizations also.

Mr. Walker also managed the MDOT Statewide Ports Need and Marketing Study, and the MDOT SR 9 project that included the preconstruction activities of design, right-of-way, and utilities. He was also involved with management of the QA oversight phase during construction. This project was delivered on a very fast schedule.

Related Experience

Port Gibson Bypass Environmental Assessment: Project Manager. This is for environmental approval for the last section of the old MDOT 4-lane Highway program from 1987. The roundabouts are for a 4-lane Bypass around the East side of Port Gibson. The approved Finding of No Significant Impact was issued in 2020.

City of Jackson TIGER Grant Projects: Officer in Charge for these two urban projects totaling around $40 million. The State Street Corridor project improved State Street from the Fondren area North for nearly 3 miles to Shephard. The West County Line Road project relocated a section of Canadian National's railroad in order to elevate it on new alignment so that a connection to County Line Road can be made. State Street was completed in 2020 and West County Line Road will be completed in July.

Bozeman Road Environmental Assessment, Conceptual Design, Madison County, MS: Officer in Charge. Neel-Schaffer was contracted by the Madison County Board of Supervisors to provide conceptual design and environmental services for a project to widen heavily traveled Bozeman Road from two to four lanes over a three-mile stretch.

Statewide Multiplan Transportation Plan Update, Mississippi: Project Manager for this important project for MDOT. Provided an update to the statewide plan, the three MPO plans, and six small urban models. Last updated completed in 2015. Currently working on new update which will be completed in 2020.

Statewide Ports Need and Marketing Study, Mississippi: Project Manager for an MDOT statewide assessment that helped gather and analyze information on the current conditions and needs of the 16 public ports in the state. The project included developing standard templates that can now be used to develop communications materials in a common format for each Mississippi port.

MDOT SR 182 Corridor Study, Columbus, MS: Project Manager. Neel-Schaffer provided engineering services for a corridor study in Columbus, from Moore's Creek Road to 6th Street downtown. The purpose of the study was to collect data and then use that data to recommend improvements and traffic calming alternatives for SR 182. Mr. Walker worked with MDOT and City of Columbus officials to coordinate the study.

Keith Purvis, PE

Registration
Professional Engineer:
Mississippi 11721
South Carolina 30078,
Arkansas 17247

Certified Public Manager

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 1988

Professional History

Mr. Purvis joined Neel-Schaffer in 2011 and is a Vice President with the firm, managing Neel-Schaffer's Central Mississippi Transportation Department. Previously, he was employed with MDOT for 23 years, serving in numerous roles, including Roadway Design Division Engineer and Assistant Chief Engineer over Preconstruction.

Keith is responsible for marketing current and future clients and identifying future involvement for Neel-Schaffer's Transportation staff both inside the Central Mississippi group and for other staff in North and South Mississippi.

Keith also works with the other offices in Mississippi and assists with the sharing of projects and resources as needed in an effort to balance work. Keith provides weekly information regarding budget and progress within the Central Mississippi Transportation group as well as to Neel-Schaffer Management.

Related Experience

Widening of I-55 from Byram to McDowell, Hinds County, MS: In early 2015, Mr. Purvis provided oversight of Neel-Schaffer's efforts to assist MDOT in plan preparation for an interim project intended to complete an unfinished phase of a terminated construction contract and allow traffic to be shifted into a more desirable traffic pattern. The necessary field survey and final plans were prepared within the condensed five-week deadline established by MDOT, which allowed for the interim project to be advertised and awarded by MDOT in an expedited manner. This effort required extensive coordination with MDOT due to the project's unique nature. Neel-Schaffer later prepared plans for the completion of the ultimate improvements, which are currently under construction. The ultimate project included roadway design, retaining wall design, traffic signals, roadway lighting, and ITS elements. MDOT and Neel-Schaffer examined the contents of the plans on the initial construction project and necessary improvements, and determined the plan requirements for the final construction project.

State Street Corridor Reconstruction, Jackson MS: Mr. Purvis was deeply involved in all phases of this $19.5 million project that was completed in December 2020. He led NSI's coordination with MDOT during the initial steps of the project. His strong relationship with MDOT and the COJ then aided in the successful delivery of this project. Mr. Purvis assisted NSI and the COJ in administering the PE contract, and closely monitored progress, assuring the project's timely delivery to the construction phase. He was also involved with the construction phase and was responsible for adequate staffing of CE&I. He also validated that proper documentation was recorded in order for an expedited project closeout.

Old Canton Road Traffic Signal Improvements, Jackson, MS: Mr. Purvis was involved in both the PE and Construction phases of this project to replace the traffic signals at Old Canton Road and Lakeland Drive, the east 'entrance' into the historic Fondren District. The project was completed in December 2020. He used his relationships with MDOT and the City of Jackson to expedite plan development, review and approval leading to the advertisement and selection of a contractor. During construction, Mr. Purvis assisted NSI and the COJ in assuring the project's timely delivery to the construction phase. He also was involved with the construction phase and was responsible for adequate staffing of construction engineering and inspection. He also validated that proper documentation was recorded for an expedited project closeout.

Chad Edwards, PE

Registrations
Professional Engineer: Mississippi 19733

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 2005
Bachelor of Arts, Finance, Mississippi State University, 2003
Bachelor of Arts, Spanish, Mississippi State University, 2003

Professional History

Mr. Edwards joined Neel-Schaffer in 2020 and serves as a Transportation Engineer in the firm's Jackson (MS) office.

Chad has over 20 years of experience in the design and construction of transportation projects.

Prior to joining Neel-Schaffer, Chad worked as the Transportation Division Manager for another consulting engineering firm, where he managed the development of wide-ranging transportation related projects for local and state governments. His final project with that firm was a $25 million multilane corridor in Madison, MS.

Related Experience

FEMA Emergency Declaration 4429:

County Roads Rehabilitation, Warren County, MS: Project Engineer, Design and Construction Phase (2020). In 2019 and 2020, Warren County received record rainfall that led to flooding throughout the county. As a result of the damage, FEMA issued a disaster declaration for Warren County. Floweree, Cattlin, and Whitaker Roads were among Warren County's damaged assets. The County commissioned Neel-Schaffer to assist with the project. The project includes design and preparation of construction plans and specifications and construction engineering and inspection services. The project consists of performing full depth pavement reclamation and asphalt overlay.

Eagle Lake Shore Road Restoration, Warren County, MS: Project Engineer, Design and Construction Phase (2020). Neel-Schaffer provided design services and construction plans and specifications for the restoration of multiple sites along Eagle Lake Shore Road. Repair plans include over excavation and backfilling of eroded embankment, removal and replacement of damaged concrete culverts, and channel stabilization and plating.

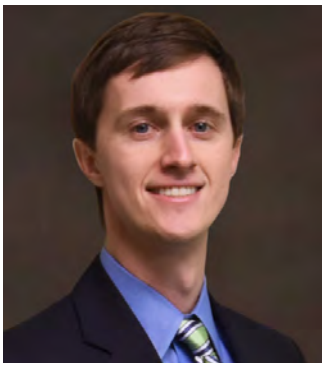
Shell Beach Road Restoration and Stabilization, Warren County, MS: Project Engineer, Design and Construction Phase (late 2020-2021). Eagle Lake flooding caused substantial shoreline erosion and severely undermined the adjacent Shell Beach Road. Working for Warren County, Neel-Schaffer is leading the efforts to restore and stabilize the slope separating Eagle Lake's shoreline and Shell Beach Road. Upon completion of the bank stabilization, efforts to rebuild Shell Beach Road will be undertaken.

Ceres Boulevard Extension, Warren County (MS) Port Commission: Project Engineer, Construction Engineering Phase. This project included design and construction engineering of 0.25 miles of roadway for future expansion of the CERES Industrial Complex.

Before joining Neel-Schaffer, Chad served as the Project Manager for the following projects while working for another consulting firm:

Lake Harbor Drive Extension Design
East Lake Harbor Drive Rehabilitation
Rice Road Extension Design
Byram-Clinton Corridor
Reunion Interchange Phase A

Reid Haygood, EI



Registrations
Engineer Intern: Mississippi 28288

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 2017

Professional History

Mr. Haygood joined Neel-Schaffer in 2019 and has over three years of roadway design and project management experience. He is an Engineer Intern III in the firm's Transportation Department and has contributed to several projects providing plan preparation to DOT standards, construction management, construction inspection, ADA design, drainage design, LPA coordination, traffic control plans, and signing and pavement marking plans. Reid is well versed in Microstation, GEOPAK, AutoTURN, AutoCAD, ArcGIS, and he is quickly learning roadway design using OpenRoads.

Related Experience

State Street Reconstruction CE&I, Jackson, MS: Engineer Intern. Project included the reconstruction of State Street from Hartfield Street to Sheppard Road. Reid helped prepare the project's closeout documents over the course of construction. Documents included shop drawing binders, final quantity binders, and testing binders. He also checked the Inspector's documentation and calculations to the Contractor's monthly pay estimates to ensure accurate monthly payments for the work performed.

Capitol Street Improvement Project, Phase 2 Design and CE&I, Jackson, MS: Project Manager/Inspector. The project involves new sidewalk, landscaping, lighting, drainage upgrades, and roadway base repair along Capitol Street between Lamar Street and West Street. Responsibilities include completing all MDOT LPA forms, plan preparation, ADA design, storm drain design, and coordination with multiple stakeholders including the City of Jackson (owner), MDOT, Downtown Jackson Partners, surrounding business owners, and multiple utility companies. Reid is in charge of construction engineering, daily inspection, and project documentation during the construction phase.

Capitol Street Improvement Project, West Street to State Street Design, Jackson, MS: Engineer Intern. Reid is responsible for the design and plan production for the sidewalk improvements along Capitol Street. Heavy coordination with business owners is necessary to make sure proposed improvements works well with building aesthetics. Reid also aided in the coordination with Entergy to determine proposed lighting locations and power sources for lights.

Lower Spillway Road Overlay Design and CE&I, Madison & Rankin Counties, MS: Engineer Intern/Inspector. Reid prepared construction plans and compiled specifications for the base repair and overlay of 2.9 miles of Lower Spillway Road. Reid created the plan set using AutoCAD, calculated quantities, conducted field measurements, participated in project review meetings, and helped progress the project through MDOT's Local Programs process on behalf of the Pearl River Valley Water Supply District. During the construction phase, Reid helped inspect the Contractor's work, helped track daily quantities, and compiled the project's closeout documentation.

Main Street at 2nd Street Improvements Design and CE&I, Columbus, MS: Engineer Intern. The project involves converting a two-way stop-controlled intersection into a miniature roundabout at the intersection of Main Street and 2nd Street. Reid was responsible for assembling Field Review Plans, Office Review Plans, and project specifications. He helped design the intersection layout, pavement marking plan, drainage, the detour plan, and sidewalk grading. Reid aided the Engineer by answering technical questions for the Contractor during the bidding and construction phases.

Ira Turner, SCET

Certifications
Senior Certified Engineering Technician

Education
Associate of Arts, Drafting And Design
Hinds Junior College, 1988
Associate of Arts, Community College of the Air Force, Construction Technology, Human Resource Management, 2015

Professional History

Mr. Turner joined Neel-Schaffer in 2017 and has over 25 years of experience as lead designer and design team member for a variety of highway design projects.

He has extensive knowledge of preliminary and final plan design for transportation related projects and has CADD experience using Geopak and MicroStation.

In addition to working for two other private consultants before joining Neel-Schaffer, Ira worked for 11 years with MDOT.

Related Experience

State Street Corridor Improvements, Jackson, MS: Design team member for project to reconstruct a busy area of State Street, from Hartfield Street to Sheppard Road. This 'Complete Streets' project is designed to improve the rideability, safety, and aesthetics of the roadway. Will included wider sidewalks, bike-pedestrian facilities, and new improved drainage. Construction began in January 2018.

Bozeman Road Widening, Madison County, MS: Design team member for the reconstruction and widening of two miles of high-capcity, two-lane roadway. Will add lanes and a multi-use trail.

With Previous Employers:

East Metro Corridor Commission, Transportation and Development Corridor between Hwy 25 and I-20, Rankin County, MS: Developed preliminary and final design plans.

MDOT Phase A Bridge Design, SR 487- 3 Bridges, Leake County, MS: Developed preliminary and Final ROW plans.

MDOT Phase A Bridge Design, SR 149 - Three Bridges between SR 13 and US 49, Simpson County, MS: Develop preliminary and Final ROW plans.

Old Canton Road, Madison County, MS: Design team leader for the reconstruction of 1.5 miles of existing two-lane roadway into a five-lane curb-and-gutter roadway.

I-10 at SR 601, Harrison County, MS: Design team member for a directional Interchange, with the relocation, widening, and signal improvements of city streets.

Airport Parkway, Hinds and Rankin Counties, MS: Design team member of a parkway that would connect the City of Jackson with the International Airport.

US 61, Adams County, MS: Design team member for the design of a Continuous Flow Intersection at intersection of Junkin Drive at US 61.

Ridgewood Road, Madison County, MS: Design team leader for the widening and signal improvements at the intersection of US 51.

Nissan Interchange North Connector, MS, MDOT: Design team member for the construction of the north connector roadway.

Mississippi SR 35, Smith County, MS: Mapping field survey data that would be for the future design of SR35.

SR 6 at I-55, Panola County, MS: Design team leader for the reconstruction of the existing interchange.

Mark Sorrell, PE, PTOE

Registrations
Professional Engineer: Mississippi 19483; Arkansas 19049

Certifications
Certified Professional Traffic Operations Engineer (PTOE) 3187

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 2004
Master of Science, Civil Engineering, Clemson University, 2006

Professional History

Mr. Sorrell joined Neel-Schaffer in 2006 and has worked on a variety of traffic engineering and transportation planning projects for MDOT and numerous local governments throughout Mississippi.

He has provided traffic signal timing services for some of Mississippi's most heavily traveled corridors, including Lakeland Drive in Jackson, Hardy Street in Hattiesburg, and SR 609 in Ocean Springs. Additionally, he has designed traffic signals and traffic signal modifications in Laurel, Oxford, Columbus, and Southaven as well as for MDOT along US 98 in George County and US 49 in Forrest County. He also served as project engineer on the replacement or upgrade of 28 signalized intersections in downtown Meridian. Mr. Sorrell has provided transportation planning services analyzing several major interstate corridors for MDOT.

Related Experience

Capitol Street Central Business District (CBD) Traffic Study, Jackson, MS: Traffic Engineer. Services included guidance on ADA sidewalk treatment design and installation as well as traffic signal review for pedestrian and vehicular operations. The traffic study included an analysis of the Central Business District traffic flow and intersection capacities for three daily peak hours. Potential future traffic generators were identified and their anticipated impacts were incorporated in the analysis. In addition, trip distribution and assignment was evaluated to determine the impacts that converting Capitol Street from one-way to two-way operation would have on circulation downtown. The study included the use of the traffic analysis package Synchro to evaluate future conditions and to identify potential modifications to the traffic signal timings currently in use.

Hoy Road Traffic Noise Model, Madison: Traffic Engineer. Services included developing a traffic noise model and report as part of the environmental assessment. Project tasks included field data collection of existing traffic noise, development and calibration of models built in the FHWA Traffic Noise Model software, and the preparation of a traffic noise study report.

US Highway 80 Signal Upgrades, Pearl, MS: Traffic Engineer Provided design and construction engineering services for replacing five signalized intersections along Highway 80. Services included developing plans, developing traffic signal timing plans, serving as project engineer during construction, and ensuring the project was completed according to MDOT LPA Division requirements.

I-20 and I-55 South Feasibility Study, Jackson, MS: Traffic Engineer. Services included establishing existing traffic patterns and operations, analyzing crash history, projecting design year traffic volumes, identifying potential capacity and safety improvements, and analyzing design alternatives.

I-20 Improvements at Norrell Road Interchange, Hinds County, MS: Traffic Engineer. Services included traffic volume projections and analysis, preparation of an Interchange Modification Request, and preliminary designs for traffic signal improvements. Traffic volumes and analyses were performed for existing conditions and design year conditions with and without the proposed improvements. The study area extended from Bolton, MS, to Clinton, MS, and included four interchanges along the I-20 corridor and a portion of the Natchez Trace Parkway.

Jimmy Shirley, PE

Registrations
Professional Engineer: Mississippi 7558

Education
Bachelor of Science, 1971, Civil Engineering, Mississippi State University

Professional History

Mr. Shirley joined Neel-Schaffer in 2000 and has over 40 years of experience in the planning, design, construction and maintenance of transportation projects.

Based in the firm's Jackson (MS) office, Jimmy serves as a Senior Engineer mainly on environmental and planning studies for highway, county road and city street transportation projects. He has extensive technical and project experience in preparing Environmental Assessments and Re-evaluations in the preparation of planning studies.

Mr. Shirley also has experience in preparing Traffic Control Plans, Conceptual and Permanent Signing Plans, and contract documents for Construction Projects.

Prior to joining Neel-Schaffer, he served 29 years with the Mississippi Department of Transportation, working in Construction Engineering and Inspection in the Third District, Traffic Engineering in the Central Office, and Administration in the Third District.

Related Experience

MDOT Location-Environmental Study for Interstate 20 in and near Vicksburg, MS: Prepared an Environmental Assessment. Assisted in coordinating the required studies and prepared the assessment. The FHWA approved a FONSI, completing the study. The approved alternative would ultimately: reconstruct and widen the mainline lanes of I-20; reconstruct the interchanges between US 61 South and US 61 North/SR 27; and, reconstruct, widen or provide a one-way frontage road/collector distributor road system between the interchanges at Halls Ferry Road and US 61 North/SR 27.

City of Madison (MS) Environmental Study for Hoy Road: Prepared a Re-evaluation of a FONSI. Assisted in coordinating the required studies and prepared the re-evaluation. The conclusion of the re-evaluation was to recommend a Build Alternative requiring less right of way impacts for the reconstruction and/or widening of Hoy Road between US 51 and Honeysuckle Drive. The FHWA approval of the re-evaluation completed the study.

US 61 Environmental Assessment Port Gibson, MS: Senior Engineer. Environmental Assessment for MDOT. Performed or assisted in coordinating the studies required for constructing a new four-lane US 61 bypass and reconstructing an existing two-lane portion of US 61 to five lanes which in combination would connect completed US 61 four-lane divided sections south and north of Port Gibson. A Preliminary Environmental Assessment was approved by the FHWA for presentation at a public hearing. The Build Alternative was well received at the public hearing, enabling advancement of the study to preparing a Final Environmental Assessment for the Build Alternative.

I-59 Feasibility Study, Laurel, MS: Senior Engineer for this feasibility study contract for MDOT. Identified the impacts of possible interchange ramp closures along I-59 from 4th Avenue to Masonite Road in a way that the information could be used in preparing an Interstate Access Request.

Haley Streuding, RPA

Certifications

Professional Archaeologist: 32026903
Conservation Certificate
Advanced Open Water Scuba
Open Water Scuba

Education

Master of Arts, Anthropology with Nautical Archaeology concentration, Texas A&M University, 2014
Bachelor of Arts, Anthropology, with History minor University of Southern Mississippi, 2007
Bachelor of Arts, Paralegal Services, with Political Science minor, University of Southern Mississippi, 2001

Professional History

Ms. Streuding joined Neel-Schaffer in 2020 and is a Registered Professional Archeaologist, based in the firm's Biloxi (MS) office. She has 14 years of experience in the Archeaological field, providing a wide variety of services on projects around the world. She has assisted in several marine geophysical surveys and data acquisition, as well as marine remote sensing data interpretation. She has authored numerous draft and final reports in adherence of Section 106 Compliance.

In 2007-08, Haley served as an Archaeological Lab/Field Technician for the University of Southern Mississippi in Hattiesburg. Also in 2008, she served as an Archaeological Field/Lab Tech for the U.S. Forest Service in the DeSoto National Forest in South Mississippi.

From 2009-2011, Haley worked as an Assistant Conservator for the Texas A&M Conservation Research Laboratory. In this role, she conserved hundreds of artifacts fashioned from various materials such as metal, wood and clay, from land and underwater sites; served as an artifact photographer; created artifact cards documenting conservation treatments; and documented conservation process of artifcats and the results of treatment in lab reports.

From 2011-2013, she served as the head Archaeological Resource Advisor for the National Park Service during the BP Oil Spill Cleanup. Her primary responsibilities included archaeological monitoring of cleanup activities, training new personnel on monitoring and field techniques to comply with standard emergency response regulations, conducting training seminars for Operations supervisors and oil spill cleanup technicians on the treatment and protection of natural and cultural resources within the Gulf Islands National Seashore, and providing technical archaeological assistance in a variety of areas related to or impacted by the archaeological function, including Section 106 compliance, clearance, and planning.

In 2014, Ms. Streuding worked as a Principle Investigator for Pritchett Engineering and Planning, LLC, where she directed several Phase I cultural resources surveys, site delineation, and prepared technical reports. Additionally, she prepared budget proposals and cost estimates for potential clients.

From 2015 to 2020, Haley worked for Coastal Environments, Inc., in the firm's Biloxi office. She began as a Field Archaeologist, directing Phase I archaeological surveys, as well as conducting archaeological monitoring throughout the south and southeast. She was promoted to Project Manager within two years and oversaw multiple terrestrial and marine archaeological projects. She participated in data recovery and site mitigation projects, including human burial excavations.

Related Experience

Interstate 110 Interchange-Rodriguez Street Improvements, Harrison County, MS: Principal Investigator. Conducted a Phase I cultural resources survey and prepared final report for Covington Civil and Environmental.

MDOT SR 42 Bridge Replacement: Project Manager and primary author for a Phase I cultural resources survey for a proposed bridge replacement in Perry County, MS report for Covington Civil and Environmental, LLC.five coastal areas in Hancock, Harrison, and Jackson Counties. Also, coauthored the reports for each area. The survey was performed for Covington Civil and Environmental, LLC, and the Mississippi Department of Environmental Quality (MDEQ).

Cindy Rich, PE

Registrations
Professional Engineer: Mississippi 9413; Louisiana 35210; South Carolina 33811; Arkansas 19278

Education
Bachelor of Science, Civil Engineering, University of Mississippi, 1980

Professional History

Ms. Rich joined Neel-Schaffer in 1993 and serves as Manager of the Structures Department for the firm's Jackson (MS) office. She has extensive experience in the design of major, complex concrete, steel bridges, and hydraulic structures. She is a certified bridge inspector who has played a lead role the last eight years in our firm's Fracture Critical/Complex Bridge Inspections and Load Rating program.

Complex bridge design projects include MS 302 directional interchange at Germantown Road near Olive Branch, 1-10 across Bayou Enceinte, and Jourdan River on the Mississippi Gulf Coast, US Highway 82 across the Mississippi River near Greenville, and I-269 in north MS.

She has been involved extensively with the review of shop drawings for both structural steel and concrete structures, and the rating of over 1,000 bridges for MDOT.

Related Experience

2017-2021 MDOT Bridge Master Contract: Project Manager. Manager for all scoping, contract negotiations, plan design and development and construction phases services for three-year IDIQ On-Call Master Contract. Coordinated all task orders with MDOT. From 2017 to date, Neel-Schaffer has received 14 work assignments. These included six Phase B design projects and eight Phase C construction services assignments. The project scopes included bridge replacements on new alignment, replacement of a bridge adjacent to a large reservoir with a box culvert as well as a project requiring a special design box culvert. Neel-Schaffer anticipates a NTP for an assignment involving interstate bridge widening forthwith. The Phase C services contracts were for bridge construction submittal and RFI reviews and retaining wall submittals.

Widening of I-55 from Byram to McDowell, Hinds County, MS: Structural Engineer Manager. The interstate was widened from two lanes to three lanes. A total of 11 retaining walls were required to improve constructability of the project. Soldier pile walls were used at locations where widening of the roadway cut into the existing frontage road side slopes. These walls utilized closely spaced steel or concrete piles with a cast-in-place concrete stem. The piles reinforced the side slopes to prevent slides while weak roadway base soils were removed. One cast-in-place concrete T-wall on a pile-supported footing was used to prevent roadway fill from spilling over onto the frontage road. A soil nail wall was used to shorten the front slope of an existing bridge to accommodate widening of the roadway.

MS 463 Strawberry Bridge, Madison, MS: Engineer Manager. Grade separation bridge along MS 463 over CNRR and Hoy Road in Madison. The bridge consists of two continuous curved steel girder units with spans of 170'-200'-170' and 170'-200'-200'-170'. The bridge width (gutter to gutter) is typically 84 feet, except at the beginning of the first unit where the width varies and is also in super-elevation transition. The bridge includes raised sidewalks and a raised median. Each bent location is skewed 35 degrees and consists of two adjacent "hammer-head" type piers with parabolic varying depth caps which give the appearance of a two-column arched bent. Shapes, patterns and colors for the entire bridge were coordinated to match similar architectural schemes throughout the city. All components were designed using AASHTO LRFD Bridge Design Specifications.

Kevin Kennedy, PE

Registrations

Professional Engineer: Georgia 27292; Mississippi 9913; Florida 5566; Alabama 2369; Tennessee 110197

Education

Bachelor of Science Civil Engineering, Mississippi State University, 1981
Master of Engineering, Civil Engineering, Mississippi State University, 1984

Professional History

Mr. Kennedy joined Neel-Schaffer in 1995 and has nearly 37 years of experience as a Structural Engineer, primarily in the design of bridges. He also has been involved in the design of buildings, wharves, airports, locks and dams, water and wastewater treatment facilities, offshore oil facilities, and flood control and erosion control structures.

Mr. Kennedy's responsibilities included producing and checking design calculations, preparing contract plans and specifications, preparing preliminary cost estimates, reviewing shop drawing submittals and developing correspondence for obtaining permits, right-of-way, surveys, soil borings, engineering studies or other information required for planning and design of projects. He has also prepared modifications and clarifications involving all engineering disciplines during the construction of projects.

Related Experience

Continental Parkway Bridge, Hinds County, MS: Lead structural engineer for a new bridge along the north frontage road of I-20 west bound, near the Norrell Road Interchange. The bridge provides access over a KCS rail line (Meridian Subdivision) and Little Baker's Creek to the main entrance of the new Continental Tire plant west of Clinton. The existing railroad and existing frontage road alignments were highly skewed in relation with each other, thus, to minimize the span length required over the railroad right of way, the bridge was laid out in an "S" shape to facilitate a more normal crossing angle. The total length of the bridge is approximately 1,650 feet and is comprised of 13 prestressed beam spans. All beams are 72" prestressed bulb tees. Simple supported spans were used in the (reverse) curvature on each end of the bridge, four 125 feet long and six 135 feet long. One 3-span continuous-for-LL straight unit with lengths of 100'-140'-100' was used over the railroad crossing with the interior bents skewed approximately 41 degrees. The end spans of this unit are trapezoidal. Substantial effort was devoted to the geometrics (namely, the superelevation transition) because of the "S" shape of the bridge. All intermediate bent columns were founded on 4'-6" diameter drilled shafts.

SR 9 Bridge over Red Hills Mine Road, Choctaw County, MS: Lead Structural Engineer. Design services for a grade crossing bridge along State Route 9. To avoid the design of bridge piers that would be subject to collision by one large mine hauling vehicles, it was decided to design a 140-foot long one-span bridge supported by 30-inch diameter pipe piles contained in vertical fills at the abutments. The vertical fills are retained by geogrid-reinforced heavy block (Redi-Rock) wall systems. The bridge width consists of 2~12' lanes and 2~10' shoulders. Prestressed Florida I-beams (FIBs) 63 inches tall were used in the span, which is in a curved and tangent alignment, with slightly skewed (3 degrees) ends. The maximum heights of the retaining wall systems are 42 feet beneath the bridge and taper down at approximate 3:1 slopes outside the edges of the bridge. Traffic was maintained during construction of the bridge and walls by means of a temporary detour road.

Keith Carr, PE

Registrations
Professional Engineer: Mississippi 11705; South Carolina 33731; Georgia 14134

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 1988

Professional History

Mr. Carr joined Neel-Schaffer in 2012 after retiring from the Mississippi Department of Transporation with 25 years of service as a Structural Engineer in the Bridge Division. He serves as a Structural Engineer in the Jackson (MS) office and is also an integral member of our Fracture Critical/Complex Bridge Inspections and Load Rating team.

At MDOT, Mr. Carr was the State Bridge Engineer at retirement, responsible for bridge, structural, and hydraulic design, bridge design and construction project management, as well as management of the bridge load rating and inspection program and the MDOT National Bridge Inspection inventory system.

Mr. Carr also developed and managed the MDOT Statewide Bridge Replacement and Prioritization Program. He has been a member of the AASHTO Subcommittee on Bridges and Structures and served on the AASHTO SCOBS Technical Committee T-17 Welding.

Related Experience

Widening of I-55 from Byram to McDowell, MDOT, Hinds County, MS: Senior Structural Engineer. As part of the interstate widening from two lanes to three lanes, a total of 11 retaining walls were required to improve constructability of the project. Soldier pile walls were used at locations where widening of the roadway cut into the existing frontage road side slopes. These walls utilized closely spaced steel or concrete piles with a cast-in-place concrete stem. The piles reinforced the side slopes to prevent slides while weak roadway base soils were removed. One cast-in-place concrete T-wall on a pile-supported footing was used to prevent roadway fill from spilling over onto the frontage road. A soil nail wall was used to shorten the front slope of an existing bridge to accommodate widening of the roadway. Work performed included independent design and plan QC Review.

Mississippi Department of Transportation Bridge Design Division, 2015-2016 Bridge Load Rating Project: Senior Structural Engineer. Completed Load Ratings for 445 interstate bridges in the following Mississippi counties: Carroll, Clarke, Copiah, Desoto, Forrest, Grenada, Hancock, Harrison, Hinds, Holmes, Jackson, Jasper, Jones, Lamar, Lauderdale, Lincoln, Madison, Montgomery, Newton, Panola, Pike, Rankin, Scott, Tate, Warren, Yalobusha and Yazoo; Design Specifications: AASHTO Standard and LRFD Bridge Design Specifications, AASHTO Manual for Bridge Evaluation; Program Utilized: Standard and LRFD Bridge Design Specifications, AASHTO Manual for Bridge Evaluation; Program Utilized: AASHTOWare Bridge Rating (BrR).

Old Taylor Road Bridge Widening over SR6, Lafayette County, MS MDOT: Senior Structural Engineer for widening the existing Old Taylor Road Bridge over SR 6 in Lafayette County. Bridge type: Prestressed Concrete Girder Spans with Concrete Frame Bents, historically inspired concrete/metal pedestrian railing with architectural accoutrements, Specifications: AASHTO Standard Bridge Design Specifications, Programs Utilized: CONSPAN, RCPIER, Developed Spreadsheet Design Aids, Performed Bridge Design, Plan Development & Construction Submittal Reviews.

Chris Pesnell, PS, CFedS

MAPTECH, INC
Surveying | Mapping | Remote Sensin

Registrations

Professional Surveyor: MS 3021, AR 1643, GA 3456, OK 1728, KY 4009, TN 3015; AL 38870, CFedS 1448

Professional Photogrammetrist: Oregon 80725

Education

Land Surveying degree, University of Wyoming College of Engineering, 2009

Professional History

Mr. Pesnell is the President of Maptech, a sister firm to Neel-Schaffer, Inc., and a wholly owned subsidiary of Neel Schaffer Engineers & Planners.

Chris joined Maptech in 2000 and has more than 27 years of experience as a Professional Surveyor and Manager, with capabilities in all facets of land surveying, including cadastral, planimetric, geodetic, hydrographic and CADD mapping applications. He has completed the Certified Federal Surveyor Program and has completed drone LiDAR and Photogrammetry training.

He is also experienced in all aspects of surveying for roadway and bridge projects. He has managed as many as eight survey crews.

Chris has managed many task orders issued by the Mississippi Department of Transportation through Survey Master Contracts Maptech has held with MDOT since 2007. He has great relationships with MDOT personnel and a great understanding of what MDOT needs.

Related Experience

Individual Property Surveys and Descriptions for Hoy Road, City of Madison, MS: Project required performing individual property surveys and descriptions of over 50 parcels for the proposed widening of Hoy Road in the City of Madison. Each parcel was surveyed on the ground and a signed and sealed plat and deed was prepared and submitted to the Client. All surveying was performed in accordance with the Standards of Practice as defined by the State of Mississippi Board of Licensure for Professional Engineers and Surveyors.

MDOT Yazoo River Topographic/ Hydrographic Survey, Yazoo County, MS: Project Manager. Maptech provided Topographic and Hydrographic services along a one-mile section of State Route 16/149 in northwest Yazoo County for design purposes for a new bridge over the Will H. Whittington Channel of the Yazoo River. Primary project control points, provided by the Mississippi Department of Transportation, were utilized to establish temporary secondary control during the initial visits to the site. A flood plain profile, approximately 4,000 feet in length, was recorded beginning at the west levee and terminating at the east levee of the Channel. Next, Maptech personnel began preparing equipment to acquire mulit-beam hydrographic survey data along a 2,500 foot section of the channel once the topographic survey was completed. A crane was used to lower and raise the boat in/out of the channel due to impassable obstacles upstream and downstream of the project site. Maptech personnel worked with MDOT officials to close the bridge to traffic while the crane was in use.

MDOT IM-0055-02(246)–106023/109000 Interstate 55 South between Interstate 20 and Byram, MS: Served as Project Manager of a project performed as a subconsultant under Neel-Schaffer's 2014 Master Contract, included updating existing construction as-built data of drainage structures, paving sections, foundations for lighting structures, bridges, and "ITS" structures throughout the project limits. Due to the stringent schedule for this assignment, Maptech's personnel communicate daily with the engineering staff at Neel-Schaffer to provide regular updates of drawing files with the latest data in order to expedite the design process and to meet the Department's schedule.

A. E. (Eddie) Templeton, PE

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

Registrations
Professional Engineer -

Mississippi, 1984

Alabama, 1991

Arkansas, 1992

Texas, 1999

Louisiana 2009

Education
M.S. in Civil Engineering
Mississippi State University 1984

B.S. in Civil Engineering
Mississippi State University 1978

Professional History

Mr. Templeton has over 40 years of experience in the geotechnical engineering profession. His advanced education includes an M.S. degree in Geotechnical Engineering from Mississippi State University. Prior to joining Burns Cooley Dennis, Inc. in 1991, he served for nine years at the Vicksburg District USACE and for two years at Tensar Earth Technologies. He is experienced in a wide variety of engineering projects including bridges, roadways, retaining walls, earth slide remediation, navigation structures, flood control structures, earth dams, single and multi-story buildings, wastewater treatment facilities, industrial facilities, towers, tanks and landfills. He has been responsible for all phases of geotechnical investigations and analyses.

Roads and Bridges. Mr. Templeton has considerable experience in geotechnical investigation and design for roads and bridges and associated embankment fills. His responsibilities have included the planning and coordination of field and laboratory investigations, analyses of driven and cast-in-place pile capacities, the evaluation of embankment stability and settlement, and the design of staged construction sequence for embankments over weak compressible soils. Mr. Templeton has had geotechnical responsibilities for MDOT design-build projects for U. S. Highway 90 bridge over St. Louis Bay, SR 21, I-20 bridge widening in Lauderdale and Newton Counties and I-55 bridge widening in Pearl River County.

Slopes and Embankments. Mr. Templeton has considerable experience in evaluating the stability and settlement of earth slopes and embankments. He actively participated in the design of dikes, levees and channel improvements at Swan Lake in the Yazoo Basin. The design incorporated vertical drains, horizontal reinforcement, and staged construction to achieve the desired dike, levee, and channel geometries.

Deep Foundations. Mr. Templeton has considerable experience in the design and evaluation of pile foundation systems for commercial buildings, hydraulic structures, industrial complexes and bridges. He is familiar with current design methodologies for axial and lateral loading of both driven and cast-in-place pile. Mr. Templeton has planned, coordinated and interpreted static pile load tests on driven and cast-in-place piles. He has designed drilled shafts for the support of bridges using FHWA design methodologies. Lateral analyses require iterations to determine required shaft diameter, steel reinforcement and corresponding pile stiffness to satisfy allowable deflection criteria. He was involved in monitoring of foundation construction at the Bernard Bayou Bridge in Biloxi, Mississippi. The project included drivability studies, pile driving evaluation using the Pile Driving Analyzer, conventional static load tests of two 24-in. prestressed concrete piles and one Osterberg load cell test of a 60-in. diameter cylinder pile. He participated in fully instrumented pile load tests at Lock and Dam No. 2, Red River Waterway, Louisiana, which consisted of 26 pile load tests and included compressive and tensile loadings. He assisted in the preparation of documentation for the computer program COM624G for the analysis of laterally loaded piles.

Randy Ahlrich, PH.D., PE

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

Registrations
Professional Engineer: MS (10181)

Education
Doctor of Philosophy, Auburn University, Civil Engineering, 1995

Master of Science, Mississippi State University, Civil Engineering 1990

Bachelor of Science, Mississippi State University, Civil Engineering 1983

Professional History

Dr. Ahlrich has over 37 years experience in the civil engineering profession with emphasis in the areas of pavement design and construction, geotechnical engineering, materials testing and research. Dr. Ahlrich has provided technical assistance to the Army, Air Force, Navy, U.S. Forest Service, MDOT, FHWA, FEMA and FAA on numerous military, state, and federal pavement systems. He has been responsible for planning, developing and coordinating all phases of pavement investigations, inspections, evaluations, designs and research. Dr. Ahlrich has experience in materials testing, asphalt and concrete mix designs, pavement design, pavement construction and pavement evaluation. He has been responsible for conducting subsurface investigations, forensic pavement investigations, Marshall and SUPERPAVE asphalt mix designs, concrete mix designs, pavement inspections and evaluations, structural pavement designs, and trouble-shooting construction and material problems.

Dr. Ahlrich is Principal In-Charge and Manager of construction materials testing and inspection services for Burns Cooley Dennis, Inc. Dr. Ahlrich has supervised and managed several large, fast-track construction projects that involved significant earthwork construction, concrete construction, asphalt placement, bridge construction and chemical stabilization. Dr. Ahlrich has coordinated several investigations and developed subgrade profiles for several highway, state roads, streets and airport projects. The results of the subgrade profiles have been used to estimate CBR values that have been utilized to conduct structural pavement designs.

Dr. Ahlrich served as senior pavement engineer for research studies focused on materials characterization and prediction of permanent deformation of heavy duty asphalt pavements. Laboratory investigations involved development and evaluation of aggregate particle shape and texture tests, and evaluation of rutting potential of hot mix asphalt mixtures using the confined dynamic creep test and wheel tracking device. Guidance and limiting criteria were developed to insure high quality rut resistant hot mix asphalt pavements.

Dr. Ahlrich has also been active in technology transfer. He has served as an instructor and speaker on numerous seminars and workshops on pavement design, construction, rehabilitation, maintenance and repair. Dr. Ahlrich has been an instructor in several ACI and MCIA seminars emphasizing the design and construction of concrete parking lots. Dr. Ahlrich is also active in teaching and monitoring MDOT, MAPA, MCIA, and ACI certification programs for asphalt and concrete materials technicians.

Robert Varner, PE

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

Registrations
Professional Engineer: MS 13614; AL 31745

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 1992

Certifications
ACI Grade 1 Field Testing
ACI Aggregate Level 1
ACI Concrete Strength Testing
ACI Adhesive Anchor Installer
MOOT Class 3 Concrete

Professional History

Mr. Varner has been involved in the construction industry for over 35 years with experience in training and certification, concrete materials testing, research, special inspections, forensic investigations, concrete pavement design, association management, and metal building design. Robert is responsible for concrete pavement design, concrete testing, and special inspections for Burns Cooley Dennis, Inc. (BCD).

Robert is active in technology transfer and has provide presentations for seminars offered by the Mississippi Concrete Industries Association and the ACI Mid-South Chapter. Robert is a guest lecturer and provides classroom instruction in fundamentals of concrete and quality control testing for the construction materials class offered by the Department of Civil and Environmental Engineering at Mississippi State University.

He is a voting member of three ACI technical committees including; committee 330 for Concrete Parking Lots and Site Paving, 522 for Pervious Concrete, and 610 for Technician Certification. Robert is the current Chairman of committee 330 and has served two consecutive terms. This committee is responsible for maintaining two documents including; Guide for the Design and Construction of Concrete Parking Lots (ACI 330R-08) and Specification for Unreinforced Concrete Parking Lots and Site Paving (ACI 330.1-14). This committee has also developed and new document “Guide for the Design and Construction of Concrete Site Paving for Industrial and Trucking Facilities” under his leadership.

Mr. Varner is responsible concrete materials testing for BCD. Robert reviews all concrete field and laboratory test reports and is responsible for maintaining high quality concrete testing services and high competency levels for AASHTO laboratory accreditation.

Mr. Varner is responsible for special inspections at BCD. These services include inspection of pre-cast concrete bridges for the Mississippi Office of State Aid Road Construction and commercial buildings under the International Building Code. Robert reviews special inspection reports drafted by BCD engineers and technicians and assists with these inspections as needed. Robert is also an approved inspector for the National Ready Mixed Concrete Association’s plant certification program.

Mr. Varner is responsible for concrete pavement design and routinely recommends thickness design for streets, roadways, and site paving. He also uses AutoCAD to provide jointing layouts and details for construction of concrete pavements.

Mr. Varner worked at Gulf States Manufacturers where he gained experience in computer aided drafting (CAD) and metal building design. He used CAD to generate shop drawing for fabrication and construction drawings for installing anchor bolts and erection drawings for metal building systems. His design experience includes commercial buildings, warehouses, and manufacturing facilities.

Kevin Williams, PE

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

Registrations
Professional Engineer: MS 18338

Education
Masters of Science, Civil Engineering, Mississippi State University, 2012

Bachelor of Civil Engineering, Auburn University, 2001

*He also manages personnel training and AMRL accreditation for asphalt, soils and aggregate materials.

Professional History

Mr. Williams has over 20 years in the civil engineering profession. In 2001, he began his career with the National Center for Asphalt Technology (NCAT), where he had previously worked as a laboratory technician during his undergraduate studies at Auburn University. As a research engineer at NCAT, Mr. Williams managed laboratory and field testing for various hot mix asphalt research projects.

His primary area of focus was the design of open graded friction courses (OGFCs). Other areas of research included evaluations of antistrip materials, Superpave gyratory compactor angle and assisted on National Cooperative Highway Research Program (NCHRP) studies 9-9 (Refinement of the Superpave Gyratory Compaction Procedure) and 9-27 (HMA in-place Air Voids, Lift Thickness and Permeability).

In addition to performing HMA testing, Mr. Williams instructed and performed laboratory demonstrations for various technology courses. He also served as instructor for Alabama DOT Aggregate Technician Course and Florida DOT Asphalt Plant Level I and Asphalt Paving Level I.

He also had the responsibility of evaluating new materials testing equipment and methods, which included automated methods to determine fine aggregate specific gravity.

From 2004 to 2006, Mr. Williams performed estimating duties for Hudson Company of Tennessee, a general contracting company. As an estimator, he conducted pre-bid site inspections, performed site and building takeoffs, solicited subcontractor bids and assisted in bid preparation and submittal.

In 2006, Mr. Williams became a Materials Engineer with Materials Services, APAC, Inc. in Smyrna, Georgia. While at Materials Services, Mr. Williams performed asphalt and concrete mix design verifications for the Federal Aviation Administration (FAA), Departments of Transportation (DOTs) and commercial projects, wrote FAA P-401 mix design submittals, assisted with personnel training, and managed research projects. Research projects included the evaluation of various antistrip materials and the evaluation of a fiber source to reduce asphalt draindown.

In 2006, Mr. Williams joined Burns Cooley Dennis, Inc. in Ridgeland, Mississippi, where he presently serves as Asphalt Materials Engineer. His duties include managing asphalt materials laboratory and field testing services for MDOT, Office of State Aid Road Construction, county, FAA, FHWA and commercial projects. These services include asphalt materials sampling and quality control (QC), quality assurance (QA), and asphalt binder testing.

Mr. Williams has conducted a number of geotechnical and pavement explorations on airfields and residential, commercial, industrial, MDOT, Office of State Aid Road Construction roadways in order to provide engineering recommendations.

He has designed and reviewed numerous asphalt mix designs for FAA, Office of State Aid Road Construction, county, and commercial projects.

Mr. Williams has conducted and managed asphalt materials field and laboratory testing for research projects. Areas of research include asphalt lift thickness, aggregate cleanliness, asphalt absorption, RAP characteristics, and permeability.

Marcos V. F. Rodrigues, PE

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

Registrations
Professional Engineer:

Mississippi – 2011 (20264)

Education
B.S. - Civil Engineering
University of Mississippi 2006

Professional History

Mr. Rodrigues has been engaged in the field of geotechnical engineering for over 14 years. Prior to joining Burns Cooley Dennis, Inc. in 2006, he served for two years as a survey crew manager at ESA Engineering and Systems, Inc., and for three years as a Lieutenant Commander Engineer for the Brazilian Army. He is experienced in a wide variety of engineering projects including bridges, roadways, retaining walls, earth dams, single and multi-story buildings, industrial facilities, towers, tanks and forensic investigations. He has been responsible for all phases of geotechnical investigations, analyses and reporting.

Mr. Rodrigues' engineering experience related to roads and bridges includes: planning field and laboratory investigations; preparation of geotechnical reports and specifications; analyses of driven and cast-in-place pile capacities; monitoring and interpreting static pile load tests; performing dynamic pile testing (PDA) and computing pile capacity using CAPWAP; evaluating pile driving systems using Wave Equation Analyses (WEAP) and developing pile driving criteria for production piles; performing Low Strain Pile Integrity Testing (P.I.T.) to evaluate the general structural integrity of deep foundation elements; evaluating embankment stability and settlement; evaluating liquefaction potential, lateral spreading and seismic stability of slopes; and application of LRFD design methodology to transportation structures.

Some of the projects on which he has worked include:

- Design/Build Bridge Widening Projects along I-55, I-59 and I-20, Mississippi (10 Design/Build Projects from 2010 to 2020). Mr. Rodrigues was responsible for supervising and coordinating subsurface investigations; developing recommendations for test pile tip elevations based on soil borings and pile driving records from the original construction; for the performance of dynamic pile testing (PDA) of test piles and recommendations for production pile tip elevations; and evaluating the proposed driving system and recommending pile driving criteria for production piles based on the PDA and Wave Equation Analyses (WEAP);
- State Route 9 Design-Build Project in Pontotoc County, Mississippi. Mr. Rodrigues was the project geotechnical engineer responsible for the preparation of geotechnical reports including pile design and verification using dynamic pile testing, drilled shaft design and verification using Osterberg load testing, stability analysis of embankment fill slopes and cut slopes and settlement analyses of embankments.
- Lake Harbour Extension Bridge over I-55, Hinds County, Mississippi. Mr. Rodrigues was the project geotechnical engineer responsible for supervising and coordinating subsurface investigations and laboratory testing, and the preparation of the geotechnical report including drilled shaft and driven pile capacity, determination of seismic site classification and PGA, slope stability and settlement analyses. The bridge design was performed in accordance with LRFD (Load Resistance Factor Design).

Kevin Terry

Certifications
ACI Concrete Field Testing Grade 1

Troxler Nuclear Gauge Testing

Hazmat Certification

Experience
26 years of CMT Services

Professional History
Burns Cooley Dennis, Inc., 2001-2002 & 2005-present

MDOT 1996-2005

Michael Bolton

Certifications
ACI Concrete Field Testing Grade 1

Troxler Nuclear Gauge Testing

Hazmat

Experience
26 years of CMT Services

Professional History
Bums Cooley Dennis, Inc., 2005-present

MDOT 1996-2005

Greg Peeples

Certifications
ACI Concrete Field Testing Grade 1

ACI Aggregate Level 1

ACI Laboratory Level I

ACI Strength Testing

Troxler Nuclear Gauge Testing

Hazmat Certification

Experience
33 years of CMT Services

Professional History
Burns Cooley Dennis, Inc., 2008 - present

Michael Baker, Jr., Inc. – 1997 - 2008

G. Wayne Gardner Engineering – 1988 - 1997

Stephen Kachelman

Certifications
ACI Concrete Field Testing Grade 1

ACI Strength Testing

APNGA Portable Nuclear Gauge Safety

Hazmat Certification

OSHA 30-hour Safety and Health

Experience
2 years of CMT Services

Professional History
Burns Cooley Dennis, Inc., 2021 - present

SoilTech – 2019-2020

David R. Cooper

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

Certifications

Nuclear Density Safety Training

Radiation Safety Officer

Experience

36 years of CMT Services

Professional History

Bums Cooley Dennis, Inc., 2007-present

Gallet & Associates 1999-2007

Heck Industries 1994-1996

Ground Engineering 1990-1994

Anderson Engineering 1987-1990

Rone Engineering 1986-1987

Alpha Testing 1985-1986

Jimmy Seay

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

Certifications

Hazmat Certification

ACI Concrete Field Grade I

ACI Aggregate Level I

ACI Laboratory Level I

MOOT Certified Asphalt Technician Level I

MOOT Certified Asphalt Technician Level 2

MOOT Certified Mix Design Technician

Experience

40 years of CMT Services

Professional History

Bums Cooley Dennis, Inc., 2001-present

Mississippi Department of Transportation 1987-2001

Mississippi State Highway Department 1974-1979

Walt Dinkelacker

Certifications

Wetland Delineation Training – 1987 Corps Manual Wetland Plant Identification
Kansas City Southern Railway Co. (On-Track Safety) Power Safe Training
Safe Gulf & Safe Land USA

Education

Bachelor of Science in Environmental Science; Chemistry Minor
Delta State University – 2002

Specialties

- Wetland Delineation
- Environmental Compliance and Regulatory Consultation
- Environmental Clearance Coordination for Economic Development Sites Phase I Environmental Site Assessments
- NEPA Documentation
- Compensatory Wetland Mitigation Planning and Development
- Wetland Resource Management
- SWPPP and BMP Design
- SWPPP and Project Management
- Baseline Documentation Reports (BDR) for Conservation Easement/Servitudes

Related Experience

Headwaters, Inc., 2005 – Present – Vice President: Headwaters, Inc. is a natural resource and environmental management consulting firm headquartered in Ridgeland, Mississippi, with a satellite office in Tupelo, Mississippi. Headwaters offers an integrated approach to natural resource and environmental management and has provided management and consulting services to numerous clients across the southeastern United States since 1988. Additionally, Headwaters is highly qualified in the areas of environmental management, regulatory compliance, wetland mitigation banking, storm water management, forest management and ecosystem management.

As Vice President and Environmental Coordinator, my responsibilities include personnel and project management of environmental operations. Duties include the supervision of company operations, personnel, project management and client relations.

Other duties and abilities include: perform wetland delineations and determinations throughout the southeastern United States including projects within the Vicksburg, New Orleans, Mobile, Fort Worth, Galveston and Tulsa, U.S. Army Corps of Engineers District Regulatory Boundary. Design, approve and implement compensatory wetland mitigation banks in addition to permittee responsible wetland mitigation projects in conformance with U.S. Army Corps of Engineers Regulatory Program. Prepare National Environmental Policy Act (NEPA) documentations. Conduct Phase I Environmental Site Assessments (ESA) in conformance with standards developed and published by the ASTM International as ASTM Standard Practice for Environmental Site Assessments (Designation 1527E-13). Design and complete management of Storm Water Pollution, Prevention Plans (SWPPP) with compliance of General NPDES Construction Storm Water Permitting. Development of Baseline Documentation Reports (BDR) in association with Conservation Easements/Servitudes.

Pickering Inc., 2002 - 2005 - Environmental Scientist. Environmental Scientist. Responsible for Wetland Delineations, Nationwide, General and Individual Permits, Mitigation Plans, NEPA Environmental Assessments, Phase I Environ- mental Site Assessments, Phase II Environmental Site Assessments (soil and groundwater sampling), Indoor Air Quality (mold) Assessments, Remediation Protocols, Threatened and Endangered Species Assessments, Noise and Air Monitoring, Asbestos Inspections, Project Coordinator, Business Development/Marketing, Strategic Planning.

J. Clay Cromwell

Certifications

Wetland Delineation Training – 1987 Corps Manual (Oct 2001) Wetland Plant Identification (Biotic Consultants, Inc. Oct 2001) Forestry Leadership Workshop
Canadian National FRA 214 Railroad Workplace Safety (On-Track Safety) Kansas City Southern Railway Co. (On-Track Safety)
Power Safe Training
Safe Gulf & Safe Land USA

Education

Bachelor of Science in Forestry , Louisiana State University – 2001

Specialties

- Wetland Delineation
- Environmental Compliance and Regulatory Consultation
- Phase I Environmental Site Assessments
- NEPA Documentation
- Compensatory Wetland Mitigation Planning and Development
- Wetland Resource Management
- SWPPP and BMP Design
- SWPPP and Project Management
- Baseline Documentation Reports (BDR) for Conservation Easement/Servitudes

Related Experience

Headwaters, Inc., 2002 – Present – Vice President: Headwaters, Inc. is a natural resource and environmental management consulting firm headquartered in Ridgeland, Mississippi, with a satellite office in Tupelo, Mississippi. Headwaters offers an integrated approach to natural resource and environmental management and has provided management and consulting services to numerous clients across the southeastern United States since 1988. Additionally, Headwaters is highly qualified in the areas of environmental management, regulatory compliance, wetland mitigation banking, storm water management, forest management and ecosystem management.

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Other duties and abilities include: perform wetland delineations and determinations throughout the southeastern United States including projects within the Vicksburg, New Orleans, Mobile, Fort Worth, Galveston and Tulsa, U.S. Army Corps of Engineers District Regulatory Boundary. Consultation with pertinent state and federal regulatory offices for the acquisition and management of environmental permitting. Design, approve and implement compensatory wetland mitigation banks in addition to permittee responsible wetland mitigation projects in conformance with U.S. Army Corps of Engineers Regulatory Program. Prepare National Environmental Policy Act (NEPA) documentations. Conduct Phase I Environmental Site Assessments (ESA) in conformance with standards developed and published by the ASTM International as ASTM Standard Practice for Environmental Site Assessments (Designation 1527E-13).

Mississippi Department of Marine Resources, 2001 - 2002 - Environmental Scientist: Review, investigate, and make recommendations on applications for coastal wetland permits under the laws and regulations of the Coastal Wetlands Protection Law. Conduct field surveys of coastal habitats to review wetland delineation reports and determine the anticipated wetland loss with respect to proposed projects. This would also include consultation with applicants identifying compensatory mitigation requirements, state and local permits that would be required. Coordinate with state and federal regulatory agencies, developers, environmental consultants, and the general public on wetland preservation and development. Ensure environmentally sound development on the Mississippi Gulf Coast by enforcing state and federal regulations and guideline as per the Mississippi Coastal Program.

Lang Kirkwood

Certifications

Hazwoper 40 Hour Certification
PowerSafe Utility Contractor Safety Training
Certified Erosion Control Inspector

Education

Bachelor of Science in Biological Science
Mississippi State University – 1998

Associate Arts in Biological Science Jones County Junior College

Specialties

- Threatened & Endangered Species Surveys
- Wetland Delineations
- Phase I ESAs
- Section 404 USACE Wetland Permitting
- Wetland & Stream Mitigation
- NEPA Compliance

Related Experience

Headwaters, Inc. – Project Manager July 2018 – Present:

• Manage all aspects of natural resources based environmental permitting
• Develop, update, maintain plans and permits
• Conduct compliance inspections for plans/permits
• Coordinate Section 404 /401 permitting with appropriate regulatory agencies
• Coordinate with clients, supervisors, and/or field personnel to ensure consistency with data and deliverables
• Assist with performing wetland delineations and phase I environmental site assessments
• Participate in all phases of wetland and stream mitigation
• Responsible for making effective strategic recommendations for resource management based on sound science and regulatory knowledge
• Assist with the preparation of NEPA documents

Thompson Engineering – Project Manager November 2007 – June 2018:

• Prepared numerous NEPA documents
• Prepared and presented public briefings on the status of projects during the NEPA process and feasibility studies
• Assisted with numerous wetland delineations and biological surveys
• Performed numerous Phase I ESAs throughout the state of Mississippi.
• Coordination with federal and state agencies as part of project management duties
• Coordinate with clients, supervisors, and/or field personnel to ensure consistency with data and deliverables
• Manage all aspects of natural resources based environmental permitting
• Develop, update, maintain plans and permits
• Conduct multimedia compliance inspections for plans and permits

Mississippi Military Department – Natural Resource Specialist October 2003 – October 2007:

• Assisted with the management of natural and cultural resources for the agency
• Prepared numerous NEPA documents
• Coordination with federal and state agencies as part of project management duties
• Sensitive species surveys within the DeSoto National Forest and other training lands
• Ensure compliance with all applicable regulations

Jennifer Rigby, MAI

Licenses

Mississippi, Jennifer Rigby, GA-561, Expires July 2022

Education

B.B.A., University of Mississippi, 1994
Southeastern School of Commercial Lending, Honor Graduate, 2004
Successfully completed real estate and valuation courses approved by the Appraisal Institute, accredited universities and others.

Professional History

Director for Integra Realty Resources - Jackson. Actively engaged in real estate valuation, consulting, and review since 1994. Experience in the valuation of apartments (conventional, Low Income Housing Tax Credit (LIHTC), federally financed, assisted properties), office, retail, shopping centers, religious facilities, residential property, vacant land, and industrial property. Valuations have been performed for eminent domain, estate and financing purposes. Experience includes ten years as the Appraisal Review Officer for a regional community bank and four years as a loan officer. Review experience includes primarily community and neighborhood shopping centers, self-storage facilities, office buildings, retail fuel facilities, hotels, motels, apartments, industrial, vacant land and commercial and residential subdivision development.

Professional Activities & Affiliations

Member: Appraisal Institute, MS Chapter, January 2008

Member: IR/WA

Treasurer: IR/WA, Mississippi Chapter 40, 2017

Member: Appraisal Institute (MAI), February 2016

Treasurer: Appraisal Institute, Mississippi Chapter, 2017

Vice President: Appraisal Institute, Mississippi Chapter, 2020

Member: Appraisal Institute (AI-GRS), April 2020

James O. Turner II, MAI

Education

B.B.A Degree, Delta State University, 2003
Successfully completed real estate and valuation courses approved by the Appraisal Institute, accredited universities and others.

Professional History

Managing Director for IRR- Jackson. Mr. James Turner, MAI has held a Mississippi Real Estate Broker's License and has been a long standing member of the National Association of Realtors, the Appraisal Institute, and a current member of IRWA Chapter 40. He is currently licensed as a Certified General Real Estate Appraiser (GA-854). Mr. Turner is proficient in income models, linear regression and statistical analysis, feasibility studies, cost analysis, and sales comparison analysis. He is experienced in retail commercial, hotel commercial, religious facilities, office commercial, industrial, agricultural, land, subdivision, and single-family and multi-family residential properties. Mr. Turner has completed multiple Right-of-Way acquisition appraisals for proposed and existing roadways and public easements. Mr. Turner has the abilities and knowledge to work closely with project engineers and attorneys throughout any public improvement design and acquisition process and is available to aid in feasibility analysis driven design to minimizing property damages, right of entry agreements for survey and planning purposes, appraisal, appraisal review, acquisition, and settlement negotiation processes.

Licenses

Mississippi, Certified General Real Estate Appraiser, GA 854, Expires July 2021

Louisiana, Certified General Appraiser, G4056, Expires December 2021

Texas, Certified General Real Estate Appraiser, TX 1380657 G, Expires October 2022

Tennessee, Certified General Real Estate Appraiser, 5417, Expires October 2021

Kansas, Certified General Real Property Appraiser, G 3254, Expires June 2021

Oklahoma, Certified General Real Estate Appraiser, 13427CGA, Expires July 2022

Alabama, Certified General Real Property Appraiser, G01427, Expires September 2021

Arizona, Certified General Real Estate Appraiser, CGA 1006370, Expires January 2022

New York, Certified General Real Estate Appraiser, 46000052785, Expires September 2021

Virginia, Certified General Real Estate Appraiser, 4001017889, Expires February 2022

Kentucky, Certified General Appraiser, 5493, Expires June 2021

South Carolina, Certified General Appraiser, 7926, Expires June 2022

Arkansas, State Certified General Appraiser, CG 4292, Expires August 2021

Professional Activities & Affiliations

Member: National Association of Realtors, July 2003

Member: Mississippi Association of Realtors, July 2003

Appraisal Institute, Associate Member Appraisal Institute, January 2004

Member: International Right of Way Associations, January 2014

Member: Jackson Association of Realtors, January 2005

Member: Jackson Multiple Listing Service, January 2004

Vice President: Urban Renewal District Board, June 2014

Appraisal Institute, Member (MAI) , January 2017

John R. Praytor, MAI, AI-GRS

Education

B.B.A. Degree, Delta State University, 1990
M.B.A. Degree, Delta State University, 1992
Successfully completed real estate and valuation courses approved by the Appraisal Institute, accredited universities and others.

Professional History

Executive Director for INTEGRA REALTY RESOURCES - JACKSON. Actively engaged in real estate valuation and consulting since 1987. Extensive experience in the valuation of regional malls, community/neighborhood shopping centers, office buildings - CBD and suburban, warehouse/distribution, multi-family (including CBD condominium development), hotels and motels, vacant land and special purpose properties. Clients served include banks and financial institutions, developers and investors, law firms, business/industry and government, and mortgage bankers. Valuations have been performed for condemnation purposes, estate and financing. Experience is concentrated in metropolitan properties including office buildings, industrial buildings, apartments, senior housing, shopping centers, convenience stores, health facilities, condemnation, and litigation support.

Licenses

Mississippi, Certified General Real Estate Appraiser, GA-369, Expires December 2021 Louisiana, Certified General Real Estate Appraiser, G3897, Expires December 2021 Tennessee, Certified General Real Estate Appraiser, 5234, Expires August 2022

Arkansas, State Certified General Appraiser, CG-4346, Expires August 2021

Virginia, Certified General Real Estate Appraiser, 4001017616, Expires November 2021 Alabama, Certified General Real Property Appraiser, G01465, Expires September 2021 Arizona, Certified General Real Estate Appraiser, CGA-1009401, Expires June 2022

New Mexico, General Certified Appraiser, 03736-G, Expires April 2022

Texas, Certified General Real Estate Appraiser, TX 1380652 G, Expires July 2022

California, Real Estate Appraiser License, 3007837, Expires September 2022

Florida, Certified General Real Estate Appraiser, RZ4203, Expires November 2022

Missouri, State Certified General Appraiser, 2020040039, Expires June 2022

Professional Activities & Affiliations

Realtor of the Year, Jackson Association of Realtors, January 2009 - December 2009
President: Board of Directors of the Jackson Association of Realtors, January 2008 - December 2008

President: Jackson Multiple Listing Service, January 2011 - December 2011

Vice President: Board of Directors of the Jackson Association of Realtors, January 2007 - December 2007

Member: National Association of Realtors, August 1987

Member: Jackson Board of Realtors, July 1994

Member: Mississippi Association of Realtors, August 1987

Member: Board of Directors of the Jackson Multiple Listing Service, January 2002 - December 2003

Member: Board of Directors of the Jackson Association of Realtors, January 2006 - December 2006

Member: National Association of Realtors Appraisal Committee, January 2009 - December 2012

Member: National Association of Realtors Multiple Listing Issues & Policies Committee, January 2009 - December 2011

Member: National Association of Realtors Research Committee, January 2010 - December 2012

Appraisal Institute, Member (MAI) , April 2015

P. Caleb Koonce, J/D

Education

The University of Mississippi School of Law
Oxford, MS
Juris Doctor, May 2011

Mississippi State University Starkville, MS, Bachelor of Sciences December 2007, Major: Psychology, Forensic Psychology Concentration

Work Experience

General Counsel / Title Coordinator, IROW – JACKSON, MS 2015 – PRESENT

Actively engaged in real estate consultation and acquisition support since July 2018. Experience includes assistance in the valuation process, right of way acquisitions, relocation, and due diligence support. Experience is concentrated in metropolitan and suburban properties, including vacant land, right of way, easements, special project properties, and litigation support.

Associate Attorney, July 2012 – June 2018, Bell & Associates, P.A., Jackson, MS

- Represented litigation clients in the fields of Family Law, Contract Disputes (Plaintiff and Defense), Personal Injury (Plaintiff and Defense), Election Contests, Criminal Law, Debt Collection, Bankruptcy, Worker's Compensation, Torts, Securities Violations, Clearing Title Clouds and Other Title Issues, and various other subspecialties;
- Represented clients in Business Acquisitions, Business Registration, Drafting Wills, Purchase Sale Agreements, Real Property Acquisitions and Closings, and various other general non-litigation;
- Helped manage day-to-day business tasks of the Firm;
- Associated on several complex cases;
- Recorded Cases:
  - Hays v. Alexander, 114 So.3d 704 (Miss. 2013)
  - Glenn v. Powell, 149 So.3d 480 (Miss. 2014)
  - Basil v. Browning et al.; 175 So.3d 1289 (Miss. 2015)

University of Southern Mississippi Institute for Disability Studies, Jackson, MS

Project Coordinator for HousingSmart: Next Generation, a federally funded Fair Housing Equal Opportunity grant, January 2012 – July 2012

- Provide training and technical assistance to consumers, community agencies, and state agencies on fair housing issues;
- Educate individuals, including people with disabilities and housing providers of their rights under federal fair housing laws;
- Author proposals for funding from federal agencies;
- Oversee day-to-day implementation of project goals and objectives.

Greg M. Thompson, R/W

Education

Bachelor of Arts in Philosophy 1998, Belhaven College – Jackson, MS

Experience and Expertise

Project Management; Right of Way Acquisition; Regulatory Permitting; Property Management; Land and Tax Research; Waiver Valuation; Claim Settlement

PROFESSIONAL MEMBERSHIPS AND POSITIONS:

Member of International Right of Way IRWA 2015 - Present

Past President – 2018-2019

R/W - Designation

WORK EXPERIENCE:

LEAD ACQUISITION AGENT & RELOCATION MANAGER, IROW – JACKSON, MS 2015 – PRESENT Project manager and lead ROW acquisition agent performing; land roll analysis, negotiation and acquisition of easements right of way, partial release and waiver valuation, deed preparation, damage settlement and post construction landowner follow-up.

PERMIT AGENT, RESOURCE ACQUISITION SERVICES, LLC (RAS) – RIDGELAND, MS 2010 – 2013 Supervised five permit agents, negotiating access permissions for Denbury Resources, a national oil and gas exploration company. Negotiated use permits of surface and/or mineral rights for individual and corporate landowners; city, county and state government agencies; and other regulatory authorities. Supervised seismic crews for conditional and regulatory compliance through all phases of seismic data acquisition. Negotiated and assessed damage claims and implemented settlement – always within or under budget.

PETROLEUM LANDMAN, THOMPSON PETROLEUM, LLC – JACKSON, MS 2004 – 2010

Contractor for oil and gas leasing for numerous small independent energy exploration companies in Mississippi and surrounding states. Negotiated leases and performed basic title abstracting, direct/reverse indices, sectional indices, land roll, tax roll, and title chain work.

MANAGING MEMBER, THOMPSON PROPERTIES, LLC – JACKSON, MS 2003 – 2011

Owner of profitable real estate company that purchased multi-family residential rental and restored single-family residences in Belhaven. Served as general contractor, performing plumbing, electrical and carpentry work. In multi-family properties, managed applicant screening, maintenance, bookkeeping and all business operations. Converted properties into single family with partnership lease option. Worked with Greater Belhaven Historic Preservation Commission in ensuring compliance with architectural restrictions.

Kamesha Brown Mumford

Licenses

Mississippi Bar Association - 2007
Louisiana Bar Association - 2012

Education

Mississippi College School of Law, Jackson, MS — J.D., 2007
Mississippi State University, Starkville, MS — B.A., 2003

Experience

Municipal Court Judge, City of Canton, MS — July 2013-Present: I preside over misdemeanor and civil traffic offenses that occur in the City of Canton and impose sentences when individuals are found guilty. I also preside over arraignments and preliminary hearings for felony offenses that occur within the City of Canton.

Owner, Mumford Title, LLC — May, 2021-Present: I handle residential and commercial real estate transactions and complex land litigation across the state of Mississippi.

Partner, Mumford & Mumford, PLLC — October 2018-Present: I draft and argue motions, conduct discovery, and participate in every stage of litigation. I represent clients across the states of Mississippi and Louisiana.

In-House Counsel, USAssets, LLC — November 2011-October 2018: I handled an active litigation caseload of nearly 200 files. My practice consisted of primarily real property and tax issues, and I participated in every phase of litigation, including but not limited to, the drafting of the suit, participating in discovery, drafting and arguing motions, and trial. I also drafted and negotiated contracts on behalf of the company and offered legal advice on a variety of issues. I reviewed title abstracts and conducted title examinations and advised the company regarding same. I collaborated with management to devise efficient defense strategies and communicated with opposing counsel, public officials, and property owners, creating relations of trust. I was responsible for monitoring proposed legislation in Mississippi and Louisiana that may affect the tax buying

industry and regularly met with law makers and government officials during and after the legislative session regarding same. I regularly appeared in chancery court to confirm tax sales and in justice court on eviction matters. I was also responsible for managing staff and an operational and office budget. I drafted and negotiated contracts on behalf of the company and advised the company on human resources and employment matters.

Tax Ombudsman, Madison County Chancery Clerk — 2007-November 2011

I worked to ensure that the Chancery Clerk and County were in compliance with all applicable state and federal laws as they relate to tax sales, tax sale noticing, and due process. I prepared legal memos for the Clerk and Board of Supervisors on a myriad of legal issues affecting the County and Clerk's office and also acted as a liaison between the tax purchaser, property owner, and the county.

Memberships

Mississippi Municipal Judges Association- President 2017-2018

Board of Directors, Dress For Success Metro Jackson- General Counsel

Capital Area Bar Association

Magnolia Bar Association

Leadership Greater Jackson, 2013

Leadership Madison County, 2010

Delta Sigma Theta Sorority, Incorporated- Jackson, MS Alumnae Chapter

Jack and Jill of America, Incorporated, Jackson, MS Chapter- Treasurer

The Links, Incorporated, LeFleur's Bluff Chapter- Financial Secretary

John B. "Jeb" Stewart

Licenses

Mississippi Bar Association - 2007
Louisiana Bar Association - 2012

Education

BBA received in Business from Mississippi State University – 1986

Work Experience

John B. Stewart, Real Estate Appraiser and Consultant, LLC – Owner – August 2007 to present - Specializing in Right of Way Appraisal and Review Appraisal assignments on various ROW projects

Madcon Appraisal Group, LLC – Co-owner - August 2007 to July 2011 – Specializing in Right of Way Appraisal and Review Appraisal assignments on various ROW projects. Madcon Appraisal Group, LLC was dissolved this past year due to the co-owner becoming 100% disabled.

Independent Fee Appraiser – July 2005 to present

Appraiser/Review Appraiser – Gulf Coast Property Acquisition, Inc. – February 2002 to July 2005; Review appraiser on major highway projects for Louisiana, Alabama and Mississippi Departments of Transportation. Real Estate Appraiser for expert court testimony for Mississippi Department of Transportation on outstanding court cases.

Review Appraiser – Mississippi Department of Transportation – July 1999 to February 2002 - Staff review appraiser for MDOT on major highway projects statewide

Appraiser – Mississippi Department of Transportation – November 1988 to July 1999 - Staff Appraiser for MDOT projects on generally more complex appraisals statewide

Experienced in Appraisal of all types of real property including special purpose, agricultural, industrial, residential, and commercial properties in Mississippi since 1988, Alabama since February 2002, and Louisiana since February 2005.

Experienced in Appraisal Review of all types of real property including special purpose, agricultural, industrial, residential, and commercial properties in Mississippi since 1999, Alabama since February 2002, and Louisiana since February 2005.

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM NAME (OR BRANCH OFFICE)			3. YEAR ESTABLISHED	4. DUNS NUMBER
Neel-Schaffer, Inc. (Madison, MS)			1983	03-581-2143
2b. STREET			5. OWNERSHIP	
215 Waterford Square			a. TYPE: Corporation	
2c. CITY	2d. STATE	2e. ZIP CODE	b. SMALL BUSINESS STATUS	
Madison	MS	39110	No	
6a. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (If block 2a is a branch office)	
Keith O'Keefe, PE, Senior Vice President			Neel-Schaffer, Inc. 125 South Congress St., Ste. 1100 Jackson, MS 39201	
6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS			
601-898-8118	keith.okeefe@neel-schaffer.com			
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1)Firm	c. No. of Employees (2) Branch
2	Administrative	33	1
7	Biologist	0	0
8	CADD Technician	42	3
12	Civil Engineer	55	7
15	Construction Inspector	58	1
16	Construction Manager	9	0
21	Electrical Engineer	1	0
23	Environmental Engineer	7	0
3	Aerial Photographer	0	0
27	Water Resources Engineer	9	0
29	Geographic Information System Specialist	3	0
30	Geologist	5	0
32	Hydraulic Engineer	7	0
24	Environmental Scientist	3	0
38	Land Surveyor	8	0
39	Landscape Architect	4	0
4	Aeronautical Engineer	4	0
47	Planner: Urban/Regional	7	0
48	Project Manager	25	0
52	Sanitary Engineer	2	0
55	Soils Engineer	0	0
57	Structural Engineer	22	0
60	Transportation Engineer	59	0
	Other Employees	34	0
	Total	397	12

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
A05	Airports; Navaids; Airport Lighting; Aircraft Fueling	5
B02	Bridges	6
D02	Dams (Earth; Rock); Dikes; Levees	2
E09	Environmental Impact Studies; Assessments or Statements	3
E12	Environmental Remediation	6
H07	Highways; Streets; Airfield Paving; Parking Lots	8
I06	Irrigation; Drainage	2
L02	Land Surveying	4
L03	Landscape Architecture	3
P06	Planning (Site, Installation, and Project)	3
R04	Recreation Facilities (Parks, Marinas, Etc.)	2
R11	Rivers; Canals; Waterways; Flood Control	3
S04	Sewage Collection; Treatment and Disposal	7
S07	Solid Wastes, Incineration, Landfills	4
S13	Storm Water Handling & Facilities	4
T05	Towers (self-Supporting and Guyed Systems)	5
T03	Traffic & Transportation Engineering	7
W02	Water Resources; Hydrology; Ground Water	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR THE LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	10
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1	Less than $100,000	6	$2 million to less than $5 million
2	$100,000 to less than $250,000	7	$5 million to less than $10 million
3	$250,000 to less than $500,000	8	$10 million to less than $25 million
4	$500,000 to less than $1 million	9	$25 million to less than $50 million
5	$1 million to less than $2 million	10	$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE January 1, 2021

c. NAME AND TITLE

Keith O'Keefe, PE, Senior Vice President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(if any)*

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM NAME (OR BRANCH OFFICE)	Neel-Schaffer, Inc.
3. YEAR ESTABLISHED	1983
4. DUNS NUMBER	14-772-1229
2b. STREET	125 South Congress Street, Suite 1100
5. OWNERSHIP a. TYPE	Corporation
2c. CITY	Jackson
2d. STATE	MS
2e. ZIP CODE	39201
b. SMALL BUSINESS STATUS	No
6a. POINT OF CONTACT NAME AND TITLE	Keith O'Keefe, PE, Senior Vice President
6b. TELEPHONE NUMBER	(601) 948-3071
6c. E-MAIL ADDRESS	keith.okeefe@neel-schaffer.com
7. NAME OF FIRM (If block 2a is a branch office)	Neel-Schaffer, Inc. 125 South Congress St., Ste. 1100 Jackson, MS 39201
8a. FORMER FIRM NAME(S) (If any)	
8b. YR. ESTABLISHED	
8c. DUNS NUMBER	

9. EMPLOYEES BY DISCIPLINE

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. No. of Employees (1)Firm	c. No. of Employees (2) Branch	a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
2	Administrative	33	11	A05	Airports; Navaids; Airport Lighting; Aircraft Fueling	5
7	Biologist	0	0	B02	Bridges	6
8	CADD Technician	42	7	D02	Dams (Earth; Rock); Dikes; Levees	2
12	Civil Engineer	55	5	E09	Environmental Impact Studies; Assessments or Statements	3
15	Construction Inspector	58	6	E12	Environmental Remediation	6
16	Construction Manager	9	0	H07	Highways; Streets; Airfield Paving; Parking Lots	8
21	Electrical Engineer	1	1	I06	Irrigation; Drainage	2
23	Environmental Engineer	7	1	L02	Land Surveying	4
3	Aerial Photographer	0	0	L03	Landscape Architecture	3
27	Water Resources Engineer	9	0	P06	Planning (Site, Installation, and Project)	3
29	Geographic Information System Specialist	3	0	R04	Recreation Facilities (Parks, Marinas, Etc.)	2
30	Geologist	5	4	R11	Rivers; Canals; Waterways; Flood Control	3
32	Hydraulic Engineer	7	1	S04	Sewage Collection; Treatment and Disposal	7
24	Environmental Scientist	3	0	S07	Solid Wastes, Incineration, Landfills	4
38	Land Surveyor	8	0	S13	Storm Water Handling & Facilities	4
39	Landscape Architect	4	0	T05	Towers (self-Supporting and Guyed Systems)	5
4	Aeronautical Engineer	4	0	T03	Traffic & Transportation Engineering	7
47	Planner: Urban/Regional	7	0	W02	Water Resources; Hydrology; Ground Water	5
48	Project Manager	25	0			
52	Sanitary Engineer	2	0			
55	Soils Engineer	0	0			
57	Structural Engineer	22	7			
60	Transportation Engineer	59	9			
	Other Employees	34	0			
	Total	397	52			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR THE LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	10
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1	Less than $100,000	6	$2 million to less than $5 million
2	$100,000 to less than $250,000	7	$5 million to less than $10 million
3	$250,000 to less than $500,000	8	$10 million to less than $25 million
4	$500,000 to less than $1 million	9	$25 million to less than $50 million
5	$1 million to less than $2 million	10	$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE January 1, 2021

c. NAME AND TITLE

Keith O'Keefe, PE, Senior Vice President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(if any)*

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM NAME (OR BRANCH OFFICE)	Neel-Schaffer, Inc. (Gulf Coast-Biloxi), MS
3. YEAR ESTABLISHED	1983
4. DUNS NUMBER	84-431-1147
2b. STREET	772 Howard Avenue
5. OWNERSHIP a. TYPE	Corporation
2c. CITY	Biloxi
2d. STATE	MS
2e. ZIP CODE	39530
b. SMALL BUSINESS STATUS	No
6a. POINT OF CONTACT NAME AND TITLE	Steve Twedt, PE, Senior Vice President/South Mississippi Area Manager
6b. TELEPHONE NUMBER	(228) 374-1211
6c. E-MAIL ADDRESS	Steve.twedt@neel-schaffer.com
7. NAME OF FIRM (If block 2a is a branch office)	Neel-Schaffer, Inc. 125 South Congress St., Ste. 1100 Jackson, MS 39201
8a. FORMER FIRM NAME(S) (If any)	
8b. YR. ESTABLISHED	
8c. DUNS NUMBER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees (1)Firm	c. No. of Employees (2) Branch	a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
2	Administrative	33	1	A05	Airports; Navaids; Airport Lighting; Aircraft Fueling	5
7	Biologist	0	0	B02	Bridges	6
8	CADD Technician	42	3	D02	Dams (Earth; Rock); Dikes; Levees	2
12	Civil Engineer	55	3	E09	Environmental Impact Studies; Assessments or Statements	3
15	Construction Inspector	58	9	E12	Environmental Remediation	6
16	Construction Manager	9	0	H07	Highways; Streets; Airfield Paving; Parking Lots	8
21	Electrical Engineer	1	0	I06	Irrigation; Drainage	2
23	Environmental Engineer	7	0	L02	Land Surveying	4
3	Aerial Photographer	0	0	L03	Landscape Architecture	3
27	Water Resources Engineer	9	0	P06	Planning (Site, Installation, and Project)	3
29	Geographic Information System Specialist	3	0	R04	Recreation Facilities (Parks, Marinas, Etc.)	2
30	Geologist	5	0	R11	Rivers; Canals; Waterways; Flood Control	3
32	Hydraulic Engineer	7	0	S04	Sewage Collection; Treatment and Disposal	7
24	Environmental Scientist	3	1	S07	Solid Wastes, Incineration, Landfills	4
38	Land Surveyor	8	0	S13	Storm Water Handling & Facilities	4
39	Landscape Architect	4	0	T05	Towers (self-Supporting and Guyed Systems)	5
4	Aeronautical Engineer	4	1	T03	Traffic & Transportation Engineering	7
47	Planner: Urban/Regional	7	1	W02	Water Resources; Hydrology; Ground Water	5
48	Project Manager	25	1			
52	Sanitary Engineer	2	1			
55	Soils Engineer	0	0			
57	Structural Engineer	22	0			
60	Transportation Engineer	59	1			
	Other Employees	34	2			
	Total	397	24			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR THE LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	10
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1	Less than $100,000	6	$2 million to less than $5 million
2	$100,000 to less than $250,000	7	$5 million to less than $10 million
3	$250,000 to less than $500,000	8	$10 million to less than $25 million
4	$500,000 to less than $1 million	9	$25 million to less than $50 million
5	$1 million to less than $2 million	10	$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE January 1, 2021

c. NAME AND TITLE

Steve Twedt, PE, Senior Vice President

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or Branch Office)* NAME	BURNS COOLEY DENNIS, INC.
3. YEAR ESTABLISHED	1985
4. UNIQUE ENTITY IDENTIFIER	147728489
2b. STREET	551 Sunnybrook Road
2c. CITY	Ridgeland
2d. STATE	MS
2e. ZIP CODE	39157
5. OWNERSHIP	
a. TYPE	Corporation
b. SMALL BUSINESS STATUS	Yes
6a. POINT OF CONTACT NAME AND TITLE	A. E. (Eddie) Templeton, P.E./President
6b. TELEPHONE NUMBER	601-856-9911
6c. E-MAIL ADDRESS	etempleton@bcdgeo.com
7. NAME OF FIRM *(If Block 2a is a Branch Office)*	

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	7	
08	CADD Technician	1	
27	Foundation/Geotechnical	9	
30	Geologist	1	
40	Materials Engineer	6	
	Pavement Specialist	1	
	Computer Specialist	1	
	Drilling Personnel	11	
	Geotechnical Lab Technician	5	
	Materials Field/Lab Technician	25	
	Other Employees		
	Total	67	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
S05	Soils & Geologic Studies -Foundations	5
T02	Testing & Inspection Services	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	7
c. Total Work	7

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000.
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE 1-11-2021

c. NAME AND TITLE A. E. (Eddie) Templeton, P.E., President

STANDARD FORM 330 (REV. 8/2016)

ARCHITECT – ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER *(if any)*

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Headwaters, Inc.		3. YEAR ESTABLISHED 1989	4. DUNS NUMBER 829595198
2b. STREET 307 Highland Park Cove, 39157 – physical address P.O. Box 2836, 39158 - mailing address		5. OWNERSHIP a. TYPE S Corporation	
2c. CITY Ridgeland	2d. STATE MS	2e. ZIP CODE 39158	b. SMALL BUSINESS STATUS
6a. POINT OF CONTACT NAME AND TITLE Walt Dinkelacker, President		7. NAME OF FIRM *(if block 2a is branch office)*	
6b. TELEPHONE NUMBER 601-634-0097	6c. E-MAIL ADDRESS walt@headwaters-inc.com		
8a. FORMER FIRM NAME(S) *(If any)* Wildlife Technical Services, Inc.		8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	2	1
04	Environmental Scientist	2	
29	GIS Specialist	2	
48	Project Manager	4	
58	Technician/Analyst	4	
	Registered Foresters		2
	Total	14	3

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
E09	Environmental Impact Studies	3
F04	Fisheries	2
E11	Environmental Planning	2
C14	Conservation & Resource Management	3
E10	Environmental & Natural Resource Mapping	3
F06	Forestry & Forest products	1
G04	Geographic Information System Services	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	
b. Non-Federal Work	5
c. Total Work	5

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
Walt D-L	6/21/2021

NAME AND TITLE
Walt Dinkelacker, President

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME	Integrated Right of Way, LLC
2b. STREET	617 Renaissance Way, Suite 200
2c. CITY	Ridgeland
2d. STATE	MS
2e. ZIP CODE	39157
3. YEAR ESTABLISHED	2017
4. DUNS NUMBER	
5. OWNERSHIP a. TYPE	Limmited Liability Company
b. SMALL BUSINESS STATUS	No Sub-Category
6a. POINT OF CONTACT NAME AND TITLE	James Turner, President
6b. TELEPHONE NUMBER	601-790-0443
6c. E-MAIL ADDRESS	jimturner@irr.com
7. NAME OF FIRM *(If block 2a is a branch office)*	
8a. FORMER FIRM NAME(S) *(If any)*	
8b. YR. ESTABLISHED	
8c. DUNS NUMBER	

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
	Project Coordinator	1	
	Administration	1	
	Acquisition	2	
	General Consul	1	
	Other Employees		
	Total	5	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
	See Experience History	3

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	
b. Non-Federal Work	3
c. Total Work	3

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE 06/28/2021

c. NAME AND TITLE James O. Turner II, President

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (6/2004) **PAGE 6**

MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors

Find Licensee
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Firm Details

Firm Name: Neel-Schaffer, Inc.
Address: P. O. Box 22625
Jackson MS 39225-2625
County: Hinds
Phone: 601-948-3071

License Type: Certificate of Authority (Engineering)
License Number: 27
Expires on: 12/31/2021
Designated Licensee: Mr.Walter Hibbett Neel Jr. (PE-5597)

License Type: Certificate of Authority (Surveying)
License Number: 11
Expires on: 12/31/2021
Designated Licensee: Mr.Douglas Mack Wimberly (PS-3044)

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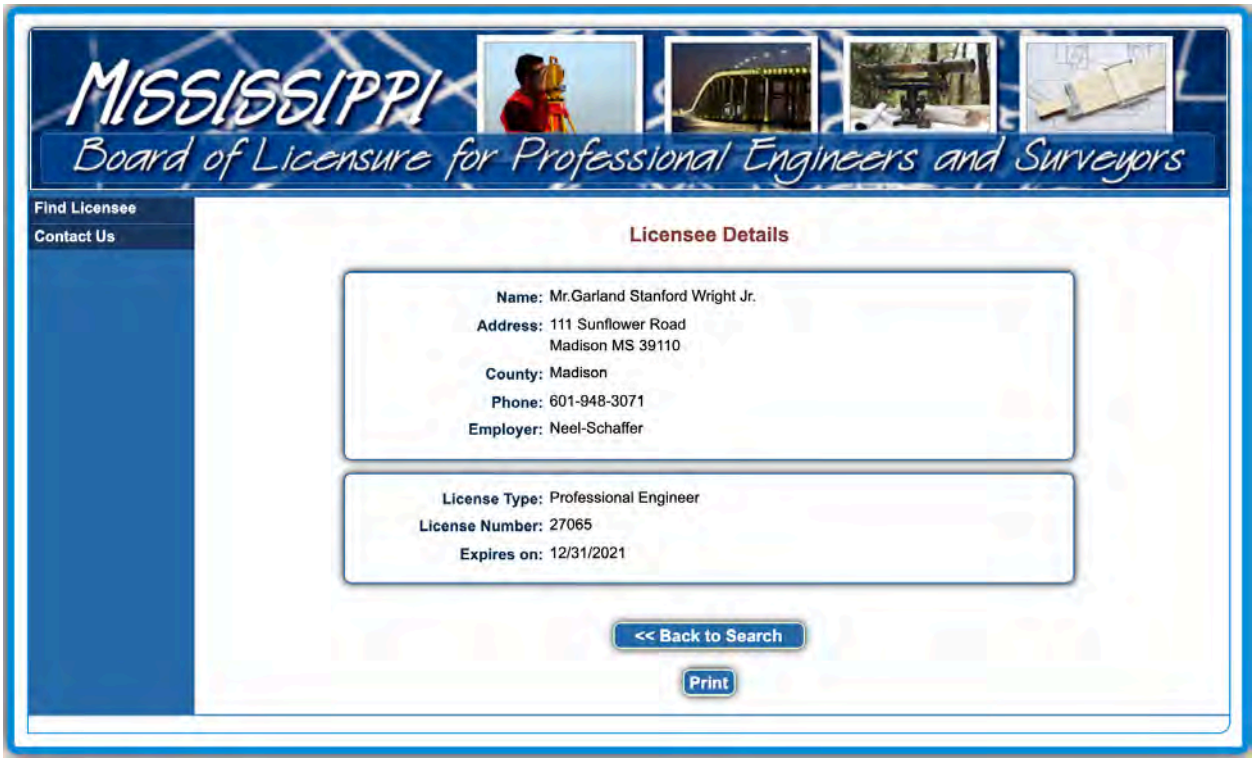

MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors

Find Licensee
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Licensee Details

Name: Mr.Garland Stanford Wright Jr.
Address: 111 Sunflower Road
Madison MS 39110
County: Madison
Phone: 601-948-3071
Employer: Neel-Schaffer

License Type: Professional Engineer
License Number: 27065
Expires on: 12/31/2021

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THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION

hereby recognizes

Stan Wright

Neel-Schaffer, Inc.

for completing 7 Professional Development Hours during

The Local Public Agency Process Training & Certification.

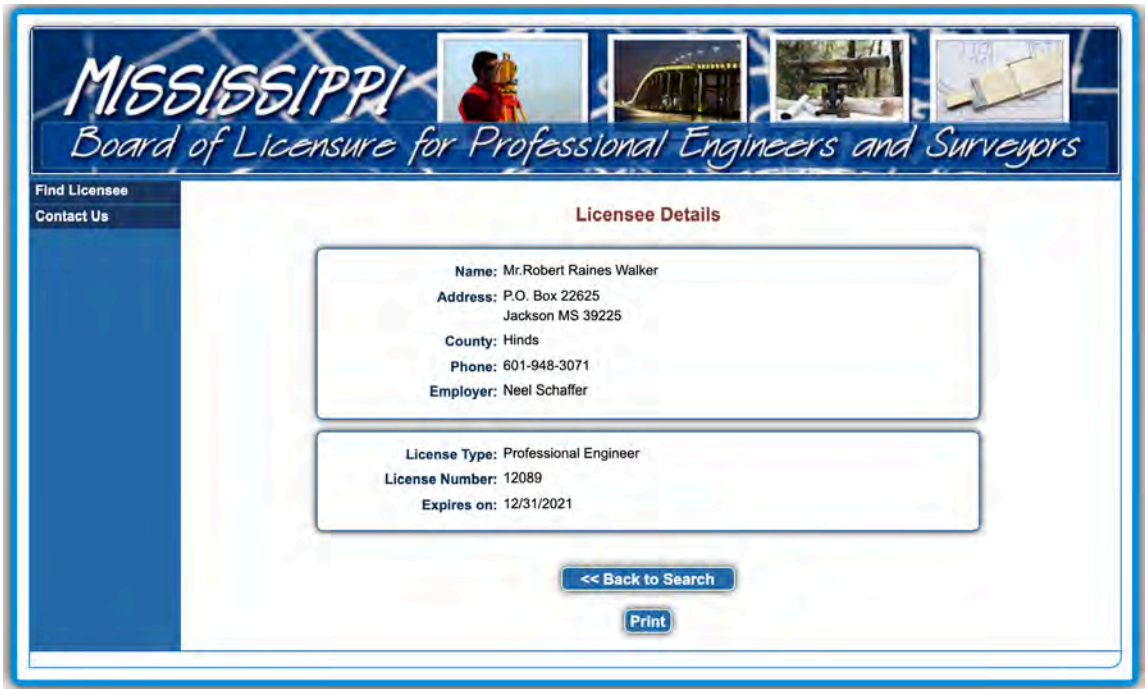
MARCH 28, 2018

DATE CERTIFICATE VALID FOR TWO YEARS FROM DATE OF ISSUE

MDOT

LOCAL-TECHNICAL ASSISTANCE PROGRAM

SHIRLEY JOHNSON
MS LTAP DIRECTOR



MISSISSIPPI

Board of Licensure for Professional Engineers and Surveyors

Find Licensee

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Licensee Details

Name: Mr.Robert Raines Walker

Address: P.O. Box 22625
Jackson MS 39225

County: Hinds

Phone: 601-948-3071

Employer: Neel Schaffer

License Type: Professional Engineer

License Number: 12089

Expires on: 12/31/2021

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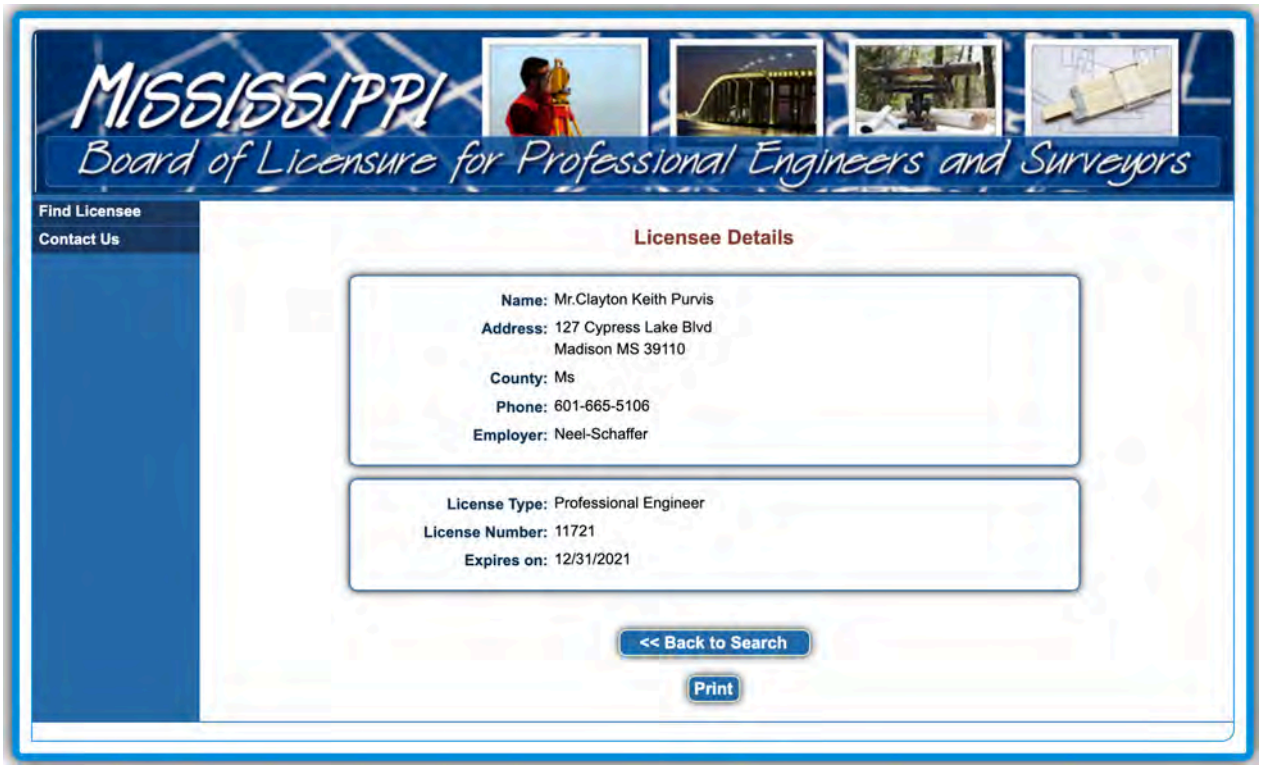
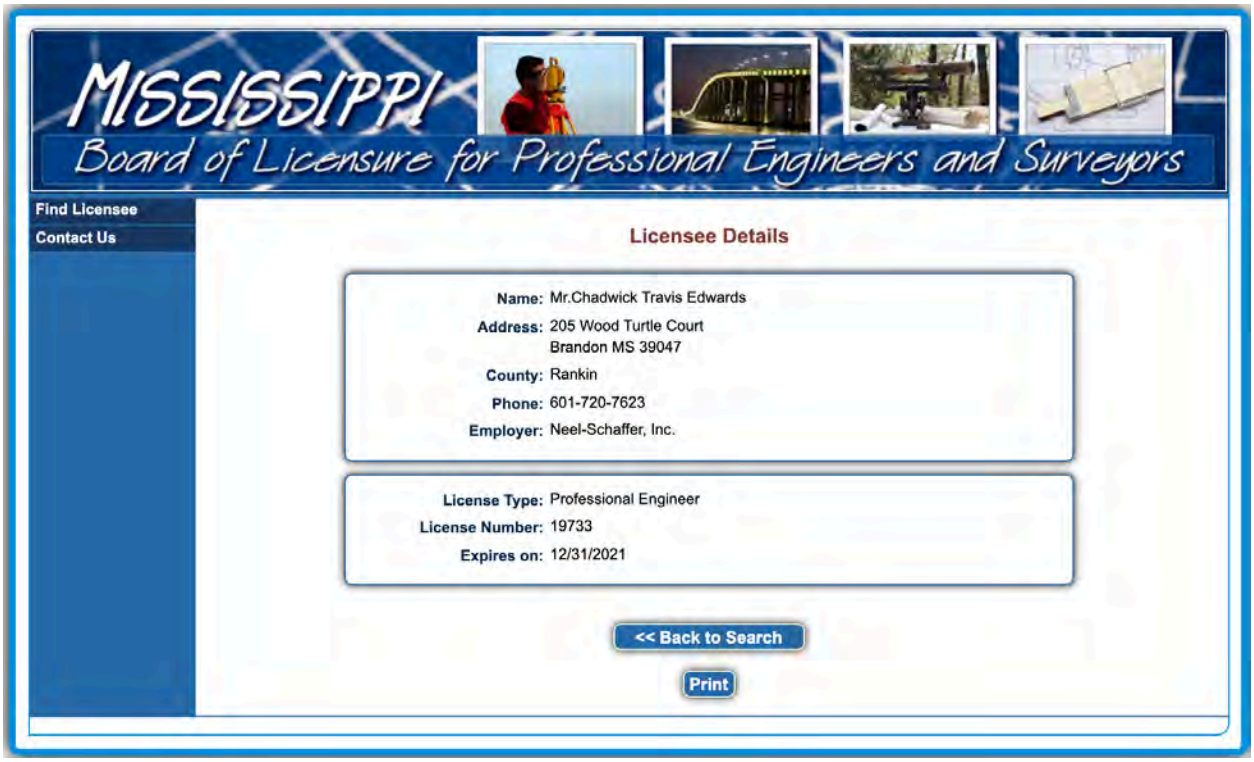
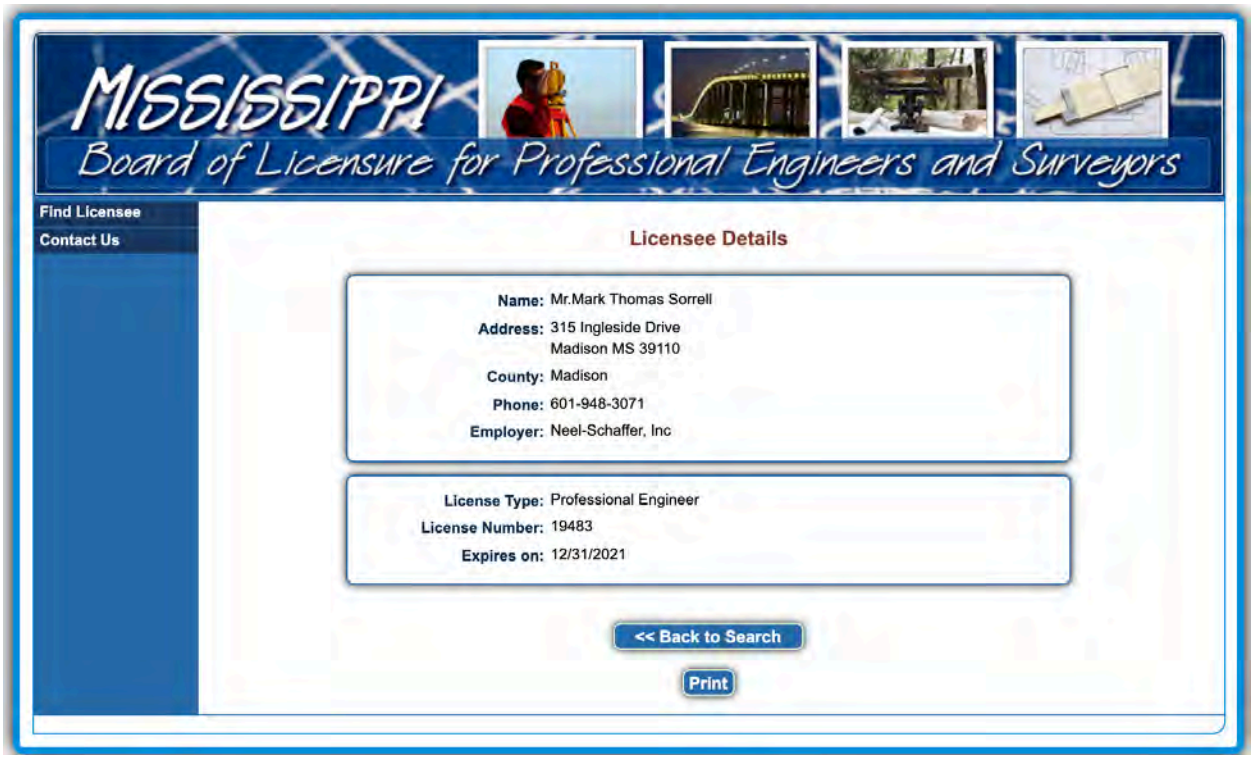

MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors
Find Licensee
Contact Us
Licensee Details
Name: Mr.Clayton Keith Purvis
Address: 127 Cypress Lake Blvd
Madison MS 39110
County: Ms
Phone: 601-665-5106
Employer: Neel-Schaffer
License Type: Professional Engineer
License Number: 11721
Expires on: 12/31/2021
<< Back to Search
Print

THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION
hereby recognizes
Keith Purvis
Neel-Schaffer, Inc.
for completing 7 Professional Development Hours during
The Local Public Agency Process
Training & Certification.
APRIL 3, 2019
DATE CERTIFICATE VALID FOR TWO YEARS FROM DATE OF ISSUE
MDOT
LOCAL TECHNICAL ASSISTANCE PROGRAM
SHIRLEY JOHNSON
MS LTAP DIRECTOR


MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors
Find Licensee
Contact Us
Licensee Details
Name: Mr.Chadwick Travis Edwards
Address: 205 Wood Turtle Court
Brandon MS 39047
County: Rankin
Phone: 601-720-7623
Employer: Neel-Schaffer, Inc.
License Type: Professional Engineer
License Number: 19733
Expires on: 12/31/2021
<< Back to Search
Print

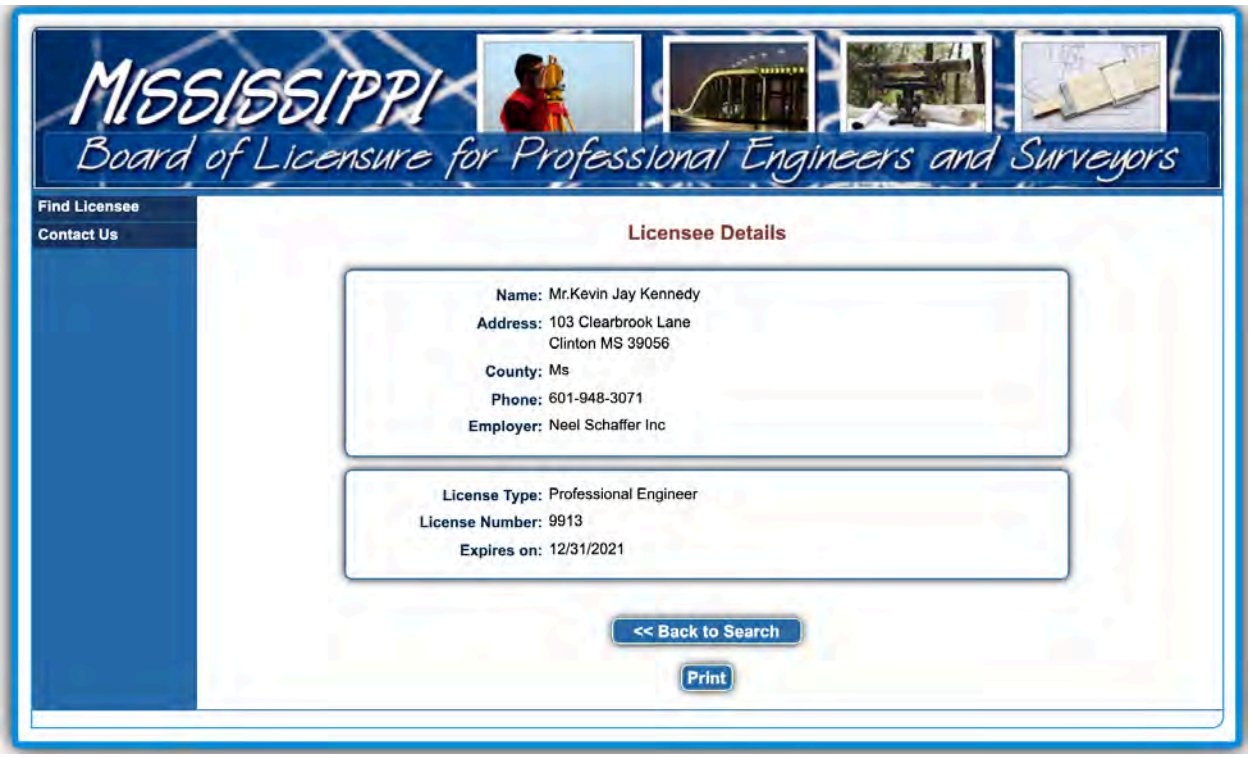
Storm Water Management Training
Certificate of Completion
is hereby granted to:
Chad Edward
for satisfactory completion of eight instructional hours (8 PDH)
MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
thompson
ENGINEERING
Storm Water Pollution Prevention
for Construction Personnel
Certification Number : 21035
Expiration Date : 2/23/2026
Joe Stroud & Steve Johnson
Instructors


MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors
Find Licensee
Contact Us
Licensee Details
Name: Mr.Mark Thomas Sorrell
Address: 315 Ingleside Drive
Madison MS 39110
County: Madison
Phone: 601-948-3071
Employer: Neel-Schaffer, Inc
License Type: Professional Engineer
License Number: 19483
Expires on: 12/31/2021
<< Back to Search
Print

THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION
hereby recognizes
Mark Sorrell
Neel-Schaffer, Inc.
for completing 7 Professional Development Hours during
The Local Public Agency Process
Training & Certification.
MARCH 22, 2017
DATE CERTIFICATE VALID FOR TWO YEARS FROM DATE OF ISSUE
MDOT
LOCAL TECHNICAL ASSISTANCE PROGRAM
SHIRLEY JOHNSON
MS LTAP DIRECTOR

MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors
Find Licensee
Contact Us
Licensee Details
Name: Ms.Cindy Rich
Address: 107 Norfleet Way
Madison MS 39110
County: Madison
Phone: 601-948-3071
Employer: Neel - Schaffer
License Type: Professional Engineer
License Number: 9413
Expires on: 12/31/2021
<< Back to Search
Print

THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION
hereby recognizes
Cindy Rich
Neel-Schaffer (Jackson)
for completing 7 Professional Development Hours during
The Local Public Agency Process
Training & Certification.
MARCH 16, 2016
DATE CERTIFICATE VALID FOR TWO YEARS FROM DATE OF ISSUE
MDOT
LOCAL TECHNICAL ASSISTANCE PROGRAM
SHIRLEY JOHNSON
MS LTAP DIRECTOR


MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors
Find Licensee
Contact Us
Licensee Details
Name: Mr.Kevin Jay Kennedy
Address: 103 Clearbrook Lane
Clinton MS 39056
County: Ms
Phone: 601-948-3071
Employer: Neel Schaffer Inc
License Type: Professional Engineer
License Number: 9913
Expires on: 12/31/2021
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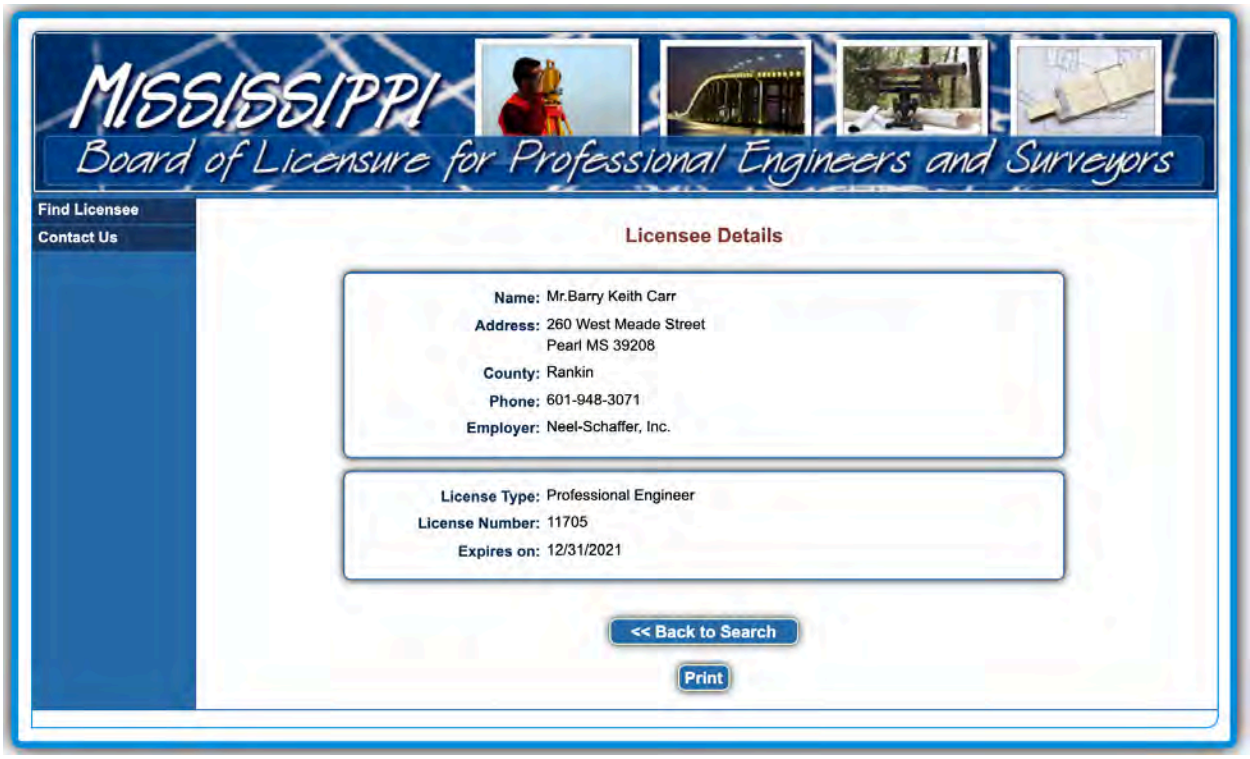
MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors
Find Licensee
Contact Us
Licensee Details
Name: Mr.Barry Keith Carr
Address: 260 West Meade Street
Pearl MS 39208
County: Rankin
Phone: 601-948-3071
Employer: Neel-Schaffer, Inc.
License Type: Professional Engineer
License Number: 11705
Expires on: 12/31/2021
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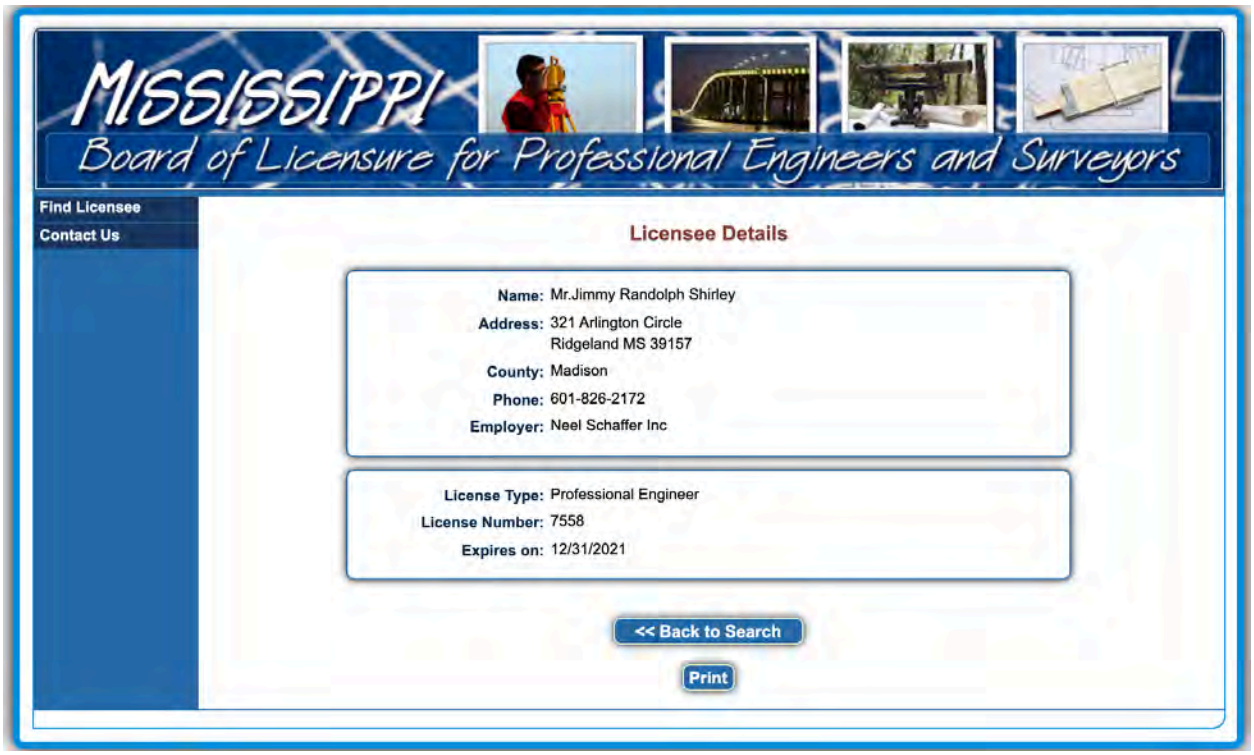
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Licensee Details
Name: Mr.Jimmy Randolph Shirley
Address: 321 Arlington Circle
Ridgeland MS 39157
County: Madison
Phone: 601-826-2172
Employer: Neel Schaffer Inc
License Type: Professional Engineer
License Number: 7558
Expires on: 12/31/2021
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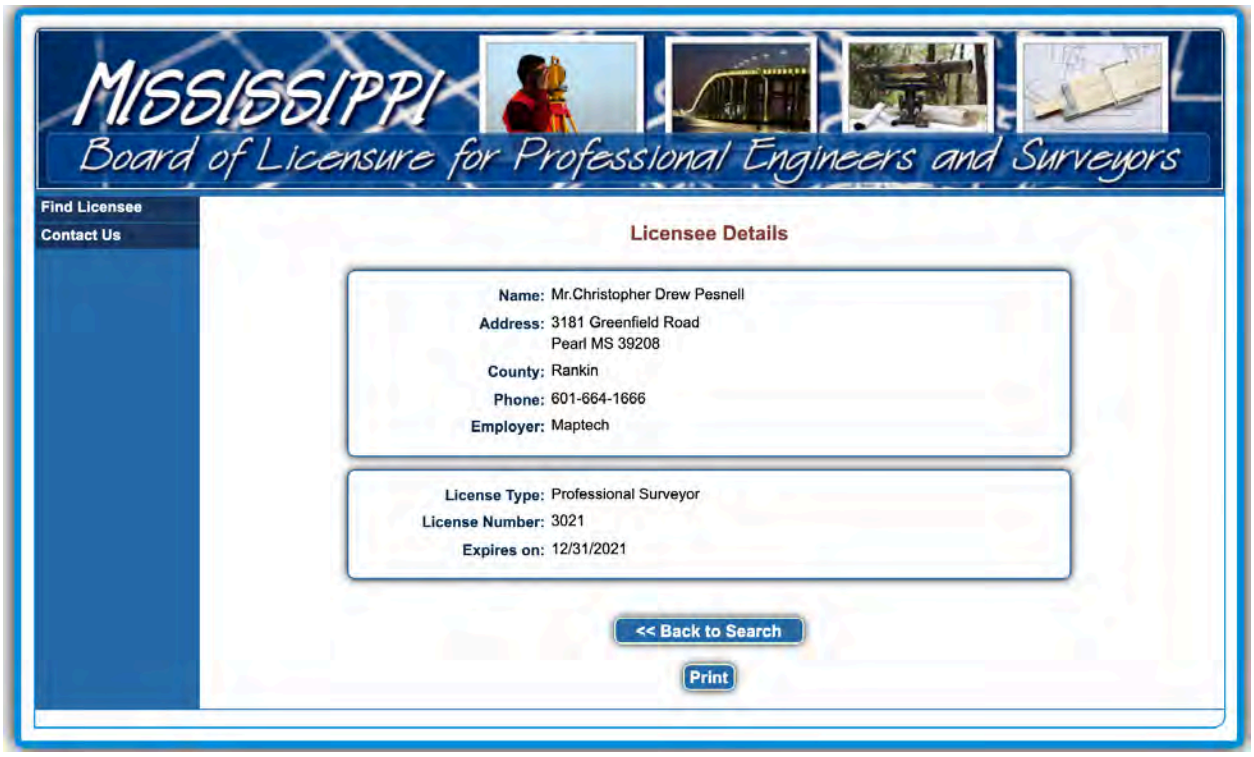
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Licensee Details
Name: Mr.Christopher Drew Pesnell
Address: 3181 Greenfield Road
Pearl MS 39208
County: Rankin
Phone: 601-664-1666
Employer: Maptech
License Type: Professional Surveyor
License Number: 3021
Expires on: 12/31/2021
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Firm Details

Firm Name: Burns Cooley Dennis, Inc.
Address: P.O. Box 12828
Jackson MS 39236
County: Hinds
Phone: 601-856-9911

License Type: Certificate of Authority (Engineering)
License Number: 18
Expires on: 12/31/2021
Designated Licensee: Mr.Alexis Edgar Templeton (PE-9128)

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Name: Mr.Randolph Charles Ahlrich
Address: 61 Redbud Lane
Madison MS 39110
County: Madison
Phone: 601-856-2332
Employer: Burns Cooley Dennis Inc

License Type: Professional Engineer
License Number: 10181
Expires on: 12/31/2021

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Name: Mr.Robert Louis Varner
Address: 534 Lake Pointe Lane
Madison MS 39110-
County: Madison
Phone: 601-201-1047
Employer: Burns Cooley Dennis

License Type: Professional Engineer
License Number: 13614
Expires on: 12/31/2021

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Name: Mr.Kevin Lamar Williams
Address: 104 Post Oak Drive
Brandon MS 39047
County: Rankin
Phone: 601-856-2332
Employer: Burns Cooley Dennis, Inc

License Type: Professional Engineer
License Number: 18338
Expires on: 12/31/2021

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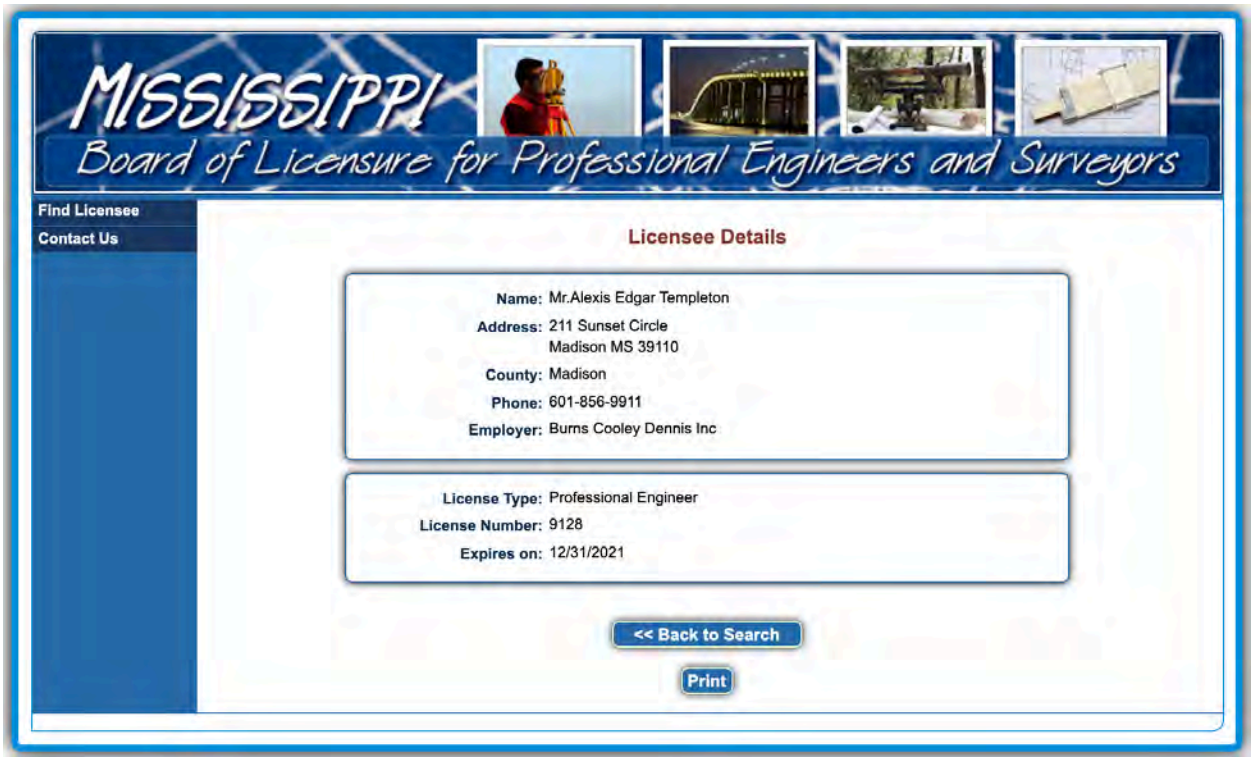
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Licensee Details
Name: Mr.Alexis Edgar Templeton
Address: 211 Sunset Circle
Madison MS 39110
County: Madison
Phone: 601-856-9911
Employer: Burns Cooley Dennis Inc
License Type: Professional Engineer
License Number: 9128
Expires on: 12/31/2021
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Name: Mr.Marcos Vinicius Faria Rodrigues
Address: 154 Sycamore Rdg
Madison MS 39110
County: Madison
Phone: 601-856-9911
Employer: Burns Cooley Dennis Inc.
License Type: Professional Engineer
License Number: 20264
Expires on: 12/31/2021
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BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

Melinda L. McGrath
Executive Director

P. O. Box 1850
Jackson, MS 39215-1850
Telephone (601) 359-7001
FAX (601) 359-7110
GoMDOT.com

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

James A. Williams, III
Deputy Executive Director/Chief Engineer
Lisa M. Hancock
Deputy Executive Director/Administration
Willie Huff
Director, Office of Enforcement
Charles R. Carr
Director, Office of Intermodal Planning

June 11, 2019

Burns Cooley Dennis, Inc.
Attn: Robert Varner
278 Commerce Park Drive
Ridgeland, MS 39157

Gentlemen:

Your laboratory has been included in Status of Certified Laboratories for State of Mississippi (State) Projects as an AASHTO accredited laboratory for material testing. The following attachment of AASHTO accreditation specifies the test(s) that this laboratory is accredited to perform and henceforth certified for State Projects. This certification for State Projects will expire June 11, 2022 and/or upon suspension/loss of accreditation of a specific test method according to proficiency sample and/or assessment results.

If we can be of further assistance to you, please notify us.

Sincerely,

William Crawley, EIT
Concrete and Cement

pc: District Materials Engineer (Clarke)
State Aid Division (Davis)
Field Ops/Lab File (Guth)

Transportation: The Driving Force of a Strong Economy

Results found: 1

Burns Cooley Dennis, Inc.

Ridgeland, Mississippi **Show This Entry Only**

View Accreditation Certificate

Randy C. Ahlrich
278 Commerce Park Drive
Ridgeland , Mississippi 39157

Phone: (601) 856-2332
Fax:
rahlrich@bcdgeo.com
http://www.bcdgeo.com

Quality Management System - accredited since 6/15/2001
R18, C1077 (Aggregate), C1077 (Concrete), D3666 (Aggregate), D3666 (Asphalt Binder), D3666 (Asphalt Mixture), D3740 (Soil), E329 (Aggregate), E329 (Asphalt Binder), E329 (Asphalt Mixture), E329 (Concrete), E329 (Soil)

Asphalt Binder - accredited since 2/5/2003
R28, T48, T49, T201, T202, T228, T240, T313, T315, T316, T350, D5, D70, D92, D2170, D2171, D2872, D4402, D6521, D6648, D7175, D7405

Asphalt Mixture - accredited since 6/15/2001
R68, T30, T164, T166, T209, T245, T269, T283, T308, T312, D2041, D2172, D2726, D3203, D4867, D5404, D5444, D6307, D6925, D6926, D6927

Soil - accredited since 8/1/2001
R58, T88, T89, T90, T99, T100, T134, T180, T193, T265, T310, D421, D422, D558, D698, D854, D1140, D1556, D1557, D1883, D2216, D2974, D4318, D4943, D6938

Aggregate - accredited since 8/1/2001
R76, T11, T19, T21, T27, T37, T84, T85, T96, T104, T112, T176, T255, T304, T335, C29, C40, C88, C117, C127, C128, C131, C136, C142, C566, C702, C1252, D546, D2419, D4791, D5821

Concrete - accredited since 9/15/2002
M201, R39, R60, T22, T23, T24, T97, T119, T121, T152, T160, T196, T197, T231 (8000 psi and below), T277, T303, T309, T325, C31, C39, C42, C78, C138, C143, C157, C172, C173, C192, C227, C231, C403, C469, C511, C617 (8000 psi and below), C1064, C1074, C1202, C1231 (7000 psi and below), C1260, C1542, C1567

Masonry - accredited since 8/13/2012
C531 (Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, Monolithic Surfacings, and Polymer Concretes)

Please note that our accreditations do not include an expiration date. An accreditation only expires when the laboratory

fails to comply with our accreditation requirements.

* This information is only valid as of 2/18/2021. Please visit http://www.aashtoresource.org for current accreditation status.

BURNS COOLEY DENNIS, INC.
Geotechnical and Materials Engineering Consultants

MISSISSIPPI BOARD OF LICENSURE
FOR PROFESSIONAL ENGINEERS & SURVEYORS
660 North Street • Suite 400
JACKSON, MISSISSIPPI 39202
(601) 359-6160

This is to certify that

BURNS COOLEY DENNIS, INC.

has met the requirements of Title 73, Chapter 13, Code of Mississippi, 1972,
has been issued this Certificate of Authorization,

CERTIFICATE NO. **E-18**

and is authorized to provide or offer to provide

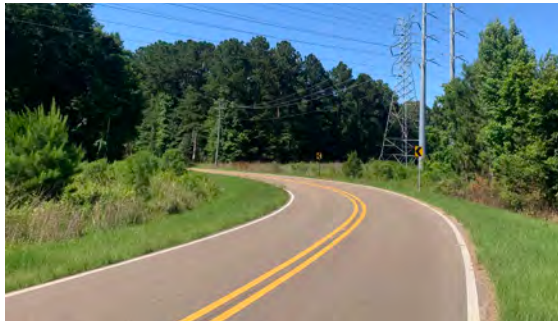
ENGINEERING

services in the State of Mississippi through individual
licensed professionals as employees, officers or partners
until this certificate expires on
December 31, 2021, at which time it may be renewed.

In Testimony whereof, witness the signature of
the Executive Director under seal of the Board.

Issued this the 1st day of January 2021.

Mark Humphreys
Executive Director



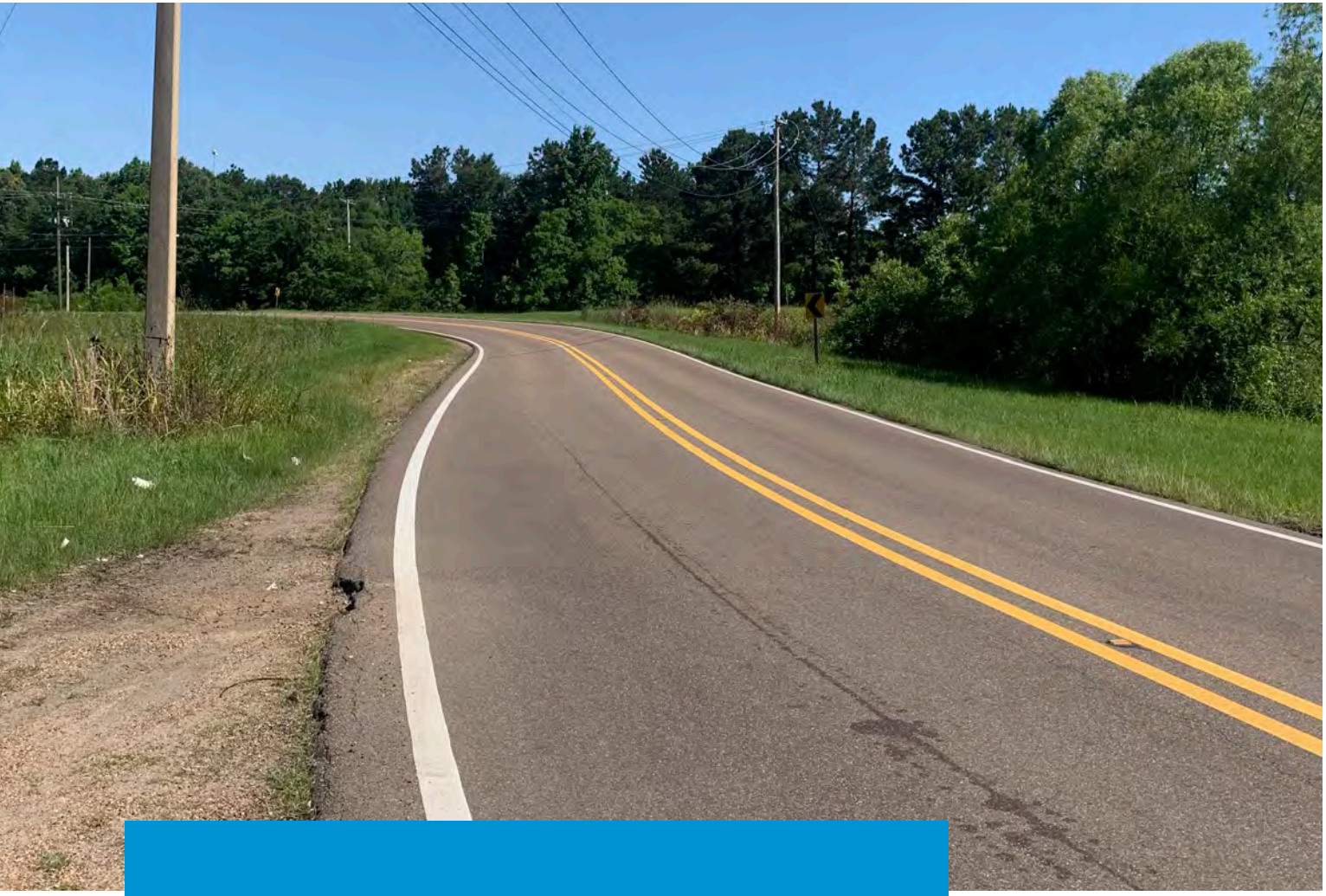
EXPRESSION OF INTEREST

PROFESSIONAL ENGINEERING SERVICES
HIGHLAND COMMERCE DRIVE PROJECT

SUBMITTED TO
CITY OF RIDGELAND

SUBMITTED BY
Michael Baker
INTERNATIONAL
RIDGELAND, MS

JUNE 30, 2021



1. COVER LETTER

Office of Public Works
City of Ridgeland | City Hall
100 West School Street
Ridgeland, Mississippi 39157

RE: PROFESSIONAL ENGINEERING SERVICES
HIGHLAND COMMERCE DRIVE PROJECT

Dear Selection Committee:

Michael Baker International, Inc. (Michael Baker) is pleased to submit our qualifications to provide professional engineering services for the Highland Commerce Drive project. Our diverse experience enables us to assure the City of Ridgeland (City) that the project is planned and designed to meet schedules and budgets. Because of our location (310 New Pointe Drive) and proximity to the project site, our capabilities, and our similar experience and familiarity with the LPA process, Michael Baker will provide the City a cost-effective, timely, and quality project that will help increase area growth, development, and ultimately revenue for the City.

To provide the City with the best possible service, we have assembled a local, multi-disciplined team. Our Project Manager, Kenny Collins, PE lives and works in the City. His daily commute is within the project area, so he has the ability to be on site within 5 minutes. He will be supported by an expert team, including **Burns Cooley Dennis, Inc.**, who will provide geotechnical services, and **Integra Realty Resources**, who will provide right-of-way (ROW) acquisition services. Both subconsultant firms are also located in the City:

- Burns Cooley Dennis, Inc. | 551 Sunnybrook Road
- Integra Realty Resources | 617 Renaissance Way, Ste 100

MICHAEL BAKER OFFERS THE CITY OF RIDGELAND:

HANDS-ON EXPERIENCE Much of our ability to understand the needs and technical requirements of this project is rooted in our past experience serving the City and the Mississippi Department of Transportation (MDOT) LPA program. As a trusted advisor and reliable partner, our team has thorough knowledge of the project area and a superior approach to advance this project. Through the successful delivery of previous projects, we have cultivated a strong working relationship with the City, and this well-established rapport will prove beneficial throughout the execution of the Highland Commerce Drive project.

INNOVATIVE SOLUTIONS At Michael Baker, we specialize in developing customized solutions, tailored to client needs. As technologies evolve, we deliver creative ideas and advanced techniques to deliver even the most complex projects. Our engineering savvy and willingness to embrace technology means optimal workflows, processes, transparency, safety, and quality.

QUALITY SERVICE & A DEDICATED TEAM By being responsive and exceeding expectations, our firm is known for quality products and excellent service. The Michael Baker team is fully committed to this project and providing the resources for successful delivery. The full capabilities of both Michael Baker professionals and our subconsultants will be at the disposal of the City. In partnering with Michael Baker, the City will receive a specialized team focused on timely, cost-effective delivery.

UNMATCHED ENGINEERING & DESIGN EXPERTISE Michael Baker has extensive project experience in the State of Mississippi, including the City, and a record for performing quality project management services, LPA process, roadway and bridge design, environmental studies, utility relocation, construction bid phase administration, field surveying and inspection and all other services required for the successful completion of the Highland Commerce Drive project. Our comparable projects are similar in size, scope, and complexity to the project identified in the Legal Ad.

Upon review of our qualifications, the City will be convinced that Michael Baker is the most qualified engineering and design consultant team for this project, and we are located right here in Ridgeland. Our team looks forward to again performing services for the City and is excited about the opportunities for growth in our community.

Should you have any questions, or require additional information, I will serve as the single point of contact throughout the selection process and can be reached at (601) 607-8700, or by e-mail at Ray.Balentine@mbakerintl.com. Additionally, the Michael Baker team is not pursuing this as a joint venture and has no conflicts of interest in pursuing and performing this project.

Respectfully submitted,
Michael Baker International, Inc.

Ray Balentine, PE, PS
Vice President / Ridgeland Office Executive

The Michael Baker team is merely steps away from the project site. As a whole, our team is only minutes away from the project site, making us responsive at a moment's notice.

Looking North on New Pointe Drive with Michael Baker's office on the right.

2. QUALIFICATIONS

2. QUALIFICATIONS

The City will be supported by a Michael Baker team that has been strategically assembled to include professionals who have the expertise required to successfully and efficiently complete the Highland Commerce Drive project.

Our team is rooted in the Ridgeland community and represents the most comprehensive collection of engineering design talent in Mississippi. With our strong local presence and additional support personnel throughout the southeast United States, Michael Baker is strategically positioned to respond quickly and efficiently to the City. The local presence and familiarity of our team means more timely work and mitigated project costs for the City. **The City will experience exceptional service because of our geographic location, well-staffed and scalable team, and flexible approach to staffing.**

PRINCIPAL-IN-CHARGE
Ray Balentine, PE, PS [1]

PROJECT MANAGER
*Kenny Collins, PE [1]

QA/QC
*Richard Chisolm, PE [1]

ROADWAY ENGINEERING DESIGN
*Kenny Collins, PE [1]
*Ronald J. Stuart, II, PE [1]
Lei Wang, PhD, PE, PMP, CFM [1]
Anna Norris, EI [1]
Hal Thompson [1]
Wendell Erwin [1]
Jeff May, PE [2]
Ethan Wise, PE [2]

BRIDGE DESIGN
Mitch Carr, PE [1]
Jeffrey McRae, PE [1]
Layton Breithaupt, EI [1]
Mike Cresap, PE [1]

TRAFFIC ANALYSES
Brooks Miller, Jr., PE, PTOE [3]
Celina Sumrall, PE [1]
Carla Dietrich, PE, PTOE [4]

ENVIRONMENTAL STUDIES
TJ Holliday, PWS [2]
Elizabeth Brock [2]

FIELD SURVEY & INSPECTION (MOBILE LIDAR)
Steve Lyle, PS [1]
Mitch Tyler, PS [1]
Trey Brown, III, PS [1]
Stephen Clancy, PSM, PS, GISP [1]

TRAFFIC SIGNAL PLANS
Brooks Miller, Jr., PE, PTOE [3]
Celina Sumrall, PE [1]
Carla Dietrich, PE, PTOE [4]

HYDRAULIC DESIGN (BRIDGE AND ROADWAY)
Lei Wang, PhD, PE, PMP, CFM [1]
Jeff May, PE, PMP [2]
Shawn Wozencraft, PE [2]

GEOTECHNICAL INVESTIGATIONS
Eddie Templeton, PE [1]
Randy Ahlrich, PhD, PE [1]
Kevin Williams, PE [1]
Robert Varner, PE [1]
Marcos Rodrigues, PE [1]

EROSION CONTROL PLANS
Lei Wang, PhD, PE, PMP, CFM [1]
Will O'Reilly, PE [1]
*Richard Chisolm, PE [1]

PERMANENT SIGNING PLANS & DETAILS
*Ronald J. Stuart, II, PE [1]
Wendell Erwin [1]
Will O'Reilly, PE [1]
Brooks Miller, Jr., PE, PTOE [3]

RIGHT-OF-WAY MAPS AND DEEDS
Steve Lyle, PS [1]
Mitch Tyler, PS [1]

ROW ACQUISITION SERVICES
Jim Turner, II, MAI [1]
John Praytor, MAI, AI-GRS [1]

UTILITY RELOCATION
Shawn Wozencraft, PE [2]
Ethan Wise, PE [2]

CONSTRUCTION BID DOCUMENT DEVELOPMENT AND BID PHASE ADMINISTRATION
*Richard Chisolm, PE [1]
*Kenny Collins, PE [1]
Jeff May, PE [2]

LOCATION: 1 - Ridgeland, MS | 2 - Ocean Springs, MS | 3 - Mobile, AL | 4 - Ontario, CA

*MDOT Local Public Agency Process Certificate

EXPERIENCE
37 Years of Experience

EDUCATION
B.S., Civil Engineering,
Louisiana State University

CERTIFICATIONS
Professional Engineer,
MS 10497
LPA, Renewed 4/21/2021

Mr. Collins will provide project management services, coordination, attend all related conferences and meetings, and serve as a liaison between the city, state and federal agencies.

KENNY COLLINS, PE (MS PE 10497)

Mr. Collins will serve as the Project Manager for the City's Highland Commerce Drive project. He has spent his entire professional career with Michael Baker (more than 37 years) and has designed or managed many of Mississippi's most signature transportation projects, including the I-55/US49/I-20 Rehabilitation Project (The Stack), and the I-55 Reconstruction from Old Agency Road to S.R. 463 (The Split Diamond). As Michael Baker's lead engineer, he has an unrivaled understanding of MDOT/LPA expectations and requirements and will ensure the project meets or exceeds all expectations. Mr. Collins will provide overall project oversight, ensuring the quality of deliverables, monitoring project status and maintaining the work plan, and schedule and provide status reports to the City and MDOT as requested. Mr. Collins is determined to make sure that every project is done to standard and will ensure that his staff does the same. The following projects are examples of projects that Mr. Collins oversaw the design as well as managed:

COLONY PARK BOULEVARD | MDOT

Contract Initiation: 3/12/2015 | Project Completion: 3/31/2016 | Contract Amount: $246,736

Role: Project Manager. Responsible for the design and development of plans for both Phase A and Phase B services. Also assisted MDOT on the construction of this project. Michael Baker's services included design and preparation of final roadway construction plans, which included railroad coordination, and coordination with department design staff and the City of Ridgeland's design staff. This project received a 2020 MS/ACEC Honor Award.

U.S. HIGHWAY 49 IMPROVEMENTS BETWEEN FLORENCE AND THE SCALES AREA | MDOT

Contract Initiation: 7/25/2012 | Project Completion: 5/04/2017 | Contract Amount: $4,147,103

Role: Project Manager. Responsible for the design and development of final construction (Phase B plans). Mr. Collins is currently involved in the construction phase of this project. He attends weekly partnering meetings and resolves all RFI's and other issues as they arise. Michael Baker's services include the development of detailed design plans for bridges and roadway, including conceptual lighting, traffic control, signing, signalization, and intelligent transportation systems.

WOODROW WILSON RESURFACING | CITY OF JACKSON

Contract Initiation: 6/27/2017 | Project Completion: 10/21/2019 | Contract Amount: $295,414

Role: Project Manager. Responsible for the design and development of plans for this LPA project. Mr. Collins led the planning, design, and coordination of this important project with the City of Jackson and MDOT. Michael Baker provided engineering services for resurfacing of Woodrow Wilson Avenue from Mill Street to I-55.

YOUR TEAM

RAY BALENTINE, PE, PS | YRS OF EXP: 37 | MS PE # 8618 MS PS #2060

Principal-in-Charge

Mr. Balentine, previously with the Mississippi Department of Transportation (MDOT) for 25 years, joined Michael Baker as a Vice President and Office Executive in April 2015. Mr. Balentine is responsible for the management of the Ridgeland, Ocean Springs and Mobile, AL offices. He markets Michael Baker's overall capabilities and responds to the technical needs of clients throughout Mississippi. He commits resources for the group and directs contract administration, scheduling and budgeting, quality assurance and business development activities.

RICHARD CHISOLM, PE | YRS OF EXP: 26 | MS PE #15361

QA/QC, Erosion Control Plans, Construction Bid Document Development and Bid Phase Administration

Mr. Chisolm has extensive knowledge and experience in construction inspection, contract administration, and project management. During his 24-year career with MDOT, he served in many roles for the department. He started his career as a engineer in training and then later served as State Construction Engineer and finally as Assistant Chief Engineer of Field Operations in which he was responsible for overseeing the day-to-day operations of construction, maintenance, and traffic engineering. He is uniquely familiar with the management of transportation projects and will play a vital role in this project.

RONALD J. STUART, II, PE | YRS OF EXP: 22 | MS PE #16349

Roadway Engineering Design, Permanent Signing Plans & Details

Prior to joining Michael Baker, Mr. Stuart accumulated four years of experience in roadway design with the MDOT. Prior to working with MDOT, Mr. Stuart worked for several consultants with an emphasis in municipal projects. He has served as project manager, engineer, and subject matter expert for sidewalks, intersections, arterials, expressways, and interstates. He has managed, coordinated, and administered budgets, schedules, and all technical activities, including supervision of technical staff for transportation projects.

LEI WANG, PHD, PE, PMP, CFM | YRS OF EXP: 16 | MS PE #16165

Roadway Engineering Design, Hydraulic Design, Erosion Control Plans

Dr. Wang will be responsible for the hydraulic and drainage design under this contract with the City. Dr. Wang's professional areas of expertise also include hydrological and hydraulic (H&H) analyses with 1-D and 2-D modeling and environmental review for transportation, land development, water and wastewater treatment, and groundwater remediation projects.

ANNA NORRIS, EIT| YRS OF EXP: 1

Roadway Engineering Design

Mrs. Norris started with Michael Baker in 2020. She is a recent graduate of Mississippi State University and has already worked on several roadway design projects doing design work with Microstation and calculating quantities.

HAL THOMPSON | YRS OF EXP: 45 | MS PE #16165

Roadway Engineering Design

Mr. Thompson has been actively involved in all phases of the design and drafting of plans for the construction of highways, and structures from field surveys to the completion of the final design drawings. Mr. Thompson has also been involved with pipeline layout, survey data processing and generation for all phases of design, flood control studies.

WENDELL ERWIN | YRS OF EXP: 37

Roadway Engineering Design, Permanent Signing Plans & Details

Mr. Erwin has been actively involved in all phases of the design and drafting of plans for the construction of railroads, airports, highways, water and sewer treatment systems, distribution systems and structures from field surveys to the completion of the final design drawings. Mr. Erwin has also been involved with survey note reduction, plotting cross sections, flood control studies, and the production of presentation exhibits for various projects.

JEFF MAY, PE | YRS OF EXP: 23 | MS PE #16165

Roadway Engineering Design, Hydraulic Design, Construction Bid Document development and Bid Phase Administration

Mr. May's responsibilities include providing project management and supervising design and construction projects, performing QA/QC reviews, designing subsurface drainage systems, performing floodway analyses, and preparing drainage plans for inclusion in transportation system construction projects.

ETHAN WISE, PE | YRS OF EXP: 9 | MS PE #30588

Roadway Engineering Design, Utility Relocation

With combined experience in civil engineering and project management, Mr. Wise is focused on ensuring quality work, delivering projects on time, reducing costs where possible, and adhering to design requirements. He has developed plans, specifications, and cost estimates, as well as provided bid phase services, for a variety of LPA roadway projects, including new construction, widening, intersection signalization, and drainage improvements. Additionally, Mr. Wise has extensive experience with various government funded projects, including LPA, Community Development Block Grant (CDBG), and State Aid.

MITCH CARR, PE | YRS OF EXP: 42 | MS PE #8926

Bridge Design

Mr. Carr is an experienced bridge engineer with more than 42 years of experience. Prior to joining Michael Baker, Mr. Carr served as the MDOT State Bridge Engineer, a position he held for over eight years. His responsibilities included oversight of structural and hydraulic design and plan preparation activities of bridges and other highway appurtenances, management of MDOT's bridge safety inspection program and bridge management system, coordinating activities with law enforcement in the evaluation of vehicles for oversize and overweight permits and providing technical assistance to divisions and districts for construction, inspection, repair and maintenance activities of structures.

JEFFREY MCRAE, PE | YRS OF EXP: 24 | MS PE #15153

Bridge Design

Mr. McRae is currently involved in various bridge design projects. His responsibilities have included the completion of contract plans from the conceptual stage through final design on numerous bridge design projects, generation of bridge quantity calculations, checking of concrete and steel bridge shop drawings and bar lists, and generation of substructure and superstructure design calculations. He has also performed the duties of project manager on several bridge design projects and three bridge inspection projects.

LAYTON BREITHAUPT, EI | YRS OF EXP: 3 | MS EI #29138

Bridge Design

Mr. Breithaupt's main responsibility is to aide in the design of bridges. He has experience in designing bridges for MDOT, West Virginia DOT, and Georgia DOT. Mr. Breithaupt had internships that allowed him to hone in on drafting and design skills along with 3D modeling. He also had the opportunity to work on many LiDAR projects during the internships.

MIKE CRESAP, PE | YRS OF EXP: 29 | MS PE #12792

Bridge Design

Mr. Cresap joined Michael Baker as part of the Bridge Engineering team in the Ridgeland, Mississippi office after previously serving with the Mississippi Department of Transportation (MDOT) for 29 years. His experience includes supervision of structural and hydraulic design and plan preparation activities, constructability reviews, and providing technical assistance for construction, inspection, repair and maintenance activities of structures.

BROOKS MILLER, JR., PE, PTOE | YRS OF EXP: 22 | MS PE #15573

Traffic Analyses, Traffic Signal Plans, Permanent Signing Plans & Details

Mr. Miller provides planning and engineering design to state DOTs as well as county and local municipal transportation clients in both Alabama and Mississippi. Mr. Miller has been with Michael Baker for over 20 years, designing and managing roadway and traffic design projects. Mr. Miller has gained valuable planning, roadway and

traffic related experience working on numerous DOT projects. He has served as project manager on numerous high-profile highway design and rehabilitation projects involving design coordination, plan development, signing and pavement marking details development, traffic signal design, community outreach, contractor coordination and issue resolution, and intricate maintenance of traffic and construction phasing design.

CELINA SUMRALL, PE | YRS OF EXP: 26 | MS PE #14930

Traffic Analyses, Traffic Signal Plans

Mrs. Sumrall joined Michael Baker as a Project Manager in Transportation after a 17-year career with the Mississippi Department of Transportation (MDOT). She has extensive experience in the transportation field and project management at multiple levels having served as a materials field engineer, assistant state maintenance engineer, state maintenance engineer, area traffic engineer, and Intelligent Transportation Systems engineer. Prior to her time at the MDOT, she worked for the Mississippi Department of Environmental Quality for eight years as an specializing in air permitting and compliance.

CARLA DIETRICH, PE, PTOE | YRS OF EXP: 24 | MS PE #16165

Traffic Analyses, Traffic Signal Plans

Ms. Dietrich is experienced in traffic engineering and transportation planning studies. She has served as a traffic task manager on various projects including conceptual engineering studies, corridor studies, feasibility studies, interchange justification reports, and traffic analysis in support of environmental documents. Ms. Dietrich is knowledgeable in the areas of traffic signalization, safety, complete streets, access management, VMT, bicycle and pedestrian design, and context sensitive solutions. Her technical expertise includes crash analysis, traffic simulation, capacity analysis including roundabouts and coordinated signal systems, queuing analysis, and trip generation analysis.

TJ HOLLIDAY, PWS | YRS OF EXP: 23

Environmental Studies

Mr. Holliday is an environmental scientist with experience managing projects involving various levels of environmental review and other issues related to the National Environmental Policy Act (NEPA). Mr. Holliday's primary project responsibilities include data collection and analyses, mapping and aerial photo interpretation, document preparation, agency coordination, public and stakeholder outreach, and regulatory permitting and compliance.

ELIZABETH BROCK | YRS OF EXP: 7

Environmental Studies

Ms. Brock has experience in the environmental consulting profession, with an emphasis in natural resources investigation and related GIS mapping. Her expertise includes Environmental Site Assessments (ESAs), wetland delineations and evaluations, and Joint Permit Applications. She has conducted Phase I Environmental Site Assessments (ESAs) for projects pursuant to ASTM Standard E1527-13, which involves site inspections, land records reviews, aerial photograph analyses, topographic and geologic reviews, and technical report preparation.

STEVE LYLE, PS | YRS OF EXP: 47 | MS PLS #2474

Field Survey & Inspection, ROW Maps and Deeds

Mr. Lyle has been providing survey services for the majority of his 47-year career, including 37 years at MDOT. Mr. Lyle leads a team of surveyors providing technical support, managing, coordinating and supervising land surveys conducted as part of preconstruction activities, and as necessary for acquiring land. As a hands-on Project Manager, Mr. Lyle will be involved in the day-to-day activities. He will engage with the City's staff to ensure the City's needs are met and the deliverables meet their requirements.

MITCH TYLER, PS | YRS OF EXP: 41 | MS PLS #2697

Field Survey & Inspection, ROW Maps and Deeds

Mr. Tyler has extensive experience and familiarity with MDOT safety and data standards. Mr. Tyler's expertise includes 41 years of CADD

and surveying experience and a multitude and variety of surveying tasks on bridge and roadway projects across the state. He brings his extensive knowledge of MDOT operations, safety, data preferences, and understanding of project needs. As Survey Technical Lead, Mr. Tyler provides unequaled depth and breadth of survey leadership, scheduling, and knowledge.

TREY BROWN, III, PS | YRS OF EXP: 11 | MS PLS #26984

Field Survey & Inspection

Mr. Brown manages survey crews performing boundary, topography, ALTA, ROW, and construction surveys for public and private clients. He is also responsible for the operation and maintenance of survey equipment, taking field notes, data collection, performing calculations and working with Michael Baker staff and MDOT on these projects. Mr. Brown is proficient with electronic data collection systems and processes; he downloads and processes data files, and performs complex survey computations. He thoroughly inspects and checks deliverables for accuracy and correctness, including field note sheets and electronic data collection files.

STEPHEN CLANCY, PSM, PS, GISP | YRS OF EXP: 20 | MS PLS #25124

LiDAR

Mr. Clancy is a licensed Professional Surveyor and Mapper with extensive experience in GIS, LiDAR, GPS and traditional surveying and mapping. In addition to serving in various capacities in surveying and GIS related activities, Mr. Clancy also has many years of university teaching experience in the fields of geomatics, photogrammetry, and GIS. Mr. Clancy has a diverse and broad background in the Geospatial Sciences and is charged with the technical management and operational oversight of Michael Baker's Mobile LiDAR systems and LiDAR processing, nationally.

SHAWN WOZENCRAFT, PE | YRS OF EXP: 23 | MS PE #17068

Hydraulic Design, Utility Relocation

Mr. Wozencraft has more than 23 years of experience as a Civil Engineer and Project Manager. His recent experience includes: utility design and construction, transportation design and construction, and structural design and construction. His past project experience include: project management, environmental permitting, wetlands permitting, construction management, site design, disaster assistance management, transportation, master planning, and H&H studies/ modeling.

WILL O'REILLY, PE | YRS OF EXP: 32 | MS PE #12619

Erosion Control Plans, Permanent Signing Plans & Details

Mr. O'Reilly has 32 years of experience in construction and traffic engineering and spent the past 12 years with the MDOT before retiring as the Traffic Program Engineer. He was the point of contact for the FHWA Mississippi Division Office for Work Zone and Roadside Safety Devices, and the primary contact within the MDOT Traffic Engineering Division for questions concerning permanent and temporary signing. He served as a trainer for the Mississippi Local Technology Assistant Program (LTAP) and taught, "Introduction to the Manual of Uniform Traffic Control Devices, Sign Retro reflectivity Standards, and Sign Installation and Maintenance" classes.

EDDIE TEMPLETON, PE | YRS OF EXP: 43 | MS PE #9128

Burns Cooley Dennis, Inc.
Geotechnical and Materials Engineering Consultants

Geotechnical Investigations

Mr. Templeton has over 40 years of experience in the geotechnical engineering profession. His advanced education includes an M.S. degree in Geotechnical Engineering from Mississippi State University. Prior to joining Burns Cooley Dennis, Inc. in 1991, he served for nine years at the Vicksburg District USACE and for two years at Tensar Earth Technologies. He is experienced in a wide variety of engineering projects including bridges, roadways, retaining walls, earth slide remediation, navigation structures, flood control structures, earth dams, single and multi-story buildings, wastewater treatment facilities, industrial facilities, towers, tanks and landfills. He has been responsible for all phases of geotechnical investigations and analyses.

RANDY AHLRICH, PHD, PE | YRS OF EXP: 35 | MS PE #10181

Burns Cooley Dennis, Inc.
Geotechnical and Materials Engineering Consultants

Geotechnical Investigations

Dr. Ahlrich is Construction Materials Engineering and Testing Services Manager at BCD. He has 35 years of experience in the civil

engineering profession with emphasis in the areas of pavement design and construction, geotechnical engineering, materials testing and construction inspection. He has worked on a variety of projects that include city streets, county roads, highways and bridges, airfields, residential and retail developments, industrial facilities, multi-story commercial buildings and intermodal facilities.

KEVIN WILLIAMS, PE | YRS OF EXP: 20 | MS PE #18338

Geotechnical Investigations

Mr. Williams has over 20 years in the civil engineering profession. He presently serves as Asphalt Materials Engineer for BCD. His duties include managing asphalt materials laboratory and field testing services for MDOT, Office of State Aid Road Construction, county, FAA, FHWA and commercial projects. These services include asphalt materials sampling and quality control (QC), quality assurance (QA), and asphalt binder testing.

ROBERT VARNER, PE | YRS OF EXP: 35 | MS PE #13614

Geotechnical Investigations

Mr. Varner is responsible concrete materials testing for BCD. Robert reviews all concrete field and laboratory test reports and is responsible for maintaining high quality concrete testing services and high competency levels for AASHTO laboratory accreditation. He also is responsible for special inspections at BCD. These services include inspection of pre-cast concrete bridges for the Mississippi Office of State Aid Road Construction and commercial buildings under the International Building Code.

MARCOS RODRIGUES, PE | YRS OF EXP: 14 | MS PE 20264

Geotechnical Investigations

Mr. Rodrigues has been engaged in the field of geotechnical engineering for over 14 years. He has experience in a wide variety of engineering projects including bridges, roadways, retaining walls, earth dams, single and multi-story buildings, industrial facilities, towers, tanks and forensic investigations. He has been responsible for all phases of geotechnical investigations, analyses and reporting.

JIM TURNER, II, MAI | YRS OF EXP: 18

ROW Acquisition Services

Mr. Turner has a Mississippi Real Estate Broker's License and has been a long standing member of the National Association of Realtors, the Appraisal Institute, and a current member of IRWA Chapter 40. He is currently licensed as a Certified General Real Estate Appraiser (GA-854). Mr. Turner is proficient in income models, linear regression and statistical analysis, feasibility studies, cost analysis, and sales comparison analysis. Mr. Turner has completed multiple Right-of-Way acquisition appraisals for proposed and existing roadways and public easements. Mr. Turner has the abilities and knowledge to work closely with project engineers and attorneys throughout any public improvement design and acquisition process and is available to aid in feasibility analysis driven design to minimizing property damages, right of entry agreements for survey and planning purposes, appraisal, appraisal review, acquisition, and settlement negotiation processes.

JOHN PRAYTOR, MAI, AI-GRS | YRS OF EXP: 34

ROW Acquisition Services

Mr. Praytor has been actively engaged in real estate valuation and consulting since 1987. He has extensive experience in the valuation of regional malls, community/neighborhood shopping centers, office buildings - CBD and suburban, warehouse/distribution, multi-family (including CBD condominium development), hotels and motels, vacant land and special purpose properties. Clients served include banks and financial institutions, developers and investors, law firms, business/industry and government, and mortgage bankers. Valuations have been performed for condemnation purposes, estate and financing. Experience is concentrated in metropolitan properties including office buildings, industrial buildings, apartments, senior housing, shopping centers, convenience stores, health facilities, condemnation, and litigation support.

3. PAST PERFORMANCE

3. PAST PERFORMACE

The City will benefit from the knowledge Michael Baker has gained through more than 75 years of hands-on experience providing similar engineering and design services for projects comparable to those in this contract.

U.S. HIGHWAY 49 IMPROVEMENTS BETWEEN FLORENCE AND THE SCALES AREA RANKIN COUNTY, MS

Michael Baker provided engineering services for roadway and bridge construction plans on U.S. 49 between Florence and the Scale Area just south of I-20. Michael Baker's services include the development of detailed design plans for bridges and roadway, including conceptual lighting, traffic control, signing, signalization, and intelligent transportation systems.

Michael Baker developed design plans for the widening of approximately eight miles of roadway from four lanes to six lanes with improvements at several intersections. The project included approximately 6 miles of curb and gutter storm drainage. The project also included a No Rise study at three locations; Indian Creek Tributary 1, Pearl River Tributary 1 and Pearl River Tributary 2. All concrete pavement will be removed and replaced with new asphalt pavement.

The design plans included earthwork quantities, pavement typical sections and details, and other specified plan details and quantities needed for the construction of the project. Two sets of twin bridges will be constructed to replace existing bridges, and one set of twin bridges will be widened. All bridges are hydraulic crossings and will be concrete AASHTO beam-type bridges.

RELEVANCE: No rise study, bridge hydraulic design, roadway design

CLIENT & CLIENT CONTACT

Mississippi Department of Transportation

David Seal, PE
Roadway Design Division Engineer
601-359-7250
dseal@mdot.ms.gov

PROJECT COST

$4,147,103(Fee)

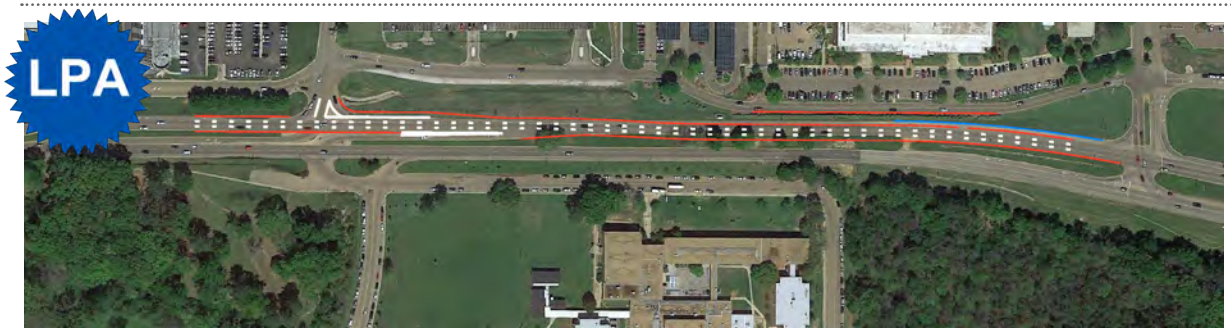
DATES

Initiated:7/25/2012
Scheduled Completion: 3/09/2017
Completed: 5/04/2017*

*Additional effort to complete final revisions from QC Reviews

ROLE

- Prime
- Roadway design
- Bridge design
- Traffic control plans
- Signing plans
- Signalization plans
- Intelligent transportation system plans
- Conceptual lighting plans
- H&H (3 No-Rise studies)
- Erosion control plans
- Roadway drainage design



WOODROW WILSON AVENUE RESURFACING HINDS COUNTY, MS

Michael Baker provided engineering services for resurfacing of Woodrow Wilson Avenue from Mill Street to I-55. The project area encompassed approximately 1.3 miles of four-lane highway. The project included mill and overlay up to the end of the bridge over the CN railroad, including the frontage road; concrete repair/replacement for pavement beneath the asphalt pavement (where necessary); upgrades to traffic signalization at the State Street intersection and the West Street intersection; and drainage and sidewalk improvements. Capacity was increased by adding a lane westbound from I-55 to N. State St.

Michael Baker surveyed the project area to prepare preliminary and final contract plans in accordance with the client's current Design Manual. The work included centerline, horizontal, and vertical control; applicable hydraulic survey; topographic survey along the proposed centerline; applicable utilities identification; and field staking.

Michael Baker performed Mobile LiDAR data collection services along Woodrow Wilson Avenue.

Michael Baker also provided a geotechnical investigation report that included test locations, pavement thickness, boring logs, field and laboratory testing results, and recommendations pertaining to pavement repair and rehabilitation.

Woodrow Wilson also required a CE for NEPA documentation that included agency coordination, wetland studies, cultural resources (historic structures), and a hazmat investigation.

RELEVANCE Mobile LiDAR, LPA, City entity, roadway design, NEPA

CLIENT & CLIENT CONTACT

City of Jackson Public Works Dept.

Charles Williams, Jr., Ph.D., P.E.
Engineering Manager
601-960-1651
Cwilliams@city.jackson.ms.us

PROJECT COST

$295,414 (Fee)

DATES

Project Initiated: 6/27/17
Scheduled Completion: 9/30/19
Actual Completion: 9/30/19

ROLE

- Prime
- LPA
- Field survey
- Mobile LiDAR
- Environmental services
- Geotechnical investigation
- Final PS&E
- Bidding phase services

MARTIN BLUFF ROAD IMPROVEMENTS JACKSON COUNTY, MS

Michael Baker provided engineering and environmental services for the widening and signalization of Martin Bluff Road from Gautier-Vancleave Road to the service road just north of I-10, pavement improvements to the remaining portion of the road, and replacement of the bridge near Homestead Boulevard. Michael Baker's services included field investigations, environmental studies and preparation of a categorical exclusion document, preliminary and final design, wetland delineation, surveying and mapping, ROW support, utility coordination, geotechnical investigation, hydraulic modeling, bidding-phase services, and construction services.

Martin Bluff Road is a two-lane major collector road used by an average of 9,000 vehicles per day. The road has 10- to 12-foot-wide travel lanes with minimal shoulders and roadside ditches. It is bounded on the north with a densely developed subdivision and on the south with multifamily residential units. There are numerous utility structures adjacent to the roadway. The project widened the road, added a center left-turn lane along the entire two-mile project area, added a traffic signal at the intersection with Gautier-Vancleave Road, and replaced the bridge near Homestead Boulevard.

Martin Bluff required a CE for NEPA documentation that involved all components of NEPA, including agency and stakeholder coordination, relocations, hazmat, wetlands, cultural resources, T&E, permitting, and public involvement.

Michael Baker staff in Ocean Springs served as the lead for this project, but they were supported in design by the Ridgeland office staff.

RELEVANCE Roadway design, environmental, LPA, bidding phase services

CLIENT & CLIENT CONTACT

City of Gautier

Paula Yancey
City Manager
228-497-8000
citymanager@gautier-ms.gov

PROJECT COST

$513,973 (Fee)

DATES

Project Initiated: 6/27/2011
Scheduled Completion: 12/31/2019
Completed: 8/15/2019

ROLE

- Prime
- LPA
- Field investigations
- Surveying and mapping
- Environmental investigations
- Wetland permitting
- CE preparation
- ROW support
- Hydraulic modeling
- Preliminary and final roadway and bridge design
- Bidding-phase services
- Construction services
- Signalization plans

REUNION PARKWAY - PHASE III MADISON COUNTY, MS

Michael Baker provided design services for two bridge sites along Phase 3 of the Reunion Parkway in Madison County, Mississippi. The scope included developing Phase B Final Bridge Plans for a 880-ft bridge over Bear Creek and a 530-ft bridge over the Illinois Central Railroad.

This project is to provide Final Construction Plans for Reunion Phase III, an east/west connector between Galleria Parkway and US 51. This project includes field surveys, bridge design and roadway design. The first phase of the project will be a two-lane two-way roadway with bike lanes. The project includes one hydraulic bridge, and one railroad bridge. The length of the project is approximately 1.6 miles in length. Future design plans will include a boulevard roadway with four through lanes, bike lanes, and a raised median. Coordination with Madison County Officials and MDOT during this project has been critical for it success. The project has an aggressive timeline with many different stakeholders involved in the environmental process of the project.

RELEVANCE Bridge hydraulic analysis and design

CLIENT & CLIENT CONTACT

Madison County Board of Supervisors

Tim Bryan, PE
Madison County Engineer
601-573-5394
tim.bryan@madison-co.com

PROJECT COST

$312,946 (Fee)

DATES

Project Initiated: 8/14/2018
Scheduled Completion: Est. 6/30/2021
Completed: On-going

ROLE

- Subconsultant
- Bridge design
- Box bridge design
- Quantities
- Railroad coordination

SAFE ROUTES TO SCHOOL CEI PROJECT MADISON COUNTY, MS

Michael Baker provided engineering services for the city of Canton Safe Routes to School project. Tasks included construction engineering inspection, surveying, invoice preparation, final invoice documentation, and project record keeping and correspondence.

Michael Baker assisted the client by providing bidding phase services necessary to obtain construction bids for this project. Services included conducting a pre-bid conference for potential bidders, attending and assisting with the opening of the construction bids, and reviewing bids for compliance with the contract documents. Michael Baker prepared a recommendation of award for the construction contract. After the contract was awarded, Michael Baker arranged and led a preconstruction conference and handled all construction administration, including furnishing survey crews, inspectors, project engineer, office clerical staff, vehicles, and all equipment and supplies.

To assure compliance with project plans and specifications, Michael Baker inspected all work completed by the contractor.

Michael Baker maintained the records and files for this project, including all inspection diaries, log books, survey staking records, survey crew diaries, and documentation necessary to justify payments, according to MDOT standards. Monthly contractor pay estimates were prepared and submitted for review and approval. Additionally, Michael Baker hosted semi-monthly meetings with the client and contractor.

RELEVANCE LPA, bidding phase services, safety project to add sidewalks near schools, environmental

CLIENT & CLIENT CONTACT

Mississippi Department of Transportation

Lee Frederick, P.E.
State LPA Engineer
601-359-7675
lfrederick@mdot.ms.gov

PROJECT COST

$156,241 (Fee)

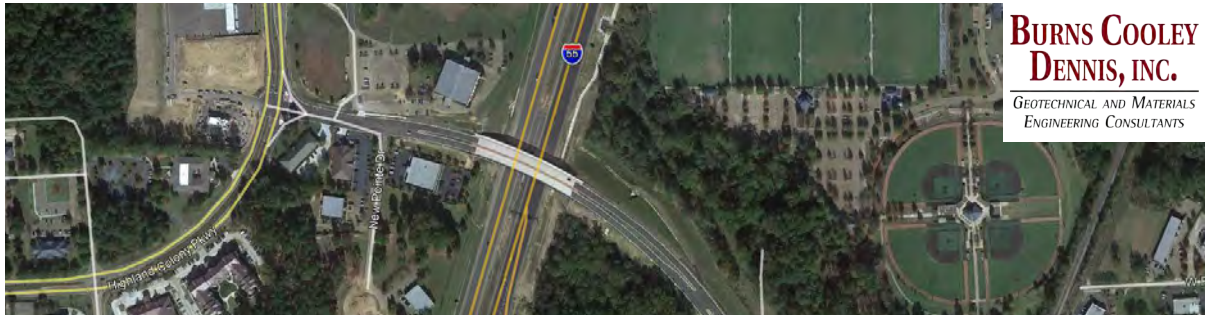
DATES

Project Initiated: 7/16/2015
Scheduled Completion: 10/23/2020

Completed: 9/4/2020

ROLE

- Prime
- LPA
- Roadway and sidewalk design plans
- Drainage study
- Cultural resources investigation
- Bidding phase services
- Construction administration
- Construction inspection



BURNS COOLEY DENNIS, INC.
GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

LAKE HARBOR DRIVE EXTENSION MADISON COUNTY, MS

Burns Cooley Dennis, Inc. (BCD) performed the centerline soil profile and provided geotechnical engineering services for the design of a new bridge over I-55 for the Lake Harbor Drive Extension in Ridgeland, Mississippi. The bridge over I-55 will have a total length of about 415 ft and will consist of four pre-stressed concrete beam spans. The approach embankments will have a maximum height of about 27 ft. Pile supported cantilever retaining walls are required along the flanks of the east and west approach embankments.

Subsurface soil conditions along the alignment of the bridge and retaining walls were explored by means of six borings. Laboratory testing was performed to investigate the classifications, volume change characteristics, and shear strengths of the soils encountered in the bridge and retaining wall borings. Recommendations were developed for H-pile, prestressed concrete pile, and drilled shaft foundations. Analyses were performed to evaluate the settlement and stability of approach embankments. The seismic site classification and site variability were established based on LRFD criteria, and appropriate resistance factor and load test recommendations were provided.

Along the entire alignment of the Lake Harbour Drive Extension, BCD tabulated areas in which high volume change soils, muck, and undesirable soils were encountered. A centerline profile was provided that documents the strata of soils encountered.

BCD performed dynamic pile testing (PDA) of test/production prestressed concrete piles and provided recommendations for production pile tip elevations; and evaluation of the proposed driving system and driving criteria recommendations for production piles were based on the PDA and Wave Equation Analyses (WEAP).

BCD interpreted and provided recommendations for production shaft tip elevations using the results of the Bi-Directional load testing performed by the contractor.

RELEVANCE Geotechnical services

CLIENT & CLIENT CONTACT

City of Ridgeland
Prime: Waggoner Engineering

Hunter Arnold, PE
Project Manager
601-355-9526
hunter.arnold@waggonereng.com

PROJECT COST

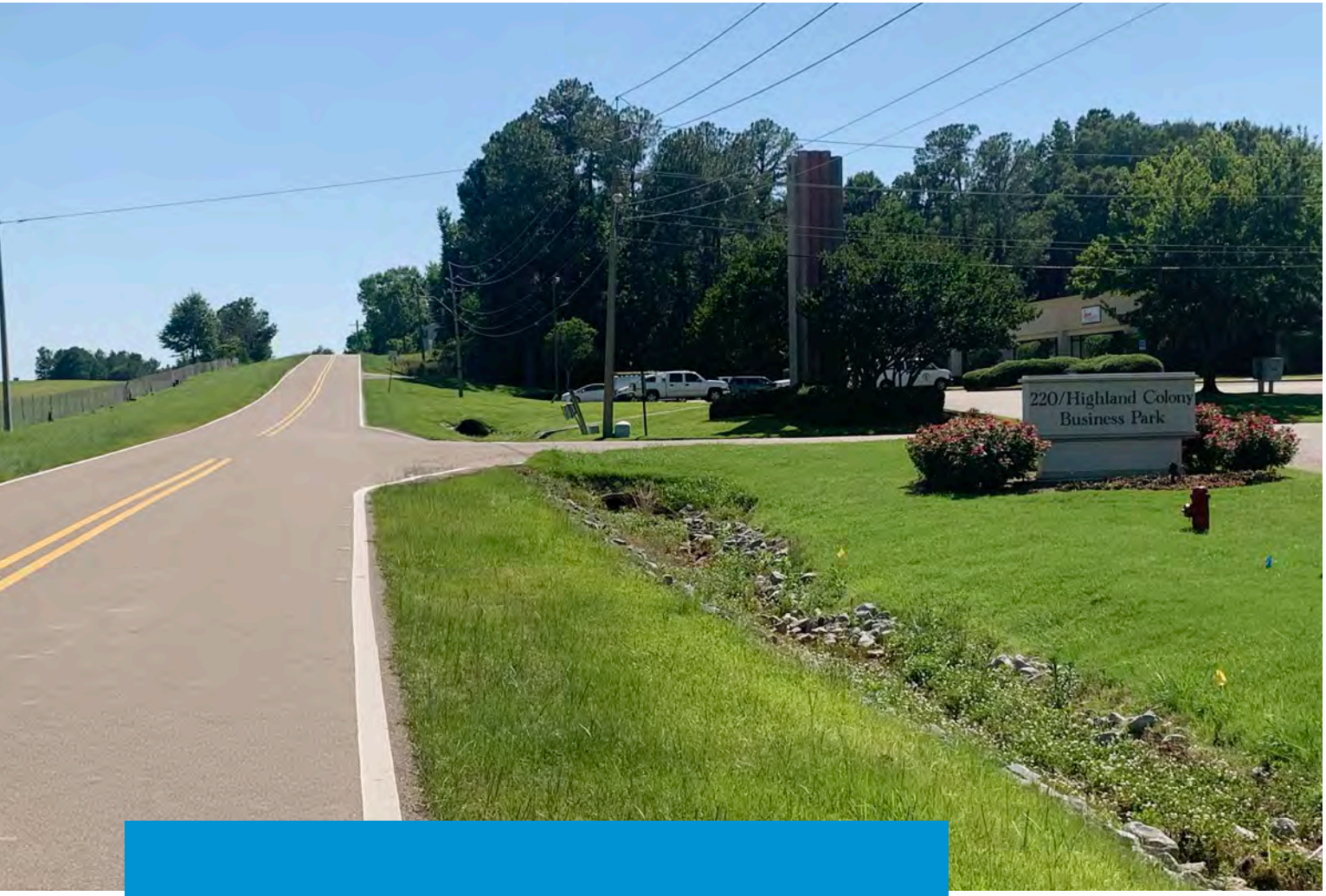
$267,000 (Fee)

DATES

Project Initiated: 3/2013
Scheduled Completion: 9/30/2020
Completed: 9/3/2020

ROLE

- Subconsultant
- Geotechnical engineering services
- Centerline soil profile



4. REFERENCES

4. REFERENCES

The City will benefit from Michael Baker's greatest asset: our staff and our subconsultants who consistently complete successful projects throughout our community.

CHARLES WILLIAMS, JR., PHD, PE

Public Works Director

601-960-1651

Cwilliams@city.jackson.ms.us

City of Jackson Public Works Dept.

200 S. President St.

Jackson, Mississippi 39205

Woodrow Wilson Resurfacing, Hinds County

Completed 9/30/19

DAVID SEAL, PE

Roadway Design Division Engineer

601-359-7250

dseal@mdot.ms.gov

Mississippi Department of Transportation

401 North West Street

Jackson, Mississippi 39201

HWY 49 from Florence to Scale Area, Rankin County

Completed 5/4/17

Construction Ongoing

TIM BRYAN, PE

Madison County Engineer

601-573-5394

tim.bryan@madison-co.com

Madison County Board of Supervisors

125 West North West Street

Canton, MS 39046

Sulphur Springs Lake Dam Hydrology and Hydraulics Study,Madison County

Report Completed 4/30/21

5. APPROACH

5. APPROACH

The City will have an attentive professional consultant with Michael Baker. Our availability and close proximity to the project area will allow our team to respond quickly to any unforeseen demands as needed.

The City has experienced growth in the southwest area of the City over the past several years resulting in a tremendous increase in commuter and commercial traffic. It is anticipated that development will continue to grow; therefore, a proactive approach to transportation system planning is a critical element to maintaining a high operational level of service that can foster the quality environment the City desires. The roadway infrastructure needs will be compounded with the recently approved location of both UPS and Southern Beverage distribution hubs in the area. Michael Baker's Ridgeland office is located in the heart of this growing area.

Southbound Cole Road

WE NOT ONLY HAVE THE EXPERTISE REQUIRED FOR A PROJECT OF THIS SCOPE, WE HAVE INTIMATE KNOWLEDGE OF THE TRAFFIC PATTERNS AND NEEDS IN THIS AREA.

The Michael Baker team will pull from each other's strengths in surveying, environmental, design, and analysis to provide the City with the most accurate set of Construction Plans and Maps and Deeds. Together this proven team of Mississippi designers, planners, and engineers will exceed the City's expectations in design while maintaining the design production schedule. The project will be developed in accordance with the LPA process and procedures, of which our team has many years of combined experience.

Kenny Collins, PE, will serve as overall Project Manager and Point of Contact with the City. He has experience serving as team leader with these team members and provides the proven leadership required for the delivery of this project.

The Michael Baker team's understanding and approach for the project are in the pages that follow.

1. **220 HIGHLAND COLONY BUSINESS PARK**
2. **LOCATION OF NEW SOUTHERN BEVERAGE DISTRIBUTION CENTER**
3. **LOCATION OF NEW UPS DISTRIBUTION CENTER**
4. **DINSMOR SUBDIVISON**
5. **HIGHLAND HOME**
6. **BEAU RIDGE**
7. **HIGHLAND ELEMENTARY SCHOOL**
8. **STORAGE MAX**
9. **ENTERGY POWER LINES**
10. **MICHAEL BAKER INTERNATIONAL, INC.**

1. FIELD SURVEY SERVICES

Michael Baker has a proven and experienced survey staff that will be able to provide all surveying required to support all aspects of this project. The Survey Manager proposed for this project is Michael Baker's Steve Lyle, PS. Mr. Lyle has more than 47 years of experience in field survey and is the retired State Surveyor for MDOT and will manage the field survey collection and processing of data. Field survey will include, but not be limited to the following, survey of existing ROW, survey for new ROW, survey for construction plans, property maps, acquisition maps, parcel plats, topographic features, hydrographic features, utility relocations and quality assurance.

Michael Baker also owns and operates four of the most innovative and productive surveying and mapping solutions using Mobile LiDAR technology, to augment conventional survey operations and provide expanded capacity to accelerate your schedule if desired. Michael Baker's national fleet of Mobile LiDAR units are based from our Ridgeland, MS office, and employ dual Class 1 (eye safe) lasers capable of collecting over 1.2 million points per second to engineering-grade accuracies, that create a 1:1 scale model of all natural and as-built conditions within the ROW. In addition, the systems include an integrated Ladybug 360° spherical camera capable of capturing up to nine frames per second to facilitate feature identification, image draping, and overall scene comprehension; while advanced positioning systems provide the framework for accurate, repeatable, and defensible results.

Michael Baker is the recognized leader in the Mobile LiDAR profession and has been the trusted provider of Mobile LiDAR services to DOTs, Transportation agencies, and municipalities for the past 12 years. Our Mobile LiDAR team has successfully performed over 400+ projects throughout 29 different U.S. states (as well as multiple countries), guided 12 DOT's through their first-ever adoption of Mobile LiDAR deliverables – including Mississippi DOT, and the performance of numerous projects within the Ridgeland city limits along I-55, I-220 and intersecting roadways.

Our team of experts combines the experience and cohesive network that will consistently deliver on all fronts for the City. Our quality-driven staff has a deep familiarity with the varied complexities of topographic and boundary survey requirements, as well as various logistics and methodologies needed to successfully deliver complex projects. Each key member of our survey and Mobile LiDAR team has established a proven track record of advancing similar projects to successful conclusions.

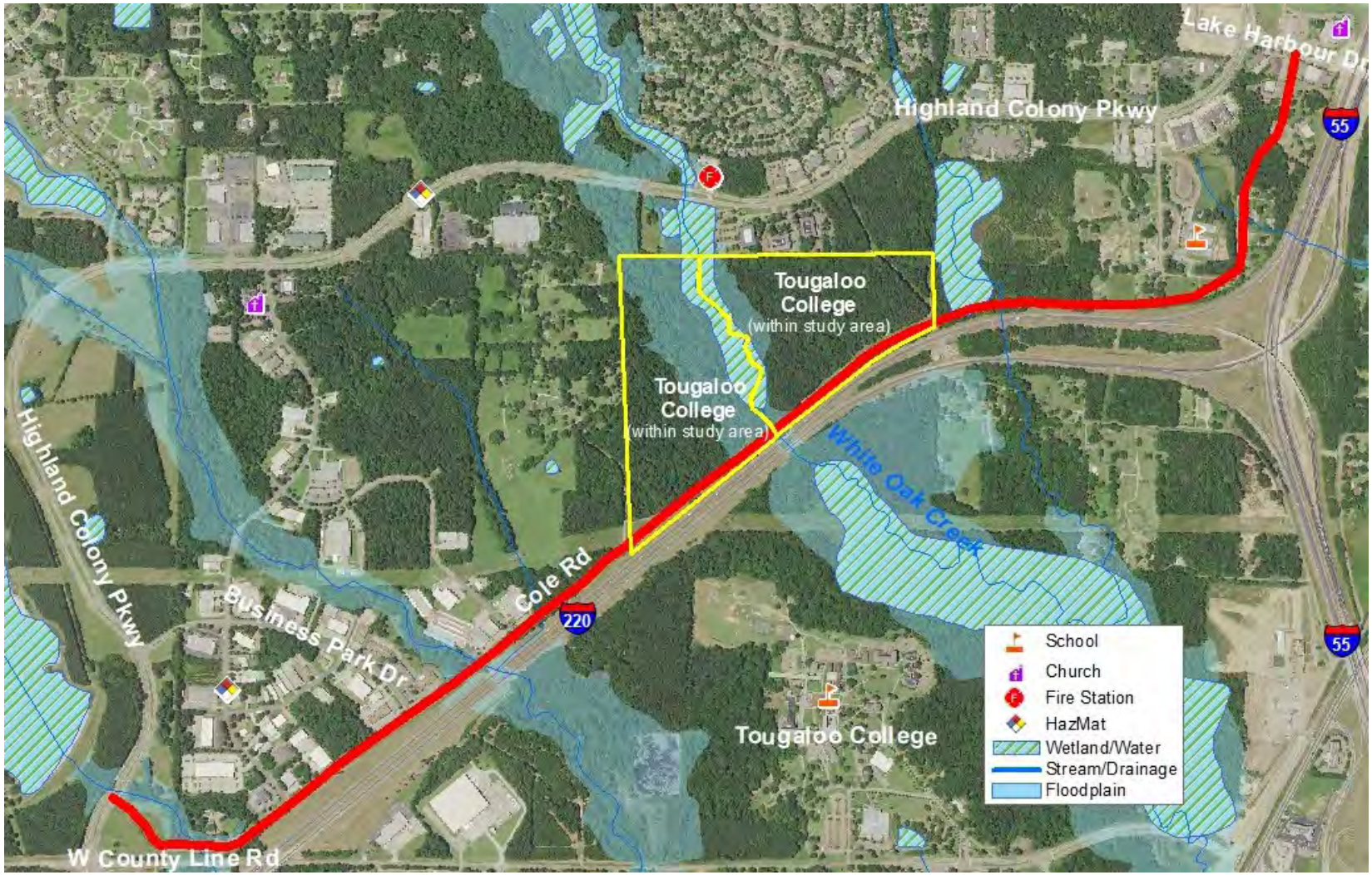
THE USE OF OUR LIDAR TECHNOLOGY WILL EXPEDITE THE SURVEY REQUIREMENTS SO THAT DESIGN WORK CAN BEGIN AS SOON AS POSSIBLE. ALL FEATURES NOT COLLECTED BY THE LIDAR WILL BE FIELD SURVEYED.

2. GEOTECHNICAL SERVICES

Randy Ahlrich, PE and **Eddie Templeton, PE,** of Burns Cooley Dennis, Inc., with a combined total of 80 years of experience in the geotechnical field will lead the efforts for Geotechnical and Soil Profile Services. Mr. Templeton and his team at BCD have considerable knowledge of the geology in the City of Ridgeland project area. Working closely together, we will be able to share and utilize this geotechnical knowledge, which will only strengthen our team throughout the roadway and bridge design process. The vast knowledge of the BCD team members will facilitate an efficient evaluation and design of the geotechnical elements of the project.

3. ENVIRONMENTAL SERVICES

Michael Baker's environmental staff will be able to provide all environmental and NEPA documentation services required to support the design process for the Highland Commerce Drive project. **TJ Holliday, PWS**, Environmental Manager, will coordinate the environmental studies (natural resources, including wetlands and federal and state listed species; cultural resources; socioeconomics and community impacts; hazardous materials; air quality and noise impacts; secondary and cumulative impacts; and public involvement). He will maintain project schedules and serve as the primary point of contact with staff from the various related environmental disciplines.



Upon notice to proceed, Michael Baker will immediately begin the environmental review. The proposed Michael Baker team has many years of experience conducting NEPA reviews on projects of comparable size and scope, which will help expedite this phase of the project so that the project can be completed within the City's expected timeframe. We propose to do this by using our proven approach of completing the environmental and design tasks concurrently.

Mr. Holliday will coordinate the environmental review with the design team. He will work closely with **Ronald Stuart, PE**, and **Kenny Collins, PE**, in laying out proposed alignments for the environmental study. We will use GIS data from readily available sources along with field-collected GPS/GIS data to populate a GIS database, which will include the project design. The database will be used to identify and quantify potential project impacts that will be relayed back to the design team so that impacts can be avoided and/or minimized throughout the design process. This collaborative approach has helped us to expedite the NEPA review process, and ultimately the project schedule, on many projects. Mr. Holliday and Mr. Stuart are also very familiar with the LPA process and will ensure that this project carefully follows all necessary steps of the LPA process. Mr. Holliday and the Michael Baker discipline leads will complete the NEPA review in an expedited manner to meet the City's overall project schedule and will ensure that the most cost-effective alignment is used for this project with the least impacts.

While NEPA reviews generally consider a wide range of issues related to a project's impacts on the natural and built environments, some issues require a more detailed investigation than others. For the Highland Commerce Drive project, it is expected that potential impacts to wetlands and other waters of the U.S. will require a more detailed study than other issues under the NEPA umbrella. White Oak Creek is a perennial stream that extends through the center of the project area. This stream, its tributaries, and associated floodplains will be evaluated for impacts. Working with our design team, we will carefully try and avoid or minimize impacts. Highland Elementary School and its proximity to the project area is another potential issue that will be carefully investigated. Other project constraints such as cultural resources, community impacts, and hazardous materials will also be evaluated. The environmental phase of the project will involve coordination with various resource and regulatory agencies, and our team has longstanding working relationships with the agencies expected to be involved with the project.

White Oak Creek Tributary

Public involvement is also an important aspect of any project such as this. To ensure the needs of the community are being met and to comply with existing City of Ridgeland and MDOT policy and guidance, we will engage stakeholders and the public as part of the environmental review process, as their input and support is necessary for successfully moving this project forward to construction. If necessary, Michael Baker will facilitate a public meeting in conjunction with the City and MDOT.

4. ROADWAY DESIGN AND PLAN DEVELOPMENT,

Michael Baker will use traffic projections and collect traffic count data to perform a complete traffic analysis for the proposed roadway and related bicycle and pedestrian facilities. During the traffic analysis, our team will study the corridor and relevant site information to develop the conceptual plans. Traffic turning movement counts, trip generation data, and traffic projections will be compiled for the study area. The conceptual plans will be prepared based on the desired number of alternatives requested by the City. Our team will work with the City and community partners to develop the layout of the roadway for optimal connectivity to the key adjacent corridors of Highland Colony Parkway, Lake Harbour Drive, and the Tougaloo College campus. The final layout will work to increase traffic flow, reduce traffic congestion, and mitigate crashes. Further, there is an opportunity here where we can not only

include accommodations for pedestrians and bicycle traffic, we can extend and strengthen the City's extensive multiuse path system for travel to the commercial sites, retail, and residential areas along the corridor. This sort of planning will work to draw people into the community and further develop the tax base of the area.

Phase A Right of Way plans will be prepared following selection of the build alternative for the project design. One of our first steps toward preparation of the Phase A Right of Way plans will be to use Bentley MicroStation and GEOPAK to design and store the alignments and profiles. Our team will ensure the horizontal and vertical alignments meet the minimum design requirements and there are no geometric flaws. From this point, the Michael Baker team will be able to create, maintain, and share project files via Microsoft Sharepoint, working together and seamlessly completing tasks throughout the design process. Our team realizes some of the most important traffic issues will be to address the overall safety of the traveling public, phase the construction of the project, and to maintain capacity on the existing road system during construction. Our goal will be to provide the City with an exceptional set of roadway design and construction plans. Michael Baker's experienced staff will be led by **Ronald J. Stuart, PE**. Mr. Stuart has been with Michael Baker for over 15 years, designing and managing roadway and traffic design projects.

In summary and based on the findings of NEPA review and traffic analysis, Michael Baker will prepare conceptual plans, preliminary right-of-plans, field inspection plans, and final ROW plans for the Highland Commerce Drive. Phase A final ROW plans will include plan and profile sheets, intersection details, cross sections, construction signing, preliminary traffic control, preliminary signing, and preliminary striping sheets.

5. BRIDGES / STRUCTURES DESIGN AND PLAN DEVELOPMENT

Michael Baker will lead the effort on the design of bridges and retaining walls (if required) and development of plans for these structures. As *Engineering News-Record's* #5 bridge design firm in the nation, Michael Baker has established a legacy of responding to the toughest bridge challenges with innovative and sustainable bridge designs. Our bridge design practice has been responsible for the design of thousands of linear feet of new bridge structure in all parts of the country and in a variety of environments. We take pride in making sure our bridge designs appropriately balance technical efficiency with aesthetics and cost, features that are so important in today's climate of heightened public scrutiny. We have the necessary resources to design and detail all types of bridge, both quickly and efficiently, while keeping overall construction costs in mind.

2021 ENR THE TOP 500 DESIGN FIRMS

31	Top 500 Design Firms
18	Top Pure Designers
5	Bridges*
14	Highways*
12	Transportation

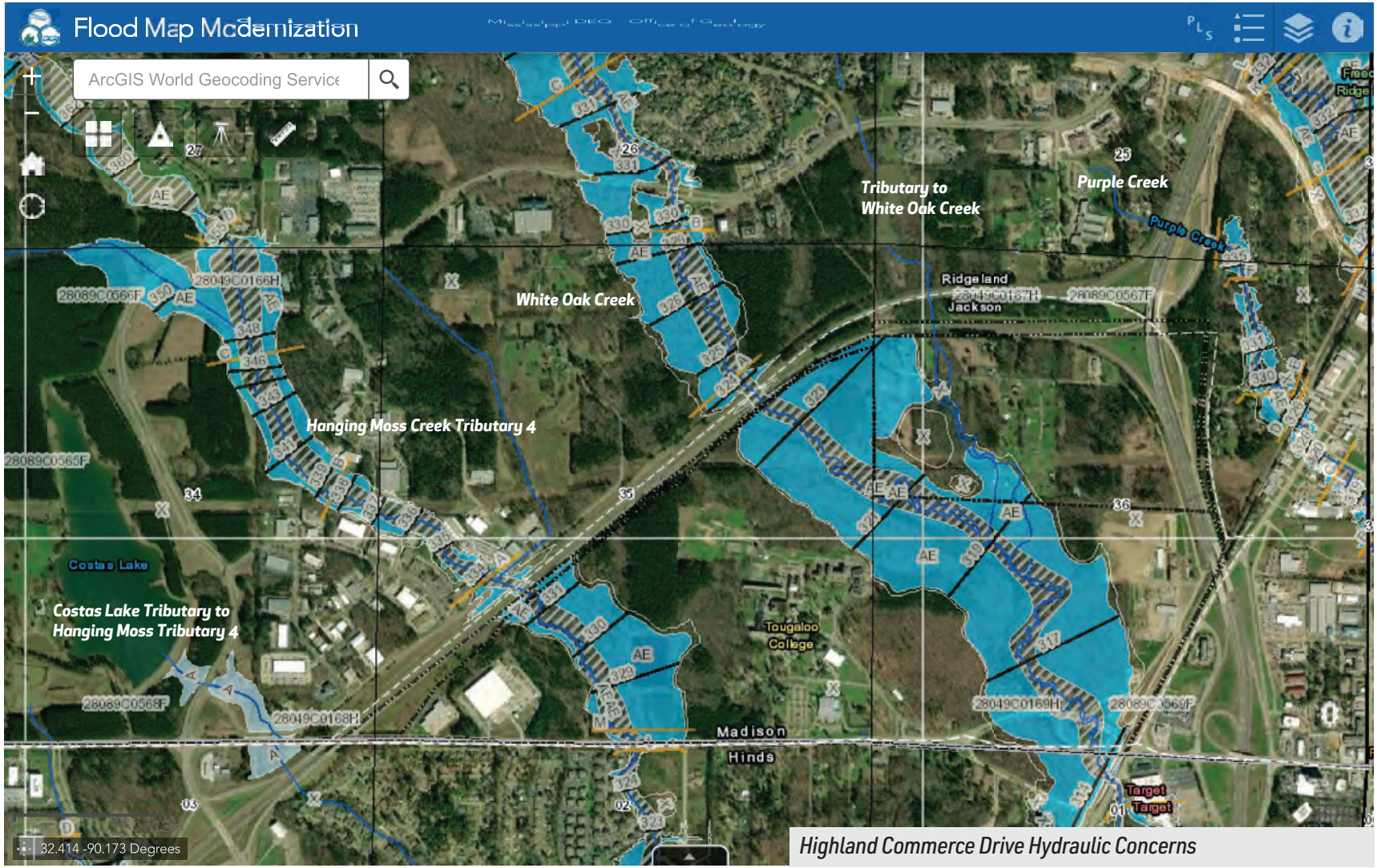
* 2020 listed – 2021 ranking not yet reported for this category

Mitch Carr, PE and Jeffrey McRae, PE have both worked closely with these bridge engineers in the past. Mr. Carr, former State Bridge Engineer for the Mississippi Department of Transportation (MDOT), will lead the Bridge team for Michael Baker, and has over 30+ years of experience on MDOT bridge design projects.

The Michael Baker team recently completed the design of the I-55 "Split Diamond" in Madison County, a project that involved the design of numerous bridges and retaining wall designs. Michael Baker worked closely with BCD on each of these structures to ensure proper design.

6. HYDRAULICS DESIGN

The Michael Baker team understands that the final design of all hydraulic and drainage systems is extremely important, and just as important will be the drainage during the of construction and traffic control phases. We understand that this project will require a close examination of the drainage to ensure that each phase of construction drains properly. Michael Baker's **Lei Wang, PhD, PE, CFM**, has extensive experience in H&H for bridges and roadways. Dr. Wang will lead the effort for all bridge and roadway drainage items for the team.



Highland Commerce Drive Hydraulic Concerns

For this project, there are three main hydraulic crossings along the proposed alignment, White Oak Creek, a Tributary to White Oak Creek, and the Tributary to Purple Creek. Two of the tributaries have not had a FEMA study. White Oak Creek has a detailed FEMA study – regulatory floodway. Therefore, this project will require two different levels of analyses. For the crossings without a detailed FEMA study, we will generate hydraulic models with existing condition and proposed conditions. We will size the structures according to the State, County, and City regulations. Finally, since White Oak Creek is a FEMA regulatory floodway, we will request a FEMA effective model to generate the duplicate/effective model; corrective effective model; existing condition model; and proposed condition model. The requirement for the structure construction is that a "No-Rise" hydraulic analysis is required, which is no increase of 100-year water surface elevation (0.0 foot increase) and no floodway change between the proposed and existing conditions. Hanging Moss Creek on existing Cole Road may be affected as well.

7. RIGHT-OF-WAY ACQUISITION SERVICES

Jim Turner, of Integra Realty Resources will lead the ROW services tasks for this project. His team is comprised of individuals who are experienced real estate and ROW professionals. They will handle the title research; appraisals and review appraisals; negotiations and acquisitions; and relocation assistance. Their team understands the requirements of MDOT and their LPA process, and can accomplish securing the needed ROW and any needed temporary construction easements that will be required by the final design of the project

8. UTILITY RELOCATION SERVICES

The Utility Relocation team will be led by **Shawn Wozencraft, PE** and **Ethan Wise, EI.** The project team will approach each utility relocation systematically during the development phase of highway projects. The team will establish a Utility Relocation Plan early in the project development process to include goals, strategies, and expected milestones that facilitate appropriate and timely utility conflict resolution throughout the process. It also serves as a template for measuring the progress and success of utility conflict resolution early in the project to help prioritize and focus resources in later project stages.

The primary goal of any project utility conflict should be to relocate the utility before construction begins to reduce delay. However, this is often not possible when utility relocation is dependent upon the acquisition of ROW or the construction of a highway element such as a utility conduit on a bridge, major earthwork, or environmental permitting. Regardless of the utility conflict, solutions should be identified, and goals established as early as possible for each conflict resolution. The keys for a successful utility relocation project will be through early and frequent communication with each utility so that the most accurate information on the location(s) of each utility is obtained from the appropriate entity and to streamline the relocation process.

Entergy Power Lines located within Project Limits

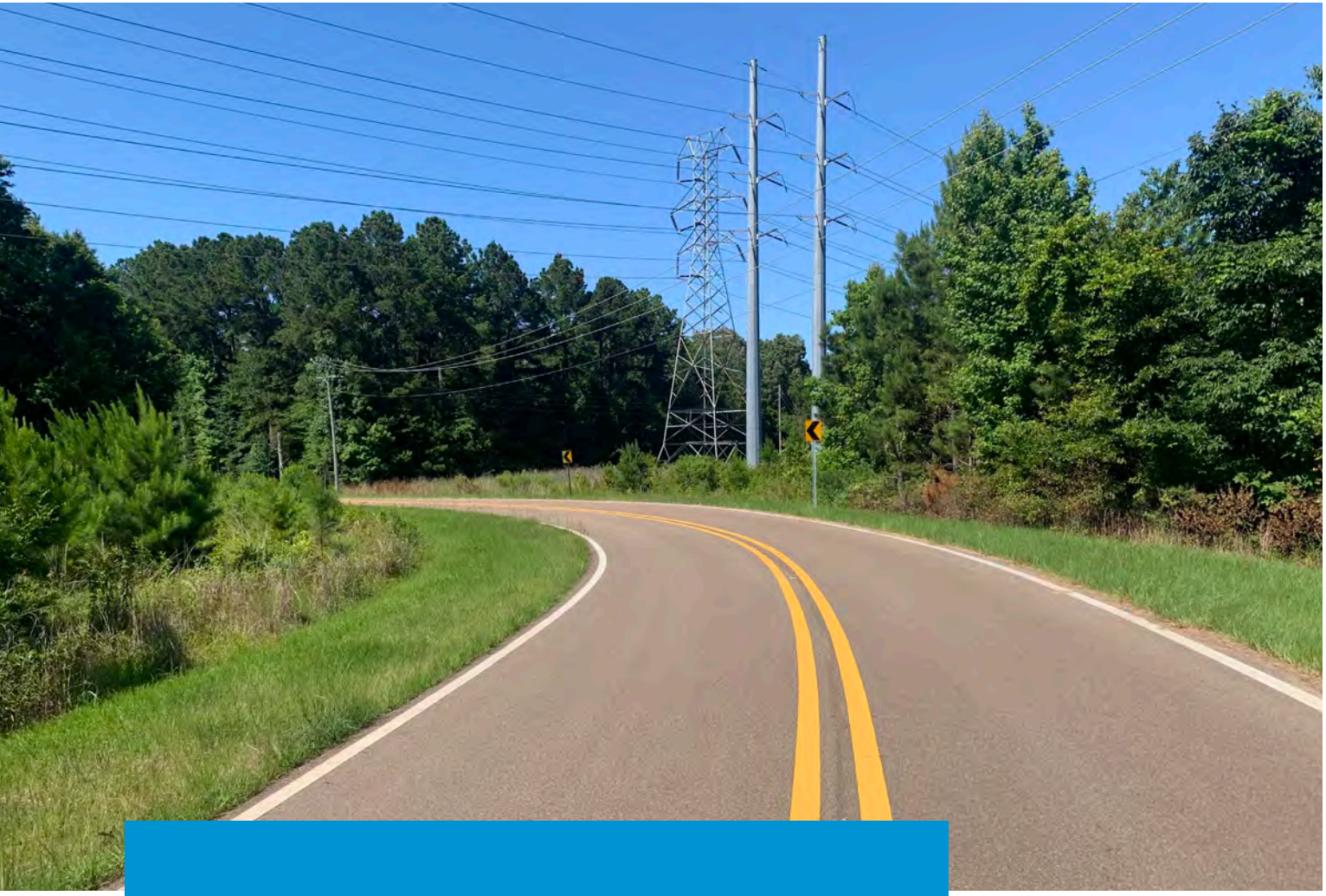
9. CONSTRUCTION ENGINEERING SERVICES INCLUDING CONSTRUCTION BID DOCUMENT DEVELOPMENT, AND BID PHASE ADMINISTRATION

Richard Chisolm, PE will provide the lead services for construction bid document development and bid phase administration for the project. Mr. Chisolm is a retired MDOT employee who was previously the State Construction Engineer in which his office was responsible for construction bid document development for all MDOT construction projects. He is very familiar with the LPA requirements associated with a project of this type.

Once the design enters the office review stage of development, work can move forward on the construction bid documents. The governing specifications for the project will be the 2017 Mississippi Standard Specifications for Road and Bridge Construction. After the pay items are created for the plans, the bid document can be assembled. Should there be an aspect of the project that is not covered under the referenced 2017 specifications, a special provision will be developed to make sure each pay item is covered by a specification. The Michael Baker team will work closely with the City to make sure specific construction details are included in the bid documents via a Notice to Bidders.

With permission to advertise for construction bids, the Michael Baker team will provide the City with the advertisement for bids for publishing in a newspaper of statewide circulation. During the bidding period, the Michael Baker team will work in coordination with the City to conduct a pre-bid conference to familiarize prospective bidders with the project. It will be the intent of the pre-bid meeting to assist the bidders in their understanding of the project. Any questions or clarifications that are requested during the pre-bid conference will be answered in an addendum and provided to each bidder.

The opening of the construction bids will be a publicly scheduled date and time. Members of the Michael Baker team will assist the City staff with the opening and reading of the bids received and prepare a tabulation of the bids to identify the apparent low bidder. After the bid opening, a detailed review will be performed for each bid to verify that all contract requirements were completed in accordance with the contract documents. The Michael Baker team will prepare a letter to the City staff based on a review of the bids to award the project to the lowest, most responsive bidder.



6. APPENDIX

A. RESUMES

ASSOCIATE VICE PRESIDENT

Kenneth J. Collins, P.E.

Mr. Collins is Michael Baker's Technical Manager in the Ridgeland He is responsible for contract administration, scheduling and budgeting, quality assurance, project responsibility and manpower, client satisfaction and general administrative operations. His background includes project management along with performing design calculations on projects and the development of project plans. He is experienced in the design of bridges including flat slab bridges, prestressed AASHTO beam bridges, cast-in-place box girder bridges, prestressed box beam bridges, steel plate girder bridges, and the design and development of roadway plans for highway projects.

Michael Baker
INTERNATIONAL

Years with Michael Baker
37
Years of Experience
37
Education
B.S., 1983, Civil Engineering, Louisiana State University
Licenses/Certifications
MDOT Local Public Agency Process, Mississippi, 2021
Professional Engineer, Mississippi, 1989, 10497

Professional Affiliations
American Society of Civil Engineers (ASCE)
Mississippi Engineering Society (MES)

RELEVANT EXPERIENCE

U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. *Mississippi Department of Transportation.* Project Manager. Responsible for overall design of roadway and bridge plan preparation. Michael Baker is providing engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20.

Martin Bluff Road Improvements, Jackson County, Mississippi. *City of Gautier.* Engineer. Assisted project manager in design and development of roadway plans. Michael Baker is providing engineering and environmental services for the widening and signalization of Martin Bluff Road from Gautier-Vancleave Road to the service road just north of I-10, pavement improvements to the remaining portion of the road, and replacement of the bridge near Homestead Boulevard.

Woodrow Wilson Avenue Resurfacing, City of Jackson, Mississippi. *City of Jackson, Mississippi.* Project Manager. Responsible for overall project management and design services including all coordination with the City of Jackson. Michael Baker provided engineering services for resurfacing of Woodrow Wilson Avenue from Mill Street to I-55. The project encompassed approximately 1.3 miles of four-lane divided highway and consisted of mill and overlay up to the end of the bridge over the CN railroad, including the frontage road; concrete repair/replacement for pavement beneath the asphalt pavement (where necessary); upgrades to traffic signalization at the State Street intersection and the West Street intersection; and drainage and sidewalk improvements.

OFFICE EXECUTIVE

Ray Balentine, P.E., P.L.S.

Mr. Balentine, previously with the Mississippi Department of Transportation (MDOT) for 25 years, joined Michael Baker as a Vice President and Office Executive in April 2015. Since his retirement from MDOT, he has worked for both a national and a regional consulting engineering firm. In his position with Michael Baker, Mr. Balentine is responsible for the management of the Ridgeland office. He markets Michael Baker's overall capabilities and responds to the technical needs of clients throughout Mississippi. He commits resources for the group and directs contract administration, scheduling and budgeting, quality assurance and business development activities.

Michael Baker INTERNATIONAL

Years with Michael Baker
6

Years of Experience
43

Education
B.S., 1978, Civil Engineering, Mississippi State University

Licenses/Certifications
Professional Engineer, Mississippi, 1982, 08618
Professional Land Surveyor, Mississippi, 1984, 02060

Professional Affiliations
American Council of Engineering Companies (ACEC)
Jackson State University Civil & Environmental Engineering
Madison County Business League & Foundation
Mississippi Intermodal Council Board of Directors
Mississippi Roadbuilders Association
Mississippi Transportation Institute
Mississippi Water Resources Board of Directors

RELEVANT EXPERIENCE

Safe Routes to School Sidewalk Improvements, Canton, Mississippi. *Mississippi Department of Transportation.* Principal-In-Charge. Served as the Principal-In-Charge for the project and work to ensure that the Project Manager has all the resources needed to successfully perform the project for the client. Michael Baker provided engineering services for the construction of approximately 4,400 linear feet of sidewalk for the city's Safe Routes to School project.

U.S. 49 Florence to Scales Construction Engineering and Inspection, Rankin County, Mississippi. *Confidential Client.* Principal-In-Charge. Responsible for overseeing the performance of the project with the project manager to ensure strong execution of the project and financial performance. Also, interacted with the client to monitor satisfactory performance. Ensure that Michael Baker processes such as the company Quality Assurance Plan is implemented throughout the contract. Michael Baker provided engineering services, including field surveys, preliminary through final design, construction phase services, and public relations support, for the construction of U.S. 49 from Florence to the Scales Area.

Reunion Parkway Traffic Noise Impact Study, Madison County, Mississippi. *Madison County Board of Supervisors.* Principal-In-Charge. Responsible for ensuring that the Project Manager had the needed resources and successfully completed this project for a strategic, new client. Michael Baker conducted a Traffic Noise Impact Study following MDOT noise policy.

CONSTRUCTION SERVICES MANAGER

Richard P. Chisolm, P.E.

Mr. Chisolm joined Michael Baker as a Construction Services Manager after a 24-year career with the MDOT. He has extensive experience in the construction field and project management at all levels having served as an inspector, project manager/engineer, construction area engineer, assistant state maintenance engineer, assistant state construction engineer, state construction engineer and Assistant Chief Engineer of Field Operations.

RELEVANT EXPERIENCE

Woodrow Wilson Avenue Resurfacing, City of Jackson, Mississippi. *City of Jackson, Mississippi.* Engineer. Responsible for project preparations for pre-bid. Michael Baker provided engineering services for resurfacing of Woodrow Wilson Avenue from Mill Street to I-55. The project encompassed approximately 1.3 miles of four-lane divided highway and consisted of mill and overlay up to the end of the bridge over the CN railroad, including the frontage road; concrete repair/replacement for pavement beneath the asphalt pavement (where necessary); upgrades to traffic signalization at the State Street intersection and the West Street intersection; and drainage and sidewalk improvements. Michael Baker provided survey services, including Mobile LiDAR; performed a geotechnical investigation; and developed final contract plans, specifications, and estimates (PS&E).

Michael Baker
INTERNATIONAL

Years with Michael Baker
2

Years of Experience
26

Education
B.S., 1995, Civil Engineering, University of Mississippi

Licenses/Certifications
Professional Engineer, Mississippi, 2019, 15361
MDOT Local Public Agency Process, Mississippi, 2019

Professional Affiliations
American Society of Civil Engineers (ASCE)
Mississippi Asphalt Pavement Association
Mississippi Engineering Society (MES)
Mississippi Roadbuilders Association
National Society of Professional Engineers (NSPE)

Canton Safe Routes to School, Canton, Mississippi. *Mississippi Department of Transportation.* Project Engineer. Responsible for construction and administrative oversight of the Canton Sidewalk project an LPA project for the City of Canton. Michael Baker is providing engineering services for the city of Canton Safe Routes to School project. Tasks include construction engineering inspection, surveying, invoice preparation, final invoice documentation, and project record keeping and correspondence.

PROJECT MANAGER

Ronald J. Stuart II, P.E.

Mr. Stuart is a roadway engineer in Michael Baker's Jackson, Mississippi Regional Office. Prior to joining Michael Baker, Mr. Stuart accumulated four years of experience in roadway design with the Mississippi Department of Transportation (MDOT). Prior to working with MDOT, Mr. Stuart worked for several consultants with an emphasis in municipal projects.

Mr. Stuart's MDOT experience includes preparing construction plans for widening of six miles of I-20 in Rankin County from four to six lanes, preparing right-of-way plans for widening 10 miles of S.R. 19 from two to four lanes in Philadelphia, preparing right-of-way plans for widening four miles of S.R. 45 from two to four lanes in Columbus, preparing construction plans for paving 16 miles of S.R. 304 in Desoto County, and preparing construction plans for widening eight miles of S.R. 61 from two to four lanes in Jefferson and Adams Counties.

Michael Baker
INTERNATIONAL

Years with Michael Baker
15

Years of Experience
22

Education
B.S., 1998, Civil Engineering, Mississippi State University

Licenses/Certifications
Professional Engineer - Civil, Mississippi, 2004, 16349
MDOT Local Public Agency Process, Mississippi, 2021

RELEVANT EXPERIENCE

U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. *Mississippi Department of Transportation.* Highway Engineer. Responsibilities include the roadway design. Michael Baker is providing engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20. Michael Baker's services include the development of detailed design plans for bridges and roadway, including lighting, traffic control, signing, signalization, and intelligent transportation systems.

Canton Safe Routes to School, Canton, Mississippi. *Mississippi Department of Transportation.* Project Manager. Responsible for assisting project manager in the day to day design and construction management. Michael Baker is providing engineering services for the city of Canton Safe Routes to School project. Tasks include construction engineering inspection, surveying, invoice preparation, final invoice documentation, and project record keeping and correspondence.

Woodrow Wilson Avenue Resurfacing, City of Jackson, Mississippi. *City of Jackson, Mississippi.* Engineer. Responsible for overall roadway design services including coordination with the City of Jackson. Michael Baker provided engineering services for resurfacing of Woodrow Wilson Avenue from Mill Street to I-55.

PROJECT MANAGER

Lei Wang, Ph.D., P.E., PMP, CFM

Dr. Wang serves as the project manager for MDOT Phase A Design for Bridge Replacement on SR 178, SR 57, SR 3, SR 28 and US 51. Dr. Wang's roadway design experience includes drainage, road crossing, driveway, erosion control, right-of-way design; and roadway quantity calculation. She also helped revise the National Flood Insurance Program (NFIP) Maps under Michael Baker's contract with the Federal Emergency Management Agency (FEMA). Dr. Wang's professional areas of expertise also include hydrological and hydraulic analyses and 1-D and SRH-2D modeling, FEMA LOMA application, NEPA/environmental review process for transportation project, watershed drainage study, land development, water and wastewater treatment.

RELEVANT EXPERIENCE

Reunion Parkway - Ph 3 Amend 3.*Madison County Board of Supervisors.* Hydraulic Engineer. Responsible for Hydrologic and Hydraulic analysis. Michael Baker provided design services for two (2) bridge sites along Phase 3 of the Reunion Parkway in Madison County, Mississippi. The scope included developing Phase B Final Bridge Plans for a 880-ft bridge over Bear Creek and a 530-ft bridge over the Illinois Central Railroad.

U.S. 49 Florence to Scales Construction Engineering and Inspection, Rankin County, Mississippi. Hydraulic Engineer. Responsible for roadway drainage design including cross drain - pipe and culvert design, and erosion control design and floodplain modeling and no-rise analysis. Michael Baker provided engineering services, including field surveys, preliminary through final design, construction phase services, and public relations support, for the construction of U.S. 49 from Florence to the Scales Area. Working as an extension of client staff, Michael Baker provided construction management, Phase C Design (RFI/submittals), utility coordination, scheduling review (Primavera P6), material testing, erosion control, surveying, traffic control, and public relations support, for the construction of U.S. 49 from Florence to the Scale Area.

Michael Baker INTERNATIONAL

Years with Michael Baker
16

Years of Experience
16

Education
Ph.D., 2001, Civil Engineering, University of Missouri at Columbia
M.S., 1989, Environmental Engineering, Tsinghua University, China
B.S., 1987, Environmental Engineering, Tsinghua University, China

Licenses/Certifications
Professional Engineer, Mississippi, 2004, 16165
Project Management Professional (PMP), 2009, 1240105
Certified Floodplain Manager, Mississippi, 2006, US-06-01888

Professional Affiliations
Association of State Floodplain Managers (ASFPM)
National Society of Professional Engineers (NSPE)
Project Management Institute (PMI)

CIVIL ASSOCIATE - TRANSPORTATION

Anna G. Norris, EI

Mrs. Norris started with Michael Baker in 2020. She is a recent graduate of Mississippi State University and has already worked on some roadway design projects doing design work with Microstation and calculating quantities.

RELEVANT EXPERIENCE

SR 145 PHASE B. *Mississippi Department of Transportation.* Civil Associate. Responsibilities included development of pavement marking plans, detour plans and calculating quantities

SR 25 and I-22 Interchange. *Mississippi Department of Transportation.* Civil Associate. Responsibilities included development of pavement marking plans, traffic control plans and calculating quantities

SR 601 Middle-Canal Road. *Mississippi Department of Transportation.* Civil Associate. Responsibilities included calculating quantities

Michael Baker
INTERNATIONAL

Years with Michael Baker
1

Education
B.S., 2020, Civil Engineering, Mississippi State University
A.S., 2018, East Central Community College

Professional Affiliations
American Society of Civil Engineers (ASCE)
Chi Epsilon, The National Civil Engineering Honor Society
Phi Theta Kappa, International Honor Society of the Two Year College
The Associated General Contractors of America

SENIOR CIVIL TECHNICIAN

W. Hal Thompson

Mr. Thompson has been actively involved in all phases of the design and drafting of plans for the construction of railroads, airports, highways, water and sewer treatment systems, distribution systems and structures from field surveys to the completion of the final design drawings. Mr. Thompson has also been involved with pipeline layout, survey data processing and generation for all phases of design, flood control studies, and the production of presentation exhibits for various projects.

Michael Baker INTERNATIONAL

Years with Michael Baker
42

Years of Experience
45

Education
A.S., 1976, Drafting and Design Technology, Copiah-Lincoln Community College

RELEVANT EXPERIENCE

U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. *Mississippi Department of Transportation.* Designer. Responsibilities included working with Primary and Design Engineers for production of Traffic Control Plans and associated quantities for Project Phase Construction. Michael Baker is providing engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20. Michael Baker's services include the development of detailed design plans for bridges and roadway, including lighting, traffic control, signing, signalization, and intelligent transportation systems.

Martin Bluff Road Improvements, Jackson County, Mississippi. *City of Gautier.* Designer. Responsible for project impact assessment and the production of the Design Plans for the project including horizontal and vertical alignment layout, cross section generation, and quantities. Michael Baker is providing engineering and environmental services for the widening and signalization of Martin Bluff Road from Gautier-Vancleave Road to the service road just north of I-10, pavement improvements to the remaining portion of the road, and replacement of the bridge.

Woodrow Wilson Avenue Resurfacing, City of Jackson, Mississippi. *City of Jackson, Mississippi.* Designer. Responsible for production of drainage and traffic control plans. Michael Baker provided engineering services for resurfacing of Woodrow Wilson Avenue from Mill Street to I-55. The project encompassed approximately 1.3 miles of four-lane divided highway and consisted of mill and overlay up to the end of the bridge over the CN railroad, including the frontage road; concrete repair/replacement for pavement beneath the asphalt pavement (where necessary); upgrades to traffic signalization at the State Street intersection and the West Street intersection; and drainage and sidewalk improvements.

Canton Safe Routes to School, Canton, Mississippi. *Mississippi Department of Transportation.* Designer. Responsible for drainage construction drawings. Michael Baker is providing engineering services for the city of Canton Safe Routes to School project. Tasks include construction engineering inspection, surveying, invoice preparation, final invoice documentation, and project record keeping and correspondence.

DESIGNER

Wendell B. Erwin

Mr. Erwin has been actively involved in all phases of the design and drafting of plans for the construction of railroads, airports, highways, water and sewer treatment systems, distribution systems and structures from field surveys to the completion of the final design drawings. Mr. Erwin has also been involved with survey note reduction, plotting cross sections, flood control studies, and the production of presentation exhibits for various projects.

Mr. Erwin has approximately three years of AutoCAD experience in the preparation of design drawings for the Mississippi Department of Transportation on the Interstate 20/Interstate 55, U.S. Highway 49 Interchange project which involves the widening of 15 miles of roadway, ramps and bridges. Nineteen (19) years MicroStation experience, four (4) years InRoads experience and is also had training in Geopak, GuideSign and AutoTurn design software. Involved in the design and plan preparation for many Mississippi Department of Transportation roadway and bridge projects.

Michael Baker INTERNATIONAL

Years with Michael Baker
35

Years of Experience
37

Education
A.A.S., 1985, Drafting and Design Technology, Copiah-Lincoln Community College

RELEVANT EXPERIENCE

Safe Routes to School Sidewalk Improvements, Canton, Mississippi. *Mississippi Department of Transportation.* Designer. Produced design drawing using Microstation and Geopak for this Sidewalk and Paving Project. Created Sheets for the plans such as Title, Pavement Mark and Signing, and Quantity sheets. Michael Baker provided engineering services for the construction of approximately 4,400 linear feet of sidewalk for the city's Safe Routes to School project. Michael Baker's services included preparation of drainage plans, a cultural resources survey, preparation of roadway design plans, construction administration, and construction inspection.

U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. *Mississippi Department of Transportation.* CADD Technician. Preparing roadway construction plans such as pavement marking, permanent signing, construction signing, form grades, erosion control plans, typical sections, and quantity sheets. Michael Baker is providing engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20. Michael Baker's services include the development of detailed design plans for bridges and roadway, including lighting, traffic control, signing, signalization, and intelligent transportation systems.

ASSOCIATE VICE PRESIDENT

Jeffrey D. May, P.E.

Mr. May is an associate vice president for the firm as well as the operations manager for the Ocean Springs, Mississippi office. He provides engineering experience with specific emphasis in the fields of hydraulics, hydrology, water resources, and utility project design and management. Mr. May's responsibilities include providing project management and supervision of both design and construction projects, performing quality assurance/quality control reviews, designing subsurface drainage systems, performing floodway analyses, and preparing drainage plans for inclusion in transportation system construction projects.

RELEVANT EXPERIENCE

Safe Routes to School Sidewalk Improvements, Canton, Mississippi. *Mississippi Department of Transportation.* Project Manager. Responsible for overseeing all components of the project. Michael Baker provided engineering services for the construction of approximately 4,400 linear feet of sidewalk for the city's Safe Routes to School project. Michael Baker's services included preparation of drainage plans, a cultural resources survey, preparation of roadway design plans, construction administration, and construction inspection.

Martin Bluff Road Improvements, Jackson County, Mississippi. *City of Gautier.* Project Manager. Responsible for design engineering for the widening and signalization of approximately 2 miles along Martin Bluff Road involving addition of a left center turn lane, curb and gutter, paving improvements, drainage improvements and bridge replacement. Duties as Project Manager include preparation of project activation documentation for the Local Public Agency, preliminary and final designs, cost and quantity estimates, and other documentation required by MDOT. Also responsible for wetland delineation, hydraulic modeling, coordination of utilities, traffic studies, surveying and mapping, geotechnical investigation, right-of-way support, bidding phase support, and construction management. Michael Baker is providing engineering and environmental services for the widening and signalization of Martin Bluff Road from Gautier-Vancleave Road to the service road just north of I-10, pavement improvements to the remaining portion of the road, and replacement of the bridge near Homestead Boulevard.

Michael Baker
INTERNATIONAL

Years with Michael Baker
18

Years of Experience
23

Education
B.S., 1998, Civil Engineering, Mississippi State University College of Engineering
A.A., 1995, Civil Engineering, Mississippi Gulf Coast Community College

Licenses/Certifications
Professional Engineer, Mississippi, 2002, 15572
NCEES Certified, Mississippi, 2003, 23584

Professional Affiliations
American Public Works Association (APWA)
American Society of Civil Engineers (ASCE)
Leadership Jackson County
National Society of Professional Engineers (NSPE)
Project Management Institute (PMI)

CIVIL ENGINEER

Ethan A. Wise, P.E.

With combined experience in civil engineering and project management, Mr. Wise is a dedicated civil associate focused on ensuring quality work, delivering projects on time, reducing costs where possible, and adhering to design requirements. He has developed plans, specifications, and cost estimates, as well as provided bid phase services, for a variety of roadway projects, including new construction, widening, intersection signalization, and drainage improvements. Additionally, Mr. Wise has gained experience with various government funded projects, including Local Public Agency (LPA), Community Development Block Grant (CDBG), and State Aid.

Michael Baker INTERNATIONAL

Years with Michael Baker
4

Years of Experience
9

Education
B.S.C.E., 2011, Civil Engineering, Mississippi State University

Licenses/Certifications
Professional Engineer, Mississippi, 30588

Professional Affiliations
American Public Works Association (APWA)

RELEVANT EXPERIENCE

Canton Safe Routes to School, Canton, Mississippi. *Mississippi Department of Transportation.* Civil Associate. Assisted in sidewalk and drainage design as well as drafting and plan production. Michael Baker is providing engineering services for the city of Canton Safe Routes to School project. Tasks include construction engineering inspection, surveying, invoice preparation, final invoice documentation, and project record keeping and correspondence.

Beachview Drive Drainage Study, Ocean Springs, Mississippi. *Jackson County Board of Supervisors.* Civil Associate. Assisted in roadway and drainage design, traffic control, and plan production. Michael Baker provided professional services associated with performing a detailed drainage study for new improvements to existing roadside drainage ditches located within the Gulf Park Estates in Ocean Springs. The purpose of the drainage study is to provide recommendations to the stormwater drainage system to address the flood inundation of the properties in and adjacent to the Gulf Park Estates Subdivision.

Martin Bluff Sidewalk Project. *City of Gautier.* Civil Associate. Responsible for sidewalk and drainage design.

PS#26 and LS#11 Flowmeter Installation and Site Improvements, Ocean Springs, Mississippi. *Jackson County Utility Authority*. Civil Associate. Assisted in plan production and construction inspection. Michael Baker provided engineering and construction administration services to install electromagnetic flowmeters at PS#26 and LS#11. Michael Baker's role in this project involving preliminary engineering study and design, preparing engineering estimates, preparing construction document, preparing easement documents, and construction phase services.

BRIDGE ENGINEERING MANAGER

Mitchell K. Carr, P.E.

Mr. Carr joined Michael Baker as the Bridge Engineering Manager in the Ridgeland, Mississippi office after previously serving with the Mississippi Department of Transportation (MDOT) for 32 years.

While at MDOT, Mr. Carr had served as the State Bridge Engineer, a position he held for over eight years. As State Bridge Engineer, Mr. Carr's responsibilities included oversight of structural and hydraulic design and plan preparation activities of bridges and other highway appurtenances, management of MDOT's bridge safety inspection program and bridge management system, coordinating activities with law enforcement in the evaluation of vehicles for oversize and overweight permits and providing technical assistance to divisions and districts for construction, inspection, repair and maintenance activities of structures.

Michael Baker INTERNATIONAL

Years with Michael Baker
10

Years of Experience
42

Education
B.S., 1979, Civil Engineering, Mississippi State University

Licenses/Certifications
Professional Engineer - Civil, Mississippi, 1983, 8926

Professional Affiliations
Mississippi Engineering Society (MES)

RELEVANT EXPERIENCE

U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. *Mississippi Department of Transportation.* Engineer. Provided technical management, constructability assessment, and quality assurance and quality control review of bridge plans and design processes. Michael Baker is providing engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20. Michael Baker's services include the development of detailed design plans for bridges and roadway, including lighting, traffic control, signing, signalization, and intelligent transportation systems.

Mayes Street Bridge Replacement, Jackson, Mississippi. *City of Jackson, Mississippi.* QA/QC Engineer. Provided oversight of bridge conceptual and final design, constructability review, and quality control of the contract plans. Michael Baker is developing final roadway and bridge construction plans to replace an existing bridge on Mayes Street that spans the ICRR railroad in Jackson, Mississippi.

I-20 Valley Street Bridge Repair, Hinds County, Mississippi. *Mississippi Department of Transportation.* Project Manager. Responsible for overall project oversight; establishing and administering QA/QC controls that ensured quality project deliverables; coordinating with the project technical manager related to project and client requirements; working with project technical manager to plan and develop bridge repair details, notes, and specifications; and performed QA/QC and constructability review of repair plans. Michael Baker prepared contract plans for the repair of the dual (westbound and eastbound) I-20 bridges that carry I-20 over Valley Street, Lynch Creek, and Raymond Road. Previous bridge inspections had documented various fatigue cracks in certain steel girders, transverse stiffeners, and the top flange of the steel girder.

TECHNICAL MANAGER - BRIDGE

Jeffrey D. McRae, P.E.

Mr. McRae is currently involved in various bridge design projects. His responsibilities have included the completion of contract plans from the conceptual stage through final design on numerous bridge design projects, generation of bridge quantity calculations, checking of concrete and steel bridge shop drawings, and generation of substructure and superstructure design calculations. He has also performed the duties of project manager on several bridge design projects and three bridge inspection projects.

Michael Baker INTERNATIONAL

Years with Michael Baker
24

Years of Experience
24

Education
B.S., 1996, Civil Engineering, Mississippi State University

Licenses/Certifications
Professional Engineer, Mississippi, 2001, 15153

Professional Affiliations
National Society of Professional Engineers (NSPE)

RELEVANT EXPERIENCE

U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. *Mississippi Department of Transportation.* Engineer. Responsibilities included generating final construction bridge plans, geometric calculations and design calculations for two hydraulic bridge crossings. Michael Baker is providing engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20. Michael Baker's services include the development of detailed design plans for bridges and roadway, including lighting, traffic control, signing, signalization, and intelligent transportation systems.

U.S. 51 Bridge Replacements, Madison County, Mississippi. *Mississippi Department of Transportation.* Engineer. Responsibilities included generating preliminary bridge R.O.W. plans, geometric calculations, and design calculations for three hydraulic bridge crossings. Michael Baker provided engineering services for the replacement of five U.S. 51 bridges over Tilda Bogue Creek, Tilda Bogue Tributary 8, and Doaks Creek. Michael Baker's services included bridge hydraulic one-and two-dimensional model analyses, scour analysis and evaluation, bridge scour and stream bank stabilization design, conceptual and preliminary structural design, and final right-of way plans.

Reunion Parkway - Ph 3 Amend 3. *Madison County Board of Supervisors.* Engineer. Responsibilities included generating final construction bridge plans, geometric calculations and design calculations for one hydraulic bridge crossing and one bridge over CNRR. Michael Baker provided design services for two (2) bridge sites along Phase 3 of the Reunion Parkway in Madison County, Mississippi. The scope included developing Phase B Final Bridge Plans for a 880-ft bridge over Bear Creek and a 530-ft bridge over the Illinois Central Railroad.

CIVIL ASSOCIATE - STRUCTURAL

Layton R. Breithaupt, E.I.

Mr. Breithaupt's main responsibility is to aide in the design of bridges. He has experience in designing bridges for Mississippi DOT, West Virginia DOT, and Georgia DOT. Mr. Breithaupt had internships that allowed him to hone in on drafting and design skills along with 3D modeling. He also had the opportunity to work on many LiDAR projects during the internships.

Michael Baker
INTERNATIONAL

Years with Michael Baker
3

Years of Experience
3

Education
B.S., 2018, Civil Engineering, Jackson State University

A.A., 2014, Drafting and Design, Hinds Community College

Licenses/Certifications
Engineering Intern, Mississippi, 2018, 29138

Professional Affiliations
American Society of Civil Engineers (ASCE)
Jackson State University Civil & Environmental Engineering
Mississippi Engineering Society (MES)

RELEVANT EXPERIENCE

Reunion Parkway - Ph 3 Amend 3. *Madison County Board of Supervisors.* Civil Associate. Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books. Michael Baker provided design services for two (2) bridge sites along Phase 3 of the Reunion Parkway in Madison County, Mississippi. The scope included developing Phase B Final Bridge Plans for a 880-ft bridge over Bear Creek and a 530-ft bridge over the Illinois Central Railroad.

U.S. 49 Florence to Scales Construction Engineering and Inspection, Rankin County, Mississippi. Civil Associate. Responsible for QC of bridge quantities. Michael Baker provided engineering services, including field surveys, preliminary through final design, construction phase services, and public relations support, for the construction of U.S. 49 from Florence to the Scales Area. Working as an extension of client staff, Michael Baker provided construction management, Phase C Design (RFI/submittals), utility coordination, scheduling review (Primavera P6), material testing, erosion control, surveying, traffic control, and public relations support, for the construction of U.S. 49 from Florence to the Scale Area.

SR 601 Middle-Canal Road. *Mississippi Department of Transportation.* Civil Associate. Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books.

TECHNICAL MANAGER - BRIDGE

Michael A. Cresap, P.E.

Mr. Cresap joined Michael Baker as part of the Bridge Engineering Team in the Ridgeland, Mississippi office after previously serving with the Mississippi Department of Transportation (MDOT) for 29 years.

While at MDOT, Mr. Cresap had served as the Transportation Information Division Director, a position he held for 9 years. As Transportation Information Division Director, Mr. Cresap's responsibilities included managing MDOT's enterprise Geographic Information System (GIS) program, providing technical assistance to districts and divisions for managing transportation asset data and developing data collection and management applications.

Prior to working in the Transportation Information Division, Mr. Cresap served as a Design Section Engineer within MDOT's Bridge Division. Responsibilities for this role included supervision of structural and hydraulic design and plan preparation activities, constructability reviews, and providing technical assistance to Divisions and Districts for construction, inspection, repair and maintenance activities of structures.

Michael Baker INTERNATIONAL

Years with Michael Baker
1

Years of Experience
29

Education
B.S., 1991, Civil Engineering, Mississippi State University

Licenses/Certifications
Professional Engineer - Civil, Mississippi, 1996, 12792

Professional Affiliations
Mississippi Engineering Society (MES)
Mississippi Transportation Institute

RELEVANT EXPERIENCE

OSARC 2020 TIMBER Bridge Insp. *Mississippi Department of Transportation.* Technical Manager. Responsible for project coordination; administering QA/QC controls that ensured quality project deliverables; reviewing detailed project work plans and inspection schedules; coordinating with Michael Baker's bridge inspection teams; monitoring project status; reporting critical findings or urgent issues affecting public safety to the client; performing QA/QC reviews of inspection and load rating information in the OSARC AssetWise System.

OSARC 2020COMPLEX Bridge Insp. *Mississippi Department of Transportation.* Technical Manager. Responsible for project coordination; administering QA/QC controls that ensured quality project deliverables; reviewing detailed project work plans and inspection schedules; coordinating with Michael Baker's bridge inspection teams; monitoring project status; reporting critical findings or urgent issues affecting public safety to the client; performing QA/QC reviews of inspection and load rating information in the OSARC AssetWise System.

PROJECT MANAGER - TRANSPORTATION

Celina M. Sumrall, P.E.

Mrs. Sumrall joined Michael Baker as a Project Manager in Transportation after a 17-year career with the Mississippi Department of Transportation (MDOT). She has extensive experience in the transportation field and project management at multiple levels having served as a materials field engineer, assistant state maintenance engineer, state maintenance engineer, area traffic engineer, and Intelligent Transportation Systems engineer. Prior to her time at the MDOT, she worked for the Mississippi Department of Environmental Quality for 8 years as an environmental EIT and environmental engineer specializing in air permitting and compliance.

Michael Baker INTERNATIONAL

Years with Michael Baker
1

Years of Experience
25

Education
M.S.C.E., 2003, Civil and Environmental Engineering, University of Mississippi
B.S.C.E., 1995, Civil Engineering, University of Mississippi

Licenses/Certifications
Professional Engineer, Mississippi, 2001, 14930

Professional Affiliations
American Public Works Association (APWA)
Institute of Transportation Engineers (ITE)
Intelligent Transportation Society of America (ITS)
Mississippi Engineering Society (MES)
Women in Transportation Society (WTS)

RELEVANT EXPERIENCE

Jackson County I-10 Corridor Safety Project, Jackson County, Mississippi, *Mississippi Department of Transportation*. Intelligent Transportation Engineer. Responsible for overseeing the ITS implementation and device integration for a comprehensive ITS transportation project where numerous ITS components were installed throughout the I-10 corridor and key connecting routes in Jackson County, Mississippi from the Harrison County Line to the Alabama State line. This project provided enhanced management of traffic along the I-10 corridor both daily and during emergency events such as hurricanes.

Congestion Mitigation and Air Quality Improvements (CMAQ), Desoto and Marshall County, Mississippi, *Mississippi Department of Transportation*. Intelligent Transportation Engineer. Responsible for overseeing the ITS implementation and device integration. In the project, MDOT extended and installed new fiber, wireless radios, CCTV, radar, Bluetooth, signal connectivity, DMS and Travel Time boards were installed along key connecting routes, I-22/US 78 and I-55.

I-269 Corridor Projects, Desoto County & Marshall County, Mississippi. *Mississippi Department of Transportation,* Served as the Intelligent Transportation Engineer during the construction of these projects and was involved with overseeing the ITS implementation and device integration into the MDOT Traffic Network. This work included fiber optic cable, Bluetooth, radar, CCTV, signal communications, and DMS boards throughout the corridor.

SENIOR TRANSPORTATION ENGINEER

Carla R. Dietrich, P.E., PTOE

Ms. Dietrich is experienced in traffic engineering and transportation planning studies. She has served as a traffic task manager on various projects including conceptual engineering studies, corridor studies, feasibility studies, interchange justification reports, and traffic analysis in support of environmental documents. Ms. Dietrich is knowledgeable in the areas of traffic signalization, safety, complete streets, access management, VMT, bicycle and pedestrian design, and context sensitive solutions. Her technical expertise includes crash analysis, traffic simulation, capacity analysis including roundabouts and coordinated signal systems, queuing analysis, and trip generation analysis.

Michael Baker INTERNATIONAL

Years with Michael Baker
23

Years of Experience
24

Education
B.S., 1997, Civil and Environmental Engineering, Carnegie Mellon University

Licenses/Certifications
Professional Engineer, Pennsylvania, 2004, PE070655
Professional Traffic Operations Engineer, 2008, 2468

Professional Affiliations
Institute of Transportation Engineers (ITE)
Women's Transportation Seminar (WTS)

RELEVANT EXPERIENCE

U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. *Mississippi Department of Transportation.* Traffic Engineer. Responsible for traffic analysis, including level of service calculations and storage lane length estimates. Michael Baker is providing engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20.

I-69 Desoto County Line to Arkabutla Dam Road, Tunica County, Mississippi. *Mississippi Department of Transportation.* Traffic Engineer. Participated in project as Traffic Task Manager by overseeing traffic volume development projections and Traffic Operations Study. Analysis conducted using Synchro analysis software. Storage lane lengths calculated using MDOT Design Manual guidance. Michael Baker will provide design services for I-69 from the Desoto County Line to south of Arkabutla Dam Road. The scope will include the design of newly constructed interstate roadway, necessary interchanges, relocation of roads as necessary, and access/frontage roads.

I-55 Widening and Reconstruction from Relocated S.R. 304 to Church Road, DeSoto County, Mississippi. *Mississippi Department of Transportation.* Traffic Engineer. Responsible for traffic analysis of the I-55 corridor from SR 304 to Church Road. Analysis conducted for the I-55 mainline, including ramps and the local roadway signalized and stop-controlled intersections. Documented analysis findings and comparison of alternatives.

ENVIRONMENTAL PLANNING MANAGER

TJ Holliday III, P.W.S.

Mr. Holliday is an environmental specialist with project experience involving various levels of environmental assessment and other issues related to the National Environmental Policy Act (NEPA). His responsibilities have included studies for wetlands, floodplains, water quality, coastal resources, threatened and endangered species, cultural resources, hazardous materials, noise and air quality, and community impacts. He is a Certified Professional Wetland Scientist (# 2447) with over 20 years of field experience conducting wetland and stream assessments and habitat evaluations. Mr. Holliday's primary project duties have included data collection and analyses, mapping and aerial photo interpretation, document preparation, agency coordination, and regulatory permitting and compliance.

Michael Baker INTERNATIONAL

Years with Michael Baker
12

Years of Experience
23

Education
B.S., 1998, Biology, Delta State University

Licenses/Certifications
Wetland Delineation & Management Training Program, 2005, 5783

Professional Wetland Scientist, 2014, 2447

Professional Affiliations
Society of Wetland Scientists (SWS)

RELEVANT EXPERIENCE

Martin Bluff Road Improvements, Jackson County, Mississippi. *City of Gautier.* Environmental Specialist. Responsible for conducting environmental investigations necessary to prepare Categorical Exclusion (CE) to satisfy National Environmental Policy Act (NEPA) requirements in support of a road widening project in the city of Gautier, Mississippi. Michael Baker is providing engineering and environmental services for the widening and signalization of Martin Bluff Road from Gautier-Vancleave Road to the service road just north of I-10, pavement improvements to the remaining portion of the road, and replacement of the bridge near Homestead Boulevard. Michael Baker's services include field investigations, preliminary and final design, environmental studies and preparation of a categorical exclusion document, wetland delineation, surveying and mapping, right-of-way support, utility coordination, geotechnical investigation, hydraulic modeling, bidding-phase services, and construction services.

Planning and Environmental Master Contract, Statewide, Mississippi. *Mississippi Department of Transportation.* Environmental Manager. Conducted environmental studies for road improvement projects along various roadways in Mississippi. Michael Baker provided environmental consulting services for transportation projects under a three-year master services agreement. Michael Baker's services included environmental site assessments, soil and groundwater assessments and remediation activities, and supervision of underground storage tank removal and remediation system installation.

ENVIRONMENTAL SPECIALIST

Elizabeth M. Brock

Ms. Brock has experience in the environmental consulting profession, with an emphasis in natural resources investigation and related GIS mapping. Her expertise includes Environmental Site Assessments (ESAs), wetland delineations and evaluations, and Joint Permit Applications. She has conducted Phase I Environmental Site Assessments (ESAs) for projects pursuant to ASTM Standard E1527-13, which involves site inspections, land records reviews, aerial photograph analyses, topographic and geologic reviews, and technical report preparation.

Michael Baker INTERNATIONAL

Years with Michael Baker
2

Years of Experience
7

Education
B.S., 2010, Environmental Science, University of Mary Washington

RELEVANT EXPERIENCE

Beachview Drive Drainage Study, Ocean Springs, Mississippi. *Jackson County Board of Supervisors.* Environmental Specialist. Responsible for environmental services. Michael Baker provided professional services associated with performing a detailed drainage study for new improvements to existing roadside drainage ditches located within the Gulf Park Estates in Ocean Springs. The purpose of the drainage study is to provide recommendations to the stormwater drainage system to address the flood inundation of the properties in and adjacent to the Gulf Park Estates Subdivision.

Martin Bluff Sidewalk Project. *City of Gautier.* Environmental Scientist. Responsible for conducting environmental investigations necessary to prepare Categorical Exclusion (CE) to satisfy National Environmental Policy Act (NEPA) requirements in support of a sidewalk project in the city of Gautier, Mississippi.

Woodrow Wilson Avenue Resurfacing, City of Jackson, Mississippi. *City of Jackson, Mississippi.* Environmental Specialist. Assisted with state permitting. Michael Baker provided engineering services for resurfacing of Woodrow Wilson Avenue from Mill Street to I-55. The project encompassed approximately 1.3 miles of four-lane divided highway and consisted of mill and overlay up to the end of the bridge over the CN railroad, including the frontage road; concrete repair/replacement for pavement beneath the asphalt pavement (where necessary); upgrades to traffic signalization at the State Street intersection and the West Street intersection; and drainage and sidewalk improvements. Michael Baker provided survey services, including Mobile LiDAR; performed a geotechnical investigation; and developed final contract plans, specifications, and estimates (PS&E).

PROJECT MANAGER _ SURVEYING/MAPPING

Steven O. Lyle, P.L.S.

Mr. Lyle is experienced at all aspects of land surveying, including conducting preliminary highway surveys, topographic and boundary surveys, and ensuring all professional, technical, and MDOT standards are maintained. He is well-rounded and has served in many surveying positions over his career, such as survey crew member, instrument man, survey crew chief, inspector, survey/CADD manager, construction project manager, senior district surveyor, and state surveyor. Mr. Lyle is proficient with many instruments, including Leica System - SR 530 RTK - GPS Receiver, Leica TCA 1103 - Motorized w/Auto-Tracking Total Station, Leica Viva GNSS Receiver, Levels, and Trimble R8 Dual Frequency GPS Receiver. He also is affiliated with the Mississippi Association of Professional Surveyors (MAPS).

Michael Baker
INTERNATIONAL

Years with Michael Baker
10

Years of Experience
47

Licenses/Certifications
Land Surveyor, Mississippi, 1988, 2474

Professional Affiliations
Mississippi Association of Professional Surveyors (MAPS)

RELEVANT EXPERIENCE

Canton Safe Routes.*Mississippi Department of Transportation.* Project Manager. Responsible for supervision and management of survey operations to assure a timely and accurate product. Michael Baker provided engineering services for the construction of approximately 4,400 linear feet of sidewalk for the city's Safe Routes to School project. Michael Baker's services included preparation of drainage plans, a cultural resources survey, preparation of roadway design plans, construction administration, and construction inspection.

U.S. 49 Survey Services, Rankin County, Mississippi. *Mississippi Department of Transportation.* Project Manager. Responsible for carrying out duties of surveyor manager. Michael Baker is setting primary horizontal and vertical control monuments to current MDOT standards and performing topographic surveying on U.S. 49 from Florence to the Scale Area.

Professional Land Surveying Master Agreement, Statewide, Mississippi. *Mississippi Department of Transportation.* Survey Manager. Responsible for overseeing survey components of the project. Michael Baker provided professional land surveying services under a three-year master agreement.

PROFESSIONAL LAND SURVEYOR - SR. DESIGNER

James M. Tyler, P.L.S.

Mr. Tyler is a professional surveyor with experience in the surveying field with an extensive background in all areas of surveying and survey computations in U.S. and metric units, using electronic data collectors, total stations, global positioning system (GPS), and CADD software. He has extensive experience in the preparation of, and the performing of, boundary, topographic, subdivision and construction surveys. As a Professional Land Surveyor, Mr. Tyler has experience in preparing legal descriptions and plats of survey for metes and bounds, highway rights-of-way, or subdivision properties that include signing and sealing of deliverables in the four states in which he is registered for federal, state, local, and private entities. Mr. Tyler has experience in managing survey projects, CADD management, preparing cost estimates, technical proposals, scheduling and supervising field crews, performing coordinate conversions, geodetic calculations, and the post-processing of static GPS for horizontal and vertical control. He also possesses extensive knowledge in the use of MicroStation, Inroads, GEOPAK, and Trimble Business Center.

Michael Baker
INTERNATIONAL

Years with Michael Baker
23

Years of Experience
41

Licenses/Certifications
OSHA 10-Hour Construction Outreach Training, 2008, 001693278
Professional Land Surveyor, Mississippi, 1997, PLS-02697

Professional Affiliations
Mississippi Association of Professional Surveyors (MAPS)
National Society of Professional Surveyors (NSPS)
Texas Society of Professional Surveyors (TSPS)

RELEVANT EXPERIENCE

Safe Routes to School Sidewalk Improvements, Canton, Mississippi. *Mississippi Department of Transportation.* Technical Specialist. Responsible from the processing of MDOT collected survey data and the production of planimetric/topographic maps using said data. For additional survey data responsibilities included directing survey crews in the collection of survey data required and requested by design team. Also processed and checked survey data collected by survey crews. Michael Baker provided engineering services for the construction of approximately 4,400 linear feet of sidewalk for the city's Safe Routes to School project. Michael Baker's services included preparation of drainage plans, a cultural resources survey, preparation of roadway design plans, construction administration, and construction inspection.

U.S. 49 Survey Services, Rankin County, Mississippi. *Mississippi Department of Transportation.* Technical Specialist. Responsible for the procurement of supplies needed to establish 29 steel rod monuments (driven to a depth of 40 feet) and hammer driver to set rods. Responsible for adjusting GPS sessions and deriving state plane coordinates after rods were driven and GPS sessions ran. Sessions were run over a 10 day period. Also responsible for notifying Mississippi ONE Call and making sure all utilities had been located before monuments were set in ground. Also collected 3D topographic point on existing features. Michael Baker is setting primary horizontal and vertical control monuments to current MDOT standards and performing topographic surveying on U.S. 49 from Florence to the Scale Area.

PROFESSIONAL SURVEYOR

Nolan D. Brown III, P.S.

Mr. Brown's responsibilities include performing various survey duties including boundary, topographic, and hydraulic surveys. Mr. Brown's educational and work experiences are proving to be a valuable asset in Michael Baker's quality and value commitments to their clients.

Safe Routes to School Sidewalk Improvements, Canton, Mississippi. *Mississippi Department of Transportation.* Party Chief. Responsibilities included collected supplemental data to aid in the design of sidewalks on several residential streets around a school. This included the collection of all edges of pavement, centerline, drainage pipes and ditch flow lines using RTK GPS equipment. Michael Baker provided engineering services for the construction of approximately 4,400 linear feet of sidewalk for the city's Safe Routes to School project. Michael Baker's services included preparation of drainage plans, a cultural resources survey, preparation of roadway design plans, construction administration, and construction inspection.

U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. *Mississippi Department of Transportation.* Surveyor. Responsibilities included providing supplemental survey data in areas of question for the design particularly relating to drainage, utilities, and Right of Way along the corridor. Equipment used includes RTK GPS and robotic total stations. Michael Baker is providing engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20.

Michael Baker INTERNATIONAL

Years with Michael Baker
10

Years of Experience
11

Education
B.S., 2011, Agricultural Engineering Technology and Business, Mississippi State University

Licenses/Certifications
Professional Surveyor, Mississippi, 2016, PS-26984
OSHA 10-Hour Occupational Safety and Health Cert., Mississippi, 2020, 17-000185374

Professional Affiliations
Mississippi Association of Professional Surveyors (MAPS)
Mississippi Board of Licensure for Professional Engineers and Surveyors
National Society of Professional Surveyors (NSPS)

Mayes Street Bridge Replacement, Jackson, Mississippi. *City of Jackson, Mississippi.* Surveyor. Responsibilities included a full topographic survey in and around the Mayes Street Bridge for design of a replacement bridge over the Canadian National Railroad. This survey included a full survey of the railroad, roadway, utilities, property, and Right of Way for both the road and railroad. Equipment used for this project included RTK GPS and robotic total stations. Michael Baker is developing final roadway and bridge construction plans to replace an existing bridge on Mayes Street that spans the ICRR railroad in Jackson, Mississippi. This project will replace the existing 160-foot-long bridge with a 224-foot-long prestressed concrete bridge.

ASSOCIATE VICE PRESIDENT

Stephen J. Clancy, P.L.S., P.S.M., GISP

Mr. Clancy is a licensed Professional Surveyor and Mapper with extensive experience in Geographic Information Systems, LiDAR, GPS and traditional surveying and mapping. In addition to serving in various capacities in surveying and GIS related activities, Mr. Clancy also has many years of university teaching experience in the fields of Geomatics, Photogrammetry and GIS. Mr. Clancy has a diverse and broad background in the Geospatial Sciences and is charged with the technical management and operational oversight of Michael Baker's Mobile LiDAR systems and LiDAR processing, nationally.

Michael Baker INTERNATIONAL

Years with Michael Baker
12

Years of Experience
20

Education
Master's Certificate, 2011, Project Management, University of Pittsburgh, Katz Graduate School of Business
B.S., 1998, Surveying and Mapping, University of Florida

Licenses/Certifications
Certified GIS Professional, 2006, 43694
Professional Surveyor, Mississippi, 2014, 25124

Professional Affiliations
Management Association for Private Photogrammetric Surveyors (MAPPS)

RELEVANT EXPERIENCE

Mayes Street Bridge Replacement, Jackson, Mississippi. *City of Jackson, Mississippi.* Technical Manager. Supervised static scanning activities surrounding the Mayes Street Bridge and West Street intersection. Performed registration of individual point clouds and then adjusted to ground control. Prepared various intermediate datasets for extraction and review. Michael Baker is developing final roadway and bridge construction plans to replace an existing bridge on Mayes Street that spans the ICRR railroad in Jackson, Mississippi. This project will replace the existing 160-foot-long bridge with a 224-foot-long prestressed concrete bridge.

Woodrow Wilson Avenue Resurfacing, City of Jackson, Mississippi. *City of Jackson, Mississippi.* Technical Manager. Responsible for management, supervision, and quality assurance of all data collection activities for the capture of Mobile LiDAR data. Michael Baker provided mobile light detection and ranging (LiDAR) mapping services in support of roadway surveying of approximately Woodrow Wilson Avenue. Coordinated LiDAR processing activities and provided guidance on deliverables. Michael Baker provided engineering services for resurfacing of Woodrow Wilson Avenue from Mill Street to I-55. The project encompassed approximately 1.3 miles of four-lane divided highway and consisted of mill and overlay up to the end of the bridge over the CN railroad, including the frontage road; concrete repair/replacement for pavement beneath the asphalt pavement (where necessary); upgrades to traffic signalization at the State Street intersection and the West Street intersection; and drainage and sidewalk improvements. Michael Baker provided survey services, including Mobile LiDAR; performed a geotechnical investigation; and developed final contract plans, specifications, and estimates (PS&E).

PROJECT MANAGER

Shawn L. Wozencraft, P.E.

Mr. Wozencraft has many approximately 21 years of experience as a Civil Engineer and Project Manager. His recent Project Management experiences include: Utility Design and Construction, Marine Design and Construction, Dredge Project Design and Construction, Transportation Design and Construction, and Structural Design and Construction. His past project experiences include: Project Management, Environmental Permitting, Wetlands Permitting, Construction Management, Site Design, Disaster Assistance Management, Transportation, Master Planning, and Hydraulic and Hydrologic Studies/Modeling.

Michael Baker INTERNATIONAL

Years with Michael Baker
2

Years of Experience
23

Education
B.S.C.E., 1999, Civil Engineering, University of South Alabama

Licenses/Certifications
Professional Engineer, Mississippi, 2005, 17068

RELEVANT EXPERIENCE

Martin Bluff Road Improvements. *City of Gautier, Mississippi.* Construction Project Manager. Responsible for management of this $7 Million project. Preliminary tasks included coordination of the required utility relocations. Due to the roadway widening – the water, sewer, gas, phone, fiber optic, and electrical utilities had to be relocated. These utilities were all relocated outside the project limits and this effort required coordination and oversight for each of the utility companies. Shawn will manage the remainder of construction, as well.

Front Beach Shoreline Stabilization Project, Ocean Springs, Mississippi. *Jackson County Board of Supervisors.* Project Manager. Responsible for project management, engineer of record, hydraulic and hydrologic modeling, client coordination, and environmental oversight. Michael Baker performed design and engineering services for three phases of approximately one mile of stormwater conveyance systems to mitigate beach erosion. The project was initiated to determine the root cause of beach erosion and to develop mitigation strategies to protect adjoining coastal infrastructure, including a walkway and road. For the project, Michael Baker provided design, permitting, bid-phase support, and construction administration services. The project required relocation of water, electrical, and irrigation systems.

Biloxi Infrastructure Restoration Program, DIV1/DIV2, Biloxi, Mississippi. Project Manager for the FEMA funded project with an approximate construction cost of $20 Million. The project is located in East Biloxi and was a portion of the overall "North Contract" that had a construction cost of more than $200 Million. The project consisted of replacing drainage, water, sewer, roadways, sidewalks, etc. The project also required relocation of underground electrical, fiber optic, etc.

Burns Cooley Dennis, Inc.

Education
M.S. in Civil Engineering
Mississippi State University
1984

B.S. in Civil Engineering
Mississippi State University
1978

Professional Registrations
Professional Engineer -
Mississippi, 1984
Alabama, 1991
Arkansas, 1992
Texas, 1999
Louisiana 2009

Affiliations
Tau Beta PI
Chi Epsilon
American Society of Civil Engineers
Consulting Engineers Council of Mississippi

A. E. (Eddie) Templeton, P.E.

Project Manager

Background. Mr. Templeton has over 40 years of experience in the geotechnical engineering profession. His advanced education includes an M.S. degree in Geotechnical Engineering from Mississippi State University. Prior to joining Burns Cooley Dennis, Inc. in 1991, he served for nine years at the Vicksburg District USACE and for two years at Tensar Earth Technologies. He is experienced in a wide variety of engineering projects including bridges, roadways, retaining walls, earth slide remediation, navigation structures, flood control structures, earth dams, single and multi-story buildings, wastewater treatment facilities, industrial facilities, towers, tanks and landfills. He has been responsible for all phases of geotechnical investigations and analyses.

Roads and Bridges. Mr. Templeton has considerable experience in geotechnical investigation and design for roads and bridges and associated embankment fills. His responsibilities have included the planning and coordination of field and laboratory investigations, analyses of driven and cast-in-place pile capacities, the evaluation of embankment stability and settlement, and the design of staged construction sequence for embankments over weak compressible soils. Mr. Templeton has had geotechnical responsibilities for MDOT design-build projects for U. S. Highway 90 bridge over St. Louis Bay, SR 21, I-20 bridge widening in Lauderdale and Newton Counties and I-55 bridge widening in Pearl River County. More recent projects on which he has worked include I-269 from north of Highway 305 to SR 178, which includes approximately 9.5 miles of centerline profile and 12 bridge sites; the Grand Gulf Access Road in Claiborne County which includes centerline profile and a bridge over Bayou Pierre; the Airport Parkway which include 19 bridges, one of which crosses the Pearl River; the SR 611 bridge over U.S. 90 which required wick drains and geosynthetic reinforcement to mitigate potential settlement and stability problems; 34.6 kilometers of centerline profile and 13 bridge sites along realigned SR 4 from SR 3 to New Town in Tate County; 16.3 kilometers of centerline profile along realigned U.S. 84 between Waynesboro and the Alabama line in Wayne County; the bridge over the Pearl River at Rockport in Copiah County, Mississippi; and the Highway 44 bridge over the Pearl River in Lawrence County. Mr. Templeton has designed numerous reinforced earth walls for temporary and permanent roadway applications.

RANDY AHLRICH, PH.D., P.E.
VICE PRESIDENT – CMET SERVICES MANAGER

Years' Experience: 37

Education:
Doctor of Philosophy
Auburn University
Civil Engineering
1995

Master of Science
Mississippi State University
Civil Engineering
1990

Bachelor of Science
Mississippi State University
Civil Engineering
1983

Registrations/Certifications:
Professional Engineer:
Mississippi (10181)

Professional Affiliations:
ASCE, NSPE, MES, ACI, ASTM, AAPT, NAPA, MAPA, MCIA, MRBA

Dr. Ahlrich has over 37 years experience in the civil engineering profession with emphasis in the areas of pavement design and construction, geotechnical engineering, materials testing and research. Dr. Ahlrich has provided technical assistance to the Army, Air Force, Navy, U.S. Forest Service, MDOT, FHWA, FEMA and FAA on numerous military, state, and federal pavement systems. He has been responsible for planning, developing and coordinating all phases of pavement investigations, inspections, evaluations, designs and research. Dr. Ahlrich has experience in materials testing, asphalt and concrete mix designs, pavement design, pavement construction and pavement evaluation. As a consultant, he has been responsible for conducting subsurface investigations, forensic pavement investigations, Marshall and SUPERPAVE asphalt mix designs, concrete mix designs, pavement inspections and evaluations, structural pavement designs, and trouble-shooting construction and material problems.

Dr. Ahlrich serves as Construction Materials Engineering and Testing Services Manager at Burns Cooley Dennis and served as laboratory manager of the Materials Research Center as WES which was responsible for materials testing and pavement research. The materials testing included evaluation of aggregates, asphalt materials, joint sealants, geotextiles, and AC and PCC mixtures. Test procedures included standard ASTM and AASHTO methods for asphalt binder materials, Marshall mix design analyses, and SHRP asphalt binder and mix design procedures. Dr. Ahlrich serves a laboratory manager for BCD's AASHTO and Corps of Engineers Accredited laboratory for asphalt, concrete, soils and earthwork materials.

Dr. Ahlrich is Principal In-Charge and Manager of construction materials testing and inspection services for Burns Cooley Dennis, Inc. Dr. Ahlrich has supervised and managed several large, fast-track construction projects that involved significant earthwork construction, concrete construction, asphalt placement, bridge construction and chemical stabilization. Dr. Ahlrich has coordinated several investigations and developed subgrade profiles for several highway, state roads, streets and airport projects. The results of the subgrade profiles have been used to estimate CBR values that have been utilized to conduct structural pavement designs. Dr. Ahlrich has also been responsible for evaluating potential borrow sources for a variety of projects for new roadway embankments and airport pavements. Borrow investigations involve selection of boring locations and laboratory testing that includes Atterberg limits, sieve analyses, compaction tests, and soil classifications.

Kevin Williams, P.E.
ASPHALT MATERIALS/PAVEMENT ENGINEER

Years' Experience: 20

Education:
Masters of Science
Mississippi State University
Civil Engineering
2012

Bachelor of Science
Auburn University
Civil Engineering
2001

Registrations/Certifications:
Professional Engineer:
Mississippi (18338)

Professional Affiliations:
National Society of Professional Engineers - NSPE
MS Engineering Society - MES

Mr. Williams has over 20 years in the civil engineering profession. In 2001, he began his career with the National Center for Asphalt Technology (NCAT), where he had previously worked as a laboratory technician during his undergraduate studies at Auburn University. As a research engineer at NCAT, Mr. Williams managed laboratory and field testing for various hot mix asphalt research projects. His primary area of focus was the design of open graded friction courses (OGFCs). Other areas of research included evaluations of antistrip materials, Superpave gyratory compactor angle and assisted on National Cooperative Highway Research Program (NCHRP) studies 9-9 (Refinement of the Superpave Gyratory Compaction Procedure) and 9-27 (HMA in-place Air Voids, Lift Thickness and Permeability). In addition to performing HMA testing, Mr. Williams instructed and performed laboratory demonstrations for various technology courses. He also served as instructor for Alabama DOT Aggregate Technician Course and Florida DOT Asphalt Plant Level I and Asphalt Paving Level I. He also had the responsibility of evaluating new materials testing equipment and methods, which included automated methods to determine fine aggregate specific gravity.

In 2006, Mr. Williams joined Burns Cooley Dennis, Inc. in Ridgeland, Mississippi, where he presently serves as Asphalt Materials Engineer. His duties include managing asphalt materials laboratory and field testing services for MDOT, Office of State Aid Road Construction, county, FAA, FHWA and commercial projects. These services include asphalt materials sampling and quality control (QC), quality assurance (QA), and asphalt binder testing.

Mr. Williams has conducted a number of geotechnical and pavement explorations on airfields and residential, commercial, industrial, MDOT, Office of State Aid Road Construction roadways in order to provide engineering recommendations.

He has designed and reviewed numerous asphalt mix designs for FAA, Office of State Aid Road Construction, county, and commercial projects.

Mr. Williams has conducted and managed asphalt materials field and laboratory testing for research projects. Areas of research include asphalt lift thickness, aggregate cleanliness, asphalt absorption, RAP characteristics, and permeability. He also manages personnel training and AMRL accreditation for asphalt, soils and aggregate materials.

Robert Varner, P.E.
CONCRETE MATERIALS ENGINEER AND SPECIAL INSPECTIONS *Years' Experience:* 35

Education:
Bachelor of Science
Mississippi State University
Civil Engineering
1992

Registrations/Certifications:
Professional Engineer:
Alabama
Mississippi (13614)

Certifications::
ACI Grade 1 Field Testing
ACI Aggregate Level 1
ACI Concrete Strength Testing
ACI Adhesive Anchor Installer
MDOT Class 3 Concrete

Professional Affiliations:
American Society of Civil Engineers - ASCE
American Concrete Institute – ACI
American Concrete Pavement Association - ACPA
Mississippi Concrete Industries Association - MCIA
National Society of Professional Engineers – NSPE
Mississippi Engineering Society

Mr. Varner has been involved in the construction industry for over 35 years with experience in training and certification, concrete materials testing, research, special inspections, forensic investigations, concrete pavement design, association management, and metal building design. Robert is responsible for concrete pavement design, concrete testing, and special inspections for Burns Cooley Dennis, Inc. (BCD).

Robert is the examiner for the American Concrete Institute (ACI) technician certification programs offered by the Mississippi Concrete Industries Association including; ACI Grade 1 Field Testing Technician, ACI Aggregate Testing Technician Level 1, ACI Strength Testing Technician, ACI Laboratory Technician Grade 1, Flatwork Finisher & Technician Certification, and ACI Adhesive Anchor Installer. Mr. Varner provides training and examinations for these programs. Mr. Varner is also an examiner for the National Ready Mixed Concrete Association's Pervious Concrete Contractor Certification Program and for the Mississippi Department of Transportation's Class 3 Concrete Technician certification program for technicians that proportion concrete mixtures. Robert is active in technology transfer and has provide presentations for seminars offered by the Mississippi Concrete Industries Association and the ACI Mid-South Chapter. Robert is a guest lecturer and provides classroom instruction in fundamentals of concrete and quality control testing for the construction materials class offered by the Department of Civil and Environmental Engineering at Mississippi State University.

Mr. Varner is responsible concrete materials testing for BCD. Robert reviews all concrete field and laboratory test reports and is responsible for maintaining high quality concrete testing services and high competency levels for AASHTO laboratory accreditation.

Mr. Varner is responsible for special inspections at BCD. These services include inspection of pre-cast concrete bridges for the Mississippi Office of State Aid Road Construction and commercial buildings under the International Building Code. Robert reviews special inspection reports drafted by BCD engineers and technicians and assists with these inspections as needed. Robert is also an approved inspector for the National Ready Mixed Concrete Association's plant certification program.

Burns Cooley Dennis, Inc.

Education
B.S. - Civil Engineering
University of Mississippi
2006

Professional Registrations
Professional Engineer:
Mississippi – 2011 (20264)

Affiliations
Tau Beta Pi
Chi Epsilon
Phi Kappa Phi
American Society of Civil Engineers (ASCE)

MARCOS V. F. RODRIGUES, P.E.

Project Engineer

Mr. Rodrigues has been engaged in the field of geotechnical engineering for over 14 years. Prior to joining Burns Cooley Dennis, Inc. in 2006, he served for two years as a survey crew manager at ESA Engineering and Systems, Inc., and for three years as a Lieutenant Commander Engineer for the Brazilian Army. He is experienced in a wide variety of engineering projects including bridges, roadways, retaining walls, earth dams, single and multi-story buildings, industrial facilities, towers, tanks and forensic investigations. He has been responsible for all phases of geotechnical investigations, analyses and reporting.

Mr. Rodrigues' engineering experience related to roads and bridges includes: planning field and laboratory investigations; preparation of geotechnical reports and specifications; analyses of driven and cast-in-place pile capacities; monitoring and interpreting static pile load tests; performing dynamic pile testing (PDA) and computing pile capacity using CAPWAP; evaluating pile driving systems using Wave Equation Analyses (WEAP) and developing pile driving criteria for production piles; performing Low Strain Pile Integrity Testing (P.I.T.) to evaluate the general structural integrity of deep foundation elements; evaluating embankment stability and settlement; evaluating liquefaction potential, lateral spreading and seismic stability of slopes; and application of LRFD design methodology to transportation structures.

Some of the projects on which he has worked include:

- *Lake Harbor Extension Bridge over I-55*, Hinds County, Mississippi. Mr. Rodrigues was the project geotechnical engineer responsible for supervising and coordinating subsurface investigations and laboratory testing, and the preparation of the geotechnical report including drilled shaft and driven pile capacity, determination of seismic site classification and PGA, slope stability and settlement analyses. The bridge design was performed in accordance with LRFD (Load Resistance Factor Design).

- *Pearson Road from Richland Creek to SR 468, Bridge over Kansas City Southern Railroad*, Rankin County, Mississippi. Mr. Rodrigues was the project geotechnical engineer responsible for supervising and coordinating subsurface investigations and laboratory testing, and the preparation of geotechnical reports including, drilled shaft and driven pile capacity, determination of seismic site classification and PGA and evaluation of embankment stability and settlement. The bridge design was performed in accordance with LRFD (Load Resistance Factor Design).

SAFETY OFFICER

William R. O'Reilly, P.E.

Mr. O'Reilly has over 30 years of experience in the area of highways. He has worked in the areas of highway construction, design, and traffic engineering. Mr. O'Reilly also has an extensive knowledge of the Manual on Uniform Traffic Control Devices, more specifically signing and temporary traffic control.

RELEVANT EXPERIENCE

U.S. 49 Florence to Scales Construction Engineering and Inspection, Rankin County, Mississippi. . Traffic Engineer. Responsibilities included compliance with Part 6 (Temporary Traffic Control) of the Manual on Uniform Traffic Control Devices and Mississippi Department of Transportation (MDOT) standards and specifications relating to traffic control and work zones. Michael Baker provided engineering services, including field surveys, preliminary through final design, construction phase services, and public relations support, for the construction of U.S. 49 from Florence to the Scales Area. Working as an extension of client staff, Michael Baker provided construction management, Phase C Design (RFI/submittals), utility coordination, scheduling review (Primavera P6), material testing, erosion control, surveying, traffic control, and public relations support, for the construction of U.S. 49 from Florence to the Scale Area.

Canton Safe Routes to School, Canton, Mississippi. *Mississippi Department of Transportation.* Engineer. Responsibilities include the monitoring of Work Zone Traffic Control and Stormwater BMPs. Michael Baker is providing engineering services for the city of Canton Safe Routes to School project. Tasks include construction engineering inspection, surveying, invoice preparation, final invoice documentation, and project record keeping and correspondence.

Michael Baker INTERNATIONAL

Years with Michael Baker
4

Years of Experience
32

Education
B.S., 1987, Civil Engineering, Mississippi State University College of Engineering

Licenses/Certifications
OSHA 10-Hour Construction Outreach Training, 2019
Storm Water Management Training Certification, Mississippi, 18098
Erosion & Sediment Control, Mississippi, 2018, 18098
OSHA 30-Hour Construction Outreach Training, 2019
ATSSA Traffic Control Flagger, Mississippi, 2019
Professional Engineer, Mississippi, 1995, 12619

Professional Affiliations
Institute of Transportation Engineers (ITE)
Mississippi Engineering Society (MES)
National Society of Professional Engineers (NSPE)

James O. Turner II, MAI

Education: B.B.A Degree, Delta State University, 2003

Experience

Managing Director for IRR- Jackson. Mr. James Turner, MAI has held a Mississippi Real Estate Broker's License and has been a long standing member of the National Association of Realtors, the Appraisal Institute, and a current member of IRWA Chapter 40. He is currently licensed as a Certified General Real Estate Appraiser (GA-854). Mr. Turner is proficient in income models, linear regression and statistical analysis, feasibility studies, cost analysis, and sales comparison analysis. He is experienced in retail commercial, hotel commercial, religious facilities, office commercial, industrial, agricultural, land, subdivision, and single-family and multi-family residential properties. Mr. Turner has completed multiple Right-of-Way acquisition appraisals for proposed and existing roadways and public easements. Mr. Turner has the abilities and knowledge to work closely with project engineers and attorneys throughout any public improvement design and acquisition process and is available to aid in feasibility analysis driven design to minimizing property damages, right of entry agreements for survey and planning purposes, appraisal, appraisal review, acquisition, and settlement negotiation processes.

Professional Activities & Affiliations

- Member: National Association of Realtors, July 2003 Member: Mississippi Association of Realtors, July 2003
- Appraisal Institute, Associate Member Appraisal Institute, January 2004 Member: International Right of Way Associations, January 2014 Member: Jackson Association of Realtors, January 2005
- Member: Jackson Multiple Listing Service, January 2004 Vice President: Urban Renewal District Board, June 2014 Appraisal Institute, Member (MAI) January 2017

Licenses

- Mississippi, Certified General Real Estate Appraiser, GA 854, Expires July 2021
- Louisiana, Certified General Appraiser, G4056, Expires December 2021
- Texas, Certified General Real Estate Appraiser, TX 1380657 G, Expires October 2022
- Tennessee, Certified General Real Estate Appraiser, 5417, Expires October 2021
- Oklahoma, Certified General Real Estate Appraiser, 13427CGA, Expires July 2022
- Alabama, Certified General Real Property Appraiser, G01427, Expires September 2021
- Arizona, Certified General Real Estate Appraiser, CGA 1006370, Expires January 2022
- Virginia, Certified General Real Estate Appraiser, 4001017889, Expires February 2022
- Kentucky, Certified General Appraiser, 5493, Expires June 2021
- South Carolina, Certified General Appraiser, 7926, Expires June 2022
- Arkansas, State Certified General Appraiser, CG 4292, Expires August 2021

John R. Praytor, MAI, AI-GRS

Education: B.B.A. Degree, Delta State University, 1990 | M.B.A. Degree, Delta State University, 1992

Experience

Executive Director for INTEGRA REALTY RESOURCES - JACKSON. Actively engaged in real estate valuation and consulting since 1987. Extensive experience in the valuation of regional malls, community/neighborhood shopping centers, office buildings - CBD and suburban, warehouse/distribution, multi-family (including CBD condominium development), hotels and motels, vacant land and special purpose properties. Clients served include banks and financial institutions, developers and investors, law firms, business/industry and government, and mortgage bankers. Valuations have been performed for condemnation purposes, estate and financing. Experience is concentrated in metropolitan properties including office buildings, industrial buildings, apartments, senior housing, shopping centers, convenience stores, health facilities, condemnation, and litigation support.

Professional Activities & Affiliations

- Realtor of the Year, Jackson Association of Realtors, January 2009 - December 2009 President: Board of Directors of the Jackson Association of Realtors, January 2008 -December 2008
- President: Jackson Multiple Listing Service, January 2011 - December 2011
- Vice President: Board of Directors of the Jackson Association of Realtors, January 2007 -December 2007
- Member: National Association of Realtors, August 1987Member: Jackson Board of Realtors, July 1994
- Member: Mississippi Association of Realtors, August 1987
- Member: Board of Directors of the Jackson Multiple Listing Service, January 2002 -December 2003
- Member: Board of Directors of the Jackson Association of Realtors, January 2006 -December 2006
- Member: National Association of Realtors Appraisal Committee, January 2009 - December2012
- Member: National Association of Realtors Multiple Listing Issues & Policies Committee,January 2009 - December 2011
- Member: National Association of Realtors Research Committee, January 2010 - December2012
- Appraisal Institute, Member (MAI) , April 2015

Licenses

Mississippi, Certified General Real Estate Appraiser, GA-369, Expires December 2021
Louisiana, Certified General Real Estate Appraiser, G3897, Expires December 2021
Tennessee, Certified General Real Estate Appraiser, 5234, Expires August 2022
Arkansas, State Certified General Appraiser, CG-4346, Expires August 2021
Alabama, Certified General Real Property Appraiser, G01465, Expires September 2021

B. SF 330 PART II

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME
Michael Baker International, Inc. (CAGE CODE 698X1)

3. YEAR ESTABLISHED
2015

4. UNIQUE ENTITY IDENTIFIER
017864339

2b. STREET
310 New Pointe Drive

2c. CITY
Ridgeland

2d. STATE
MS

2e. ZIP CODE
39157

5. OWNERSHIP

a. TYPE
Limited Liability Company

b. SMALL BUSINESS STATUS
No

6a. POINT OF CONTACT NAME AND TITLE
William R. Balentine, P.E., P.L.S., Office Executive

6b. TELEPHONE NUMBER
601-607-8712

6c. E-MAIL ADDRESS
Ray.Balentine@mbakerintl.com

7. NAME OF FIRM *(If Block 2a is a Branch Office)*
Michael Baker International, LLC

8a. FORMER FIRM NAME(S) *(If any)*
Michael Baker Jr., Inc.

8b. YEAR ESTABLISHED
1945

8c. UNIQUE ENTITY IDENTIFIER
033338286

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	(2) BRANCH	a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
02	Administrative	625	6	B02	Bridges	6
12	Civil Engineer	488	9	C15	Construction Management	7
15	Construction Inspector	248	5	C16	Construction Surveying	1
16	Construction Manager	113	1	G04	GIS: Development, Analysis, & Data Collection	3
28	Geodetic Surveyor	6	1	H07	Highways; Streets; Airfield Paving; Parking Lots	4
29	GIS Specialist	120	3	P06	Planning (Site, Installation and Project)	2
38	Land Surveyor	28	3	R03	Railroad and Rapid Transit	1
48	Project Manager	65	1	T03	Traffic & Transportation Engineering	4
58	Technician/Analyst	75	1	W02	Water Resources; Hydrology; Ground Water	1
60	Transportation Engineer	144	2			
	Designer/CADD Technician	190	3			
	Engineering Technician	501	5			
	Survey Technician	49	2			
	Other Employees	827	0			
	Total	3479	42			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	7
c. Total Work	7

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE

b. DATE
7/1/2021

c. NAME AND TITLE
William R. Balentine, P.E., P.L.S., Office Executive

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME
Michael Baker International, Inc. (CAGE CODE 76KT9)

3. YEAR ESTABLISHED
2015

4. UNIQUE ENTITY IDENTIFIER
079482880

2b. STREET
2113 Government Street, Suite D3

2c. CITY
Ocean Springs

2d. STATE
MS

2e. ZIP CODE
39564

5. OWNERSHIP

a. TYPE
Limited Liability Company

b. SMALL BUSINESS STATUS
No

6a. POINT OF CONTACT NAME AND TITLE
William R. Balentine, P.E., P.L.S., Office Executive

6b. TELEPHONE NUMBER
601-607-8712

6c. E-MAIL ADDRESS
Ray.Balentine@mbakerintl.com

7. NAME OF FIRM *(If Block 2a is a Branch Office)*
Michael Baker International, LLC

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
Michael Baker Jr., Inc.	2010	079482880
The LPA Group Incorporated	2007	009858568

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	(2) BRANCH	a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
02	Administrative	625	2	A06	Airports; Terminals; & Hangars; Freight Handling	5
12	Civil Engineer	488	2	C15	Construction Management	1
15	Construction Inspector	248	2	E09	EIS, Assessments or Statements	3
16	Construction Manager	113	1	H07	Highways; Streets; Airfield Paving; Parking Lots	1
21	Electrical Engineer	19	1	P06	Planning (Site, Installation and Project)	2
	Designer/CADD Technician	190	1	W03	Water Supply; Treatment and Distribution	2
	Engineering Technician	501	2			
	Environmental Scientist/Specialist	106	1			
	Planner	191	1			
	Other Employees	998	0			
	Total	3479	13			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	0
b. Non-Federal Work	6
c. Total Work	6

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE

b. DATE
7/1/2021

c. NAME AND TITLE
William R. Balentine, P.E., P.L.S., Office Executive

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME
Michael Baker International, Inc. (CAGE CODE 688M9)

3. YEAR ESTABLISHED
2015

4. UNIQUE ENTITY IDENTIFIER
195201660

2b. STREET
11 North Water Street, Suite 14290

5. OWNERSHIP

a. TYPE
Limited Liability Company

2c. CITY
Mobile

2d. STATE
AL

2e. ZIP CODE
36602

b. SMALL BUSINESS STATUS
No

6a. POINT OF CONTACT NAME AND TITLE
William R. Balentine, P.E., P.L.S., Office Executive

7. NAME OF FIRM *(If Block 2a is a Branch Office)*
Michael Baker International, LLC

6b. TELEPHONE NUMBER
601-607-8712

6c. E-MAIL ADDRESS
Ray.Balentine@mbakerintl.com

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
Michael Baker Jr., Inc.	2010	195201660
The LPA Group Incorporated	1988	058814021

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	(2) BRANCH	a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
02	Administrative	625	2	A06	Airports; Terminals; & Hangars; Freight Handling	4
06	Architect	51	2	B02	Bridges	2
12	Civil Engineer	488	2	C15	Construction Management	4
15	Construction Inspector	248	8	E11	Environmental Planning	1
16	Construction Manager	113	1	G05	Geospatial Data Conversion: Scanning, Drafting	1
29	GIS Specialist	120	2	H07	Highways; Streets; Airfield Paving; Parking Lots	3
60	Transportation Engineer	144	1	P06	Planning (Site, Installation and Project)	2
	Bridge Inspector	39	1	R06	Rehabilitation (Buildings; Structures; Facilities)	3
	Designer/CADD Technician	190	2			
	Engineering Technician	501	3			
	Other Employees	960	0			
	Total	3479	24			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	6
c. Total Work	6

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE

b. DATE
7/1/2021

c. NAME AND TITLE
William R. Balentine, P.E., P.L.S., Office Executive

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME
Michael Baker International, Inc. (CAGE CODE 79CQ0)

3. YEAR ESTABLISHED
2015

4. UNIQUE ENTITY IDENTIFIER
149480977

2b. STREET
3536 Concours Street, Suite 100

2c. CITY
Ontario

2d. STATE
CA

2e. ZIP CODE
91764

5. OWNERSHIP

a. TYPE
Limited Liability Company

b. SMALL BUSINESS STATUS
No

6a. POINT OF CONTACT NAME AND TITLE
Tanya K. Bilezikjian, P.E., ENV SP, Office Executive

6b. TELEPHONE NUMBER
909-974-4920

6c. E-MAIL ADDRESS
tbilezikjian@mbakerintl.com

7. NAME OF FIRM *(If Block 2a is a Branch Office)*
Michael Baker International, LLC

8a. FORMER FIRM NAME(S) *(If any)*
RBF Consulting

8b. YEAR ESTABLISHED
2002

8c. UNIQUE ENTITY IDENTIFIER
149480977

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	(2) BRANCH	a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
02	Administrative	625	7	C10	Commercial Building; (low rise); Shopping Ctrs	4
05	Archaeologist	25	1	C15	Construction Management	2
12	Civil Engineer	488	13	E09	EIS, Assessments or Statements	5
29	GIS Specialist	120	1	E11	Environmental Planning	2
38	Land Surveyor	28	3	H07	Highways; Streets; Airfield Paving; Parking Lots	6
48	Project Manager	65	1	H11	Housing (Residential, Multifamily, Apts, Condos)	5
53	Scheduler	8	1	S10	Surveying Platting Mapping Flood Plain Studies	1
58	Technician/Analyst	75	2	S13	Stormwater Handling & Facilities	5
60	Transportation Engineer	144	4	T03	Traffic & Transportation Engineering	5
	Designer/CADD Technician	190	1	T04	Topographic Surveying and Mapping	4
	Engineering Technician	501	8	W02	Water Resources; Hydrology; Ground Water	5
	Environmental Scientist/Specialist	106	2			
	Planner	191	5			
	Survey Technician	49	10			
	Other Employees	864	0			
	Total	3479	59			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	2
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE
Tanya B

b. DATE
7/1/2021

c. NAME AND TITLE
Tanya K. Bilezikjian, P.E., ENV SP, Office Executive

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or Branch Office)* NAME	BURNS COOLEY DENNIS, INC.
3. YEAR ESTABLISHED	1985
4. UNIQUE ENTITY IDENTIFIER	147728489
2b. STREET	551 Sunnybrook Road
2c. CITY	Ridgeland
2d. STATE	MS
2e. ZIP CODE	39157
5. OWNERSHIP	
a. TYPE	Corporation
b. SMALL BUSINESS STATUS	Yes
6a. POINT OF CONTACT NAME AND TITLE	A. E. (Eddie) Templeton, P.E./President
6b. TELEPHONE NUMBER	601-856-9911
6c. E-MAIL ADDRESS	etempleton@bcdgeo.com
7. NAME OF FIRM *(If Block 2a is a Branch Office)*	

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	7	
08	CADD Technician	1	
27	Foundation/Geotechnical	9	
30	Geologist	1	
40	Materials Engineer	6	
	Pavement Specialist	1	
	Computer Specialist	1	
	Drilling Personnel	11	
	Geotechnical Lab Technician	5	
	Materials Field/Lab Technician	25	
	Other Employees		
	Total	67	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
S05	Soils & Geologic Studies -Foundations	5
T02	Testing & Inspection Services	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work		5	
b. Non-Federal Work		7	
c. Total Work		7	

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000.
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	
b. DATE	1-11-2021
c. NAME AND TITLE	A. E. (Eddie) Templeton, P.E., President

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME	Integrated Right of Way, LLC
2b. STREET	617 Renaissance Way, Suite 200
2c. CITY	Ridgeland
2d. STATE	MS
2e. ZIP CODE	39157
3. YEAR ESTABLISHED	2017
4. DUNS NUMBER	
5. OWNERSHIP	
a. TYPE	Limmited Liability Company
b. SMALL BUSINESS STATUS	No Sub-Category
6a. POINT OF CONTACT NAME AND TITLE	James Turner, President
6b. TELEPHONE NUMBER	601-790-0443
6c. E-MAIL ADDRESS	jimturner@irr.com
7. NAME OF FIRM *(If block 2a is a branch office)*	
8a. FORMER FIRM NAME(S) *(If any)*	
8b. YR. ESTABLISHED	
8c. DUNS NUMBER	

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
	Project Coordinator	1	
	Administration	1	
	Acquisition	2	
	General Consul	1	
	Other Employees		
	Total	5	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
	See Experience History	3

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	
b. Non-Federal Work	3
c. Total Work	3

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE 06/28/2021

c. NAME AND TITLE James O. Turner II, President

C. LICENSES AND CERTIFICATIONS

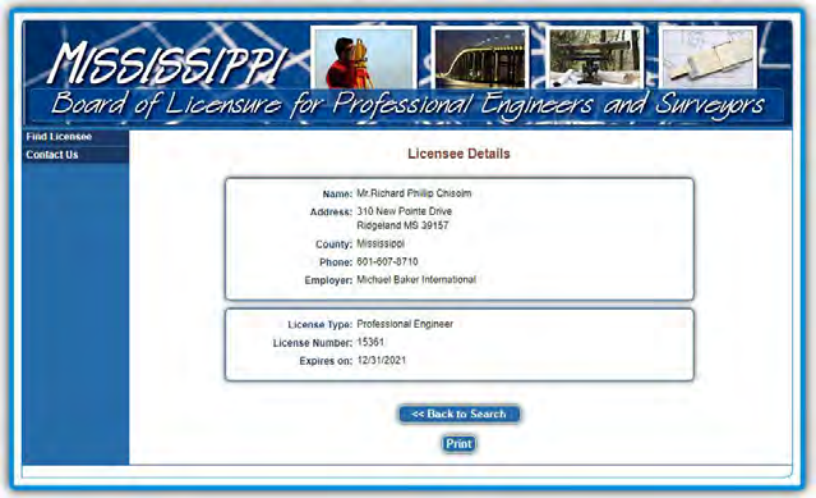
Mississippi Board of Licensure for Professional Engineers and Surveyors

Firm License

Project Manager – Kenny Collins

Principal In Charge – Ray Balentine

QA/QC – Richard Chisolm

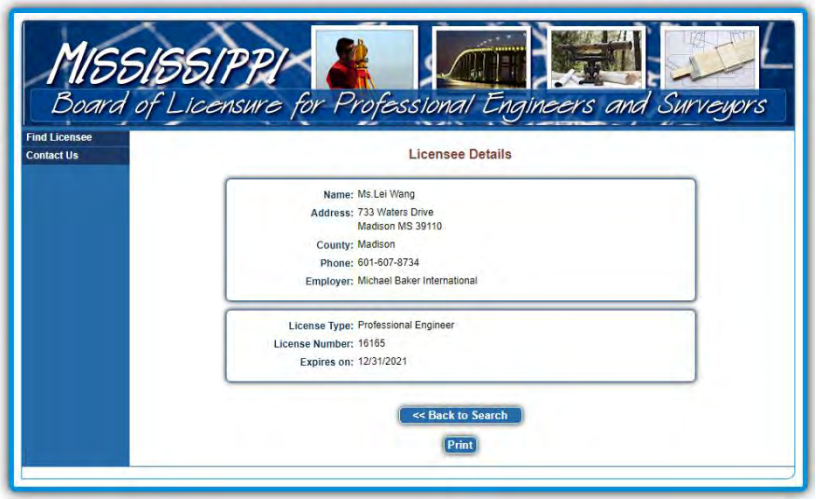


MDOT - Local Public Agency Process Training and Certification

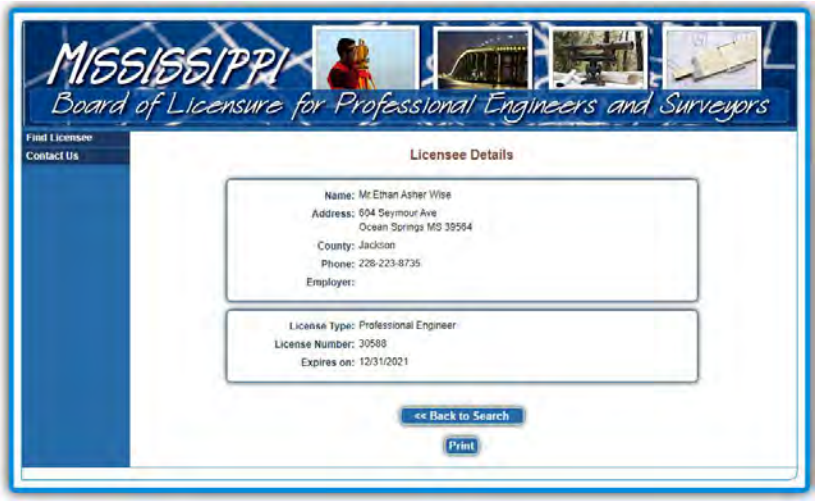
Ronald J. Stuart

Jeff May

Lei Wang



Ethan Wise

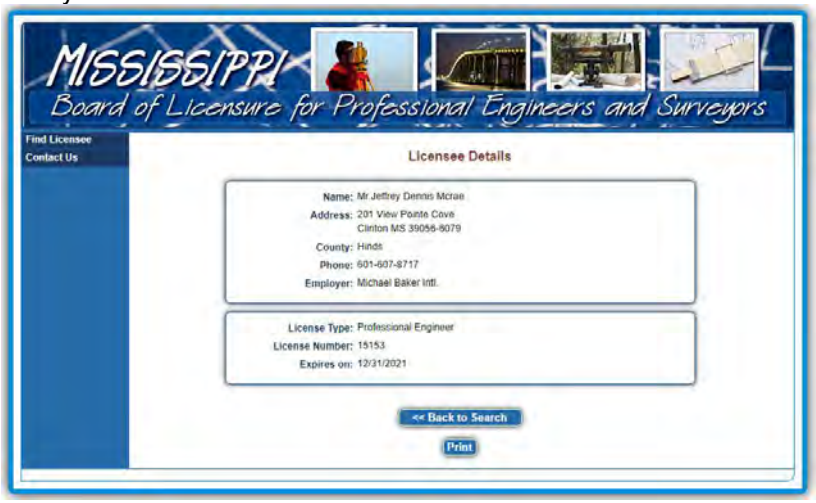


MDOT - Local Public Agency Process Training and Certification

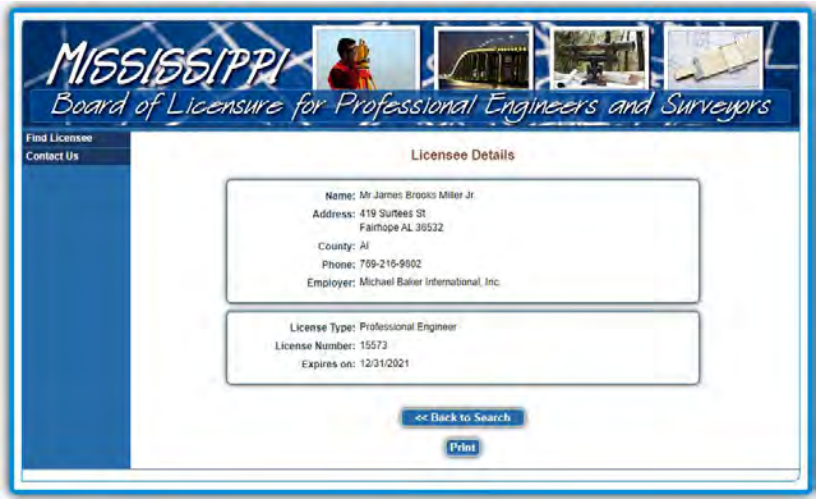
Mitch Carr

Mike Cresap

Jeffrey McRae

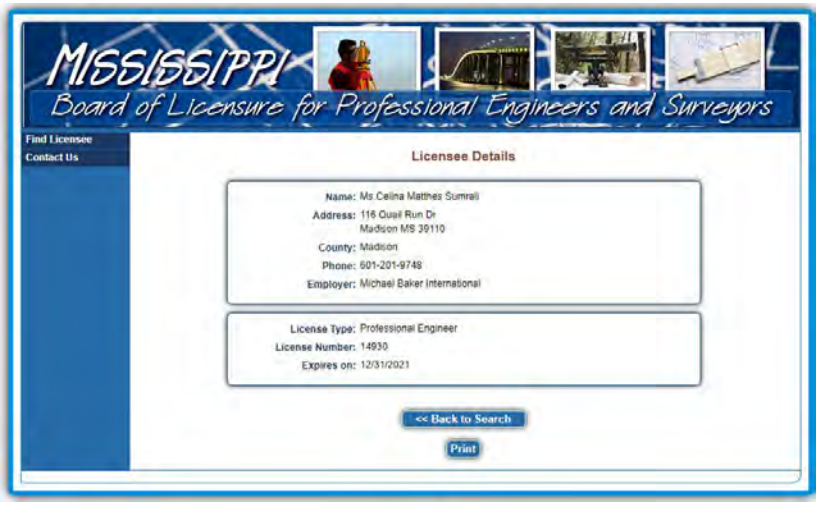


Brooks Miller

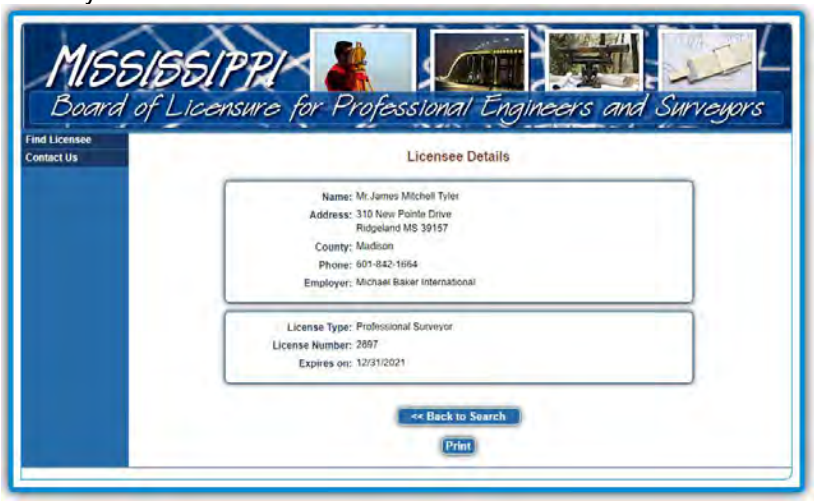


MDOT - Local Public Agency Process Training and Certification

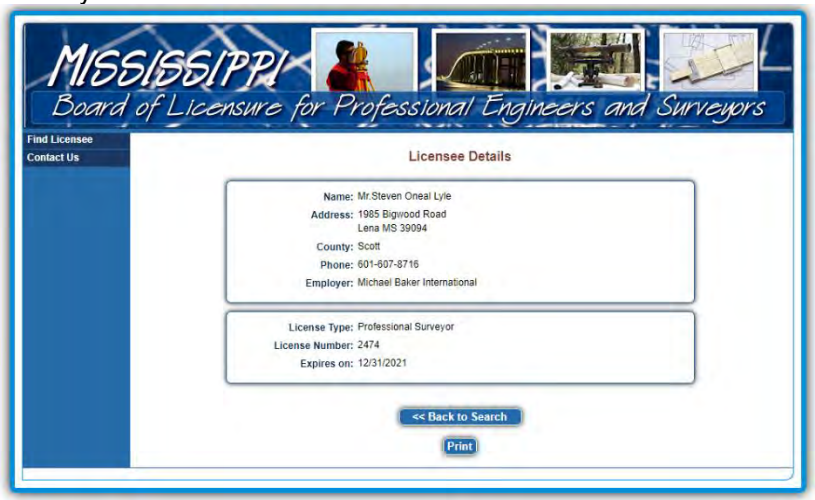
Celina Sumrall



Mitch Tyler



Steve Lyle

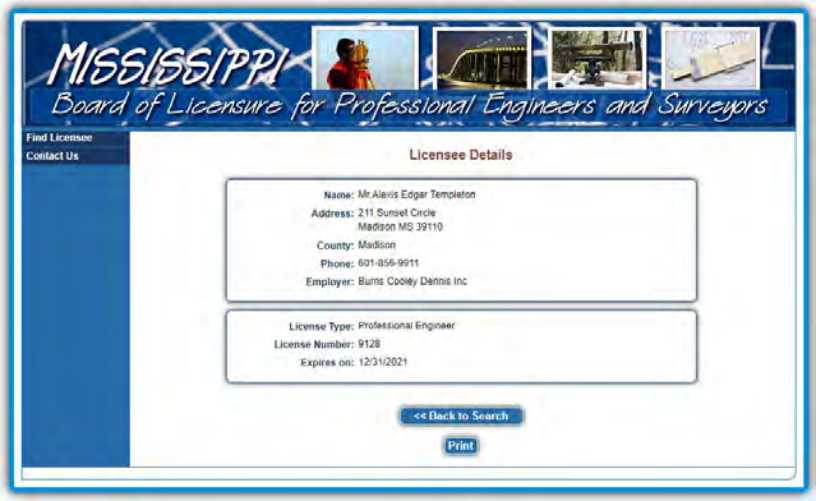


Trey Brown

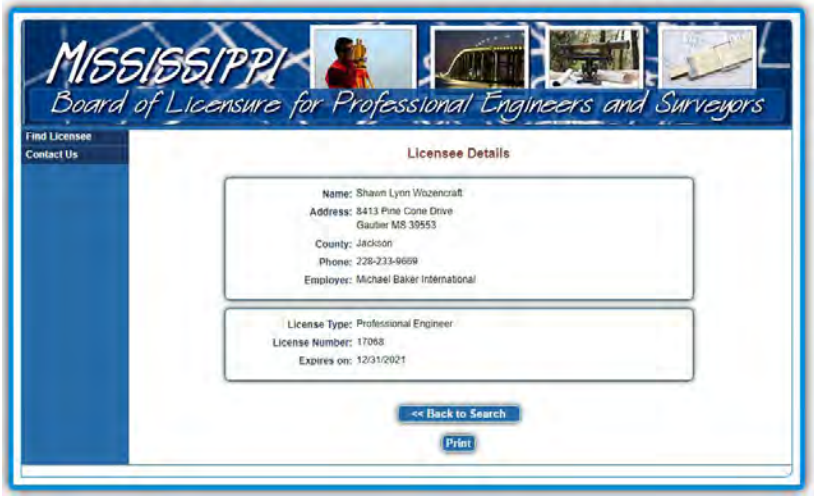
MDOT - Local Public Agency Process Training and Certification

Stephen Clancy

Eddie Templeton



Shawn Wozencraft

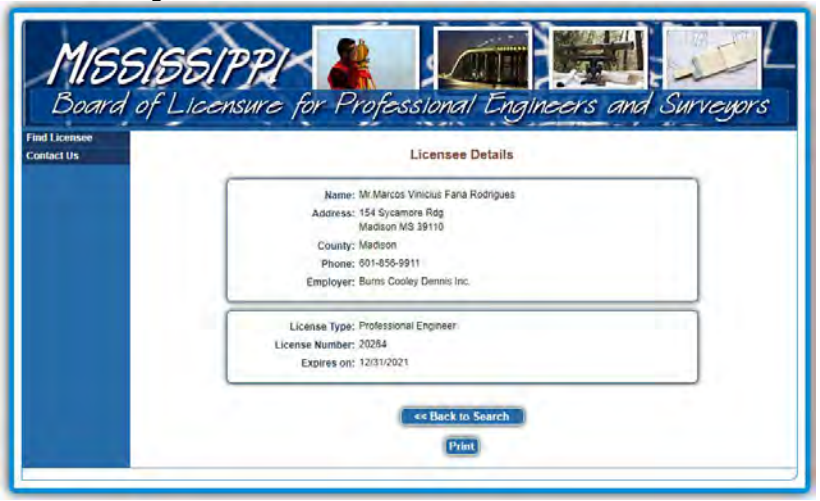


Randy Ahlrich

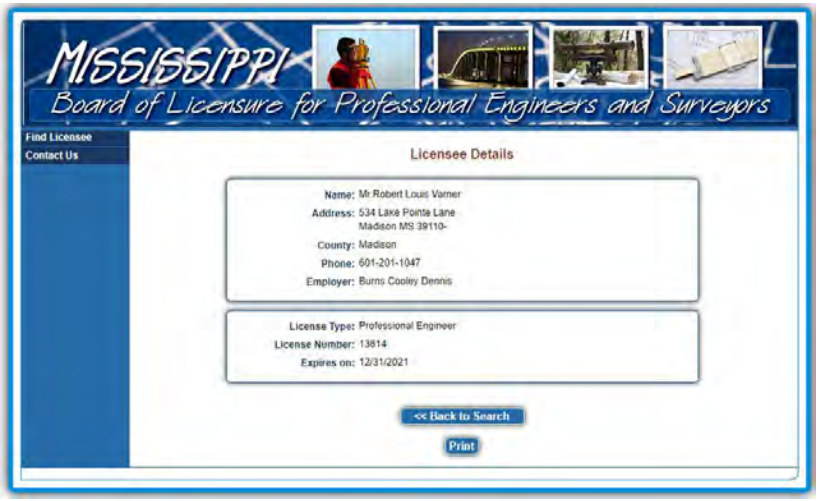
MDOT - Local Public Agency Process Training and Certification

Kevin Williams

Marcos Rodrigues



Robert Varner



Will O'Reilly

MDOT - Local Public Agency Process Training and Certification

THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION

hereby recognizes

Kenneth Collins

Michael Baker International

for completing 7 Professional Development Hours during

The Local Public Agency Process Training & Certification.

APRIL 21, 2021

DATE CERTIFICATE VALID FOR TWO YEARS FROM DATE OF ISSUE

MDOT

LOCAL TECHNICAL ASSISTANCE PROGRAM

SHIRLEY JOHNSON
MS LTAP DIRECTOR

THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION

hereby recognizes

Ronald Stuart

Michael Baker International

for completing 7 Professional Development Hours during

The Local Public Agency Process Training & Certification.

APRIL 21, 2021

DATE CERTIFICATE VALID FOR TWO YEARS FROM DATE OF ISSUE

MDOT

LOCAL TECHNICAL ASSISTANCE PROGRAM

SHIRLEY JOHNSON
MS LTAP DIRECTOR

THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION

hereby recognizes

Richard Chisolm

Michael Baker International, Inc.

for completing 7 Professional Development Hours during

The Local Public Agency Process Training & Certification.

OCTOBER 9, 2019

DATE CERTIFICATE VALID FOR TWO YEARS FROM DATE OF ISSUE

MDOT

LOCAL TECHNICAL ASSISTANCE PROGRAM

SHIRLEY JOHNSON
MS LTAP DIRECTOR

Michael Baker

INTERNATIONAL

We Make a Difference

MICHAEL BAKER INTERNATIONAL
RIDGELAND, MS

June 30, 2021

Highland Commerce Drive

Professional Engineering Services for the City of Ridgeland, Madison County, Mississippi

the city of RIDGELAND

WAGGONER

Submitted By:
Waggoner Engineering, Inc.
143 A LeFleurs Square, Jackson, MS 39211

Contact Person: Hayden Overby, PE
601.355.9526 | hayden.overby@waggonereng.com

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Resumes ..... Appendix B

Registrations/Certifications ..... Appendix C

WAGGONER
143-A LeFleurs Square | Jackson, MS 39211
601 355-9526 OFFICE | 601 352-3945 FAX
WAGGONERENG.COM

June 30, 2021

Christopher W. Bryson, P.E.,City Engineer,
City of Ridgeland, MS
100 West School Street
Ridgeland, MS 39157

RE: Expression of Interest for Professional Engineering Services; Highland Commerce Drive; City of Ridgeland, Madison County, Mississippi

Dear Mr. Bryson:

Waggoner Engineering, Inc. appreciates the opportunity to present its Expression of Interest for environmental and design services in connection with development of construction plans for a critical component of transportation connectivity, congestion relief, and highway user safety in the City of Ridgeland and Central Mississippi. The Waggoner team offers, for your consideration, a proven and experienced resource to execute the project requirements through the complex steps of the Mississippi Department of Transportation (MDOT) Local Public Agency (LPA) process to ensure compliance with federal regulations and requirements, with uncompromised focus on accomplishing the immediate and long term objectives of the City of Ridgeland. As your prime consultant, Waggoner offers the City of Ridgeland its extensive, proven LPA credentials and qualifications, having implemented similar LPA projects throughout the region and the State of Mississippi.

In addition, Waggoner's team is built to fully support Ridgeland's partnership with Tougaloo College to make this project a reality. Our team features a diversity that is reflective of the Ridgeland-Tougaloo communities, with key project roles assigned to AJA Management and Technical Services, as well as Advanced Environmental Consultants; two local DBE firms with specific experience in the project area.

Why Choose Waggoner?

QUALIFIED AND EXPERIENCED PROJECT MANAGER AND TEAM: The professional team we've committed to the project offers you rock-solid qualifications in all aspects of LPA project development: from environmental assessment, and design engineering to surveying, management, right-of-way services and funding support. Hayden Overby, PE, LPA, will serve as Project Manager and your single point of contact for the selection process and throughout the entire length of the project. LPA-certified, Hayden is experienced in roadway and transportation engineering projects and has worked extensively with the MDOT LPA Program, as demonstrated by his resume in the appendices. Additionally, Waggoner's projects are "co-managed" by the Project Manager and Discipline Managers. Discipline Managers focus on delivering quality technical work so that the Project Manager can concentrate on communicating with and involving the client. Each manager is required to go through extensive training and testing on the system to proactively manage staff resources, contracts, schedules, quality, budgets, invoicing, and status reports.

KNOWLEDGE OF PROJECT AND OBJECTIVES: Waggoner has a group of professionals recognized in their respective fields, who individually and collectively possess extensive knowledge and experience with the transportation network of the City of Ridgeland. In addition to the LPA focused transportation qualifications, our team has planned and implemented significant economic development and environmental infastructure projects within the same region of the immediate project. In addition, Waggoner has a 30 year history of economic development and planning in Madison County .

EXPERIENCE WITH SIMILAR PROJECTS: The Waggoner team offers an extensive track record of providing surveying, environmental, design, and construction engineering services to local units of government throughout Mississippi, the Jackson Metro area and, in particular, Madison County. Importantly, this transportation experience involves ongoing LPA projects, exceeding $200 million in total value over the past five years. However, locally-driven projects typically require more than just basic, traditional engineering services to be successful. The Waggoner team offers its extensive, proven track record of project development and implementation strategies to leverage local, state and Federal funding from project initiation to ribbon cutting. Total service is characterized by prioritized, on-time response and delivery, all focused on achieving your success. While each project requires strict adherence with the LPA program requirements, more importantly, each project also requires a unique, strategic approach to support these units of local government in leveraging their limited local resources with State, Federal and potentially private sector funding. This aspect of our business approach truly differentiates Waggoner in its holistic commitment to The City of Ridgeland.

PROXIMITY AND RESPONSIVENESS: The Waggoner team has been based in the Jackson Metro area since 1976. This project will be managed from the Jackson office, 143-A LeFleurs Square, just minutes from the project site, assuring timely and responsive action focused on your needs and requirements.

Waggoner appreciates the opportunity to be considered for this important and much needed infrastructure for the City of Ridgeland and Madison County. We are committed to partnering with City of Ridgeland on completing a successful project that will provide long term benefits to the City for many years to come.

Sincerely,
WAGGONER ENGINEERING

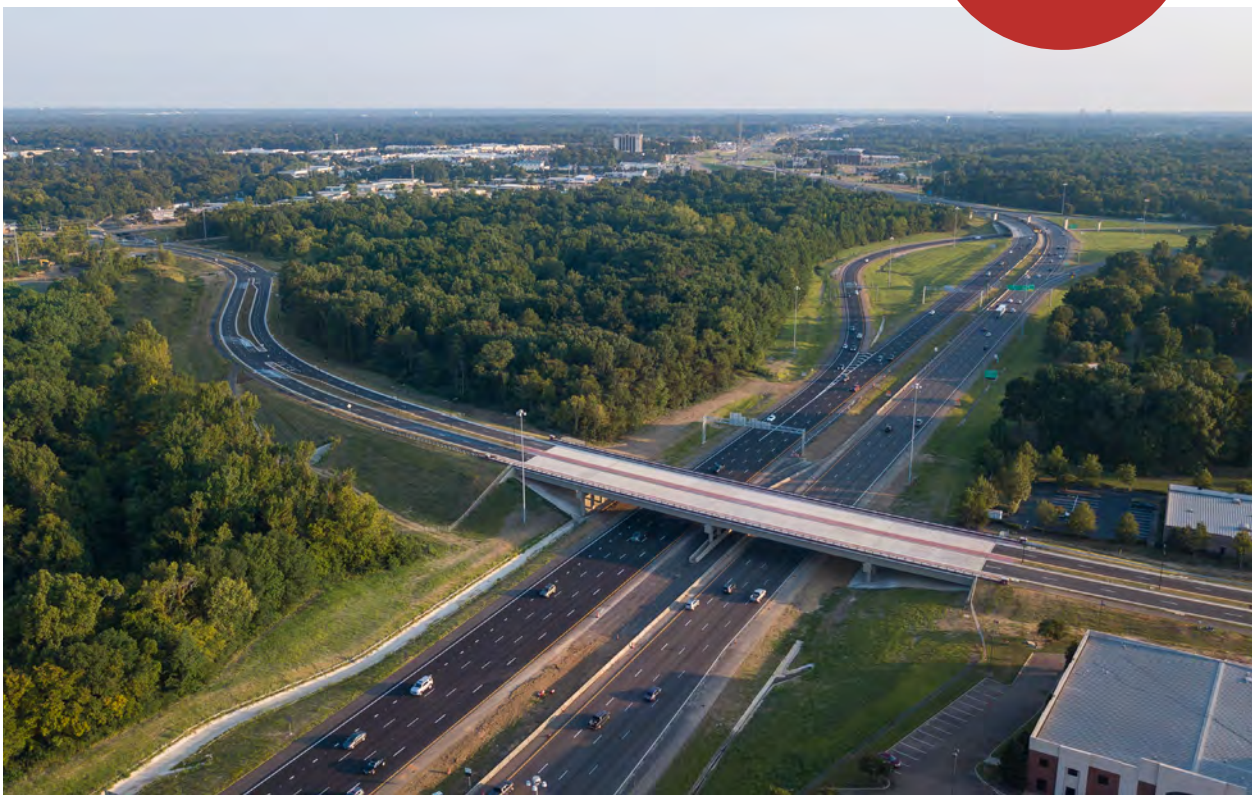
Hunter T. Arnold, PE
Senior Vice President

Staff Experience, Performance & Qualifications

Waggoner Engineering, Inc. (Waggoner) is one of Mississippi's largest engineering firms, was born in Jackson and remains headquartered in the City today – forty years later. Most of our engineering staff works here from our Corporate Headquarters, but we also have fully staffed offices in Hernando, Vicksburg, Oxford and Gulfport, MS; New Orleans, LA; Memphis, TN and Washington DC. Our team of professionals consists of civil, transportation, environmental, water, wastewater, and construction engineers, registered land surveyors, program managers, planners, economic development and strategic funding professionals.

We are an innovative civil engineering firm and have served clients since 1976. Today, Waggoner professionals in Mississippi and across the Mid-South are making positive changes for our clients linking sound scientific engineering principals with a comprehensive approach to transportation planning and design. For the City of Ridgeland Waggoner offers a competent and experienced team who will coordinate across all systems - streets, environmental, conservation, survey, utilities, traffic, sustainability issues, and construction activities - to maximize value and minimize disruption for the citizens of Mississippi.

MDOT and Waggoner's robust history includes 41 projects completed and an additional 24 LPA and MDOT projects that are currently active. Ridgeland and Waggoner's robust history includes 91 projects completed and 4 more active to complete. The professional team assigned to this project is exceptionally qualified and provides proven experience in performing engineering and surveying services for various transportation projects. Many are well known to MDOT professionals and Ridgeland Public Works staff.



Burns Cooley Dennis, Inc. (BCD) is a geotechnical and materials consulting firm that was formed in 1985. BCD provides complete geotechnical consulting services including foundation engineering, soil borings, geotechnical laboratory testing, construction materials engineering, construction testing and inspection, pavement design and pavement research. BCD is headquartered in Ridgeland, Mississippi with branch offices in Hattiesburg, Byhalia, West Point and Hernando. BCD has a staff of over 60 personnel to conduct geotechnical and materials consulting services. Within the BCD staff, there are 11 geotechnical/materials engineers and 28 materials laboratory/field technicians that have experience and knowledge with commercial and industrial buildings, airports, highway, bridge and transportation projects.

The staff of Burns Cooley Dennis, Inc. has considerable specialized experience with MDOT, Tennessee Department of Transportation (TDOT), Arkansas State Highway and Transportation Department (AHTD) and Louisiana Department of Transportation and Development (LaDOTD) in providing highway and bridge geotechnical and pavement design services and in related work including geotechnical investigations, pavement investigations, and construction engineering, inspection and materials testing services. BCD has held a geotechnical and materials testing MDOT master contract every year, since MDOT began issuing.

AJA Management & Technical Services, Inc. (AJA) a Minority Owned, HUB Zone Firm, was established in 1998, to provide public and private sector consulting services. AJA is duly registered and entitled to practice in the State of Mississippi by Certificate of Responsibility Number 20816. AJA is authorized to provide Engineering Services in the State of Mississippi by Certificate of Authorization No. E-1872. AJA is an SBA Certified Small Disadvantaged Business.

AJA will provide support in Right-Of-Way Acquisition Services.

Advanced Environmental Consultants, (AEC) Inc., founded in 1996, is a woman-owned national environmental firm headquartered in Jackson, Mississippi. The firm was formed to perform superior environmental consulting services. AEC is an environmental consulting, project management, and remediation firm that serves clients nationally. AEC has the depth of knowledge and breadth of scope to perform a wide range of services. These solutions blend both economic and technological elements to provide an effective approach to all of our projects, translating into financial and time savings for our clients. AEC has continuously provided client satisfaction through accurate planning services, project management, construction management, and comprehensive environmental services.

AEC will provide environmental services for this contract.

Waggoner's team is built to fully support Ridgeland's partnership with Tougaloo College to make this project a reality. Our team features a diversity that is reflective of the Ridgeland-Tougaloo communities, with key project roles assigned to AJA Management and Technical Services, as well as Advanced Environmental Consultants; two local DBE firms with specific experience in the project area.

Key Personnel

Waggoner is confident that our team can meet all of your needs. Key members of the team are listed below, and their roles are illustrated on the Organizational Chart on page 4. Resumes of all team members and proof of licensing are located in the Appendices. Waggoner's projects are "co-managed" by the Project Manager and Discipline Managers. Discipline Managers focus on delivering quality technical work so that the Project Manager can concentrate on communicating with and involving the client. Each manager is required to go through extensive training and testing on the system to proactively manage staff resources, contracts, schedules, quality, budgets, invoicing, and financials.

Hayden Overby, PE will lead the team as Project Manager for the duration of this project. Hayden joined Waggoner Engineering in 2017 as a Project Engineer. He brings over 10 years of civil engineering project experience including planning, surveying, designing, constructing, inspecting, and managing. Since joining Waggoner, he has aided in completion of over $40 million worth of infrastructure initiatives including transportation, aviation, drainage, water, and wastewater.

Thomas Grass, PE will lead the team in all technical aspects for the duration of this project. Thomas joined Waggoner Engineering in 2018, bringing over a decade of experience in project management, 2D & 3D roadway design, traffic signal design, bridge design, commercial & passenger railroad design, traffic impact studies, roadway safety audits and traffic planning & modeling. These projects ranged from small projects with short deadlines to long-running multi-disciplinary high priced projects.

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WAGGONER

QA/QC
Bill McDonald, PhD, PE
* Steve McMahen, PE
Collins Simpson, PE

Principal-in-Charge
Hunter Arnold, PE

Senior Project Manager
* Hayden Overby, PE

Roadway, Bridge, and Drainage Design
Thomas Grass, PE
Mark Barry, EI
Billy James
Glenn Robinson, SCET

Planning - Capacity Studies
Steve Hohulin, AICP
Tracy Huffman, PE, PTP
Kevin Day, CFM

Bridge/Structural Design
Franklin Hines, PE
Carol Jackson, PE, PLS
Evan Gelston

Roadway and Bridge Hydraulics
Charles Curcio, Jr., PE
Taylor Carmichael, EI
Evan Gelston

Surveying, Maps and Deeds, LiDAR/Aerial Mapping
Jim Millis, PLS
Tracy Huffman, PE, PLS
Carol Jackson, PE, PLS
Robert Hooks

Utilities
Brian Granger, PE, BCEE
Sheila Williams, PE
Myers Carpenter, EI

Bidding & Contracting
David Calvert
* Jamie McInnis
* Rhonda Garner

Geotechnical
Randy Alrich, PhD, PE

Environmental
DeJonnette Grantham King, Ph.D.

Right-of-Way Coordination/Appraisal/Acquisition
Andrew Jenkins
Angela Jenkins
Aaron Jenkins
Jerriot Smash

KEY:
Waggoner Engineering, Inc. - 143A LeFleurs Square, Jackson, MS 39211
Burns Cooley Dennis, Inc. - 551 Sunnybrook Rd, Ridgeland, MS 39157
Advanced Environmental Consultants - 775 North President St, Jackson, MS 39202
AJA Management & Technical Services, Inc. - 912 North West St., Jackson, MS 39202
* HOLDS LPA CERTIFICATION

Past Experience

East Metro Corridor, Segment 2

Client: City of Flowood, MS

Waggoner, as a member of the EAI/WEI, LLC team, provided design services, construction engineering, environmental review and route location studies for Segment 2 of a six mile transportation and development corridor connecting Highway 25 and I-20 east of Jackson-Evers International Airport.

Services included preparation of the Environmental Assessment document in accordance with the NEPA process including conceptual design alternatives, environmental studies, and public participation. Services also included Phase A Final Right of Way Plans and Phase B Final Construction Plans. Waggoner also performed Phase C construction engineering for Segment 2.

Segment 2 construction costs were $6,277,000. Project construction was completed in December 2018 and finished under budgeted contract. The total East Metro Corridor project will be approximately $45 million and is scheduled to be constructed in phases. Segments 1 and 2 from South Connector at Old Brandon Road to MS Highway 25 and Segments 3 and 4 from the South Connector to Interstate 20.

Role: Prime, member of EAI/WEI, LLC

Contract Value: $505,546

Design Initiated: 8/2014

Scheduled Completion: 12/2018

Actual Completion: 12/2018

Client Contact: East Metro Corridor Commission, C/o Hon. Gary Rhoads, Mayor, City of Flowood, (601) 939-4243, grhoads@thecityofflowood.com

Riverside Drive Reconstruction

Client: City of Jackson, MS

Riverside Drive is a major roadway in the city of Jackson, serving residents of the Belhaven neighborhood, students and faculty of Belhaven University, Millsaps College, Murrah High School, and Power APAC Elementary School, employees of the Salvation Army, and service members of the National Guard. Many Jackson residents use this east-west four-lane divided parkway to reach such destinations as the University of Mississippi Medical Center, the Mississippi Museum of Natural Science, the Mississippi Children's Museum, and First Presbyterian Church.

Currently, Riverside Drive rests in a state of disrepair. As such, the City of Jackson, along with input from the many stakeholders with connections to Riverside Drive, began looking into ways to revitalize the City's roadway and infrastructure.

Waggoner Engineering was selected to assist the City by providing conceptual planning services, public outreach and input compilation, design phase services, and bidding and construction for the project.

Waggoner engaged the City of Jackson and its stakeholders to identify project concerns and gain an understanding of expectations. As a result, Waggoner provided multiple schematic designs to arrive at the final solution to accomplish project objectives.

Ultimately, Waggoner was able to provide a design of Riverside Drive that met the approval of the City and Stakeholders alike. Improvements to Riverside Drive will include a road diet, pedestrian accommodations, lighting, and infrastructure improvements to both water and sanitary sewer.

Role: Prime

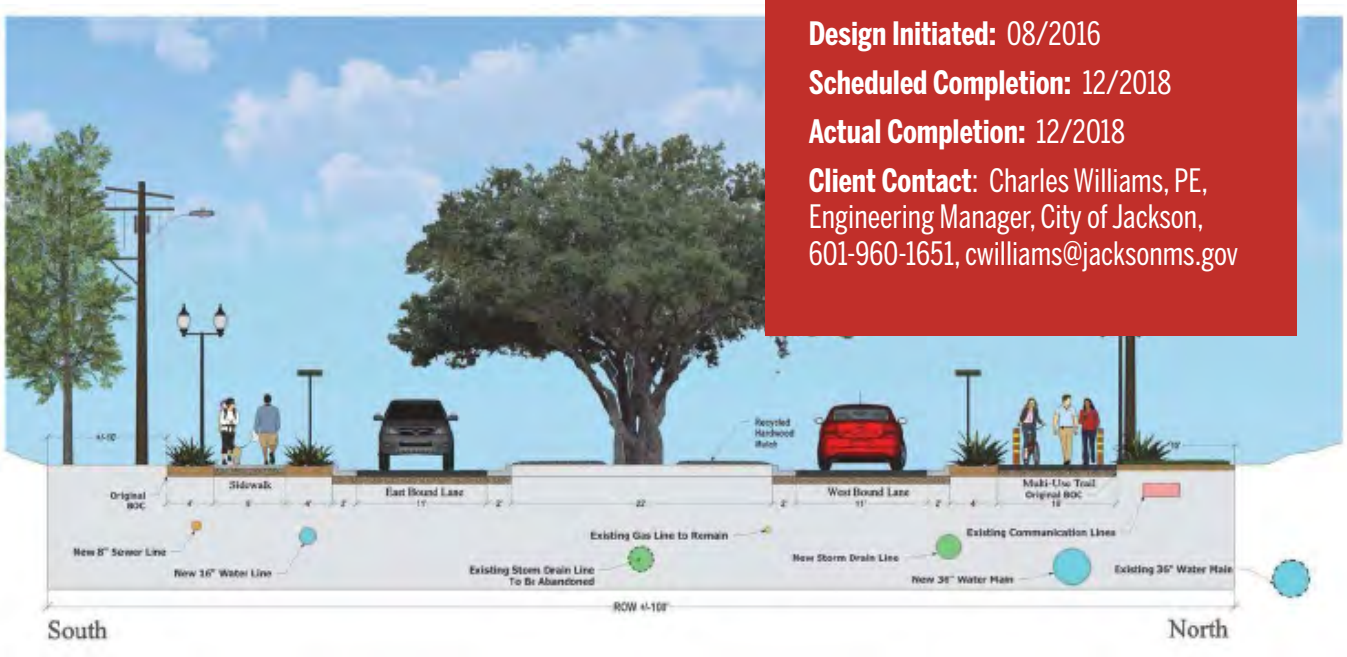
Contract Value: $965,000

Design Initiated: 08/2016

Scheduled Completion: 12/2018

Actual Completion: 12/2018

Client Contact: Charles Williams, PE, Engineering Manager, City of Jackson, 601-960-1651, cwilliams@jacksonms.gov



Lake Harbour Drive Extension

Client: City of Ridgeland, MS

The project serves as the critical east-west corridor measuring 0.852 miles, connecting the thriving Highland Colony Parkway to Lake Harbour Drive that extends across the Ross Barnett Reservoir into Rankin County. Completed in May 2020, Lake Harbour Drive Extension has had a positive impact on the entire Jackson metro area by reducing traffic in congested areas and creating a much-needed additional east-west corridor across two major national corridors, Interstate-55 and CN Railway.

Role: Prime

Contract Value: $2,883,977

Design Initiated: 09/2012

Scheduled Completion: 7/20/2020

Actual Completion: 9/3/2020

Client Contact: Gene McGee, Mayor, City of Ridgeland, 601.856.7113, Mayor.McGee@Ridgelandms.org

In addition to the critical support in the institutional realm to make the Project possible, Waggoner provided the full range of traditional consultant services to solve the Project's many technical challenges: route location and environmental assessment services, design phase services, right-of-way services and construction phase services for the City of Ridgeland for completion of this key transportation link. Design phase services included topographic surveying and mapping, road, bridge, drainage, rail and roadway signalization, landscaping, lighting, and pedestrian elements, as well as property surveys and production of right of way acquisition maps.

The extension crossed Purple Creek at the Canadian National railroad box culvert and required the existing railroad box bridge to be replaced. Waggoner was tasked with evaluating the hydraulics and designing the new box bridge so that interruption of the railway serving the Nissan automotive assembly plant would be kept to a minimum. The 326 LF double 14ft x 12ft box culvert consisted of a 104 LF precast section that had to be constructed within 24 hours to ensure railroad traffic was not affected. Sheet piles, 52 precast sections, and a grillage system allowed for the successful completion within the 24-hour window, incredibly restoring railway to operation within 23 hours of the shutdown. Design and Construction Phase services required significant coordination with Canadian National Railroad, Contractors, and the City. Contractors for the City of Ridgeland that were able to deliver this remarkable feat were Hemphill Construction Co of Florence, MS, as General Contractor, and Eutaw Construction Company of Madison, MS.

The Project provides direct safety value to the public, while connecting two major points withing the City allowing access to major businesses that have moved into the area. Specifically, the Project provides a shorter, safer, lower speed, and more accessible route to locations that were served by narrow, two-lane roads that induced speeding and had no provision for pedestrian traffic.

Hinds Parkway, Segment Two

Hinds County, MS

Hinds Parkway Segment Two, Davis Road to Parks Road is the most recently completed segment of the Hinds Parkway, formerly named the Byram-Clinton Regional Economic Development Corridor. Although the project constitutes a fully functional, stand-alone roadway, it also will become part of what ultimately will be the overall Hinds Parkway, connecting the City of Byram at I-55 in the southern portion of the Jackson Metropolitan Area, to the Norrell Road Interchange at I-20 in Clinton. The Corridor has long been Hinds County's top priority transportation initiative.

Role: Lead Member of WEI/IMS, LLC

Contract Value: $19,425,325

Design Initiated: 09/2019

Scheduled Completion: 8/2/2019

Actual Completion: 7/20/19

Client Contact: Credell Calhoun, President, Hinds County Board of Supervisors, 601-968-6768, ccalhoun@co.hinds.ms.us

The initial segment of the roadway, as constructed at Byram, provides for four (4) through traffic lanes with center turn lane. Future road development will include a median divided four-lane roadway with access limitations to insure public safety and enhanced levels of service.

As the lead member of WEI/IMS, LLC., Waggoner Engineering was contracted by Hinds County to perform the design/topographic survey of the proposed route including the establishment of horizontal and vertical control. Waggoner also performed the property surveying required to delineate the existing property lines and right-of-way lines, in conjunction with the location of the proposed right-of-way lines. Waggoner prepared over 60 individual survey plats and legal descriptions as well as an overall parcel index map (appraisal map), to be utilized in the right-of-way acquisition phase. All surveying efforts were performed in accordance to the procedures and requirements as established by the Federal Highway Administration, the Mississippi Department of Transportation and the Mississippi State Board of Professional Engineers and Land Surveyors.

Hinds County programmed the overall corridor as five separable projects, each having stand-alone functionality but which, when completed, would collectively serve as a continuous parkway. Segment Five, from I-55 to Davis Road was completed in 2013 and Segment Two, Davis Road to Parks Road is the most recent to be constructed.

The Byram-Clinton Corridor is the cornerstone transportation enhancement recommended by the recently adopted Hinds County Comprehensive Plan.

Star Landing Road

Client: DeSoto County Board of Supervisors

Waggoner, as a member of EAI/WEI LLC performed preliminary engineering services for Star Landing Road Project in Desoto County which included field surveying and design services for Phase A Final Right of Way Plans, Phase B Final Construction, and Roadway Hydraulics.

This project is located in an urban area of Desoto County that includes the reconstruction of a 2-lane rural roadway to a new 4-lane divided urban roadway with a raised median (approximately 6 miles) connecting Tulane Road to Getwell Road.

As part of this project, Waggoner was responsible for the storm drainage design of the curb and gutter sections in addition to the design of four roadway hydraulic crossings within regulated floodway areas.

Role: Prime, as a member of EAI/WEI LLC

Contract Value: $1,384,130

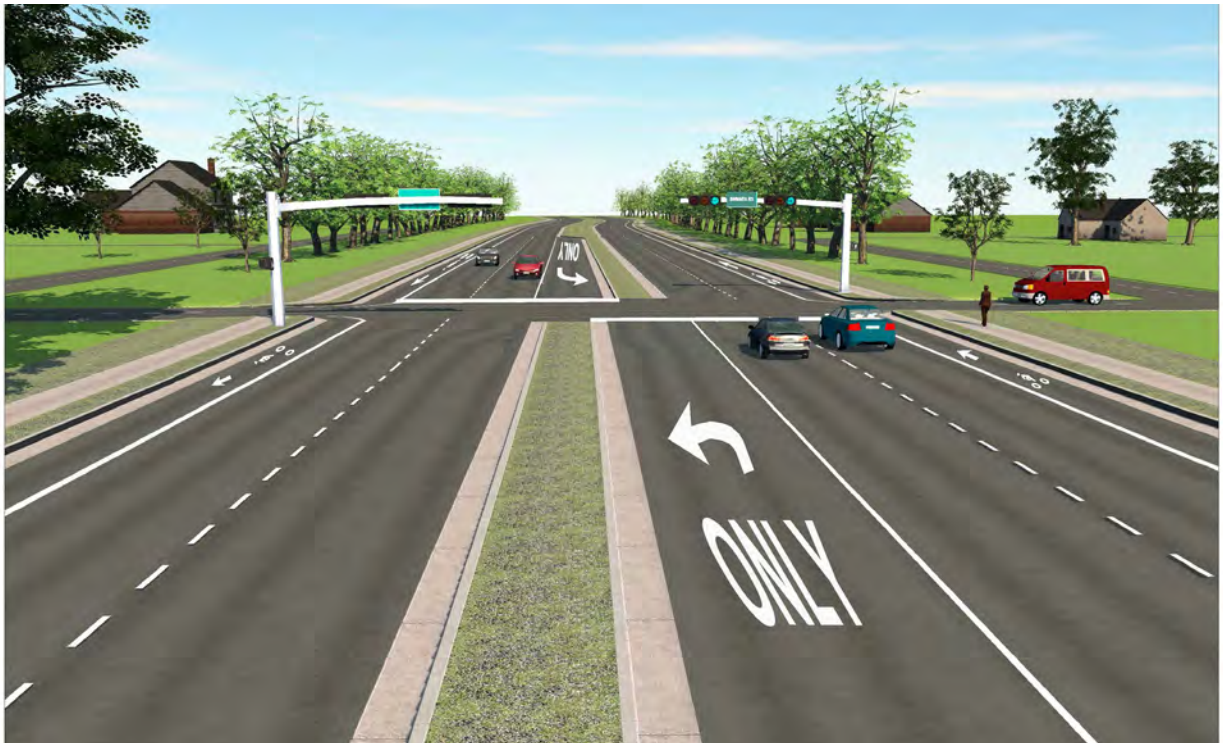
Design Initiated: 04/2016

Scheduled Phase A Completion: 7/2019

Actual Phase A Completion: 7/2019

Scheduled Phase B Completion: 12/2020

Client Contact: Scott Young, Desoto County Road Management Engineer, 662-469-8025, syoung@desotocountyms.gov



Reunion Parkway Segment 2, Phase A

Client: Madison County Board of Supervisors

Reunion Parkway, once completed, will serve as a major arterial in the heart of Madison County. Segment 2 is the final and most complex section of this three-phase project.

Book-ended by segments 1 and 3, segment 2 will provide the bridging component necessary to traverse Interstate 55 and connect the bookends thus providing improved east and west access through Madison County and ultimately connecting MS 463 to US 51. In addition to improving east-west access, the Parkway will create economic growth opportunities by providing better access to undeveloped land.

MSEG was selected to assist the Madison County Board of Supervisors (MCBOS) with providing Phase A Plans for Reunion Parkway Segment 2. Phase A plans for the project included preliminary design of the 1.2-mile boulevard roadway from Bozeman Road to Parkway East, including a bridge over Interstate 55 (I-55). The project includes four (4) travel lanes and a multiuse path. Waggoner completed Phase A Roadway Design including preliminary design of the future diamond interchange with single loop ramp for the purposes of establishing right of way plans.

Role: Subconsultant to MSEG

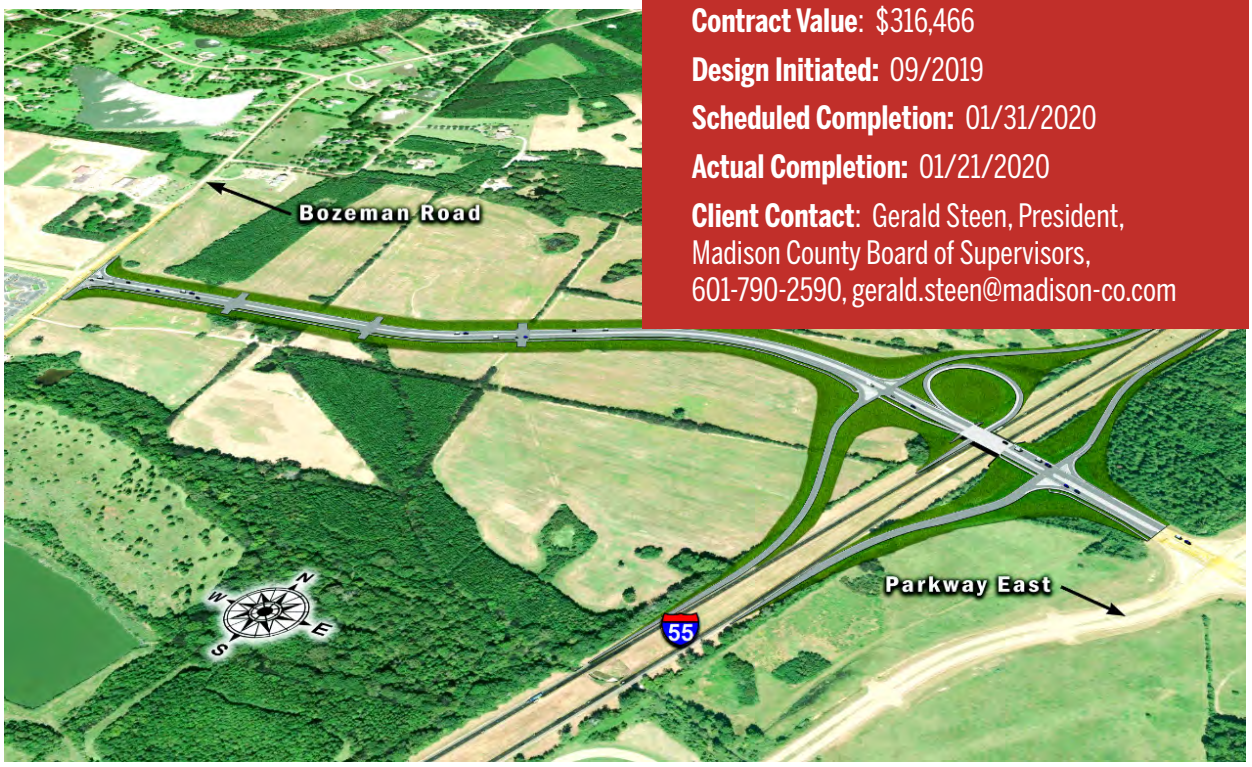
Contract Value: $316,466

Design Initiated: 09/2019

Scheduled Completion: 01/31/2020

Actual Completion: 01/21/2020

Client Contact: Gerald Steen, President, Madison County Board of Supervisors, 601-790-2590, gerald.steen@madison-co.com



North State Street Mill & Overlay

Client: City of Jackson, MS

Waggoner was engaged by the City of Jackson to provide professional services related to the assessment, design, bidding, and contracting of proposed improvements along the segment of North State Street located between Fortification Street and Woodrow Wilson Avenue. This segment of North State Street is a 5-lane urban arterial roadway with average daily vehicular volumes of 18,000 vehicles. The project is a Local Public Agency (LPA) project with Mississippi Department of Transportation (MDOT) oversight administered through MDOT's LPA Division.

Waggoner's role as the prime consultant was to visually assess the existing roadway pavement, surface drainage, sidewalks, and ADA ramp conditions and provide construction documents to address identified deficiencies. Additional services included assessing the vehicle presence detection at traffic signals and providing plans and specifications for upgrading the existing in ground presence loops to pole mounted radar detection.

Role: Prime

Contract Value: $283,517

Design Initiated: 06/2017

Scheduled Completion: 10/2018

Actual Completion: 12/2018 (Delays in project schedule are attributed to two primary factors: Changes to scope of work; addition of upgrades to traffic signal; addition of storm sewer repairs

Awaiting City of Jackson's selection and approval of CEI consultant in order to complete PS&E submittal

Client Contact: Charles Williams, Engineering Manager, City of Jackson, 601-960-1651, cwilliams@jacksonms.gov

Commerce Street Extension

Client: DeSoto County Board of Supervisors

Commerce Street Extension is a proposed 0.5-mile grade, drain, and pave project located just off Interstate 55 (I-55) at exit 280 in Hernando, Mississippi. Commerce Street is the primary east and west route from I-55 into the City of Hernando.

In its current state, Commerce Street dead-ends approximately 0.7 miles east of I-55. The DeSoto County Board of Supervisors (DCBOS) intends to extend Commerce Street by 0.5 miles to the east where it will intersect with the north/south running Jaybird Road. Long-term plans call for Commerce Street to continue further eastward where it would intersect with Getwell Road thus providing relief to the current traffic congestion within the project area.

To accomplish their goals, the DeSoto County Board of Supervisors selected Waggoner Engineering to provide the professional services necessary to determine the route location, conduct the environmental assessment, develop phase A and B plans, and provide bidding and contracting services.

Role: Prime

Contract Value: $483,923

Design Initiated: 08/2017

Scheduled Completion: 05/01/2019

Actual Completion: Est. 06/01/2020 (Lapse in completion schedule is due to completion of environmental document taking an additional 12 months beyond scheduled completion date.)

Client Contact: Scott Young, Desoto County Road Management Engineer, 662-469-8025, syoung@desotocountyms.gov

Waggoner has completed phase A plans which includes right of way for the project's ultimate cross section, a five-lane curb and gutter roadway with multiuse path. Phase B plans are currently being completed to provide construction documents to complete earthwork and drainage structures to accommodate the future 5-lane section and while providing for a 3-lane pavement section.

References

Waggoner is proud of the relationships that we build as we work through projects together with the client. We invite you to contact any of our references listed below.

Mayor Butch Lee
City of Brandon
601-825-5021

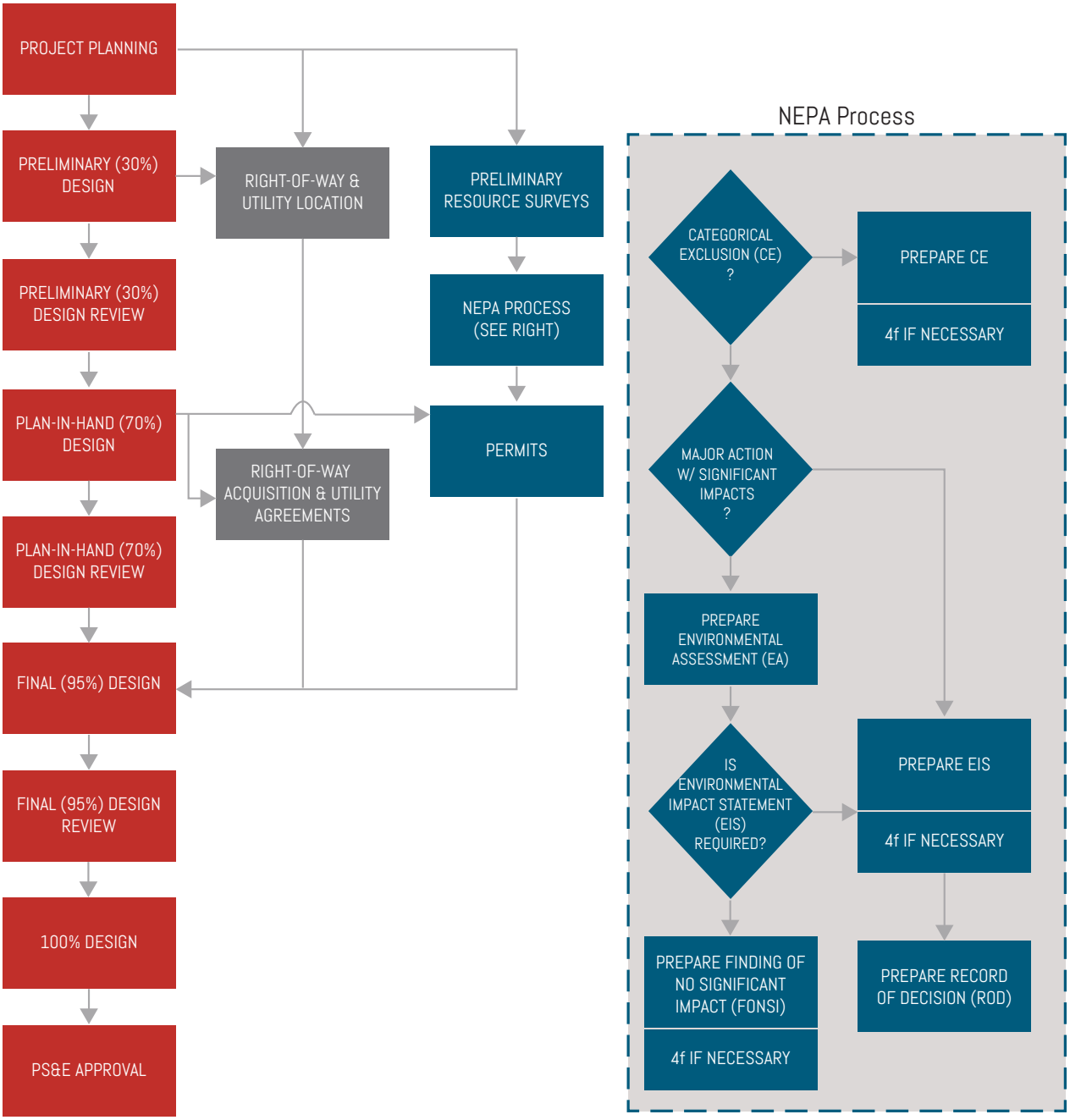
Supervisor Gerald Steen
Madison Bounty Board of Supervisors
601-790-2590

Scott Young
Road Management, Civil Engineer
DeSoto County, MS
Phone: 662-469-8736

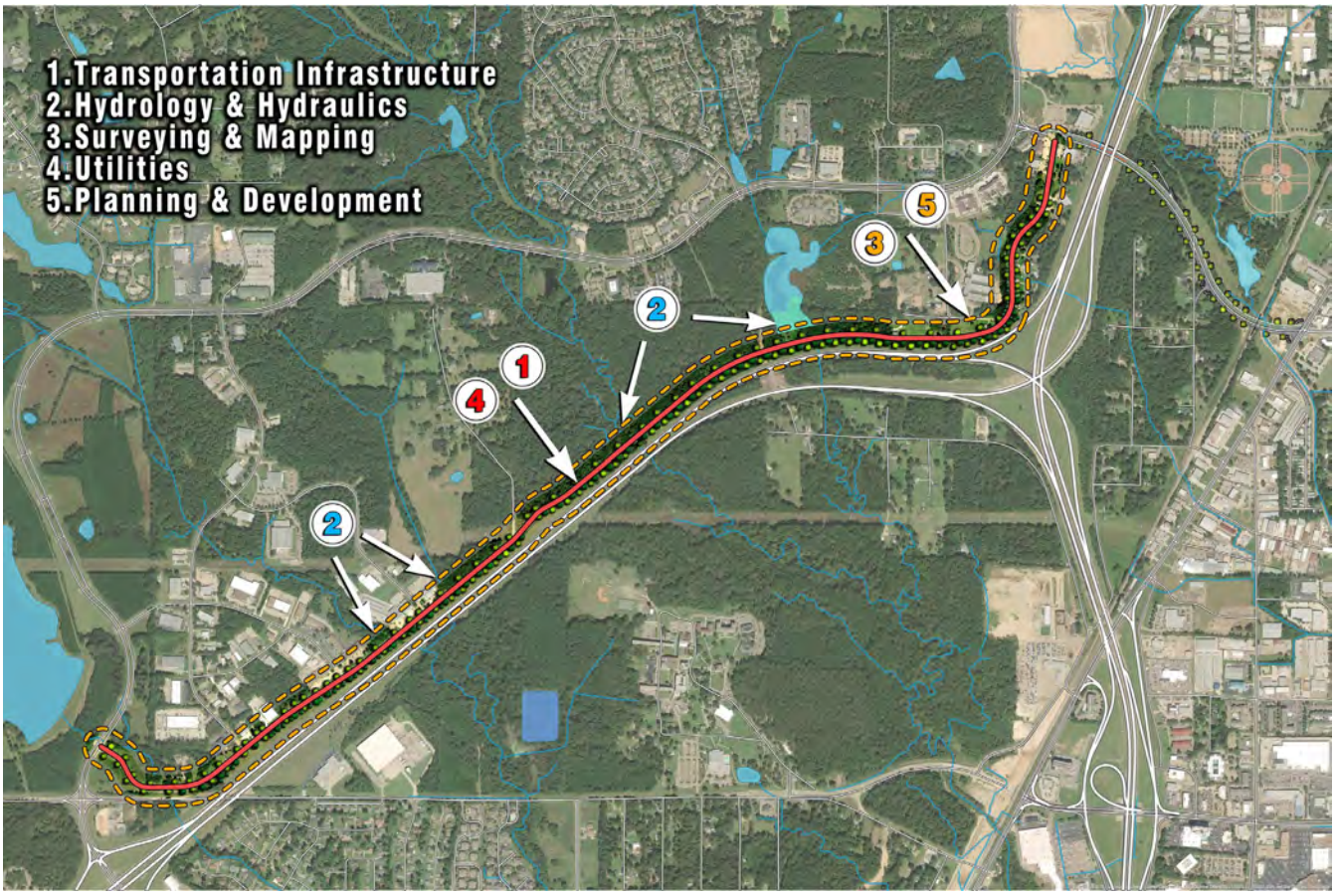
Project Approach

Our approach will be centered around Federal Highway Administration and Mississippi Department of Transportation project guidelines to ensure the project is well positioned going forward. Waggoner's project management structure will allow resources to be efficiently utilized streamlining the process and maximizing the budget's longevity. Additionally, by employing the most up to date technology including MicroStation 3D Modeling Software, a new Lidar Drone, and other applications will allow challenges to be resolved in the early stages of design resulting in a reduction in rework and minimizing construction change order sources in the future.

FHWA Process



Although we have over 45 years of experience as an engineering firm, we live by the standard of continuous improvement. Waggoner's senior leadership believes we never arrive at perfection, but rather it is something we strive for daily. Waggoner's projects are "co-managed" by the Project Manager and Discipline Managers. Discipline Managers focus on delivering quality technical work so that the Project Manager can concentrate on communicating with and involving the client. Each manager is required to go through extensive training and testing on the system to proactively manage staff resources, contracts, schedules, quality, budgets, invoicing, and financials. As one of the state's leading engineering firms, we work alongside our clients every step of the way to improve the quality of life for all citizens in their community. Waggoner has the experience, expertise and resources to ensure your project is on time and on budget.



Waggoner's project management system will allow the project manager to focus on project management, coordination and attendance of related conferences and meetings, and serving as a liaison between the city and state and federal funding agencies. Along with Waggoner's project management system, it is staffed with talented and experienced technical staff armed with the most modern tools. **The map above highlights the potential project route with the areas of technical resources highlighted. Waggoneer's proposed resources are outlined below:**

1. **Transportation Infrastructure** - Waggoner applies innovative solutions to the transportation challenges our communities face. Our transportation group has designed numerous transportation corridor throughout the state like the Highland Commerce Drive. This well experienced team utilizes the latest versions of MicroStation with 3D capabilities to better visualize the project it in its finished state. By analyzing the project in three dimesons it allows for obstacles to be better identified. This group will utilize the geotechnical investigation from

Burns Cooley Dennis, Inc to compete the design. This group will serve as the primary technical team and will be tasked with the roadway engineering design. Once the project is designed the transportation group will work in conjunction with our construction group to prepare the construction documents, preform a constructability review, and conduct the bid phase administration.

2. **Hydrology & Hydraulics** - Waggoner's talented and experienced hydrologic and hydraulic team conduct analyses across the state and region to ensure that public and private infrastructure investments are designed in ways that integrate them into the natural environment and manage the water resources that exist so abundantly. Along with hydraulic for numerous local roads projects including serving on the MDOT master contract since 2012.

3. **Surveying & Mapping** – Waggoner uses the latest technology, while adapting the application to the problem at hand to get the best solution for our clients' needs. Currently Waggoner uses several tools including a Microdrone md4-1000 Drone and a mdLiDAR1000 consistently provides an accuracy of 6 cm (0.2 ft) when flown at 40 m (130 ft) at a speed of 3 m/s (6.7 mph), which allows us to analysis a larger footprint in less time. Utilizing the latest technology our team will deliver the field surveying and inspections efficiently and accurately. The surveying and mapping group will also work along with the ROW champion AJA Technical Services to prepare Right-of way documents and preform acquisition services.

4. **Utilities** – Often times utilities allow transportation corridors to thrive. Waggoner's water and wastewater group have extensive experience with coordinating these critical utilities in conjunction with our transportation group. Additionally, Waggoner has the largest and most experienced geospatial & asset management groups in the state. By utilizing our geospatial & asset management resources we can better coordinate any utility relocations required for the project.

5. **Planning & Development** – Transportation infrastructure is the lifeline of any community, affecting every part of our daily lives individually and as a society. Proper planning ensures the corridor orderly and impactful promotes growth and economic development. The group will also be tasked with working allowing with Advanced Environmental to compete the required environmental studies. The group will work with our Stake Holder Champion AJA Technical Services to ensure that all stake holders are well informed and input is heard. Our strategic services group can help position the project for future funding opportunities. Utilizing the latest software for Concept development and visualization the project will be well represented.

Waggoner understands the critical condition that the project is in related to compliance with the LPA schedule for implementation. We understand the LPA system and have a vast amount of experience that will allow us to assist the City of Ridgeland in achieving the implementation schedule, while delivering a project that will involve and satisfy the expectations of stakeholders. We also understand that the project is budget constrained and we have vast experience in programming and implementing projects just like Highland Commerce Drive. Waggoner will work with the City to maximize LPA, local, state, and federal funding resources to implement your project within the resources available, albeit in functional segments, if necessary. All of our key staff are LPA certified.

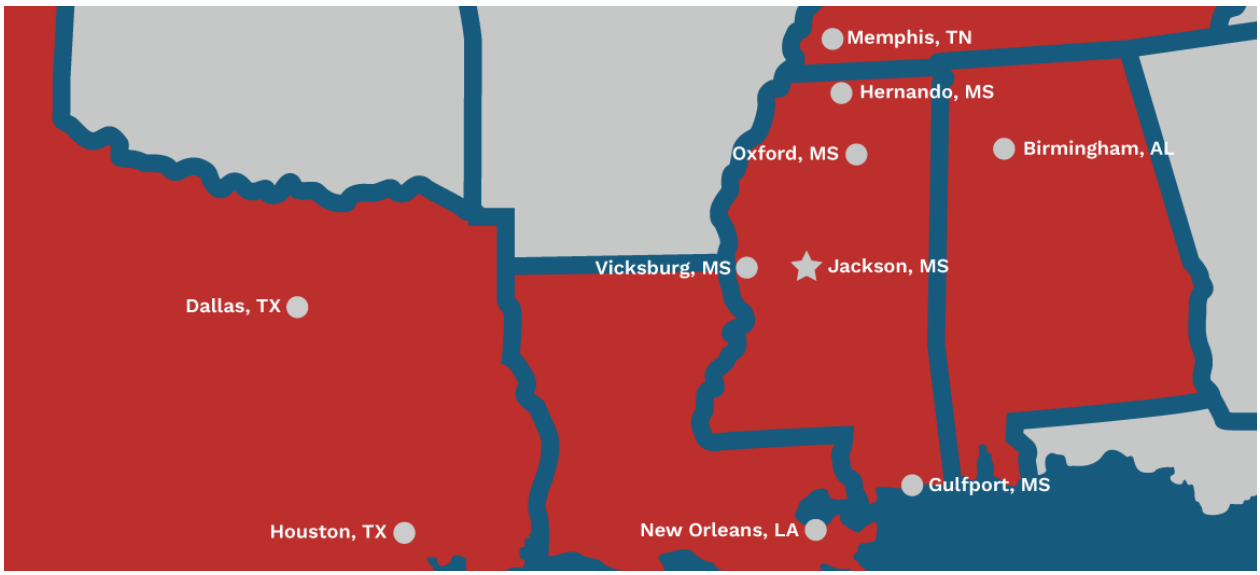
Our project manager/discipline manger approach allows our project manager to focus on efficiently processing pay request and federal grant reimbursement request. Also, we have a detailed quality assurance and control program with dedicated staff to ensure that all projects are complaint in meeting key milestones. Our strategic planning group will help position the project for future funding opportunities.

Location/Proximity of the Consultant

Waggoner's headquarters are just minutes from the City of Ridgeland's offices in Jackson, enabling us to respond to your needs on a moment's notice. Your project manager, Hayden Overby, and your project team leads are based in our Jackson office. Additional offices staffed by seasoned professional engineers and transportation experts in Hernando, Vicksburg and Gulfport provide added flexibility to meet your needs.

Office locations for Waggoner are listed below and office locations for our subconsultants are listed at the bottom of the page:

Jackson Office	Gulfport Office	Hernando Office
143-A LeFleurs Square Jackson, MS 39211	2510 14th St. STE 1200 Gulfport, MS 39501	2475 Memphis St. Hernando, MS 38632



Subconsultants:		
AJA Management & Technical Services, Inc. 912 North West St., Jackson, MS 39202	Burns Cooley Dennis, Inc. 551 Sunnybrook Rd, Ridgeland, MS 39157	Advanced Environmental Consultants 775 North President St, Jackson, MS 39202

SF-330

PART II

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBERS (if any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2A. FIRM (OR BRANCH OFFICE) NAME **Waggoner Engineering, Inc.** **Corporate Office**		**3. YEAR ESTABLISHED** 1976	**4. DUNS NUMBER:** 09-491-6681
2b. STREET 143-A LeFleurs Square		**5. OWNERSHIP**	
2c. CITY Jackson	**2d. STATE** MS	**2e. ZIP** 39211	a. TYPE Corporation
6a. POINT OF CONTACT NAME AND TITLE Emad Al-Turk, PE, President			b. SMALL BUSINESS STATUS Yes
6b. TELEPHONE NUMBER 601-355-9526	**6C. EMAIL ADDRESS** Emad.Al-Turk@waggonereng.com		**7. NAME OF FIRM** (If block 2a is a branch office) Waggoner Engineering, Inc.
8a. FORMER FIRM NAMES(S) *(If any)*		**8b. YR. ESTABLISHED**	**8C.**

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	C. No of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (See below)			
	TOTAL	**FIRM =96**	**BRANCH OFFICES = 45**						
02	Administrative	15	8	A05	Airports: Lighting	1	P07	Plumbing & Piping Design	1
06	Architect	1		A06	Airport Terminals Hangars	1	R03	Railroad; Rapid Transit	1
08	CADD & Survey Technician/Designer	7		A12	Automation Controls Instrument	1	R04	Recreation Facility	1
12	Civil Engineer	11	4	B02	Bridges	2	R11	Rivers; Canals; Waterways; Flood Control	3
15	Construction Inspector	16	24	C08	Codes: Standards; Ordinances		S04	Sewage	5
16	Construction Manager	1		C11	Community Facilities	1	S09	Structural Design	2
18	Cost Engineer/Estimator	1		C14	Conservation & Resource Mgmt.	2	S10	Surveying; Planning; Mapping; Flood Planning Study	4
20	Economist	1		C15	Construction Management	4	S11	Sustainable Design	1
23	Environmental Engineer	3		C16	Construction Surveying	2	S13	Storm Water Handling & Facilities	2
29	Geographic Info Syst. Spec.	7		C18	Cost Estimating	3	T02	Testing & Inspection Services	4
32	Hydraulic Engineer	3		D02	Dams, Earthen	1	T03	Traffic & Transp. Eng.	5
34	Hydrologist	1		D04	Design Build, Preparation of RFP	1	T04	Topo Survey & Mapping	3
38	Land Surveyor	1		D05	Digital Terrain Model	4	U02	Urban Renewal Cmty Dev.	1
47	Planner: Urban/Regional	2		D06	Digital Orthophoto	4	W02	Water Resources	3
48	Project Manager	9	5	E08	Engineering Economics	1	W03	Water Supply	3
57	Structural Engineer	1	1	E09	Environmental Impact Studies	2	Z01	Zoning Land Use Studies	1
60	Transportation Engineer	5	1	G01	Garages: Parking Decks	1			
62	Water Resources Engineer	9	2	G03	Geodetic Surveying	3			
				G04	Geographic Information System	2			
	Other	2		G05	Geospatial Data Conversion	2			
				H07	Hwys; Streets; Airfield Paving	3			
				I01	Industrial Bldgs; Mfg Plants	1			
				I03	Industrial Waste Treatment	1			
				L02	Land Surveying	3			
				O01	Office Bldgs; Industrial Parks	1			
				P03	Photogrammetry	1			
				P04	Pipelines	3			
				P05	Planning (Community)	2			
				P06	Planning (Site)	2			

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	2
b. Non-Federal Work	8
c. Total	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE Emad Al-Turk	b. DATE 1/1/2021
c. NAME AND TITLE Emad Al-Turk, PE, President	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBERS (if any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2A. FIRM (OR BRANCH OFFICE) NAME	3. YEAR ESTABLISHED	4. DUNS NUMBER:
Waggoner Engineering, Inc. **Hernando Office**	1976	09-491-6681

2b. STREET	2c. CITY	2d. STATE	2e. ZIP
2475 Memphis St.	Hernando	MS	38632

5. OWNERSHIP

a. TYPE: Corporation

b. SMALL BUSINESS STATUS: Yes

6a. POINT OF CONTACT NAME AND TITLE	6b. TELEPHONE NUMBER	6C. EMAIL ADDRESS
Emad Al-Turk, PE, President	662-429-1000	Emad.Al-Turk@waggonereng.com

7. NAME OF FIRM (If block 2a is a branch office): Waggoner Engineering, Inc.

8a. FORMER FIRM NAMES(S) *(If any)*	8b. YR. ESTABLISHED	8C.

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	C. No of Employees		FIRM =96	BRANCH OFFICES = 8
02	Administrative	15	1		
06	Architect	1			
08	CADD & Survey Technician/Designer	7			
12	Civil Engineer	11			
15	Construction Inspector	16	1		
16	Construction Manager	1			
18	Cost Engineer/Estimator	1			
20	Economist	1			
23	Environmental Engineer	3			
29	Geographic Info Syst. Spec.	7			
32	Hydraulic Engineer	3			
34	Hydrologist	1			
38	Land Surveyor	1			
47	Planner: Urban/Regional	2			
48	Project Manager	9	2		
57	Structural Engineer	1			
60	Transportation Engineer	5	4		
62	Water Resources Engineer	9			
	Other	2			

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (See below)			
A05	Airports: Lighting	1	P07	Plumbing & Piping Design	1
A06	Airport Terminals Hangars	1	R03	Railroad; Rapid Transit	1
A12	Automation Controls Instrument	1	R04	Recreation Facility	1
B02	Bridges	2	R11	Rivers; Canals; Waterways; Flood Control	3
C08	Codes: Standards; Ordinances		S04	Sewage	5
C11	Community Facilities	1	S09	Structural Design	2
C14	Conservation & Resource Mgmt.	2	S10	Surveying; Planning; Mapping; Flood Planning Study	4
C15	Construction Management	4	S11	Sustainable Design	1
C16	Construction Surveying	2	S13	Storm Water Handling & Facilities	2
C18	Cost Estimating	3	T02	Testing & Inspection Services	4
D02	Dams, Earthen	1	T03	Traffic & Transp. Eng.	5
D04	Design Build, Preparation of RFP	1	T04	Topo Survey & Mapping	3
D05	Digital Terrain Model	4	U02	Urban Renewal Cmty Dev.	1
D06	Digital Orthophoto	4	W02	Water Resources	3
E08	Engineering Economics	1	W03	Water Supply	3
E09	Environmental Impact Studies	2	Z01	Zoning Land Use Studies	1
G01	Garages: Parking Decks	1			
G03	Geodetic Surveying	3			
G04	Geographic Information System	2			
G05	Geospatial Data Conversion	2			
H07	Hwys; Streets; Airfield Paving	3			
I01	Industrial Bldgs; Mfg Plants	1			
I03	Industrial Waste Treatment	1			
L02	Land Surveying	3			
O01	Office Bldgs; Industrial Parks	1			
P03	Photogrammetry	1			
P04	Pipelines	3			
P05	Planning (Community)	2			
P06	Planning (Site)	2			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	2
b. Non-Federal Work	8
c. Total	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
Emad Al-Turk	1/1/2021

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBERS (if any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2A. FIRM (OR BRANCH OFFICE) NAME	3. YEAR ESTABLISHED	4. DUNS NUMBER:
Waggoner Engineering, Inc. **Gulfport Office**	1976	09-491-6681

2b. STREET	2c. CITY	2d. STATE	2e. ZIP
2510 14th Street, Suite 1200	Gulfport	MS	39501

5. OWNERSHIP

a. TYPE: Corporation

b. SMALL BUSINESS STATUS: Yes

6a. POINT OF CONTACT NAME AND TITLE	6b. TELEPHONE NUMBER	6C. EMAIL ADDRESS
Emad Al-Turk, PE, President	601-355-9526	Emad.Al-Turk@waggonereng.com

7. NAME OF FIRM (If block 2a is a branch office): Waggoner Engineering, Inc.

8a. FORMER FIRM NAMES(S) *(If any)*	8b. YR. ESTABLISHED	8C.

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	C. No of Employees	
TOTAL		FIRM =96	BRANCH OFFICES = 2
02	Administrative	15	
06	Architect	1	
08	CADD & Survey Technician/Designer	7	
12	Civil Engineer	11	
15	Construction Inspector	16	
16	Construction Manager	1	
18	Cost Engineer/Estimator	1	
20	Economist	1	
23	Environmental Engineer	3	
29	Geographic Info Syst. Spec.	7	
32	Hydraulic Engineer	3	
34	Hydrologist	1	
38	Land Surveyor	1	
47	Planner: Urban/Regional	2	
48	Project Manager	9	1
57	Structural Engineer	1	
60	Transportation Engineer	5	1
62	Water Resources Engineer	9	
	Other	2	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (See below)			
A05	Airports: Lighting	1	P07	Plumbing & Piping Design	1
A06	Airport Terminals Hangars	1	R03	Railroad; Rapid Transit	1
A12	Automation Controls Instrument	1	R04	Recreation Facility	1
B02	Bridges	2	R11	Rivers; Canals; Waterways; Flood Control	3
C08	Codes: Standards; Ordinances		S04	Sewage	5
C11	Community Facilities	1	S09	Structural Design	2
C14	Conservation & Resource Mgmt.	2	S10	Surveying; Planning; Mapping; Flood Planning Study	4
C15	Construction Management	4	S11	Sustainable Design	1
C16	Construction Surveying	2	S13	Storm Water Handling & Facilities	2
C18	Cost Estimating	3	T02	Testing & Inspection Services	4
D02	Dams, Earthen	1	T03	Traffic & Transp. Eng.	5
D04	Design Build, Preparation of RFP	1	T04	Topo Survey & Mapping	3
D05	Digital Terrain Model	4	U02	Urban Renewal Cmty Dev.	1
D06	Digital Orthophoto	4	W02	Water Resources	3
E08	Engineering Economics	1	W03	Water Supply	3
E09	Environmental Impact Studies	2	Z01	Zoning Land Use Studies	1
G01	Garages: Parking Decks	1			
G03	Geodetic Surveying	3			
G04	Geographic Information System	2			
G05	Geospatial Data Conversion	2			
H07	Hwys; Streets; Airfield Paving	3			
I01	Industrial Bldgs; Mfg Plants	1			
I03	Industrial Waste Treatment	1			
L02	Land Surveying	3			
O01	Office Bldgs; Industrial Parks	1			
P03	Photogrammetry	1			
P04	Pipelines	3			
P05	Planning (Community)	2			
P06	Planning (Site)	2			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	2
b. Non-Federal Work	8
c. Total	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
Emad Al-Turk	1/1/2021

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or Branch Office)* NAME
BURNS COOLEY DENNIS, INC.

3. YEAR ESTABLISHED
1985

4. UNIQUE ENTITY IDENTIFIER
147728489

2b. STREET
551 Sunnybrook Road

5. OWNERSHIP

a. TYPE
Corporation

2c. CITY
Ridgeland

2d. STATE
MS

2e. ZIP CODE
39157

b. SMALL BUSINESS STATUS
Yes

6a. POINT OF CONTACT NAME AND TITLE
A. E. (Eddie) Templeton, P.E./President

7. NAME OF FIRM *(If Block 2a is a Branch Office)*

6b. TELEPHONE NUMBER
601-856-9911

6c. E-MAIL ADDRESS
etempleton@bcdgeo.com

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	7	
08	CADD Technician	1	
27	Foundation/Geotechnical	7	
30	Geologist	1	
40	Materials Engineer	4	
	Pavement Specialist	1	
	Computer Specialist	1	
	Drilling Personnel	12	
	Geotechnical Lab Technician	4	
	Materials Lab Technician	8	
	Materials Field Technician	15	
	Other Employees		
	Total	61	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
S05	Soils & Geologic Studies -Foundations	5
T02	Testing & Inspection Services	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	7
c. Total Work	7

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000.
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE
01-31-2020

c. NAME AND TITLE
A. E. (Eddie) Templeton, P.E., President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Advanced Environmental Consultants, Inc.		3. YEAR ESTABLISHED 1996	4. DUNS NUMBER 015618762
2b. STREET 775 North President Street		5. OWNERSHIP a. TYPE Corporation	
2c. CITY Jackson	2d. STATE MS	2e. ZIP CODE 39202	b. SMALL BUSINESS STATUS 541330
6a. POINT OF CONTACT NAME AND TITLE DeJonnette Grantham King, PhD, President/CEO		7. NAME OF FIRM *(If block 2a is a branch office)*	
6b. TELEPHONE NUMBER 601/362-1788	6c. E-MAIL ADDRESS aecinc@advancedenviroconsultants.com		
8a. FORMER FIRM NAME(S) *(If any)*		8b.YR ESTABLISHED	8c. DUNS No.

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH	a. Profile Code	b. Experience	c. Revenue Index Number (see below)
24	Environmental Scientist	1		A10	Asbestos Abatement	1
02	Administrative	1		C15	Construction Management	1
08	CADD Technician	1		E01	Ecological/Archaeological	1
50	Risk Assessor	1		E09	Environmental Impact Studies	3
38	Land Surveyor	1		E11	Environmental Planning	1
11	Chemist	1		E12	Environmental Remediation	1
12	Civil Engineer	1		H02	Hazardous Materials Handling	1
10	Chemical Engineer	1		H03	Hazardous Remediation	1
21	Electrical Engineer	1		S01	Storm Water Handling Facility	1
35	Industrial Engineer	1				
59	Toxicologist	1				
07	Biologist	1				
55	Soils Engineer	1				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)	
a. Federal Work	1
b. Non-Federal Work	4
c. Total Work	5

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE

6/24/2021

c. NAME AND TITLE
DeJonnette G. King President/CEO

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or branch office)* NAME **AJA Management & Technical Services, Inc.**		3. YEAR ESTABLISHED **1998**	4. DUNS NUMBER **016956497**
2b. STREET **912 North West Street**		5. OWNERSHIP a. TYPE **C-Corporation**	
2c. CITY **JACKSON**	2d. STATE **MS**	2e. ZIP CODE **39202**	b. SMALL BUSINESS STATUS **DBE**
6a. POINT OF CONTACT NAME AND TITLE **Andrew Jenkins, President/CEO**		7. NAME OF FIRM *(if block 2a is a branch office)*	
6b. TELEPHONE NUMBER **(601) 352-6800**	6c. E-MAIL ADDRESS **ajenkins@ajaservices.com**		
8a. FORMER FIRM NAME(S) (if any)		8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of employees (1) FIRM	c. No. of employees (2) BRANCH
12	**Civil Engineering/Construction Management**	**4**	
15	**Construction Inspector**	**3**	
53	**Scheduler**	**1**	
	Other Employees	3	
	Total	**11**	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
C15	**Construction Management**	**5**
W03	**Water Treatment**	**4**
S04	**Sewage Treatment**	**3**
A05	**Airports**	**2**
E09	**Environmental Impact Studies**	**2**
G01	**Parking Garages**	**2**
P05	**Planning – County**	**2**

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (insert revenue index number shown at right)

a. Federal Work	**1**
B. Non-Federal Work	**5**
c. Total Work	**5**

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less that $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

Andrew Jenkins

b. DATE

2/14/2020

c. NAME AND TITLE

Andrew Jenkins, President/CEO

RESUMES

Hayden Overby, PE

Senior Project Manager

Hayden joined Waggoner in 2017 and currently serves as a Senior Project Manager. He brings over 10 years of civil engineering project experience including planning, surveying, designing, constructing, inspecting, and managing. Since joining Waggoner, he has aided in completion of over $40 million worth of infrastructure initiatives including transportation, aviation, drainage, water, and wastewater.

Education

Bachelor of Science, Civil Engineering, Mississippi State University, 2013

Associate of Arts, Jones County Junior College, 2010

Professional Registration/ Certifications

Professional Engineer: Mississippi 29614

Surveyor Intern

Class II Water Water Operator 7889

MDOT LPA Certification

Project Experience

Lake Harbour Drive Extension, City of Ridgeland, MS: Project Manager. Construction, Engineering, and Inspection phase of the $20 million roadway project that spanned Purple Creek and Interstate 55. The project included installation of a double 14'x12' box culvert under the railroad that had to be installed under a railroad within a 24-hour time frame.

East Metro Corridor Segment III, Rankin County, MS: Serves as the project manager for the final phase of construction of the $40 million transportation initiative. The final segment includes 2.3 miles of roadway, a box culvert, and a multi-use path.

Rankin County Comprehensive Drainage Master Plan, Rankin County, MS: Served as the project engineer for the project that involved developing and prioritizing both capital and maintenance requirements for addressing drainage related deficiencies thought the County. The plan used a watershed approach to address the County's drainage needs.

City Center & Rice Road Extension, City of Ridgeland, MS: Served as the project manager for the design of the $20 million dollar complex that host City Hall and other future buildings. The complex includes a road that extends through the Natchez Parkway which required right of way form the National Park Service.

MDOT Hydraulic Engineering Services Master Contract: Project Engineer. Provided assistance to the technical team including ensuring contracts were properly followed, scheduling to guaranty peak efficiency, generating invoices to MDOT requirements.

MDOT Roadway Design Services Master Contract: Deputy Project Manager. Assisted the project manager with the scope of work, exhibit 8, schedule, and other task for the Phase A roadway design for the US 51 Bridge Replacement Project in Yalobusha County.

Claiborne County General Services: Project Manager. Assisting the county engineer with various task including road rehabilitation, emergency drainage repairs, bridge inspections, bridge design, and road design.

East Brandon Bypass: Project Manager. Waggoner is tasked with completing Phase A preliminary engineering for this transportation inventive intended to relieve congestion and promote economic development

WAGGONER

Hunter T. Arnold, PE

Principal-in-Charge

Hunter has over 32 years of public sector civil engineering experience in the management, planning, design, and construction of locally, federally, and state funded infrastructure projects for cities, counties, and parishes in Mississippi and Louisiana. His experience includes responsibility as Principal Engineer for State Aid and LPA roadway projects, drainage/flood-control, site development, watershed planning, and environmental infrastructure projects across the state of Mississippi and beyond. Listed below are over $90 million of example projects for which Hunter has served as Principal Engineer or Lead Project Manager over the last 5 years.

Roadways

- Byram-Clinton Corridor in Hinds County MS, the largest State Aid roadway project in Mississippi ($110 million, Segment 2 completed for $22 million in August of 2019).
- East Metro Corridor Segment 2 in Rankin County, MS, $8 million completed in fall of 2018
- Dedeaux Road Widening in Gulfport, MS, $28 million, with $4.9 million Phase 1 completed in September 2019
- Brandon Highway 80 Improvements, $2.8 million completed in 2018
- Highland Colony Parkway and Reunion Parkway Reconstruction and Final Surfacing, Madison County, MS, $6 million, completed in 2019
- Lake Harbour Drive Extension, City of Ridgeland, MS, $28 million, currently under construction
- North State Street Reconstruction, from Fortification to Woodrow Wilson, City of Jackson, $4.6 million, currently under construction

Flood Control, Drainage, Watershed Planning

- Hancock County Watershed Plan, 2019
- Rankin County Watershed Plan, 2018
- Virginia Avenue Drainage Structure, Emergency Repair of its Collapse, and Permanent Replacement, City of Meridian, $4 million, completed in 2017
- Jackson County Escatawpa Watershed Drainage Improvements Project, 2019

Site Development

- Ridgeland City Center, $12 million, currently under construction
- Kemper Crossing Commerce Park, Kemper County, MS, currently under construction

Public Sector Emphasis Offers Unique Value

Hunter's experience includes service to several multi-jurisdictional public bodies, applying innovative engineering concepts within the framework of effective public policy, leading to significant infrastructure improvements, spanning from transportation, to water and wastewater, disaster recovery, and economic development. Working collaboratively with cities and counties, with their economic development, financial, and legal representatives, Hunter has been extremely successful in assisting clients to both apply innovative funding methods, and to unlock economic development through effective and disciplined planning and enforcement of codes and ordinances.

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 1986

Registrations & Certifications
Professional Engineer: Mississippi 11076; Alabama 30907; Louisiana 33444

Professional Affiliations & Awards
AWWA Alabama-Mississippi Section, received 2016 George Warren Fuller Award

MES; NSPE; ASCE; APWA; MEDC;

Water Environment Federation (WEF)

WAGGONER

William (Bill) McDonald, PhD, PE

QA/QC

As Chief Technical Officer, Bill is responsible for overseeing the company's technical excellence and innovation, delivery improvement, and growth strategy for the professional and technical staff in each of the discipline areas.

Bill began his career in engineering in 1984 and since that time has been responsible for the engineering and management of projects, from conception to implementation, in varied disciplines of civil engineering, including transportation corridor planning and design; utility planning, analysis and design; environmental reviews and assessments; economic development site assessment; flood control and flood hazard mapping; and many other areas of public and private sector engineering and planning projects.

Project Experience

Ruston Transportation Infrastructure Improvements, Ruston, LA: Project Manager. Project involved traffic analyses, corridor modeling, transportation planning, environmental assessment, and conceptual design of improvements to the I–20 Corridor in Ruston, Louisiana.

Mississippi Healthcare Corridor: Served as Principal-in-Charge for the development of a Conceptual Plan for the Mississippi Healthcare Corridor for revitalizing Woodrow Wilson Avenue and its surrounding areas. The plan included identifying areas for mixed-use development, healthcare facilities, parks and open space, multi-use trails, roadway enhancements, and transit routes.

Byram-Clinton Corridor, Hinds County, MS: Serves as Principal-in-Charge for a 15-mile urban arterial corridor in southern Hinds County, involving route location and environmental evaluation, design, right-of-way acquisition, and construction management.

East Metropolitan Corridor, Rankin County, MS: Served as Project Manager for route location and environmental evaluation for a 7-mile corridor of roadway and transit facilities between Highway 25 and I-20 in the vicinity of the Jackson International Airport.

Hinds County Comprehensive Plan, Hinds County, MS: Served as Project Manager for a joint venture of Waggoner Engineering, Inc. and Joseph A. Lusteck & Associates, Inc. engaged by Hinds County to develop a Comprehensive Plan of the unincorporated areas of the county. The plan was to include an assessment of the current state and projection of future conditions to the planning year 2025. The plan is to encompass the entire county less the Cities of Jackson and Clinton.

Flowood Water System Analysis, Flowood, MS: Principal-in-Charge. Prepared water master plan and rate study, coordinated compliance documents with Mississippi State Department of Health regulations, supervising preparation of construction plans and drawings.

Mississippi Digital Earth Model (MDEM) for MDEQ: Serving as Principal-in-Charge for production of statewide data layers, including orthoimagery, digital terrain model (DTM) and ground contours, hydrography and transportation data**.**

MS Gulf Region Water and Wastewater Master Plan & Implementation Plan, Pearl River, Stone, Hancock, Harrison, Jackson Counties, MS: Principal-in-Charge for the planning and constructing water and sewer infrastructure for the 5 counties in the MS Gulf Region. The plan identified and construction is underway for water, sewer and stormwater projects totaling $654 million. HUD is providing the funds as a result of Hurricane Katrina recovery and future mitigation.

Education

2005, Doctor of Philosophy in Old Testament Studies, New Orleans Baptist Theological Seminary

1998, Master of Divinity in Biblical Languages, New Orleans Baptist Theological Seminary

1983, MSCE, Mississippi State University

1981, BSCE, Mississippi State University

Department of the Navy NAVFAC Engineering Command

1990, 40-Hour Workshop of Value Engineering and Life-Cycle Cost Analysis, Department of the Navy NAVFAC Engineering Command

Professional Registration & Cerfications

Professional Engineer:
Mississippi #10066
Alabama #33151
Louisiana #0043809

WAGGONER

Thomas Grass, PE

Roadway, Bridge & Drainage Design

Thomas joined Waggoner Engineering in 2018, bringing 10 years of experience in project management, 2D & 3D roadway design, traffic signal design, bridge design, commercial & passenger railroad design, traffic impact studies, roadway safety audits and traffic planning & modeling. These projects ranged from small projects with short deadlines to long-running multi-disciplinary high priced projects.

Education
Bachelor of Science, Civil Engineering, Missouri University of Science and Technology, 2007

Professional Registration/ Certifications
Professional Engineer: Mississippi 25464

Project Experience

Reunion Parkway in Madison County, MS: Discipline Manager & Lead Roadway designer (ROW through final plans)(design efforts ongoing). Project consisted of designing a new 1.2 mile roadway with a bridge over the Interstate 55. Design also included 5 ramps at the interchange and an intersection where the road ties to existing road network. On-going duties include: developing roadway plans, coordinating with and assisting in design of the bridge & signals, developing estimated quantities, and various team & design management tasks.

Museum Boulevard in Jackson, MS: Discipline Manager & Lead Roadway designer(under construction). Project consisted of reinvigorating a 0.6 mile divided roadway by repairing pavement, upgrading lighting and signing, upgrading existing water pipes, replacing curb & gutter and fixing unsound drainage inlets. On-going duties include: developing roadway plans, coordinating with numerous adjacent projects & various stakeholders, developing estimated quantities, and various team & design management tasks.

East Brandon By-Pass in Brandon, MS: Discipline Manager & Lead Roadway designer (design efforts ongoing). Project consisted of designing a new 2.6 mile roadway with a bridge over the Interstate 55. On-going duties include: developing roadway plans, coordinating with and assisting in design of the bridge & signals, developing estimated quantities, and various team & design management tasks.

Craft Road in Desoto County, MS: Lead Roadway designer (ROW through final plans)(under construction). Project consisted of designing the widening of a 0.5 mile roadway from 2-lanes to 5-lanes. On-going duties include: developing roadway plans, coordinating with adjacent projects, developing estimated quantities, and various team & design management tasks.

Swinnea Road in Desoto County, MS: Lead Roadway designer (ROW through final plans)(design efforts ongoing). Project consisted of designing the widening of a 0.25 mile roadway and designing a new 0.75 mile roadway extension. On-going duties include: developing roadway plans, coordinating with adjacent projects, developing estimated quantities, and various team & design management tasks.

I-55 & Gluckstadt Road Interchange in Madison County, MS: Roadway Engineer (final plans). Project consisted of designing a new bridge over the Interstate 55 with 5 interchange ramps and several signalized intersections. On-going duties included: developing roadway plans, coordinating with and assisting in design of the signals, detailed drainage design, signage plan development including detailing custom guide signs, developing estimated quantities.

SR 145 & Barnes Crossing Spot Improvements in Tupelo, MS: Lead Roadway designer (conceptual through final plans). Duties included: developing various concepts, developing roadway plans, coordinating with and assisting in design of signals, developing estimated quantities, and various team & design management tasks.

WAGGONER

Education

Bachelor of Science, Civil Engineering, Mississippi State University, 2013

Professional Registration & Cerfications

Passed NCEES FE Examination (October 2013)

Mark Barry, EI

Roadway, Bridge, and Drainage Design

Mark is an Engineering Intern in Waggoner's Transportation department, where his responsibilities include assisting with roadway design and traffic signalization.

Project Experience

Reunion Parkway Interchange, Madison, MS. Plan Development. Road construction from Bozeman Rd. to Parkway East.

Craft Road Widening, Lewisburg, MS. Plan Development. Widening section of road to better accomodate future construction.

North and South Ward Street Rehabilitation, Vicksburg, MS. Plan Development. Road improvements, including milling and overlay, and curb and gutter repair to various streets.

North State Street Rehabilitation and Pedestrian Crossing Improvements, Jackson, MS. Plan Development, Milling and overlay, sidewalk repair, and curb and gutter repair.

Hernando Square Traffic and Pedestrian Signal Improvements, Hernando, MS. Plan Development, New traffic signal, sidewalk, and crosswalk updates

MS Highway 15 Traffic Signals and Signing, MDOT Pontotoc County, MS. Plan Development. Improvement of signals and new signing plan.

North and South Ward Street Rehabilitation, Vicksburg, MS. Plan Development. Road improvements, including milling and overlay, and curb and gutter repair to various streets.

East Metro Corridor, Flowood MS. Plan Development. New corridor segment Roadway design.

Byram Clinton Corridor, Byram, MS. Plan Development. New corridor segment roadway and signal design.

Lake Harbour Extension, RIdgeland, MS. Plan Development. New road design from Highland Colony Parkway to Highway 51, and signal design.

Dedeaux Road Improvements, Gulfport, MS. Plan Development. New road and signal design.

Highway 80 signal and Roadway Improvements, Brandon, MS. Plan Development. New roadway and signal design.

Traffic Signal Replacement, Louisville MS. Plan Development. Signal improvements on Main St. in downtown.

Milan and Leonidas Neighborhood Repairs, New Orleans LA. Plan Development. Roadway and Sidwalk repairs from Hurricane Katrina damage**.**

WAGGONER

Carol Jackson, PE, PLS

Surveying, Maps and Deeds, LiDAR/Aerial Mapping

Carol joined Waggoner in 2018 as a Senior Project Engineer in our Transportation Department, bringing with her nearly three decades of experience in providing design and consulting services to private, institutional and governmental clientele. Her proficiency with roadway, bridge, alternative transportation enhancement and civil site development evolved from an extensive background in construction and design.

Carol began her professional career with the Alabama Highway Department, now ALDOT, as a project engineer for roadway and bridge construction sites, before accepting a position with Clarke County, Alabama, that mandated all aspects of design, construction and maintenance oversight of local road projects. After spearheading the creation of an engineering and mapping division for a publicly owned natural gas utility, she became a resource to local government entities, utilities, developers and contractors for comprehensive engineering and surveying services.

Education
Bachelor of Science, Civil Engineering, University of Alabama, 1991

Professional Registration
Professional Engineer:
Mississippi 29926;
Alabama 21584

Professional Land Surveyor:
Mississippi 30426;
Alabama 21584

Project Experience

Various State and Local Bridge Construction Projects, Alabama: Carol has worked as the project estimator and engineer for Newell Bush, Inc. in Montgomery for seventeen years. She evaluates plans and specification for the purpose of compiling estimates in the competitive bidding process, primarily in the ALDOT project letting. Projects range in size from $100K to over $20 million. In addition to estimating, Carol designs construction falsework submittals for both elevated bridge components and foundation cofferdam cells, as well as, erection and demolition operation procedures for bridges spanning railroad facilities. Software: Microstation, Geopak,

Dedeaux Road Improvements, Gulfport, MS (LPA): Project Engineer, assisted with project quantities and construction oversight on an ass needed basis as part of the team providing construction engineering and inspection services**.**

Riverside Drive Rehabilitation, Jackson, MS: Project Engineer, performed QA/QC on construction plans for phase one of this $12 million urban renewal project. Project design included removal and replacing curb and gutter, storm sewer, grading, paving, and traffic control, in addition to new sidewalks and multi-purpose trails.

Holly Springs Road Segment 2, Hernando, MS (LPA): Project Engineer, compiled survey terrain modeling for site reconnaissance and initial hydrologic and hydraulic analysis. Project design includes grade, drain, base, pave and bridge for a 1.0 mile roadway relocation. Software: Microstation, Geopak

Old Highway 80 Bridge Replacement, Meridian, MS: Project Surveyor, Project Engineer, Carol performed initial topographic survey for this bridge relocation project, processed survey for surface modeling which was then merged with supporting lidar elevation data for use with HEC-RAS and flood plain modeling. Software: Trimble Magnet, Microstation, Geopak

Hancock County Comprehensive Watershed Based Stormwater Program, Hancock County, MS: Carol served as Project Engineer on the development of the program in identification of $109 million in infrastructure rehabilitation for improving chronic stormwater flooding conditions. This watershed based program addresses improving runoff quantity and quality issues, provides conceptual holistic solutions with relevant opinion of cost. The program also provides short and long range planning for project implementation and funding strategies. Software: Microstation, Geopak Drainage, HY-8, Hydraulic Toolbox 4.4

WAGGONER

Steve Hohulin, AICP

Planning/Capacity Studies

Steve joined Waggoner in 2019 as the Senior Discipline Manager for Planning & Development, bringing with him over 40 years of experience in planning and design for a broad range of public and private-sector clients. His projects include commercial development, single- and multi-family housing, transportation, infrastructure, energy, federal, environmental, education, healthcare, economic development, community development and private development.

Education
Bachelor of Science, Geography, Illinois State University, 1984

Professional Registration/ Certifications
AICP Certified Planner

Project Experience

Blount, South Plant Property, Alcoa, TN—Supervisor

UP Rail Yard and Industrial Complex, Site Master Plan*, Buckeye, AZ | Principal

Marathon Petroleum and surrounding Industrial Complex, Site Master Plan*, Detroit, MI | Principal

UP Rail Yard/Industrial Complex, Site Master Plan*, Picacho, AZ | Principal

BNSF Rail Yard and Industrial Complex, Site Master Plan*, Surprise, AZ | Principal

General Motors Desert Proving Grounds, Site Master Plan and Design*, Yuma, AZ | Principal

Wacker Chemical, Site Master Plan and Design*, Charleston, TN | Principal and Senior Planner

Shanghai GM/Pan Asia Proving Grounds, Site Master Plan and Design*, Anhui, China | Principal

Michigan Proving Ground, Site Master Plan and Design*, Romeo, MI | Principal

James River Advanced Paper Facility, Site Master Plan, Project Funding, Design*, Parchment, MI | Principal and Senior Planner

Archer Daniels Midland Industrial Complex, Site Planning and Design*, Decatur, IL | Principal and Senior Planner

Memphis Regional Megasite – Master Plan*, State of Tennessee | Principal and Senior Planner

WAGGONER

Education

Bachelor of Science, Business Administration, Belhaven College, 1995

Associate of Arts, Industrial Drafting, Hinds Community College, 1979

Professional Registration & Cerfications

Senior Certified Engineering Technician

Glenn Robinson, SCET

Roadway, Bridge, and Drainage Design

Glenn joined Waggoner Engineering, Inc. in 2015 as a Senior Designer in our Transportation Division bringing with him over 20 years in roadway experience, of which 14 years of experience was with MDOT where he served as a roadway designer in the Roadway Design Division.

Project Experience

Byram-Clinton Corridor, Hinds County, MS: Project Designer. Construction plans Byram-Clinton Corridor. Scope of construction plans consisted of calculating all quantities for roadway pay items, developing traffic control plans and computing earthwork totals from cross-sections. Length of project about 3.5 miles paving a four-lane highway.

Highway 487, Leake County, MS: Project Designer. Prepared R.O.W. plans. Scope of R.O.W. plans preparation consisted of setting grades, setting proposed alignments, detour road alignments and plotting existing cross-section. Length of project was 1.2 miles; replaced three bridges.

Highway 11, Pearl River, MS: Project Designer. Prepared drainage plans for HWY 11.

Highway 149, Simpson County, MS: Project Designer. Prepared R.O.W. plans. Scope of R.O.W. plans preparation consisted of setting grades, setting proposed alignments, detour road alignments and plotting existing cross-section. Length of project was 1.4 miles; replaced three bridges.

Brown Street Improvements, Jackson, Mississippi. Project Designer. Senior Civil Designer responsible for preparing construction plans including a grading and drainage plan, horizontal and vertical alignment geometry, traffic control plan, and material quantity calculation.

Winston County, Mississippi. Project Designer. Prepared R.O.W. and construction plans for Hwy 25 and Hwy 19 interchange. Scope of R.O.W. plans preparation consisted of setting grades, setting proposed alignments and plotting existing crosssection. Scope of construction plans consisted of calculating all quantities for roadway pay items, developing traffic control plans and computing earthwork totals from crosssection. Length of project about 2.058 miles. The project included grading and drainage design for a four-lane highway.

George County, Mississippi. Project Designer. Prepared R.O.W. and construction plans for Hwy 63. Scope of construction plans consisted of calculating all quantities for roadway pay items, developing traffic control plans and computing earthwork totals from cross-section. Length of project about 9.00 miles paving a four-lane highway.

Washington County, Mississippi. Project Designer. Prepared R.O.W. and construction plans for Hwy 438. Scope of R.O.W. plans preparation consisted of setting grades, setting proposed alignments, detour road alignments and plotting existing crosssection. Construction plans consisted of calculating all quantities for roadway pay items, developing traffic control plans and computing earthwork totals from cross-section. Length of project was 1.391 miles; replaced seven bridges.

WAGGONER

Collins Simpson, PE

QA/QC

Collins joined Waggoner in 2011 and now serves as a Project Manager. His background includes construction oversight, testing and management through his experience with the Mississippi Department of Transportation. Since joining Waggoner, Collins has exceled in design and project management duties primarily related to transportation matters including direct coordination with the Office of State Aid Road Construction and MDOT.

Education

Bachelor of Science, Civil Engineering, University of Mississippi, 2008

Registrations & Certifications

Professional Engineer: Mississippi #21273

MDOT LPA Process Training

Designing Pedestrian Facilities for Accessibility

Storm Water Management Training

Design & Operation of Work Zone Traffic Control

OSHA 10

Project Experience

City of Hernando, MS Transportation Design and Management: Design Engineer/ Project Manager for various LPA projects administered through MDOT. Typical projects have included signal design with geometric improvements, bicycle and pedestrian design, roadway design, and construction administration of projects utilizing MDOT requirements.

DeSoto County, Transportation Design and Management: Design Engineer/Project Manager for various LPA projects and State Aid road and bridge projects in DeSoto County. Typical projects have included bicycle and pedestrian design, concrete box and bridge design, roadway design, sidewalk design and construction administration of projects utilizing State Aid/MDOT requirements.

Pleasant Hill Hwy 51 & Robinson St @ Hwy 51 Traffic Signals with geometric improvements, Hernando, MS: Project Engineer/ Project Manager for $1.6 Million project consisting of traffic signals at two locations with geometric improvements including lane additions, sidewalk with pedestrian crossings, and storm drains.

Meadowbrook Road Bridge Replacement, DeSoto County, MS: Project Engineer/ Project Manager for $600,000 Bridge Replacement with a double 20x12 box culvert including fill material, storm drain, curb/gutter, sidewalk, road bed, and asphalt tying into existing grade on either end of the project.

Ingrams Mill Road Bridge Replacement, DeSoto County, MS: Project Engineer/ Project Manager for $1 Million, 0.4 miles with 160 foot Bridge Replacement with elevation including fill material, road bed, and asphalt tying into existing grade on either end of the project.

Getwell & Redbanks Road Overlay, DeSoto County, MS: Project Engineer/ Project Manager for $700,000 project consisting of a 1 mile overlay of Getwell Road and 1.4 mile overlay of Redbanks Road.

Getwell Road & Center Hill Road Rehab/Overlay, DeSoto County, MS: Project Engineer/ Project Manager for $1.3 Million project consisting of a 2 mile overlay of Center Hill Road and 3 mile overlay, with one mile of rehabilitation, along Getwell Road. The one mile of roadway rehabilitation in front of DeSoto Central Elementary was completed during the school year without adversely affecting school traffic.

Holly Springs Road Rehab, DeSoto County, MS: Project Engineer for 1.5 mile emergency project due to a rain event over the 100 year flood stage. The project was analyzed, awarded, and repaired within 60 days.

Fogg Road, Church Road, DeSoto Road Overlay, DeSoto County, MS: Project Engineer for $1.4 Million, 7 mile overlay within DeSoto County, MS conforming to all State Aid requirements and regulations.

WAGGONER

Tracy Huffman, PE, PLS, PTP

Planning/Capacity Studies; Surveying, Maps and Deeds, LiDAR/Aerial Mapping

Tracy has served as a transportation and economic development consultant on infrastructure needs for a variety of large site development and transportation projects in the southeast. Tracy now serves as Vice President for Waggoner's Mid-South Region. Prior to joining Waggoner Engineering, Tracy served as Project Manager with a national firm. He has over 20 years experience in designing and developing transportation master plans, new transportation routes, roadway designs, site developments, civil, water, wastewater, stormwater, infrastructure, structural, rail and aviation projects.

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 1993

Registrations & Certifications
Professional Engineer: Mississippi #14044, Louisiana, Tennessee, Arkansas, Indiana

Professional Land Surveyor: Mississippi #2812

Project Experience

State Aid Engineer, DeSoto County, MS: Project Manager for approximately $8 Million in transportation projects at various stages of development in DeSoto County. Responsibilities includes oversight of design contract documents and construction. Provide communications and coordination with Office of State Aid and MDOT.

Starlanding Road, DeSoto County, MS: Project Manager for the Environmental Assessment of the 6-mile segment of the Starlanding widening and reconstruction project through Central DeSoto County, MS. An estimated $40 million project upon completion has been developed and executed through the LPA process. Regulations and requirements of MDOT and FHWA have been unified in the project's development.

Holly Springs Road, DeSoto County, MS: Project Manager for the funding planning and roadway design elements to include horizontal and vertical alignment and drainage structures of the elevated roadway through a flood prone area of the Coldwater River.

Airport Parkway Corridor, Jackson, Flowood, Pearl, MS: Project Engineer. Responsible for certain design development tasks involved in portions of this 12-mile transportation corridor project. Design tasks included: horizontal and vertical alignment, roadway design, drainage design, pavement design all in accordance with MDOT and FHWA standards.

Boulevard and Frontage Roads for the Nissan Manufacturing Facility: Civil Engineer. Design responsibilities included drainage design, highway profile and management of plan production for accelerated schedule.

Liberty Road/Flowood Drive Widening, Flowood, MS: Project Engineer for the Liberty Road portion of the project that included geometric design, drainage LPA document preparation, coordination with MDOT, and client support for land acquisition.

I-55 & Nail Road Interchange Hydrologic/Hydraulic Analysis, DeSoto County, MS: Project Director. Provided client management, review and analysis of technical data and communications with technical team and governmental agencies.

DeSoto County State Aid Road & Bridge Program, DeSoto County, MS:County State Aid Engineer for road and bridge construction utilizing state and federal funds through the MS Office of State Aid Construction. Responsibilities included design and construction oversight including H&H analysis, structural design, horizontal and vertical design, right-of-way acquisition, environmental permitting, cost accounting, bridge inspection and analysis and other administrative duties of the County State Aid Engineer for the DeSoto County Board of Supervisors.

WAGGONER

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 1977

William (Billy) James

Roadway, Bridge, and Drainage Design

Billy joined Waggoner Engineering, Inc. in 2017. In this role, Billy is involved in various transportation projects.

Project Experience

Hollygrove/Leonidas Recovery Road Program, New Orleans, LA: Senior Project Designer. The City of New Orleans implemented a multi-million dollar, multi-year comprehensive infrastructure improvement program to repair Hurricane Katrina related sub-surface and road damages. Types of repairs deemed eligible for improvement by FEMA included utilities, sidewalks, American with Disabilities Act compliant ramps, driveway aprons, curbs and road paving. Worked on a QA/QC check of the plans and quantities.

MS 15 from MS 76 to Union County Line: Senior Project Designer assisting MDOT with Phase A and B traffic signal and permanent signing designs. The project's scope included the design and development of three traffic signals along with geometric improvements to included intersections. Primarily responsible for quality assurance and quality control. Reviewed and made corrections on the permanent sign plans from a MDOT review. Prepared sign sheets and quantities to be inserted into the final plans for final construction plans.

Ridgeland Lake Harbour Drive Extension, Ridgeland, MS: Senior Project Designer. Reviewed construction plans for the Construction Engineering & Inspection (CE&I) services on two separate phases of construction on the Lake Harbour Drive Extension Project from US Highway 51 to Highland Colony Parkway. Phase "A" will include the Canadian National Railroad Box Culvert Replacement construction project, Federal Aid Project No. HPP-8323-00(004) LPA/104859-801200, Madison County. Phase "B" being the remainder of the Lake Harbour Drive Extension Road and Bridge Improvements, Federal Aid Project No. HPP- 8323-00(004) LPA/104859-801000, Madison County, MS.

Starlanding Road, DeSoto County, MS: Senior Project Designer. Reviewed construction plans for the project.Environmental Assessment of the 6-mile segment of the Starlanding widening and reconstruction project through Central DeSoto County, MS. An estimated $35 million project upon completion has been developed and executed through the LPA process. Regulations and requirements of MDOT and FHWA have been unified in the project's development.

Roadway Design Division, Mississippi Department of Transportation: Design Squad Leader. Responsible for the design and preparation of plans for construction of roadway projects (i.e slide projects, bridge replacements, 4-lane relocation and parallel, curb and gutter, and urban projects). Additionally, worked in the quality control section reviewing and correcting roadway plans before they went to construction. Also received surveys sent to Roadway Division from the districts and consultants, which were logged and then routed to the proper people/divisions.

Highway 15, Tippah County, MS
Highway 45 Lowndes County, MS
Highway 45, Clay County, MS
Highway 178, Union County, MS
Tallahatchie River in New Albany, MS
Highway 51, Grenada County, MS
Highway 348, Lee County, MS
Highway 82, Oktibbeha County, MS

WAGGONER

James Millis, PLS

Surveying, Maps and Deeds, LiDAR/Aerial Mapping

Jim has over 35 years in the engineering and surveying profession and is currently the Manager for the Surveying Department for Waggoner. He is a licensed Professional Land Surveyor in three states and has managed millions of dollars in various types of surveying projects throughout his career. He has managed the task of preparing "Maps and Deeds" for all types of transportation related projects. Jim has also managed the task of establishing horizontal and vertical ground control and performing accuracy verifications for numerous "LIDAR" and "Aerial Mapping" related projects.

Education

Houston Community College, Surveyor-in-Training Course, Survey/Technician Course,

University of Houston-Basic AutoCadd, Intermediate AutoCadd,

GPS Seminar – Trimble Navigation, Ltd.

GPS Seminar – Navtech Seminars, Inc.

Parkland Community College, Construction Technolgy Course

Professional Registration/ Certifications

Professional Land Surveyor: Mississippi #02483, Texas, Arkansas

Project Experience

Lake Harbour Drive Extension

Harbor Drive Relocation

Entergy – (Statewide)

Byram-Clinton Corridor

East County Line Road Widening

East Metro Corridor

Airport Parkway Corridor

Lake Harbour Drive Widening

JSU – Metro Parkway

County Line Road

Mississippi Power Company – (Statewide)

Highway 468

SR 35 Raleigh Bypass

Nissan Site and adjoining highways

Highway 468/Flowood Drive

Sunnybrook Road

Desoto County Digital Ortho Photography project, Desoto and Tunica County, Mississippi, Ground Control Survey.

FEMA/DEQ LIDAR Project, Madison and Yazoo County, Mississippi, Ground Control Survey.

Mississippi State Wide Photo Control, Mississippi Statewide, Ground Control Survey.

Port of Gulfport Expansion Project, Harrison County, Mississippi, Ground Control Survey.

WAGGONER

Robert Hooks

Surveying, Maps and Deeds, LiDAR/Aerial Mapping

Robert serves as survey technician and has over 20 years' experience in the engineering design and surveying field. He joined the Waggoner team in 2002, and assists with performing the required mapping and computations for projects. He reports directly to the mapping supervisor and utilizes quality control procedures and checks during the mapping process. His involvement is not only with the engineering design portion of this project, but he is involved with projects involving any boundary or right-of-way mapping.

Education

East Mississippi Jr. College, A.A. Electrical Engineering, 1988

Grambling State University, BS Drafting & Design/ Engineering Technology, 1993

Project Experience

Involved in many different types of transportation related projects which required design surveys, boundary and right-of-way surveys, construction, and GPS control surveys.

Experience in transportation related projects include the topographic design surveying, control survey and performing maps and deeds for:

Widening of Lake Harbour Drive;

Lake Harbour Drive Extension;

Airport Parkway Corridor;

SR 35 Raleigh Bypass;

East Metro Corridor;

Highway 468/Flowood Drive;

Nissan/I-55 Connector Roads;

Byram-Clinton Corridor.

City of Ridgeland, MS, Lake Harbor Drive Widening Project – compiled data on the existing street signs

City of Richland, MS – Managed the collection of field data and complied the final database for the city water system.

Knowledgeable in cartographic mapping including cross-sections, road profiles, river bottom profiles, boundary mapping, hydrographic mapping, topographic mapping and the development of raster images.

Proficient in using computer automated drafting and design software such as MicroStation, AutoCad and ARCView.

Experienced with the development of GIS databases and base mapping projects for various types of GIS related projects.

City of Forest, MS – Supervised the collection of field data for sewer and water systems

Shadowood Subdivision, Ridgeland, MS

Hinds County Economic Develop Authority, Sonny Montgomery Industrial Park

WAGGONER

Charles Curcio, Jr., PE, CFM

Roadway and Bridge Hydraulics

Charles serves as hydraulic engineer on a variety of civil and transportation projects. Mr. Curcio has experience in the design of pumping stations for sanitary and water distribution systems. Mr. Curcio is also responsible for supervision of design engineers, technicians and subcontractors in connection with design of site work (roadways, grading, drainage, erosion control, pumping stations, storm water permits, corps of engineers permits, utilities (water & sewer), access and security) and various other civil projects.

Education

Bachelor of Science, Civil Engineering, Mississippi State University, 1977

Professional Registration/ Certifications

Professional Engineer: Mississippi #08441; Georgia; Texas

Certified Floodplain Manager

Project Experience

US 49 Forrest County Safety Improvements, Forrest County, MS (2017-2018): Senior Project Engineer responsible for performing hydrologic and hydraulic analysis of drainage structures within the project limits for both existing and proposed project conditions. Proposed project conditions included cross drain extensions and complex cross-drain pipe networks which combined south and northbound lane crossings. A combination of StormCAD, HY-8, and complex spreadsheet calculations was used to model the systems.

Stateline Road Bridge Replacement, Olive Branch, MS (2017-2018): Senior Project Engineer responsible for performing hydraulic and scour analysis of existing and proposed bridge over Grants Creek at Stateline Road. HEC-RAS software was used to model existing and proposed bridges and HEC-18 procedures were used to perform scour analysis and design scour countermeasures. Because the bridge was in a FEMA Special Flood Hazard Area, the proposed bridge was designed to meet No-Rise criteria.

Georgia Department of Transportation (GDOT), Design/Build Bridge Replacement Projects (2017): Senior Project Engineer responsible for performing hydraulic and scour analysis of existing and proposed Old Nicholls Hwy (CR466) bridge over Hog Creek Tributary, Ware County Georgia. HEC-RAS modeling included the analysis of natural, existing and proposed conditions, scour calculations, deck drainage calculations, and preparation of hydraulic report.

Bridge Hydraulic Design Master Services Agreement, Statewide, Mississippi. Mississippi Department of Transportation. Hydraulic Engineer. Responsible for review of HEC-RAS modeling, scour and guide bank computations, and report findings. Michael Baker provided engineering services for bridge replacements under a two-year master services agreement for bridge hydraulic design. Services included hydraulic analyses, scour assessments, stream bank stabilization evaluations, preparation of hydraulic analysis reports, and conceptual and preliminary bridge design.

Bridge Repair Design and Construction Services, Statewide, Mississippi. Mississippi Department of Transportation. Environmental Engineer. Provided design of erosion control measures for the bridge rehabilitation. Michael Baker provided engineering services for the repair and rehabilitation of bridges at four sites on state and U.S. highways. Services included development of roadway and bridge design plans for the bridge repairs and construction administration and observation.

WAGGONER

Professional Registration/ Certifications
Certified Floodplain Manager

Kevin Day, CFM

Planning/Capacity Studies

Kevin brings over 31 years' experience working on broad range of planning and development projects. From the initial stages of site investigation and analysis, to planning and design development and community engagement, his knowledge and creative skill have delivered quality public spaces. He has a working knowledge of the standards, and practices in Urban Planning, Architectural, Landscape Architectural, Civil Engineering and construction.

Project Experience

Historic Jackson Street District Overlay District Parking Improvements – Ridgeland, MS: Duties included; design development review, landscape design and construction inspection.

Mississippi Healthcare Corridor, Woodrow Wilson Avenue, Jackson, MS: The project included data collection and conceptual plan development. Identifying key enhancements to roadway and transit, recreation parks, multi-use trails, and open space.

Pelahatchie Revitalization Projects for Historic Overlay District, Pelahatchie, MS: Duties included meeting with community leaders to identify and develop project goals and objectives.

Streetscape Enhancement Plan for Pelahatchie's Goforth and Second Street, Pelahatchie, MS: Duties include creating preliminary development plans, plan review and construction inspection

WAGGONER

Franklin Hines, PE

Bridge/Structural Design

Franklin joined Waggoner in 2020 and has over 39 years of experience in engineering, project management, quality assurance & control, and construction engineering services on major bridge projects.

Bridge Design Project Experience

Loop 1 Overpass at U.S. 290; Austin, TX: Bridge Engineer & Project Manager. Designed the superstructure and managed the subconsultant's substructure design. This project is the final link for this interchange. Twin parallel structures, each 1225 feet long, connects through traffic on Loop 1. Type IV beams were used for span lengths ranging from 80 to 100 feet. (Low Bid = $5.5 million).

Texas FM 619; Williamson County, TX: Bridge Engineer & Project Manager. Designed the 5-span 110 m structure composed of TxDOT Type C prestressed beams, 750 mm diameter columns and drilled shafts.

IH35W Frontage Road at Henrietta Creek; Fort Worth, TX: Bridge Engineer & Project Manager. This unique bridge featured two 5-span structures joined at end spans on a 35-degree skew.

Camino Colombia Toll Road; Laredo, TX: Bridge Engineer. Coordinated the work of subconsultants as well as produced the bridge layouts for 24 bridge structures for what was be the first private toll road in the state of Texas. Also managed the Union Pacific Railroad approval to cross its right-of-way at the eastern terminus of the toll road where it connects the IH35. Unique elements include an elevated intersection of the toll road and IH35 on/off ramps adjacent.

Texas FM 734 Parmer Lane East Section 2; Austin, TX: Bridge Engineer. Designed the 5-span 300 ft structure composed of TxDOT Type B prestressed beams, 30 in. diameter columns and drilled shafts.

AT&SF Railway Mainline Relocation & Texas FM 114 & 156 Grade Separation; Denton County, TX: Bridge Engineer. Designed the SH 114 3-span prestressed concrete beam railroad overpass. Designed the 3-span prestressed concrete beam AT&SF railroad bridge (FM 156 grade separation) for Cooper E80 live load.

North Loop Main Track Relocation Segment III; Brownsville, TX: Bridge Engineer. Designed the 3-span prestressed concrete beam FM 511 railroad overpass.

Davis Springs Off-Site Utilities: Austin, TX, Bridge Engineer. Designed the 2-span prestressed concrete beam utility bridge carrying a 16" forced wastewater line and a 24" water line.

Renner Road Bridge; Richardson, TX: Bridge Engineer. Provided various designs for 800-ft twin bridges with 400-ft continuous slab units with cantilevers, notched-end, precast, prestressed, concrete box beams with slope fascia on exterior beams and hammer head piers with inverted-T caps.

Renner Road East Phase V; Richardson, TX: Bridge Engineer. Designed the transverse post-tensioning system & conducted the shop drawing review of same for Renner Road East, Phase V, eastbound lanes and westbound lanes, including the bridge over Rowlett Creek.

Education

Master of Science, Civil Engineering, May 1985, Mississippi State University

Bachelor of Science, Civil Engineering, May 1981, Mississippi State University

Professional Registration

Professional Engineer:
Mississippi #17866
Louisiana #32416
Texas #62285
Florida #53472
Alabama #28493

Certifications

ASBI Certified Grouting Technician

ASBI Flexible Filler Certification

PTI Bonded PT Field Specialist, Levels 1 & 2

FDOT CTQP QC Manager

WAGGONER

Education

Bachelor of Science, Civil Engineering, Mississippi State University, 1972

Professional Registration & Cerfications

Professional Engineer – Mississippi #06755

MDOT LPA Process Training

Steve McMahen, PE

QA/QC

Steve joined Waggoner Engineering, Inc. in 2003, as a Senior Project Engineer with 31 years of transportation engineering experience with MDOT. Steve currently is a Senior Project Engineer/Project Manager. His duties are to provide management, administrative, and technical support.

Project Experience

East Metro Corridor, Rankin County, MS: Senior Project Engineer responsible for the Environmental Assessment, design and constructability review of plans and the construction of Segment 1 of the EMC, which includes bike lanes and sidewalks for the length of the project.

Byram-Clinton Corridor, Hinds County, MS: Senior Project Engineer responsible for the environmental assessment of the Byram-Clinton Corridor that includes bike lanes and sidewalks. He was responsible for constructability review of the plans for Siwell Road Overlay, and MS Highway 18 to Davis Road and for contract administration for the Siwell Road Overlay.

Coahoma County Multi-Modal Transportation Plan: Senior Project Engineer for development of Multi-Modal Transportation Plan for Coahoma County, MS, including conceptual plan for infrastructure required for a port on the Mississippi River Port and a railway from the port to several sites proposed for economic development.

Brooks Avenue and Lake Road Bike Path Transportation Enhancement and Overlay, Surface Transportation Project, Pelahatchie, MS: Senior Project Engineer responsible for design and constructability review of plans

Dedeaux Road Improvements, Gulfport, MS: Senior Project Engineer responsible for development of alternatives for the environmental assessment

Lake Harbour Drive Extension, Ridgeland, MS: Senior Project Engineer responsible for environmental assessment of this project which includes a multi-use path for the entire length and the path ties into the Lake Harbour Drive Reconstruction Project.

SR 35 Raleigh Bypass, Raleigh, MS: Senior Project Engineer responsible for design and constructability review of plans

Airport Parkway, Flowood, MS: Senior Project Engineer responsible for design and constructability review of plans.

Mississippi Department of Transportation, Assistant Chief Engineer/Operations: Responsible for oversight of six MDOT divisions (200+ employees) that included Construction, Materials, Maintenance, Traffic Engineering, Research and Contract Administration and coordination of activities within the six MDOT districts and with the FHWA. Routinely oversaw contractual letting in excess of $600 million per year, with the largest single letting in the history of MDOT occurring during construction of the 1987 Four-Lane Highway Program.

WAGGONER

Evan Gelston

Bridge/Structural Design; Roadway and Bridge Hydraulics

Education
Bachelor of Science, Civil and Environmental Engineering, Mississippi State University, 2017

Evan joined Waggoner in 2019.

Project Experience

Hancock County Comprehensive Watershed Based Stormwater Management Program, Hancock County Board of Supervisors, Hancock County, Mississippi: Graduate Engineer. Project scope included the identification of deficient areas by Hancock County officials, field investigation of identified areas, creation of a project prioritization scale and hazard ranking of defunct areas, recommended improvements and costs for proposed sites, and a 5-year implementation strategy for project development and creation of county-wide stormwater management districts.

City Center Site Development, Ridgeland, MS: Graduate Engineer.

Claiborne County Disaster Relief: Graduate Engineer. Solutions for 30 flood sites through the county utilizing funds from MDOT and FEMA

Claiborne County Countrywide Paving Project: Graduate Engineer. $3 million worth of paving preservation project through out the county.

Madison County Comprehensive Stormwater Management Program: Graduate Engineer.

WAGGONER

Taylor Carmichael, EI

Roadway and Bridge Hydraulics

Taylor joined Waggoner in 2018 in the Civil/Site Department. He has been an asset on developing plans for site development projects.

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 2017

Project Experience

City Center Site Development, Ridgeland, MS: Graduate Engineer.

Catalpa Creek, Mississippi State University: Graduate Engineer. Waggoner was selected to provide design, contract documents and construction administration for the Catalpa Creek Confluence Preserve located on the campus of Mississippi State University in Starkville, MS. The plan will include restoring the northwest tributary of Catalpa Creek to a naturalized, riparian stream corridor and creating a functioning wetland habitat system with ponds, marshes, and transitional landscapes with boardwalks and pavilions. The total project site is approximately 11 acres.

Cooperwood Senior Living, Storm Water Pollution Prevention Plan, Flowood, MS: Graduate Engineer. The first phase will involve the construction of a two-story building, proposed utilities, adjacent parking and loading areas, and a detention pond. Additions for the second phase will be detailed at a later date. Drainage of the site will consist of utilizing the existing waterways.

Claiborne County Disaster Relief: Graduate Engineer. Solutions for 30 flood sites through the county utilizing funds from MDOT and FEMA

Claiborne County Countrywide Paving Project: Graduate Engineer. $3 million worth of paving preservation project through out the county.

Madison County Comprehensive Stormwater Management Program: Graduate Engineer.

WAGGONER

Brian Granger, PE, BCEE

Utilities

Brian is an experienced design engineer and senior discipline manager for water resource improvement projects, with over 20 years of experience in water supply, storage, distribution, and treatment and advanced wastewater treatment, pumping, and public utility pipeline projects.

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 1995

Registrations & Certifications
Professional Engineer:
Mississippi 14449;
Alabama 32988;
Louisiana 35347;
Florida 81544

Board Certified Environmental Engineer

Project Experience

Water Treatment Plant, City of Gautier, MS: Discipline Manager. Provided design services for a 3.0 MGD water treatment plant and a new water well Waggoner performed detailed engineering design, layout, and details of the project. Services included the preparation of plans, specifications, and contract documents to facilitate the bidding and construction.

Western Water System Master Plan & Improvements, City of Ridgeland, MS: Project Engineer providing a hydraulic analysis of the City's water distribution system and a subsequent Master Plan to address improvements needed to serve the City's growth path west of the City. An up-to-date map of the City's water distribution system was prepared, which was then entered into a computerized hydraulic model. This model allowed the water system to be statically and dynamically analyzed. Recommended improvements to the system were then developed to address deficiencies in supply, storage, and distribution.

Canton-Nissan Water and Wastewater Infrastructure Improvements, Canton Municipal Utilities: Brian served as the lead design engineer for planning and design of water and wastewater system improvements for Canton Municipal Utilities for the Nissan Auto Assembly Plant constructed in Canton, Mississippi. Improvements included a 4 MGD wastewater treatment facility, an 8 MGD pumping station, 2.5 miles of gravity collector sewer, 9 miles of water distribution mains, and a 1.5 million gallon water tank.

School Street Water Line Relocation, City of Ridgeland, MS: Project Manager for School Street Water Line Relocation. Assist the City of Ridgeland by providing professional services for relocation and upsizing water lines along School Street and Wheatley Street to enhance the City's distribution system and provide a clearer path for a future roadway widening project.

Maple Street Pump Station/Jackson Street Pump Station Abandonment, City of Ridgeland, MS: Project Manager providing topographic and design survey information required for the installation of a gravity line to eliminate the existing Maple Street pump station.

I-55 Frontage Road Utility Relocation, City of Ridgeland, MS: Project Manager for relocation of the city-owned water and sanitary sewer utilities that are in conflict with the proposed frontage road addition of Interstate 55 from the Ridgeland Interstate Interchange northward to the Ridgeland/Madison corporate limits.

Drury Inn Water Line, City of Ridgeland, MS: Project Manager for Drury Inn Water Line in Ridgeland. Scope of this project includes the installation of approximately 3,200 LF of new 10 inch water lines, and associated valves, fire hydrants, and connections.

WAGGONER

Myers Carpenter, EI

Utilities

Myers joined Waggoner in 2016 and serves as an engineer intern in Waggoner's Water Resources Division.

Education
Bachelor of Science, Civil Engineering, Mississippi State University, 2016

Registrations & Certifications
Engineer Intern: Mississippi

Project Experience

Wastewater Improvements CDBG & 592, Pelahatchie, MS: Engineer Intern. The projects consist of the following: Installation of four (4) grinder pumps and sewer mains to include unserved houses into the town's sewer system and improvements to the town's WWTF in order to meet future discharge permit limits in 2021.

Jackson Consent Decree Progam - Hydraulic Modeling, Jackson, MS: Engineer Intern. Myers worked as a hydraulic modeler in the project to assist in building, calibrating, and validating a hydraulic model for the City of Jackson's sewer system. The model is being developed in efforts to help the City make improvements to the sewer system and treatment plant in order to meet compliance with the performance parameters set within the Consent Decree.

City of Gautier Capital Improvements Plan, Gautier, MS: Engineer Intern. Myers assisted in the development of a Water and Sewer Capital Improvement Plan (CIP) in order to evaluate the condition of the City's current water and wastewater infrastructure and make 4, 8, and 12-year recommendations for improvements.

Lower Camp Creek Interceptor and Byhalia Overflow, Desoto County, MS: Engineer Intern. The current project consists of approximately four (4) miles of 30" and 36" gravity sewer lines to distribute overflow wastewater from the Byhlia Pump Station to the Short Fork Wastewater Treatment Plant.

Hwy 305 Pump Station and Force Main, Desoto County, MS: Engineer Intern. The current project consists of an 800 gpm pump station and approximately four and a half (4.5) miles of 12" sewer force main.

City of Gautier Water Supply Well and Treatment Plant, Gautier, MS: Engineer Intern. The current projects consist of a water supply well and a nanofiltration water treatment plant to provide the City with more water supply as well as remove the color.

WAGGONER

Sheila Williams, PE

Utilities

Sheila joined Waggoner in 2021 bringing with her over 35 years of water and wastewater project experience. She is very familiar with CDBG application process and have completed CDBG funded projects with various clients from the application phase thru final construction completion. These projects include water line supply projects, water treatment plant projects, water well projects, water/sewer relocation projects, and new road construction projects.

Education
Bachelor of Science, Mechanical Engineering, Mississippi State University, 1996

Registrations & Certifications
Professional Engineer: Mississippi 15784

Project Experience

Meridian Wastewater Consent Decree: Project Engineer.

Central W/A 2.3 MGD Well and Treatment Plant Projects

Town of Sallis CDBG Grant Application for new booster station

Town of Sallis CDBG New Water Well and Distribution Line Extension

Southwest Lauderdale New 600 GPM Well and Water Treatment Plant Expansion

WAGGONER

Jamie McInnis

Bidding & Contracting

Jamie joined Waggoner Engineering in 2018 as a Construction Manager with over 13 years' experience in construction management.

Project Experience

Estimator/Project Manager, Foley Products Company Acquired by Forterra Building Products

Review plans for reinforced concrete pipe, storm drainage and sanitary sewer structures.

Complete take-off of structures and pipe.

Price pipe and structures with Cast-Iron Ring and Covers or Frame and Grates, according to local market and sizes.

Issue Purchase orders for required material needed to fabricate concrete structures.

Answers questions about particular structures or access tops to personnel on production floor.

Schedule structures and material for delivery to customer.

Construction Inspector/Bridge Inspector, Stantec Consulting, Inc.

Served as on-site representative for Owner of construction project.

Ensure that contractor builds project to specifications set forth in the contract.

Conduct Engineer's take-off for construction projects to issue budget cost to Owner.

Record quantities used on project to complete pay estimates for contractors.

Member of a bridge inspection team to verify the safety of bridges to local public.

Education

2013, Construction Engineering Technology; Project Management, Cost-Estimating, Construction Planning and Scheduling, The University of Southern Mississippi

2000, Drafting and Design Technology; Material take-off, AutoCAD, Copiah-Lincoln Community College

Registrations & Certifications

MDOT LPA Certification

WAGGONER

Rhonda Garner

Bidding & Contracting

Rhonda joined Waggoner Engineering, Inc. in July of 1989. Her duties are to provide administrative support for construction related projects including the bidding and contracting phases.

Education
Belhaven College, 1984

Registrations & Certifications
MDOT LPA Certification

Project Experience

Dedeaux Road Improvements, Gulfport, MS: Responsible for bidding, contracting and construction administration.

East Metro Corridor, Rankin County, MS: Responsible for bidding, contracting and construction administration.

Byram-Clinton Corridor, Hinds County, MS: Responsible for bidding, contracting and construction administration.

Old Canton Road Widening, Ridgeland, MS: Responsible for bidding, contracting and construction administration.

Spillway Road Improvements, Ridgeland, MS: Responsible for bidding, contracting and construction administration.

East County Line Road Widening, Ridgeland, MS: Responsible for bidding, contracting and construction administration.

Highway 51 and Ridgewood Road Intersection Improvements, Ridgeland, MS: Responsible for bidding, contracting and construction administration.

County Line Road Rehabilitation, Ridgeland, MS: Responsible for bidding, contracting and construction administration.

Highway 468 Improvements, Flowood, MS: Responsible for bidding, contracting and construction administration.

Flowood Drive/Liberty Road, Flowood, MS: Responsible for bidding, contracting and construction administration.

WAGGONER

R. David Calvert

Bidding & Contracting

David joined Waggoner in 2020 as the Senior Discipline Manager for Construction Services. He is a skilled project manager, with expertise in estimating, scheduling, surveying, and computer drafting. Mr. Calvert has experience in owner dealings with the Birmingham Airport Authority, Birmingham Board of Education, Birmingham-Jefferson County Transit Authority, United States Army Corps of Engineers, Federal Highway Administration, ATF, ADA, International Water Boundary Commission, Mississippi Department of Transportation, Texas Department of Transportation, City of Atlanta, GA, multiple municipalities, and major utilities. Furthermore, he has expertise in various computer programs, including spreadsheets, word processing, Timberline Cut/Fill, Primavera P6, MicroStation TerraModel, EaglePoint, and AutoCAD.

Professional Registration/ Certifications

Inspector - #T5244

Alabama Department of Transportation Certification #15926 - instatement date 03/19/2019

Asphalt Level Laboratory Level I & II - expire date 12/05/2021

Roadway HMA Pavement Technician - expire date 12/05/2021

ALDOT Concrete Technician - expire date 02/14/2024

ACI Concrete Field Testing - expire date 02/14/2024

Radiation Safety Technician - expire date 12/05/2021

Florida & Louisiana Phosphate Producers site access license - #785428

Transportation Worker Identification Credential (TWIC) - access to secure maritime facilities and vessels through TSA

ATSSA Worksite Traffic Control Supervisor

ATF Blasting Agent Possessor License

Project Experience

STRADA Professional Services: Served as Senior Program Manager for multiple clients and projects within the company, including:

New Birmingham-Jefferson County Transit Authority Intermodal Facility, which houses BJCTA Corporate Offices, Amtrak, Greyhound, Max City Bus System and Megabus.

City of Homewood Wetland Dilineation Program for West Oxmoor Park and Patriot Park.

A.G. Gaston Construction, Inc./Saber Engineering (Birmingham, AL): Served as Director of Construction. Responsible for operations, staffing, and technical work supervision on all of the firm's construction projects. Also responsible for client services, marketing, and business development.

Project work included the following: Program Manager for Birmingham Airport Authority Phase II Expansion, Jefferson County Sewer Expansion Program, City of Birmingham Capital Improvement Program (Street Improvements), Program Management for Birmingham City Schools Construction Program (A.H.Parker & Huffman High Schools), Birmingham Water Works Board Shades Mountain Filter Plant Phase II Upgrade (Constructability Review), Birmingham Water Works Board Long-term Water Resources Development, and U.S. Pipe Mini-mill Site Drainage and Surface Improvements.

W.L. Hailey & Co., Inc.:

Served as the Project Manager for $26 million West Area CSO Tunnel Project in Atlanta, GA.

Served as the Project Manager for a $4.4 million West Area CSO Dichlorination Facilities Project in Atlanta, GA that involved installing electrical, process piping, and pumps at three existing pump stations to fulfill federal consent decree mandates.

Served as the Senior Project Engineer/Project Manager for a $64 million Valley Creek WWTP Tunnel (Phase I, IA, II) Project in Birmingham, AL and for a $6 million Five Mile Creek Sewer Tunnel Project in Fultondale, AL.

WAGGONER

Burns Cooley Dennis, Inc.

Education
Ph.D. – Civil Engineering
Auburn University
1995

M.S. – Civil Engineering
Mississippi State University
1990

B.S. – Civil Engineering
Mississippi State University
1983

Professional Registrations
Professional Engineer: Mississippi

Affiliations
American Society of Civil Engineers – ASCE

National Society of Professional Engineers - NSPE

MS Engineering Society - MES

American Concrete Institute - ACI

American Society for Testing and Materials - ASTM

Association of Asphalt Paving Technologists - AAPT

National Asphalt Pavement Association - NAPA

MS Asphalt Pavement

Association - MAPA

MS Concrete Industries Association - MCIA

MS Road Builders Association - MRBA

RANDY AHLRICH, Ph.D., P.E.

CMET Services Manager / Pavement Engineer

Dr. Ahlrich has over 35 years of experience in the civil engineering profession with emphasis in the areas of pavement design and construction, geotechnical engineering, materials testing and research. Dr. Ahlrich has provided technical assistance to the Army, Air Force, Navy, U.S. Forest Service, MDOT, FHWA, FEMA and FAA on numerous military, state, and federal pavement systems. He has been responsible for planning, developing and coordinating all phases of pavement investigations, inspections, evaluations, designs and research. Dr. Ahlrich has experience in materials testing, asphalt and concrete mix designs, pavement design, pavement construction and pavement evaluation. As a consultant, he has been responsible for conducting subsurface investigations, forensic pavement investigations, Marshall and SUPERPAVE asphalt mix designs, concrete mix designs, pavement inspections and evaluations, structural pavement designs, and trouble-shooting construction and material problems.

Dr. Ahlrich served for 13 years as pavement research engineer in the Airfield and Pavement Division, USAE Waterways Experiment Station, Vicksburg, Mississippi. Major duties included planning and execution of research projects for the DoD, FHWA, FAA and the Forest Service, preparation of proposals and technical reports, coordination and management of a materials laboratory, and field consulting. He has vast experience in all aspects of pavement engineering involving pavement design, construction, evaluation, inspection, materials testing, quality control and assurance, and forensic analysis. He has worked on numerous pavement construction projects involving hot mix asphalt, Portland cement concrete, chemical stabilization, base course placement and subgrade preparation where he served as project engineer and the representative responsible for quality control.

Dr. Ahlrich serves as Construction Materials Engineering and Testing Services Manager at Burns Cooley Dennis and served as laboratory manager of the Materials Research Center as WES which was responsible for materials testing and pavement research. The materials testing included evaluation of aggregates, asphalt materials, joint sealants, geotextiles, and AC and PCC mixtures. Test procedures included standard ASTM and AASHTO methods for asphalt binder materials, Marshall mix design analyses, and SHRP asphalt binder and mix design procedures. Dr. Ahlrich serves a laboratory manager for BCD's AASHTO and Corps of Engineers Accredited laboratory for asphalt, concrete, soils and earthwork materials.

Dr. Ahlrich is Principal In-Charge and Manager of construction materials testing and inspection services for Burns Cooley Dennis, Inc. Dr. Ahlrich has supervised and managed several large, fast-track construction projects that involved significant earthwork construction, concrete construction, asphalt placement, bridge construction and chemical stabilization. Dr. Ahlrich has coordinated several investigations and developed subgrade profiles for several highway, state roads, streets and airport projects. The results of the subgrade profiles have been used to estimate CBR values that have been utilized to conduct structural pavement designs. Dr. Ahlrich has also been responsible for evaluating potential borrow sources for a variety of projects for new roadway embankments and airport pavements. Borrow investigations involve selection of boring locations and laboratory testing that includes Atterberg limits, sieve analyses, compaction tests, and soil classifications.

Dr. Ahlrich served as senior pavement engineer for research studies focused on materials characterization and prediction of permanent deformation of heavy-duty asphalt pavements. Laboratory investigations involved development and evaluation of aggregate particle shape and texture tests, and evaluation of rutting potential of hot mix asphalt mixtures using the confined dynamic creep test and wheel tracking device. Guidance and limiting criteria were developed to ensure high quality rut resistant hot mix asphalt pavements.

Dr. Ahlrich has provided technical assistance to the Army, Air Force, Navy, U.S. Forest Service, FHWA, FAA, paving industry organizations, and A-E firms. This support involved conducting laboratory and field research on various pavement materials and construction techniques. These projects included implementation of new innovative materials such as stone mastic asphalt (SMA), resin modified pavement (RMP), and paving blocks. Dr. Ahlrich has also provided technical assistance for several pavement rehabilitation techniques, including hot and cold mix recycling, cracking and seating PCC pavements prior to AC overlay, installation of geotextile and SAMI interlayers to prevent reflective cracking and microsurfacing. Dr. Ahlrich has participated in a number of research projects sponsored by the Federal Highway Administration, Mississippi DOT, Arkansas DOT, South Dakota DOT, National Cooperative Highway Research Program and Airfield Asphalt Pavement Technology Program.

Dr. Ahlrich has also been active in technology transfer. He has served as an instructor and speaker on numerous seminars and workshops on pavement design, construction, rehabilitation, maintenance and repair. Dr. Ahlrich has been an instructor in several ACI and MCIA seminars emphasizing the design and construction of concrete parking lots. Dr. Ahlrich is also active in teaching and monitoring MDOT, MAPA, MCIA, and ACI certification programs for asphalt and concrete materials technicians.

Dr. Ahlrich has published over fifty (50) technical reports, papers and articles on various subjects relating to pavement materials, design, construction, evaluation, inspection, rehabilitation, and performance. These publications include professional papers in proceedings and journals for the American Society of Civil Engineers (ASCE), American Society for Testing and Materials (ASTM), 8th International Conference on Asphalt Pavements, Transportation Research Board (TRB), Federal Aviation Administration (FAA), Department of Defense (DOD), and a variety of national technical conferences.

Andrew Jenkins

QA/QC

Mr. Jenkins is responsible for the day-to-day management of the business, in addition to marketing, contract negotiation, scheduling, production, inspection and quality control.

Education

Tennessee State University, 1969, Bachelor of Science, Civil Engineering

University of Mississippi, 1974 to 1976, Graduate Studies in Urban and Regional Planning

Project Experience

Director, Fulton County Board of Commissioners, June 1996 to May 1998, Department of Public Works, Atlanta, Georgia: Mr. Jenkins managed the development of a $550,000,000 Capital Improvement Program for Water, Wastewater, Solid Waste, Roads, Bridges and Drainage, while managing the day-to-day operational responsibilities of the Departments' 550 employees and its' $130,000,000 annual operating budget. He was responsible for all public works functions including civil engineering, budget, finance, utility and road construction, transportation and maintenance. Additionally, He was responsible for overseeing the work of subordinate employees who were engaged in performing the numerous tasks and activities of administration, engineering, solid waste and equipment maintenance, water and pollution control, support services, transportation, storm water management and construction divisions of the Public Works Department in providing services for unincorporated and portions of incorporated Fulton County.

Director, Hinds County Board of Supervisors, June 1992 to June 1996, Department of Public Works, Jackson, Mississippi: As Director of the largest County Public Works Department in the State, he was responsible for the construction and maintenance activities of approximately 1000 miles of rural and small urban roads and 323 bridges. He formulated and implemented policy and reviewed, and directed the departmental operations through division directors, who were responsible for maintenance, construction, engineering, and office administration. He supervised activities involving the design and construction of all subdivisions and the approval of utility locations on public right-of-ways, developed the annual budget and the Four (4) Year Road Plan. He also planned and executed activities in conformity with State statutes and within administrative policies.

Planning and Research Engineer, Federal Highway Administration, August 1979 to February 1988, Jackson, Mississippi: Administered the transportation planning and research programs for the Mississippi Division of the Federal Highway Administration.

Aaron Jenkins

Right-of-Way Acquisition

Aaron has 17 years experience as a QA/QC Inspector.

Education

1984, BS Landscape Architecture, Mississippi State University

1981, Building Construction Technology, Mississippi Delta Junior College

Project Experience

Bolton/Brownsville Road, Milling and Paving, Hinds County, MS: Provided correspondence preparation, contract inspection, invoice prep, final invoice documentation, special reporting required to meet FHWA requirements and reports for oversight for the project of milling and overlaying Bolton/Brownsville Road from I-20 South 1300 Feet and Raymond/Bolton Road from Highway 18 to railroad crossing in Bolton, MS. $105,000

Northside Dr/Maddox Road, Milling and Paving, Hinds County, MS: Provided correspondence preparation, contract inspection, invoice prep, final invoice documentation, special reporting required to meet FHWA requirements and reports for oversight for the project of milling and overlaying Northside Drive from Jackson City Limits to Medgar Evers Blvd and Maddox Road from S.R. 18 to J.R. Lynch Street. $2,400,000

Box Culvert Construction, Calhoun County, MS: Provided Construction Oversight and reviewed pay applications for the USACE box culvert installation in Calhoun County, MS. $560,000

Road Resurfacing Program, Claiborne County, MS: Provided Construction Oversight for the Claiborne County Board of Supervisors in MS. $2,000,000

Construction Inspection, City of Vicksburg, MS: Provided Construction Inspection Services for the $2.5 Million City of Vicksburg's North (FY2019) and South Ward (FY2018) Street Resurfacing Project.

Jerriott Smash

Right-of-Way Acquisition

Jerriot currently provides project management administration and coordination for AJA Management and Technical Services. Mr. Smash has a wealth of technical and project management experience from previous roles as the Director and Deputy Director of Public Works for the City of Jackson as well as Manager of Capital Programming for the Jackson Municipal Airport Authority. Mr. Smash is well versed in root cause and decision making, strategic planning, program development and project execution.

Education

BSME, MS Operations Management

Registrations & Certifications

Engineer Intern: Louisiana

Project Experience

Debris Management Services, Claiborne County, MS (2021): Providing coordination of debris removal and monitoring on behalf of Claiborne County related to the February 2021 Ice Storm which has been declared a federal disaster. This storm left debris strewn throughout the county and residents suffered considerable damage due to issues such as loss of water and loss of electricity. In addition, reimbursement submission and tracking are also responsible duties.

Emergency Road and Drainage Repairs, Claiborne County, MS (2020 - present): Serves as key liaison between Claiborne County and FEMA in administering projects to make repairs to one of the most extensively damaged areas in this state due to the flooding events in February and April of this year. Sites exhibited damage including roadways, culverts, bridge crossings, drainage ditches. Interpretation and communication of relevant information related to assessments, schedules, design and implementation plans to major stakeholders is a key ongoing deliverable.

City of Jackson Strategic Infrastructure Improvement Program, Jackson, MS (2019-2020): Aided the facilitation of the research and development of a through infrastructure improvement plan which led to immediate projects which the city was able to start on straight away. Continuing to provide consulting services as need in the scoring and selection of the highest priority projects that benefit the City and its residents.

SAP -11(15)M Overlay Roadway Project (2020): Performed lead construction administration role in coordinating and generating report submissions, conveying inspection concerns including but not limited to site condition variation from plans and contractor questions regarding project execution. Project consisted of asphalt overlay of four (4) county roadways totaling six (6) plus miles. Work took into consideration measures to maintain proper drainage as per the design.

SAP-11(10)S Re-seal Roadway Project (2020): Construction administration project manager accountable for generating report submissions, maintaining communication with engineering team, presenting inspection questions including variations from plans and contractor questions regarding project execution. Project consisted of chip seal paved overlay of three (3) county roadways totaling seven (7) plus miles. Maintaining proper drainage is a key component of this project as per the design.

Angela Jenkins

Right-of-Way Acquisition

Ms. Jenkins presently serves as Senior Project Controls Specialist for AJA Management & Technical Services, Inc. Her primary responsibilities include office management, general administration and engineering coordination and monitoring on all engineering operations, which include quality assurance for projects performed by AJA, Inc.

Ms. Jenkins was responsible for the contract administration of several government agencies which included: coordination, correspondence preparation, special reporting and invoice preparation.

Ms. Jenkins was also responsible for timekeeping, payroll submittal, OSHA reporting, drug testing and background verification checks. On quality assurance projects, she provided assistance in the issuances of safety equipments, cell phone, and verification of automobile insurance.

Ms. Jenkins is extremely computer literate and familiar with a wide variety of hardware and software for spreadsheet (Excel), word processing (Microsoft word), CAD, PowerPoint, and construction specific applications including Primavera and Expedition and experienced in installation functions and operations.

Ms. Jenkins has the knowledge of reporting requirements, invoicing, and correspondence preparation. This portfolio serves to further enhance AJA Management & Technical Services, Inc.'s presence in the field of construction engineering and quality assurance.

Project Experience

FEMA, Blue Roof, Coastal and Central Mississippi

USACE, Box Culvert Installation, Calhoun County, MS

GSA, 2 Federal Courthouse Reno, Oxford, MS and Aberdeen, MS

Veterans Admin, Natchez Cemetery Admin. Renovation, Natchez, MS

MDA, Nissan Plant, Canton, MS

City of Jackson, Waterline Replacement, Jackson, MS

MMEIA, Water Transmission Line, Ridgeland, Madison, Canton, MS

FEMA, Preventative Maintenance Insp., Jackson, Hancock, Harrison Counties

MDOC, Building 2 Regional Prisons, Meridian, MS and Walnut Grove, MS

City of Jackson, Traffic Calming, Jackson, MS

JHCHC, Multiple Health Clinics, Hinds County, MS

City of Bolton, Bolton Milling and Paving , Bolton, MS

MDOT, Northside Dr. Milling & Paving, Jackson, MS

DeJonnette G. King, Ph.D.
President/ CEO

Dr. King has extensive experience in project management and environmental services. Her areas of expertise include project management, construction management, analytical services, data/ review/ management, quality assurance/quality control, water resources, stormwater permits, site assessments, non-point source pollution, asbestos management services (inspections and asbestos abatement), lead management services (inspections, risk assessments, and lead abatement), microbiological assessments and remediation, air quality testing, and hazardous materials management, profiling and disposal.

Education and Training

- Ph.D. in Urban Higher Education, Jackson State University
- ABD. in Chemical Engineering, University of Alabama
- M.B.A. in Marketing/Business Administration, Jackson State University
- M.S. in Biochemistry, Jackson State University
- B.A. in Chemistry, San Francisco State University
- Minority Business Executive Program, Tuck Business School
- Certified Lead Supervisor, MS, LA
- Certified Lead Risk Assessor, MS, AL, AR, LA
- Certified Asbestos Contractor, Supervisor, and Inspector, for MS and LA
- Certified Asbestos Management Planner, LA, MS
- Certified Asbestos Monitorer, MS
- HOME Certified Residential Rehabilitation Housing Inspector, Jackson, MS
- RMD's LPA-1 Lead Paint Inspection System for Radiation Safety
- OSHA 40- hr Hazardous Waste Training (HAZWOPER) and OSHA 8-hr Hazardous Waste Supervisor Training
- ASTM E01527,12-hr Phase I Environmental Site Assessment Training, Nashville, TN
- Industrial Storm Water Sampling Training, Baton Rouge, LA
- Air Quality Training, Baton Rouge, LA
- Mold Inspection/Assessment, HOMETEST, Orlando, FL
- Project Management Training
- Toxicological Evaluations and Risk Assessment, US EPA Region IV, Jackson, MS
- Specialized Computer Training
- Lotus 1,2,3 and MS-DOS, Central Data Processing Authority, Jackson, MS
- Analysis of Volatile Priority Pollutants using the Hall Electrolytic Conductivity Detector and the Photoionization Detector, Tracor Inc., Austin, TX
- Logical Troubleshooting, Hewlett Packard, New Orleans, LA
- Fundamentals of GC, Hewlett Packard, New Orleans, LA
- Autoanalyzer Techniques, Technicon Industrial Systems, Tarrytown, New York. Purge and Trap User School, "Study of Theory and Operation of Concentrations for Volatile Organic Compound Analysis, Cincinnati, OH

Employment Record

Project Manager, Environmental Site Assessments – Managed numerous Phase I Environmental Site Assessment projects, delivered quality reports and remained within budget.

- The University of Southern Mississippi - 22 sites (Jackson, MS)
- C & B Enterprises – 17 Brownfield Sites for the City of Jackson (Jackson, MS)
- Watkins Development LLC – Phase I ESA, Asbestos Inspection and Lien Searches for the Farish Street Project, Buildings L1, L2, J1, and J2 (Jackson, MS)
- City of Jackson – J.R. Lynch Street Projects, Fortification Street Project (EIS Studies)
- Jackson Redevelopment Authority- Phase I ESAs and Asbestos Inspections (Jackson, MS)
- Davis Temple Church of God in Christ- Former Winter Street Cleaners (Jackson, MS)
- Yazoo City Housing Authority –Willows at Gateway, 65 acres of land (Yazoo City, MS)
- M3A Architects – Phase I ESA, Asbestos Inspection, and Lead Based Paint Survey (New Orleans, LA)
- Tallulah Madison Housing Partners – Phase I ESA and Environmental Impact Study for Tallulah Estates, 23 acres of land (Tallulah, LA)
- Atmos Energy –6.4 Parcel of land (Clarksdale, MS)
- Full Spectrum South – Phase I ESA, Environmental Impact Study, Wetland Survey, Vegetation and Wildlife Survey, Cultural and Research Study and Lien Search for the Capital Green Project (Jackson, MS)
- Hinds County Mental Health Commission – The Old Skytel Building (Jackson, MS)

Asbestos abatement projects including residential, commercial and industrial.

- Jackson Public School District-
  Provine High School
  Boyd Elementary School
  Peeples Middle School
  Administrative Building
  Enochs Building
  Blackburn Middle School

Employment Record (Continued)

Project Coordination, Asbestos Abatement
- The University of Mississippi Medical Center - Jackson, MS
- BB General Contractors and Management LLC- DR McCoy Federal Building, Jackson, MS
- Frisch & Associates - Belk Department Store, Greenville, MS
- Matco Construction – Old Word of Faith Church, Clinton, MS
- Canton Housing Authority - Joe Prichard Apartment Homes, Canton, MS
- Entergy Gerald Andrus Facility, Greenville, MS
- Entergy Delta Steam Electric Station, Cleveland, MS
- Cathedral of St. Peter the Apostle, Jackson, MS
- Leflore County School District – Leflore County High School, Itta Bena, MS
- Garrett Enterprises – The Park at Autumn Ridge Apartments, Jackson, MS
- Butts Building Services - Utica, MS
- Magee General Hospital, Magee, MS

Project Manager, Asbestos and Lead – Managed asbestos inspections, lead inspections, and lead risk assessments for various projects.
- Jackson Public School District-
  Isable Elementary School, lead risk assessment
  Watkins Elementary School, lead inspection
  JPSD Administration Building, lead and asbestos inspection
  Johnson Elementary School, lead inspection
  Watkins Elementary School, lead inspection
  Lester Elementary School, asbestos inspection
  Powell Middle School, asbestos inspection
  Baker Elementary School, asbestos inspection
  Brinkley Middle School, asbestos inspection
  Peeples Middle School, asbestos inspection
  Murrah High School, asbestos inspection
- Bettie's A-B-C Childcare - lead risk assessment and lead abatement, Hattiesburg, MS
- M3A Architects – lead inspection, New Orleans, LA
- JBHM Architects – lead inspection, Jackson, MS
- First Baptist Church – lead inspection and lead clearance, Mendenhall, MS
- C & B Enterprises – lead inspections for 17 sites, Jackson, MS
- Entergy Baxter Wilson Plant – asbestos and lead inspections of plant, Cleveland, MS
- MS Air National Guard – asbestos inspection, Jackson, MS
- Koch Foods – asbestos inspection, Brooksville, MS
- Jackson Municipal Airport Authority- asbestos inspection, Old Air Cargo Facility Jackson, MS

Project Manager, Federal Projects – AEC is a current GSA schedule holder and has worked on many federal projects throughout the country. Ms. King has managed and coordinated various federal projects with an array of environmental services.
- Department of Wildlife and Fisheries- Microbiological Assessment, Jackson, MS
- MS Air National Guard- Waste Profiling, Jackson, MS
- Department of the Navy- Asbestos Abatement and Air Monitoring for the Naval Engineering Battalion Command Station, Gulfport, MS
- Meridian Naval Air Station- Asbestos Abatement and Asbestos Air Monitoring at Pittman Theater, Meridian, MS
- Columbus Air Force Base- Asbestos Inspection Services for 77 housing units in Magnolia Village, Columbus, MS
- US Environmental Protection Agency- EPA Region 10 Laboratory Waste Disposal, Corvallis, OR and Port Orchard, WA
- Department of the Army- Preparation of SWPPP, Asbestos Abatement and Asbestos Air Monitoring, Millington, TN
- US Department of the Interior: National Park Services- Asbestos Abatement and Asbestos Air Monitoring at National Park Services, Vicksburg, MS
- Bureau of Land Management-Microbiological Assessment , Jackson, MS
- Mississippi Development Authority-Project Management and Environmental Services-MS Gulf Coast, Hurricane Katrina.

PROOFS AND CERTIFICATIONS

MISSISSIPPI

Board of Licensure for Professional Engineers and Surveyors

Find Licensee

Contact Us

Firm Details

Firm Name: Waggoner Engineering, Inc

Address: 143a Lefleurs Square
Jackson MS 39211

County: Hinds

Phone: 601-355-9526

License Type: Certificate of Authority (Engineering)

License Number: 444

Expires on: 12/31/2021

Designated Licensee: Mr.Joe Ayres Waggoner (PE-6919)

License Type: Certificate of Authority (Surveying)

License Number: 117

Expires on: 12/31/2021

Designated Licensee: Mr.Joe Ayres Waggoner (PS-2327)

MISSISSIPPI

Board of Licensure for Professional Engineers and Surveyors

Find Licensee

Contact Us

Licensee Details

Name: Mr.Alex Hayden Overby

Address: 109 Bain Road
Brandon MS 39042

County: Mississippi

Phone: 601-260-0217

Employer:

License Type: Professional Engineer

License Number: 29614

Expires on: 12/31/2021

THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION

hereby recognizes

Hayden Overby

Waggoner Engineering

for completing 7 Professional Development Hours during

The Local Public Agency Process Training & Certification.

April 21, 2021

Date Certificate valid
for two years from date
of issue

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
LOCAL TECHNICAL ASSISTANCE PROGRAM

Shirley Johnson
MS LTAP Director

THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION

hereby recognizes

Jamie McInnis

Waggoner Engineering

for completing 7 Professional Development Hours during

The Local Public Agency Process Training & Certification.

APRIL 21, 2021

DATE CERTIFICATE VALID FOR TWO YEARS FROM DATE OF ISSUE

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
LOCAL TECHNICAL ASSISTANCE PROGRAM

Shirley Johnson

SHIRLEY JOHNSON
MS LTAP DIRECTOR

the city of RIDGELAND

public works

MEMORANDUM

TO: Mayor Gene F. McGee and Board of Aldermen

FROM: Christopher W. Bryson, P.E., City Engineer

DATE: July 14, 2021

RE: **CE&I CONTRACT AMENDMENT #2**
Waggoner Engineering, Inc.
Construction Engineering & Inspection (CE&I) Professional Services
2019 City Center Site Development Professional Services Agreement
Account No. 390-601-750
City of Ridgeland, Madison County, Mississippi

We respectfully request the Mayor and Board of Aldermen approve the proposed Contract Amendment No. 2 to the subject professional services agreement with Waggoner Engineering, Inc. dated April 2, 2019. The Consultant has submitted the attached to request their contract be increased by an amount of *$26,000.00* for continuting to provide CE&I services during the additional *38-calendar day* period proposed in Construction Contract Change Order No. 1 with Hemphill Construction Company, Inc. Approval of this Contract Amendment No. 2 will increase the Total Contract Amount to *$783,000.00.*

Upon your approval, the Mayor will execute the attached documents and return to the Public Works Department for further distribution.

Thank you for your consideration of our request. Please contact me if you have any questions.

Cc: John M. McCollum, Public Works Director

mailing address: p.o. box 217 · ridgeland, ms 39158
street address: 304 highway 51 · ridgeland, ms 39157
ph. 601.853.2027 · fax: 601.853.2019 · www.ridgelandms.org

Gene F. McGee, cmo - mayor · John M. McCollum - director of public works

board of aldermen: D.I. Smith, cmo - at-large · Ken Heard, cmo - ward 1 · Chuck Gautier, cmo - ward 2
Kevin Holder, cmo, mayor pro tempore - ward 3 · Brian P. Ramsey, cmo - ward 4 · Bill Lee - ward 5 · Wesley Hamlin, cmo - ward 6

PROFESSIONAL SERVICES AGREEMENT AMENDMENT #2

PROJECT NAME: **2019 City Center Site Development**

This Amendment is by and between

City of Ridgeland
Post Office Box 217
Ridgeland, MS 39158-0217

hereafter referred to as the "Client", and

Waggoner Engineering, Inc. (WEI)
143-A LeFleurs Square
P.O. Box 12227
Jackson, Mississippi 39236-2227

WHEREAS, Client and WEI entered into a Professional Services Agreement (Agreement) on April 2, 2019, and

WHEREAS, the Hemphill Construction Company, Inc. has requested 38 calendar days for Change Order No.1 that includes work necessary to add the parking area referenced in Construction Documents Revision No. 1. Additional compensation is required to extend Construction Phase Services for 38 days.

THEREFORE, both parties mutually agree as follows:

Amend and replace Exhibit C – Compensation Schedule, with the attached revised edition

All other sections of the original Agreement not amended shall remain in full force and in effect for the duration of this amended period.

APPROVED FOR
Waggoner Engineering, Inc.

By: Hunter T. Arnold
Printed Name: Hunter Arnold, PE
Title: Vice President
Date: 7/13/21

APPROVED FOR
City of Ridgeland

By: _____
Printed Name: Gene F. McGee
Title: Mayor, City of Ridgeland
Date: _____

Exhibit C
Waggoner Engineering, Inc.
Compensation Schedule

WEI will perform Design Phase Services, as outlined in Exhibit A, Scope of Work, on a lump sum basis. Bidding, Contracting and Construction Phase Services, Special Services, and Reimbursables, unless marked otherwise below, will be billed on an hourly basis as per the attached Exhibit B, Hourly Rate Schedule. The estimated costs for each portion of work are as follows:

	Current Budget	Revised Budget
Design Phase Services	**$ 364,000**	**$ 364,000**
City Hall Site Development	155,000	155,000
School Street/US Highway 51	54,250	54,250
Rice Road Extension	154,750	154,750
Special Services	**33,000**	**33,000**
Topographic Surveying and Mapping	11,000	11,000
Utility Relocation Coordination*	10,000	10,000
MDOT/NTP Permitting*	12,000	12,000
Bidding, Contracting, & Construction Phase Services**	**360,000**	**386,000**
Additional Services	**Hourly as Requested**	**Hourly as Requested**
TOTAL	**$ 757,000**	**$ 783,000**

* Should extensive coordination with the Mississippi Department of Transportation, Natchez Trace Parkway, or private utilities be required, it may be necessary to revise this Agreement to reflect these additional efforts.

** Should the construction period extend beyond the expected periods described in Exhibit D, it may be necessary to revise this Agreement to reflect additional Construction service efforts necessary to complete the project. This budget also assumes the entire projects will be bid together. If overall project is executed in multiple bid packages, it may be necessary to revise this agreement to reflect additional Bidding, Contracting, and Construction Phase services.

the city of RIDGELAND

public works

MEMORANDUM

TO: Mayor Gene F. McGee and Board of Aldermen

FROM: Christopher W. Bryson, P.E., City Engineer

DATE: July 14, 2021

RE: **CONTRACTOR CHANGE ORDER NO. 1**
Hemphill Construction Company, Inc.
Rice Road Extension
Account No. 390-601-750
City of Ridgeland, Madison County, Mississippi

We respectfully request the Mayor and Board of Aldermen approve the proposed Change Order No. 1 to the construction contract with Hemphill Construction Company, Inc. for the subject project resulting in a total cost increase to the project in the amount of *$141,987.00*.

The purpose of this change order is to increase existing pay item quantities and create new pay items for the installation of an additional parking area connected to Rice Road extension on the north side of the existing City Hall parking lot, and make certain drainage improvements along the existing City Hall drive aisle. Approval of this change order will increase the Total Contract Amount to *$2,237,654.45* and increase the Total Contract Time to 248-calendar days. The additional 38-calendar days are required to complete the increased scope of work.

This Change Order No. 1 has been reviewed and approved by the Construction Engineer and Contractor. Upon your approval, the Mayor will execute the change order documents that have been signed by the Engineer and Contractor. Once this agreement has been fully executed, these new pay items will be added to the contract, and work will be eligible to begin.

Thank you for your consideration of our request. Please contact me if you have any questions.

Cc: John M. McCollum, Public Works Director

mailing address: p.o. box 217 · ridgeland, ms 39158
street address: 304 highway 51 · ridgeland, ms 39157
ph: 601.853.2027 · fax: 601.853.2019 · www.ridgelandms.org

Gene F. McGee, cmo - mayor · John M. McCollum - director of public works

board of aldermen: D.I. Smith, cmo - at-large • Ken Heard, cmo - ward 1 • Chuck Gautier, cmo - ward 2
Kevin Holder, cmo, mayor pro tempore - ward 3 • Brian P. Ramsey, cmo - ward 4 • Bill Lee - ward 5 • Wesley Hamlin, cmo - ward 6

CONSTRUCTION CONTRACT MODIFICATION

Change Order No.: **ONE (1)** Date: June 21, 2021 WEI No.: 19127.003

Name of Project: Rice Road Extension

Owner: City of Ridgeland

Contractor: Hemphill Construction Company, Inc.

Agreement Date: March 15, 2021 Contract Time: 210 Calendar Days

Contract Start Date: April 12, 2021 Original Completion Date: November 7, 2021

Contract Time (**Increased**) (~~Decreased~~) By: Thirty-eight (38) Calendar Days

Revised Contract Completion Date: December 15, 2021

BREAKDOWN OF PROPOSED CHANGE

ITEM NO.	ITEM DESCRIPTION	ITEM UNIT	UNIT PRICE	CONTRACT QUANTITY	REVISED CONTRACT QUANTITY	CHANGE ORDER QUANTITY	CHANGE ORDER AMOUNT

See Attachment A

STATEMENT OF JUSTIFICATION:

Revisions made in CDR No. 1 to mitigate encountered site conditions.

Total Change - (**Increase**) (~~Decrease~~)	$ 141,987.00		
Original Contract Amount	$ 2,095,667.45	Original Contract Time	210
Contract Amount Revised by Previous Change Order	$ -	Total Change	38
Proposed Revised Contract Amount	**$ 2,237,654.45**	Revised Contract Time	248

Requested By: City of Ridgeland

By: _____ Title: Mayor Date: _____

Gene F. McGee

Recommended By: Waggoner Engineering, Inc.

By: _____ Title: Sr. Project Manager Date: 6/30/2021

Hayden Overby, P.E.

Accepted By: Hemphill Construction Company, Inc.

By: _____ Title: President Date: 6/30/2021

Richard A. Rula

ATTACHMENT A
BREAKDOWN OF PROPOSED CHANGE

City of Ridgeland, MS
Rice Road Extension
WEI #019127

ITEM NO.	ITEM DESCRIPTION	ITEM UNIT	UNIT PRICE	CONTRACT QUANTITY	REVISED CONTRACT QUANTITY	CHANGE ORDER QUANTITY	CHANGE ORDER AMOUNT
Additional City Center Parking Lot - East							
203-EX020	Borrow Excavation, AH, FME, Class B15	CY	$12.50	17500	18600	1100	13,750.00
203-G001	Excess Excavation, FM, AH	CY	$9.00	20550	22550	2000	18,000.00
216-A001	Solid Sodding	SY	$5.50	1500	1700	200	1,100.00
225-A001	Grassing	AC	$3,000.00	1	1.1	0.1	300.00
234-A001	Temporary Silt Fence	LF	$3.75	3720	3870	150	562.50
237-A002	Wattles, 20"	LF	$8.00	600	660	60	480.00
307-C002	12" Soil-Lime-Water Mixing, Class C	SY	$4.00	6325	7316	991	3,964.00
307-D001	Lime	TON	$240.00	171	196	25	6,000.00
403-A005	19-mm, MT, Asphalt Pavement	TON	$95.00	1995	2183	188	17,860.00
403-A014	9.5-mm, MT, Asphalt Pavement	TON	$105.00	930	1024	94	9,870.00
407-A001	Asphalt for Tack Coat	GAL	$4.00	1640	1768	128	512.00
503-C010	Saw Cut, Full Depth	LF	$7.00	144	194	50	350.00
601-B001	Class "B" Structural Concrete, Minor Structures	CY	$1,500.00	120	122.24	2.24	3,360.00
602-A001	Reinforcing Steel	LB	$0.50	9713	9819	106	53.00
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	$41.00	2864	2902	38	1,558.00
604-A001	Castings	LB	$3.60	2686	2930	244	878.40
604-B001	Gratings	LB	$3.60	254	454	200	720.00
630-C003	Square Tube Post, 3.0 LB/FT	LF	$11.55	114	184	70	808.50
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	$11.55	71	116	45	519.75
609-D011	Combination Concrete Curb and Gutter, Type 3A (CO#1) 24" wide	LF	$27.00	0	253	253	6,831.00
625-E001	Combination Concrete Curb and Gutter, Type 3A (CO#1) 30" wide	LF	$28.35	0	36	36	1,020.60
625-E001	Detail Traffic Stripe (CO#1) (Thermoplastic)	LF	$2.50	0	546	546	1,365.00
97-258-N001	Car Stop (CO#1) (plans show 4 each)	EA	$135.00	0	4	4	540.00
683-A000	Electrical Fixture (CO#1)	EA	$3,100.00	0	1	1	3,100.00
699-A001	Add Parking Lot - Roadway Construction Survey	EA	$1,500.00	0	1	1	1,500.00
	Subtotal						$ 95,002.75
Additional City Center Parking Lot - West							
503-C010	Saw Cut, Full Depth	LF	$7.00	144	497	353	2,471.00
202-B188	Removal of Pavement, All Types & Depths	SY	$21.00	280	310	30	630.00
203-EX020	Borrow Excavation, AH, FME, Class B15	CY	$12.50	17500	17660	160	2,000.00
216-A001	Solid Sodding	SY	$5.50	1500	1580	80	440.00
225-A001	Grassing	AC	$3,000.00	1	1.5	0.5	1,500.00
234-A001	Temporary Silt Fence	LF	$3.75	3720	4073	353	1,323.75
237-A002	Wattles, 20"	LF	$8.00	600	640	40	320.00
221-A001	Concrete Paved Ditch (CO#1)	CY	$795.00	0	4	4	3,180.00
609-D011	Combination Concrete Curb and Gutter, Type 3A (CO#1) 24" wide	LF	$36.50	0	353	353	12,884.50
815-A001	Loose RipRap, Nominal 6" (CO#1)	TON	$100.00	0	4	4	400.00
815-E001	Geotextile Under RipRap (CO#1)	SY	$5.00	0	7	7	35.00
	Subtotal						$ 25,184.25

ATTACHMENT A
BREAKDOWN OF PROPOSED CHANGE

City of Ridgeland, MS
Rice Road Extension
WEI #019127

ITEM NO.	ITEM DESCRIPTION	ITEM UNIT	UNIT PRICE	CONTRACT QUANTITY	REVISED CONTRACT QUANTITY	CHANGE ORDER QUANTITY	CHANGE ORDER AMOUNT
Change Curb & Gutter along Rice Road Extension							
609-D012	Combination Concrete Curb and Gutter, Type 3A Modified (18"-30" wide)	LF	$24.00	3500	0	-3500	(84,000.00)
609-D013	Combination Concrete Curb and Gutter, Type 3A Modified (30" wide)	SY	$28.35	0	3500	3500	99,225.00
	Subtotal						$ 15,225.00
Cut Out Existing Top of Concrete Junction Box, Clean Out Roadside Ditch & Rip Rap							
800-A100	Remove Top of Existing Junction Box (saw cut off top)	EA	$1,775.00	0	1	1	1,775.00
800-A99	Regrade/Cleanout existing Roadside Ditch (300' north / 200' south)	LF	$6.00	0	500	500	3,000.00
800-A100	Install RipRap around existing Junction Box and Ditch - Grout RipRap	TON	$90.00	0	20	20	1,800.00
	Subtotal						$ 6,575.00
	TOTAL CHANGE ORDER NO. ONE (1)						**$ 141,987.00**

CONSTRUCTION CONTRACT MODIFICATION

Contractor: HEMPHILL CONSTRUCTION COMPANY, INC.
Change Order No.: ONE (1)
Contract Time: INCREASE 38 CALENDAR DAYS

ITEM NO.	ITEM DESCRIPTION	ITEM UNIT	UNIT PRICE	CONTRACT QUANTITY	REVISED CONTRACT QUANTITY	CHANGE ORDER QUANTITY	CHANGE ORDER AMOUNT
Additional City Center Parking Lot - East							
203-EX020	Borrow Excavation, AH, FME, Class B15	CY	$12.50	17,500	18,600	1,100	$13,750.00
203-G001	Excess Excavation, FM, AH	CY	$9.00	20,550	22,550	2,000	$18,000.00
216-A001	Solid Sodding	SY	$5.50	1,500	1,700	200	$1,100.00
225-A001	Grassing	AC	$3,000.00	1.00	1.10	0.10	$300.00
234-A001	Temporary Silt Fence	LF	$3.75	3,720	3,870	150	$562.50
237-A002	Wattles, 20"	LF	$8.00	600	660	60	$480.00
307-C002	12" Soil-Lime-Water Mixing, Class C	SY	$4.00	6,325	7,316	991	$3,964.00
307-D001	Lime	TON	$240.00	171	196	25	$6,000.00
403-A005	19-mm, MT, Asphalt Pavement	TON	$95.00	1,995	2,183	188	$17,860.00
403-A014	9.5-mm, MT, Asphalt Pavement	TON	$105.00	930	1,024	94	$9,870.00
407-A001	Asphalt for Tack Coat	GAL	$4.00	1,640	1,768	128	$512.00
503-C010	Saw Cut, Full Depth	LF	$7.00	144	194	50	$350.00
601-B001	Class "B" Structural Concrete, Minor Structures	CY	$1,500.00	120.00	122.24	2.24	$3,360.00
602-A001	Reinforcing Steel	LB	$0.50	9,713	9,819	106	$53.00
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	$41.00	2,864	2,902	38	$1,558.00
604-A001	Castings	LB	$3.60	2,686	2,930	244	$878.40
604-B001	Gratings	LB	$3.60	254	454	200	$720.00
630-C003	Square Tube Post, 3.0 LB/FT	LF	$11.55	114	184	70	$808.50
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	$11.55	71	116	45	$519.75
	Additional Pay Items						
609-D011	Combination Concrete Curb and Gutter, Type 3A (CO#1) 24" wide	LF	$27.00	0	253	253	$6,831.00
609-D012	Combination Concrete Curb and Gutter, Type 3A (CO#1) 30" wide	LF	$28.35	0	36	36	$1,020.60
625-E001	Detail Traffic Stripe (CO#1) (Thermoplastic)	LF	$2.50	0	546	546	$1,365.00
97-258-N001	Car Stop (CO#1) (plans show 4 each)	EA	$135.00	0	4	4	$540.00
683-A000	Electrical Fixture (CO#1)	EA	$3,100.00	0	1	1	$3,100.00
699-A001	Add Parking Lot - Roadway Construction Survey	EA	$1,500.00	0	1	1	$1,500.00

Additional Contract Construction Time to install New Parking Lot = 30 Calendar Days **Total Cost = $95,002.75**

ITEM NO.	ITEM DESCRIPTION	ITEM UNIT	UNIT PRICE	CONTRACT QUANTITY	REVISED CONTRACT QUANTITY	CHANGE ORDER QUANTITY	CHANGE ORDER AMOUNT
Additional City Center Parking Lot - West							
503-C010	Saw Cut, Full Depth	LF	$7.00	144	497	353	$2,471.00
202-B188	Removal of Pavement, All Types & Depths	SY	$21.00	280	310	30	$630.00
203-EX020	Borrow Excavation, AH, FME, Class B15	CY	$12.50	17,500	17,660	160	$2,000.00
216-A001	Solid Sodding	SY	$5.50	1,500	1,580	80	$440.00
225-A001	Grassing	AC	$3,000.00	1.00	1.50	0.50	$1,500.00
234-A001	Temporary Silt Fence	LF	$3.75	3,720	4,073	353	$1,323.75
237-A002	Wattles, 20"	LF	$8.00	600	640	40	$320.00
	Additional Pay Items						
221-A001	Concrete Paved Ditch (CO#1)	CY	$795.00	0	4	4	$3,180.00
609-D011	Combination Concrete Curb and Gutter, Type 3A (CO#1) 24" wide (This Curb & Gutter will have to be hand formed - No machine work)	LF	$36.50	0	353	353	$12,884.50
815-A001	Loose RipRap, Nominal 6" (CO#1)	TON	$100.00	0	4	4	$400.00
815-E001	Geotextile Under RipRap (CO#1)	SY	$5.00	0	7	7	$35.00

Additional Contract Construction Time to install New Curb & Flumes = 6 Calendar Days **Total Cost = $25,184.25**

ITEM NO.	ITEM DESCRIPTION	ITEM UNIT	UNIT PRICE	CONTRACT QUANTITY	REVISED CONTRACT QUANTITY	CHANGE ORDER QUANTITY	CHANGE ORDER AMOUNT
Change Curb & Gutter along Rice Road Extension							
	Delete						
609-D012	Comb. Concrete Curb and Gutter, Type 3A Modified (18"-30" wide)	LF	$24.00	3,500	0	-3,500	($84,000.00)
	Add						
609-D012	Comb. Concrete Curb and Gutter, Type 3A Modified (30" wide)	LF	$28.35	0	3,500	3,500	$99,225.00

Additional Contract Construction Time to install New Parking Lot = 0 Calendar Days **Total Additional Cost = $15,225.00**

ITEM NO.	ITEM DESCRIPTION	ITEM UNIT	UNIT PRICE	CONTRACT QUANTITY	REVISED CONTRACT QUANTITY	CHANGE ORDER QUANTITY	CHANGE ORDER AMOUNT
Junction Box Modification							
	Remove top of existing junction box (saw cut off top)	EA	$1,775.00	0	1	1	$1,775.00
	Regrade/Cleanout existing ROADSIDE Ditch (300' North/200' South)	EA	$2,999.00	0	1	1	$2,999.00
	Install RipRap around existing Junction Box and Ditch - Grout RipRap	EA	$1,794.00	0	1	1	$1,794.00

Additional Contract Construction Time for Junction Box Modification= 2 Calendar Days **Total Cost = $6,568.00**

CONSTRUCTION DOCUMENTS REVISION (CDR)

WAGGONER

City of Ridgeland
Rice Road Extension

Contractor: Hemphill Construction Company, Inc.

Date: May 18, 2021 CDR No.: 1.0

To: Tim Temple

Re: Contract Drawing: _____

Shop Drawing: _____

Specification: _____

Other: _____

Subject: Additional parking area, drainage changes, & lane transition change

Description: The Owner proposes adding an additional parking as shown on sheets C1.0, C2.0, C2.1, C2.2, C3.0, C3.1, & C3.2. The inlets located at STA 14+90 LT & RT are to be removed from the project. A smother transition is proposed at station 21+00 as shown on sheet 21a. (The changes proposed hereunder are not to be incorporated into the Contract Work until approval is indicated by a Contract Change Order or a Construction Change Directive. Prior to performing any, or further, Work affected by this CDR, notify the Engineer in writing of affected Work to be performed sufficiently in advance to allow for issuing of a Directive.)

Add Sheets C1.0, C2.0, C2.1, C2.2, C3.0, C3.1, & C3.2.

Remove the inlets located at STA 14+90 LT & RT

Replace Sheet 21 Intersection Detail with Sheet 21a

Decorative poles are to be used for the signage shown on Sheet 22. The type of poles are to be as directed by the owner and paid under pay item 630-C003A.

Attachments
Plan Sheets C1.0, C2.0, C2.1, C2.2, C3.0, C3.1, & C3.2
Sheet 21a

ALEX HAYDEN OVERBY
LICENSED PROFESSIONAL ENGINEER
29614
5-18-21
STATE OF MISSISSIPPI

QUANTITY SHEET

PROJECT: H21022-RICE ROAD EXT. CHANGE ORDER 1 **ESTIMATOR:** TIM

LOCATION: RIDGELAND, MS **TAKEOFF BY:** BRIAN

CLASSIFICATION: Pavement Quantities **ARCHITECT/ENGINEER:** WAGGONER

FACTORS:

HEMPHILL

115 PCF Material
6 % by Volume

Description	ST 9.5 mm SURFACE COURSE				ST 19 mm BASE COURSE				PORTLAND CEMENT CONCRETE				LIME			
	Depth (in)	Area (SF)	Calculated (SY)	Calculated (Tons)	Depth (in)	Area (SF)	Calculated (SY)	Calculated (Tons)	Depth (in)	Area (SF)	Calculated (SY)	Calculated (CY)	Depth (in)	Area (SF)	Calculated (SY)	Calculated (TONS)
PAVEMENT ASPHALT																
PARKING LOT	2.00	7,566.92	840.77	92.48	4.00	7,566.92	840.77	184.97		-	-	-	12.00	8,917.81	990.87	30.77
		-	-	-		-	-	-		-	-	-		-	-	-
SUBTOTAL		7,566.92	840.77	92.48		7,566.92	840.77	184.97		0.00	0.00	0.00		8,917.81	990.87	30.77
24" CONCRETE APRON FOR INLETS																
PARKING LOT		-	-	-		-	-	-	4.00	17.12	1.90	0.21		-	-	-
PARKING LOT		-	-	-		-	-	-	4.00	29.91	3.32	0.37		-	-	-
		-	-	-		-	-	-		-	-	-		-	-	-
SUBTOTAL		0.00	0.00	0.00		0.00	0.00	0.00		47.03	5.22	0.58		0.00	0.00	0.00
CONCRETE FLUMES																
FLUME		-	-	-		-	-	-	4.00	110.71	12.30	1.37		-	-	-
FLUME		-	-	-		-	-	-	4.00	180.41	20.05	2.23		-	-	-
		-	-	-		-	-	-		-	-	-		-	-	-
		-	-	-		-	-	-		-	-	-		-	-	-
		-	-	-		-	-	-		-	-	-		-	-	-
SUBTOTAL		0.00	0.00	0.00		0.00	0.00	0.00		291.12	32.35	3.60		0.00	0.00	0.00
TOTALS:		7,566.92	840.77	92.48		7,566.92	840.77	184.97		338.15	37.57	4.18		8,917.81	990.87	30.77

T:\H21022-RICE ROAD RIDGELAND\12-CADD-Survey\PDF\H21022-RICE ROAD EXT. CHANGE ORDER NO. 1 EARTHWORK SUMMARY.xlsx
6/10/2021 11:30 AM

OG STRIPPED VS. FD IMPROVEMENTS - UNDERCUT

Areas of Interest

AOI Name	Total Area (ft²)		
PARKING LOT / EXCAVATION / UNDERCUT	10,065.00		
TOTAL	10,065.00	SF. 0.23	AC.
TOTAL ACCUGRADE AREA	1,118.33	SY.	

Area-Limited Topsoil Volumes (CY)

AOI Name	
PARKING LOT / EXCAVATION / UNDERCUT	123.70
TOTAL STRIPPING VOLUME (NOT INCLUDED IN CUT VOLUMES BELOW)	123.70

Volumes per Areas of Interest (CY)

AOI Name	Available Bank Cut	Compacted Fill
PARKING LOT / EXCAVATION / UNDERCUT	1,708.00	1.60
TOTAL	1,708.00	1.60

Site Improvement Category - Mass Earthworks (CY)

AOI Name	Site Improvement Name	Undercut
PARKING LOT / EXCAVATION / UNDERCUT	36" SELECT FILL AT UNDERCUT	955.90
	TOTAL UNDERCUT VOLUME	955.90

TOTAL CUT	TOTAL FILL
1,708.00	957.50
EXCESS/DEFICIT	
750.50	

EXCAVATION/UNDERCUT
124 cy
1708 cy
1832 cy
x 1.10
± 2,000 cy-FM

SELECT FILL 36"
957.50 cy
x 1.15
± 1,100 cy-FM

CHANGE ODER NO. 1 - OG STRIPPED VS FD IMPROVEMENTS UNDERCUT

NOTE:

CONTRACTOR TO PROVIDE POSITIVE DRAINAGE FOR ALL DISTURBED AREAS.

~~1.2C 0.3C 0.3C 0.4C 0.5C 0.6C 0.6C 0.5C 0.5C 0.4C 0.4C 0.3C 0.3C 0.2C~~

1.2C 4.9C 5.3C 5.2C 5.3C 5.4C 5.4C 5.4C 5.5C 5.4C 5.4C 5.4C 5.4C 1.3C

5.0C 5.2C 5.2C 5.2C 5.3C 5.4C 5.4C 5.4C 5.4C 5.4C 5.4C 5.3C 5.2C 1.2C

5.2C 5.2C 5.2C 5.2C 5.3C 5.3C 5.4C 5.4C 5.4C 5.4C 5.3C 5.2C 5.2C 5.1C

5.0C 5.1C 5.2C 5.3C 5.3C 5.4C 5.4C 5.4C 5.4C 5.4C 5.3C 5.2C 5.1C 5.0C

4.5C 4.9C 5.2C 5.3C 5.3C 5.4C 5.4C 5.4C 5.4C 5.4C 5.3C 5.2C 5.1C 4.5C

5.2C 1.1C 5.0C 5.2C 5.3C 5.4C 5.4C 5.4C 5.4C 5.4C 5.3C 5.3C 5.2C 5.2C 1.1C

20 ft

WAGGONER

Inspire. Engage. Deliver.

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www.waggonerengineering.com
1-800-861-3733

RICE ROAD EXTENSION
CITY CENTER ADDITIONAL PARKING
CITY OF RIDGELAND, MS
PROJECT #0019127.003

DRAWING REVISIONS

NO	REQUIRES	DATE

ADDITIONAL PARKING: GRADING & DRAINAGE

C1.0

HEMPHILL CONSTRUCTION COMPANY INC.
1858 HWY. 49 SOUTH
P.O. BOX 879
FLORENCE, MISSISSIPPI 39073

Phone: 601.932.2060
Fax: 601.932.2550
www.hemphillconstruction.com

Project file data		Coordinate System	
Name:	T:\H21022-RICE ROAD RIDGELAND\12-CADD-Survey\21-05-21 CHANGE ORDER NO. 1 - OG STRIPPED VS PG IMPROVEMENTS UNDERCUT.vce	Name:	US State Plane 1983
Size:	48 KB	Datum:	NAD 1983 (Conus)
Modified:	5/21/2021 10:22:41 AM (UTC:-5)	Zone:	Mississippi West 2302
Time zone:	Central Standard Time	Geoid:	
Reference number:		Vertical datum:	
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
Comment 3:			

Takeoff Quantities Report

Concise report format

Areas of Interest

AOI Name	Number of Boundaries	Total Area (ft²)
PARKING LOT	1	10,065.0

Mass Earthwork Analysis

The prepared original mass earthwork surface is compared to the finished mass earthwork surface.

Surface Names and Classifications

OG with topsoil stripped (& subgrades demolished)	Classification: Mass earthwork prepped
FD with subgrades adjusted	Classification: Mass earthwork finished

Volumes per Material (yd³)

Earthen Materials	Available Bank Cut
Area of Interest: PARKING LOT	
Undefined	1,708.0
Total	1,708.0

Volumes for the Single Area of Interest (yd³)

Area of Interest	Available Bank Cut	Compacted Fill Required	Excess/Deficit
PARKING LOT	1,708.0	1.6	1,706.4

The mass earthwork analysis for the subject area of interest, considering bank volumes only, indicates a requirement for offsite waste of excess material.

Excess volume: **1,706.4 yd³**

Mass Earthwork Statistics

Area of Interest: PARKING LOT

	Depth (ft)		Northing	Easting
Maximum cut depth	5.528	at	1062948.142	2357979.861
Maximum fill height	0.572	at	1063015.404	2358043.838
Average cut depth	3.360			
Average fill depth	0.259			
	Area (ft^2)		**Area (AC)**	
Total area in cut	9,810.2		0.2	
Total area in fill	225.9		0.0	
Bank volume cut/fill ratio	1067.50			

Topsoil Handling

Topsoil Earthen Material Properties

Density Variation Percentages

Usage	Topsoil Material Name	Shrinkage	Hauling Bulkage	Hauling Compaction
Stripped	Undefined	0.0%	0.0%	0.0%

Topsoil Stripping

Thickness (in)	Name	Contributing Area (ft²)
Area of Interest: PARKING LOT		
4.0	<unnamed>	10,021.7

Area-Limited Topsoil Volumes (yd³)

Topsoil Stripping

Area of Interest	Topsoil Material	Richness Grade	Available Bank Stripping	Loose Haulage/Stockpile	Replacement Supplied
PARKING LOT	Undefined	Unknown	123.7	123.7	123.7

Handling Summary (by Material)

Area of Interest	Topsoil Material	Richness Grade	Stripped	Borrowed	Wasted
PARKING LOT	Undefined	Unknown	123.7	0.0	123.7
PARKING LOT	Undefined	Unknown	123.7	0.0	123.7

Site Improvement Quantities

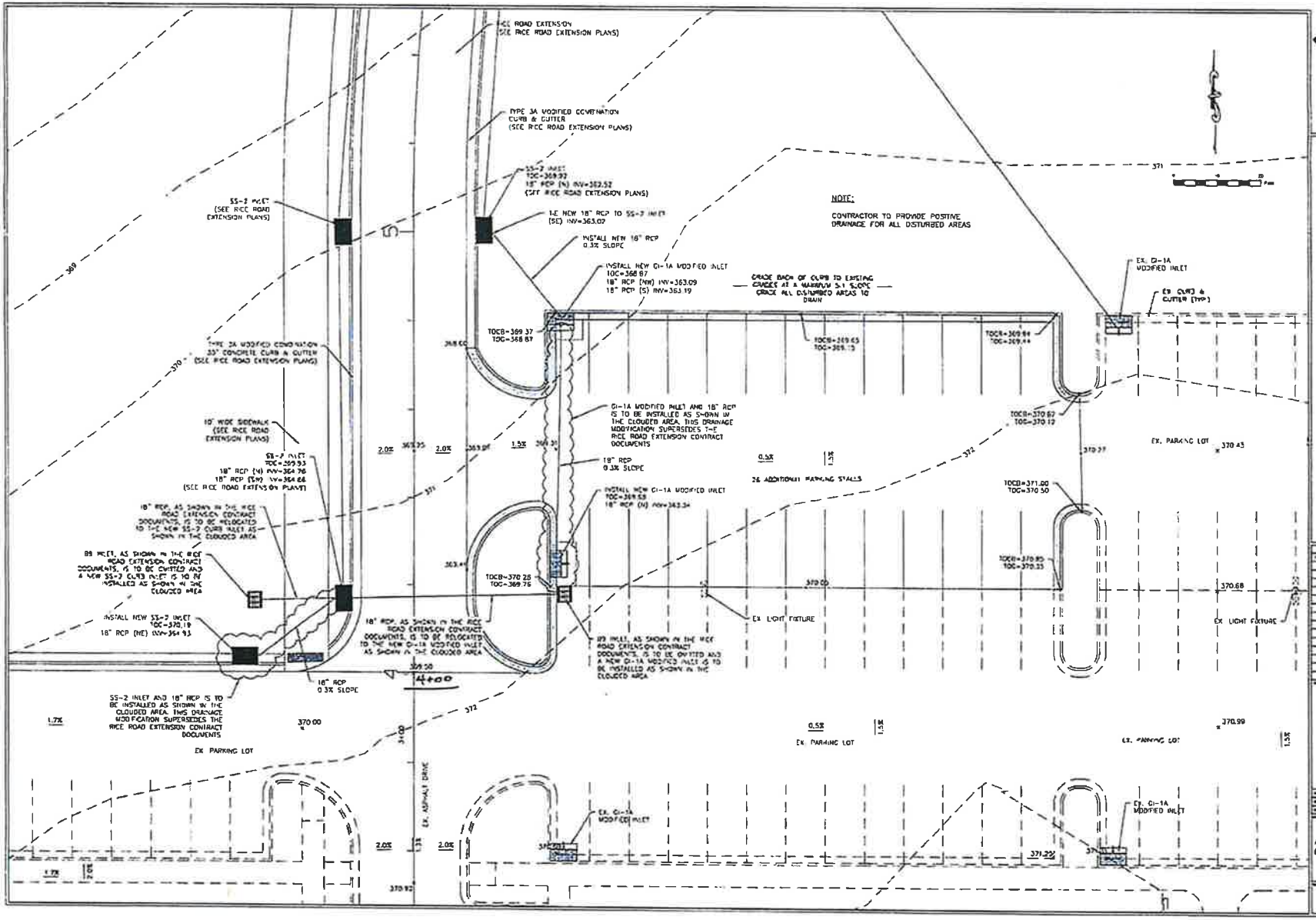
Area-Based Site Improvements

Site Improvement Name / Material Category: Name	Takeoff Category	Area	Material Thickness	Material Volume
Site Improvement Category: Pavement				
Area of Interest: PARKING LOT				
Asphalt Undercut	Design	955.9 yd² (plan)		
Asphalt: HT 9.5 mm			2.0 in	53.1 yd³
Asphalt: HT 19 mm			4.0 in	106.2 yd³
Earthen: Undercut			36.0 in	955.9 yd³

Bid Summary

Site Improvement Category: Pavement

Area-Based Site Improvement Name	Takeoff Category	Area
Asphalt Undercut	Design	955.9 yd² (plan)



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CITY OF RIDGELAND, MS

PROJECT #0019127.003

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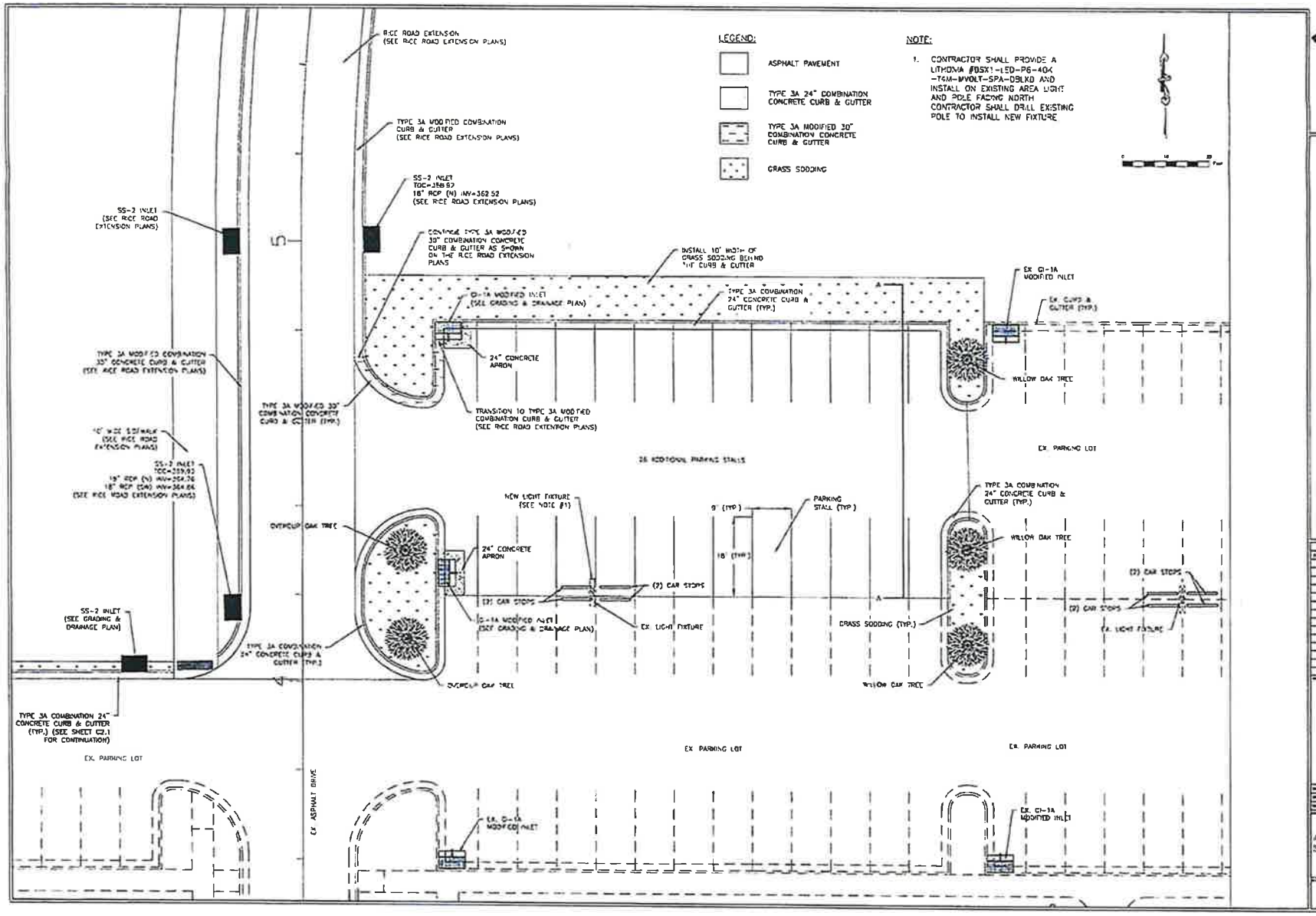
NO.	REMARKS	DATE

ADDITIONAL PARKING: GRADING & DRAINAGE

C1.0



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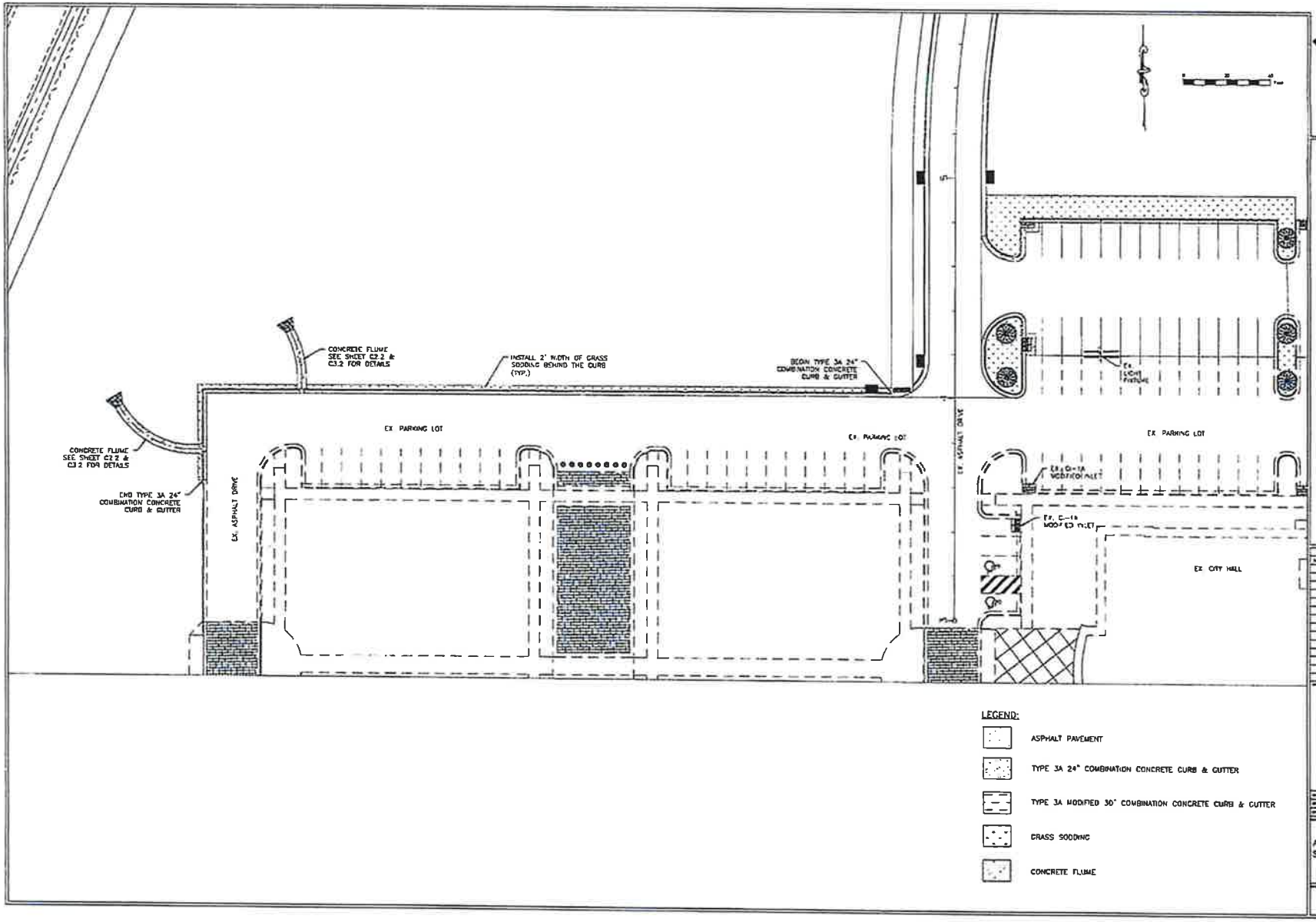
ADDITIONAL PARKING: SITE PLAN

C2.0



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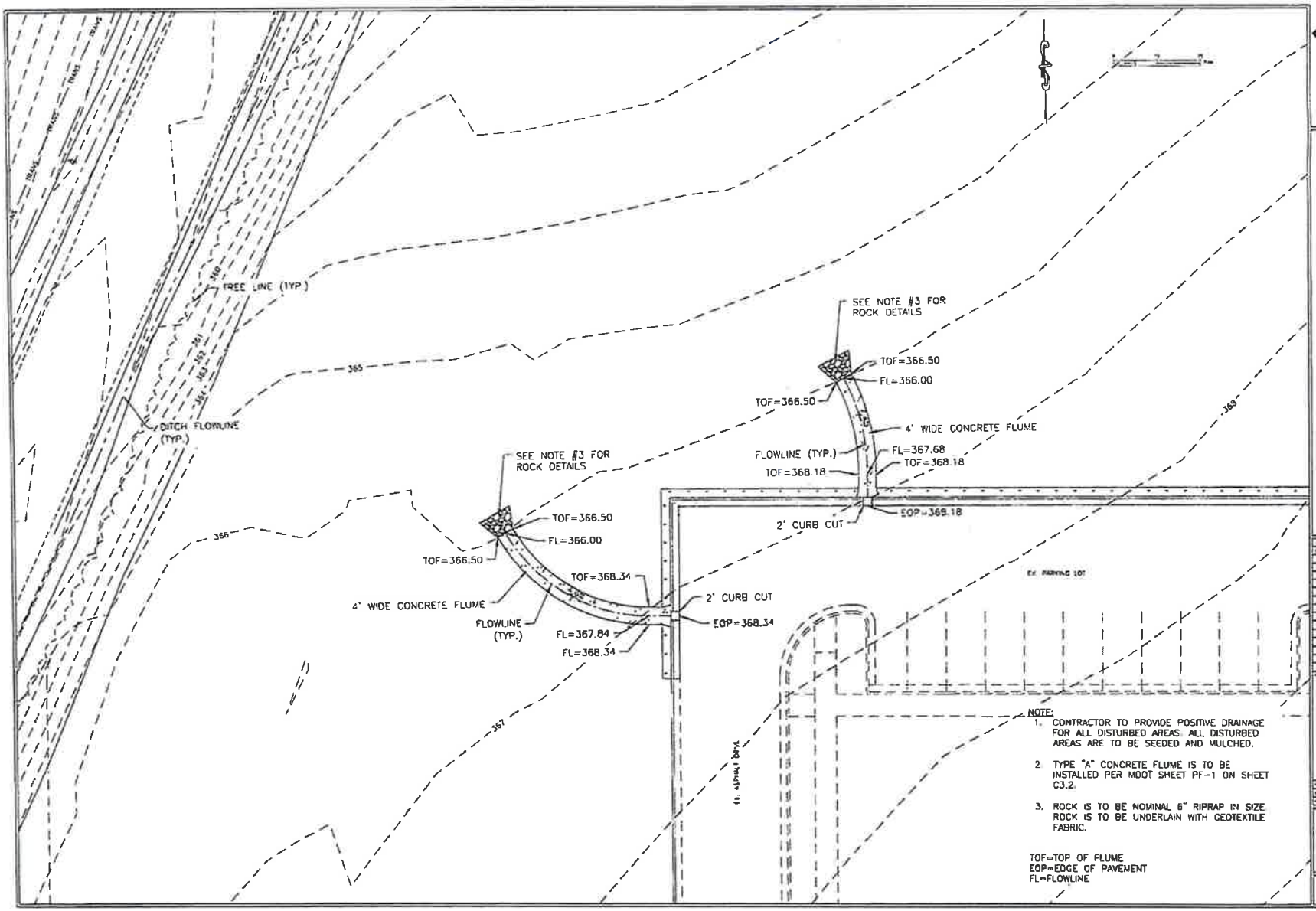
CITY OF RIDGELAND, MS

PROJECT #0019127.003

DRAWING REVISIONS		
NO.	REMARKS	DATE

ADDITIONAL PARKING: SITE PLAN

C2.1



NOTE:

1. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE FOR ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE SEEDED AND MULCHED.
2. TYPE "A" CONCRETE FLUME IS TO BE INSTALLED PER MDOT SHEET PF-1 ON SHEET C3.2.
3. ROCK IS TO BE NOMINAL 6" RIPRAP IN SIZE ROCK IS TO BE UNDERLAIN WITH GEOTEXTILE FABRIC.

TOF=TOP OF FLUME
EOP=EDGE OF PAVEMENT
FL=FLOWLINE

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CITY OF RIDGELAND, MS
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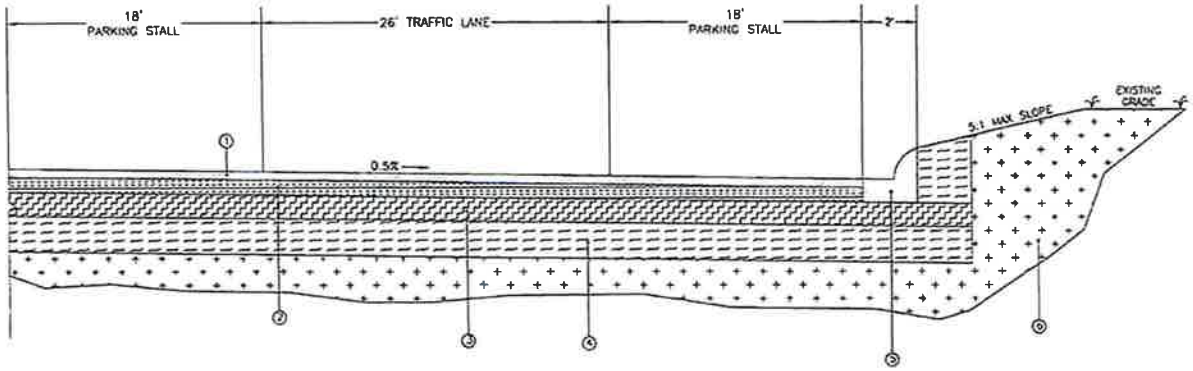
CONCRETE FLUME

C2.2



SECTION A–A

1. 2" ST 9.5mm SURFACE COURSE
2. 4" ST 19mm BASE COURSE
3. 12" LIME TREATED SUBGRADE
4. 24" NON–EXPANSIVE CLAY SOIL BUFFER TO BE COMPACTED TO 95% ASTM D698
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE 3A
6. UNDISTURBED SOIL MATERIAL

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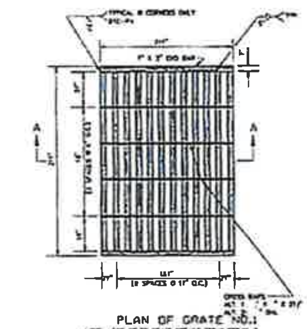
CITY OF RIDGELAND, MS
PROJECT #0019127.003

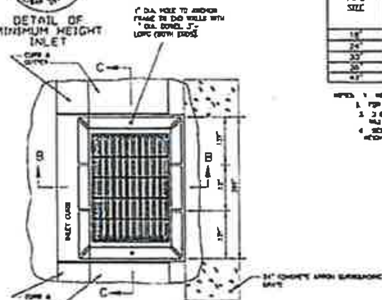
DRAWING REVISIONS

NO	REMARKS	DATE

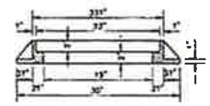
ADDITIONAL PARKING: SECTION A-A

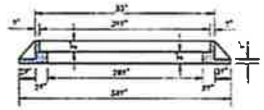
C3.0





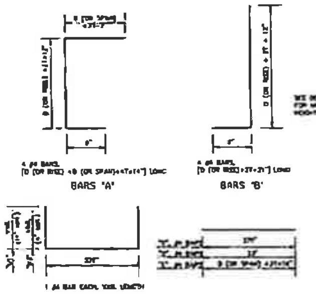
QUANTITIES													
PIPE SIZE	MIN. DEPTH TO F.L.	CONC. (yd³)	STEEL (lbs)	PIPE OPENING DEDUCTION (yd³)	Y	"A" #4	"B" #4	"C" #4	"D" #4	"E" #4	"U1" #4	"U2" #4
						NO. @ LGTH	NO. @ LGTH	NO. @ LGTH	NO. @ LGTH	NO. @ LGTH	NO. @ LGTH	NO. @ LGTH
18"	2.792'	0.972	[illegible]	0.053	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24"	3.333'	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42"	[illegible]	[illegible]	[illegible]	0.263	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

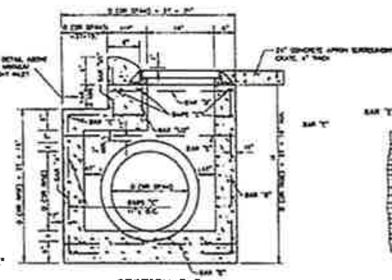


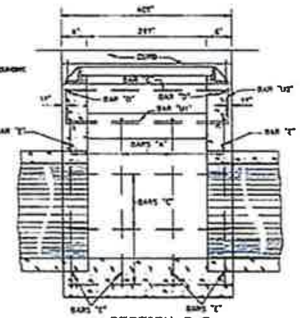


GENERAL NOTES:

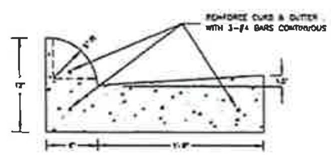
1. QUANTITIES SHOWN WILL BE THE BASIS OF PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
2. CONCRETE SHALL BE CLASS "B" CONCRETE AND REINFORCING STEEL SHALL BE DEFORMED BARS.
3. THE CONTRACTOR HAS THE OPTION TO PROVIDE GRATE NO. 1 OR GRATE NO. 2 AS SHOWN ON SHEET IG-2.
4. FRAME TO BE GRAY IRON CASTING (AASHTO M 105, CLASS 30)







MDOT GUTTER INLET GI-1A MODIFIED DETAIL
NOT TO SCALE



TYPE 3A COMBINATION CURB AND GUTTER

CURB & GUTTER DETAIL
NOT TO SCALE

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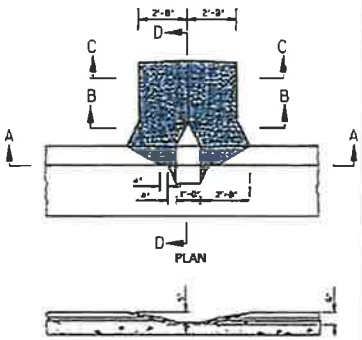
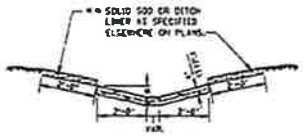
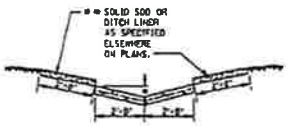
ADDITIONAL PARKING:
TYPICA DETAILS

C3.1

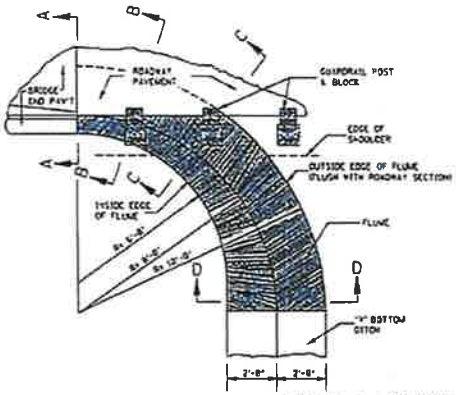
FLUME – TYPE "A"
(INTERMEDIATE RUNOFF THROUGH CURB & GUTTER)

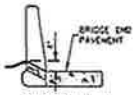


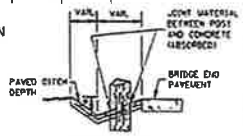


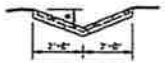


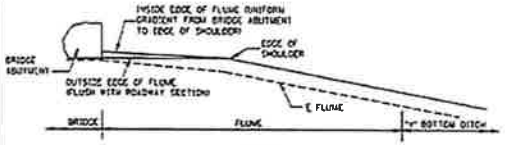
FLUME – TYPE "B"
(AT END OF BRIDGE)



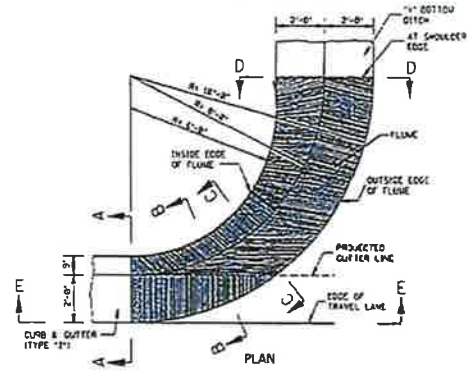


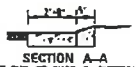


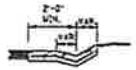


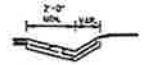


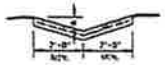
FLUME – TYPE "C"
(AT END OF CURB & GUTTER)

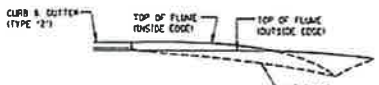


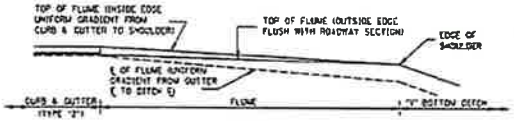


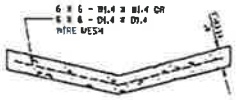












NOTES:

1. THIS DIMENSION IS 6" FOR 4:1 SLOPES AND 8" FOR 3:1 SLOPES (VARIABLE).
2. CENTER ROW OF STAPLES MAY BE OMITTED ON DITCH LINER.

STATE	PROJECT NO.
MISS.	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

DETAILS OF PAVED FLUMES

MDOT
WORKING NUMBER PF-1
SHEET NUMBER 6426

ISSUE DATE: AUGUST 01, 2017

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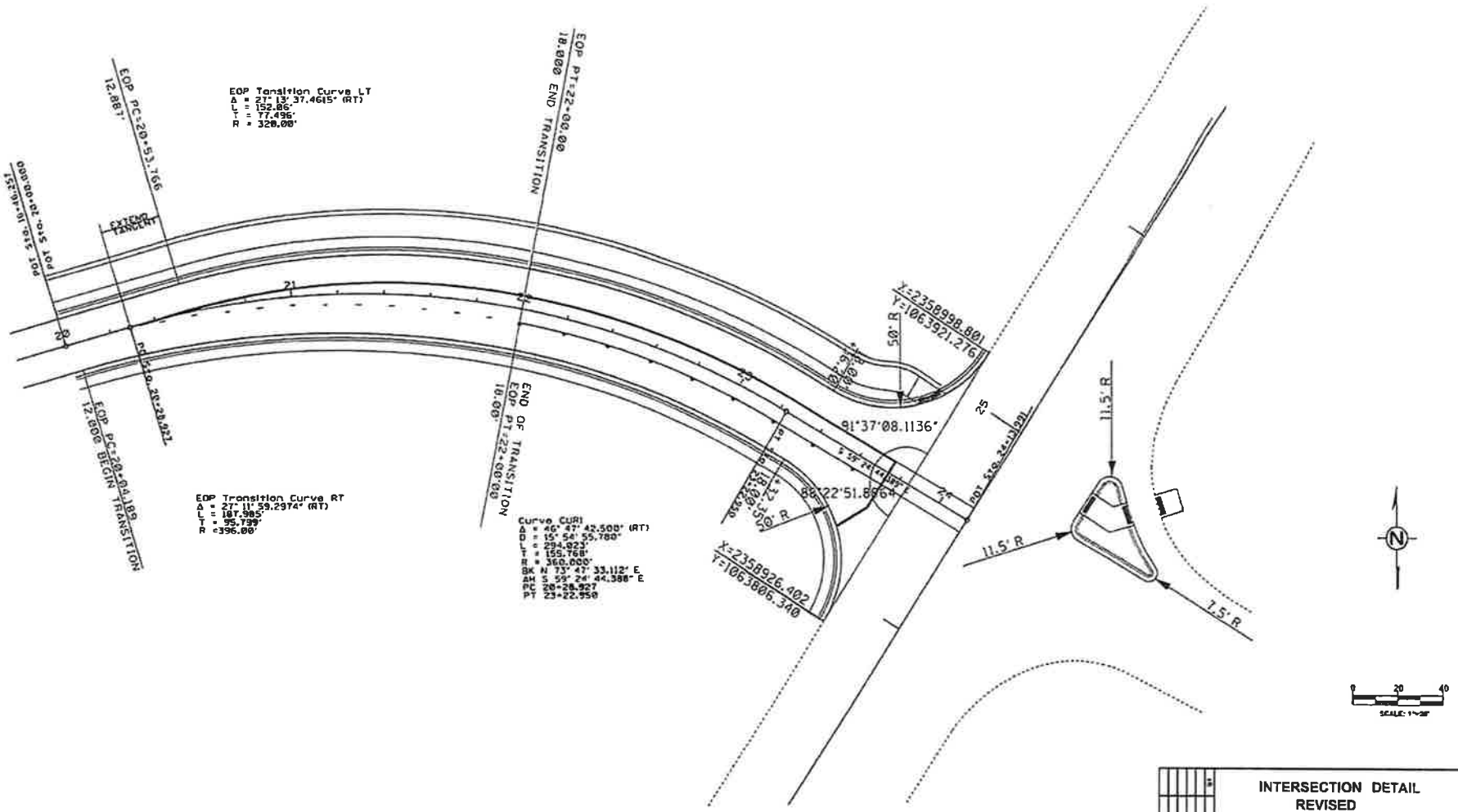
ADDITIONAL PARKING: TYPICA DETAILS

C3.2



INTERSECTION DETAIL
REVISED

sta 22+00 REVISED

COUNTY: MADISON

WORKING NUMBER ID-1

SHEET NUMBER 21A

FILENAME: _____

DESIGN TEAM _____ CHECKED _____ DATE _____

Subject: Increasing Type 3A Curb Size

Date: June 2, 2021

Location: Station 4+00 thru 16+55 = 20+00 (2,700 lf)
Station 20+00 thru 21+00 Transition from 18" wide to 30" wide (200 lf)
Station 21+00 thru 24+00 (600 lf)

Contract Sheet Number 5 shows Typical Detail of required roadway from Staion 4+00 to 16+55.717 = 20+00 (equation)
This detail shows a 18" wide Type 3A Modified Curb. This accounts for approximately 2,700 lf of Curb & Gutter

Contract Sheet Number 6 shows Typical Detail of required roadway from Staion 20+00 to 21+00
This detail does not show a width on the Type 3A Modified Curb. This accounts for approximately 200 lf of Curb & Gutter
It is assumed this typical detail would be the transition from 18" wide curb (20+00) to a 30" wide curb (21+00)

Contract Sheet Number 7 shows Typical Detail of required roadway from Staion 21+00 to 24+00
This detail shows a 30" wide Type 3A Modified Curb. This accounts for approximately 600 lf of Curb & Gutter

The Combination Curb & Gutter for this project was bid based on the Contract Drawing showing;

Subcontract:					
Type 3A Modified (4+00 to 16+55)	18" Wide	2700 lf	$16.50	/lf	$44,550.00
Type 3A Modified (20+00 to 21+00)	18"- 30" Transition	200 lf	$20.25	/lf	$4,050.00
Type 3A Modified (21+00 to 24+00)	30" Wide	600 lf	$21.00	/lf	$12,650.00
Total Type 3A Modified Curb & Gutter - Subcontract		**3500 lf**	**$17.50**	**/lf**	**$61,250.00**
Hemphill Grade & Backfill for Curb & Gutter		3500 lf	$1.85	/lf	$6,475.00
Hemphill Markup (Overhead & Profit)(15%)		3500 lf	$3.60	/lf	$12,600.00
Contract Tax & Bond Premium (4.5%)		3500 lf	$1.05	/lf	$3,675.00
Contract Bid Price;					
Combination Curb & Gutter, Type 3A Modified		**3500 lf**	**$24.00**	**/lf**	**$84,000.00**

If the Owner elects to to change the Typical Details of the Contract Documents to a 30" wide Type 3A Mofified Curb for the whole project, then the following will apply;

Subcontract:					
Type 3A Modified (4+00 to 16+55)	30" Wide	2700 lf	$21.00	/lf	$56,700.00
Type 3A Modified (20+00 to 21+00)	30" Wide	200 lf	$21.00	/lf	$4,200.00
Type 3A Modified (21+00 to 24+00)	30" Wide	600 lf	$21.00	/lf	$12,600.00
Total Type 3A Modified Curb & Gutter - Subcontract		**3500 lf**	**$21.00**	**/lf**	**$73,500.00**
Hemphill Grade & Backfill for Curb & Gutter		3500 lf	$1.85	/lf	$6,475.00
Hemphill Markup (Overhead & Profit)(15%)		3500 lf	$4.25	/lf	$14,875.00
Contract Tax & Bond Premium (4.5%)		3500 lf	$1.25	/lf	$4,375.00
		3500 lf	**$28.35**	**/lf**	**$99,225.00**
Additional Cost for this Change Order =		**3500 lf**	**$4.35**	**/lf**	**$15,225.00**

If the Owner elects to to change the Typical Details of the Contract Documents to a 24" wide Type 3A Mofified Curb from Station 4+00 to 16+55 and Transition 24" wide to 30" from 20+00 to 21+00project, then the following will apply;

Subcontract:					
Type 3A Modified (4+00 to 16+55)	24" Wide	2700 lf	$20.00	/lf	$54,000.00
Type 3A Modified (20+00 to 21+00)	24"-30" Transition	200 lf	$20.50	/lf	$4,100.00
Type 3A Modified (21+00 to 24+00)	30" Wide	600 lf	$21.00	/lf	$12,600.00
Total Type 3A Modified Curb & Gutter - Subcontract		**3500 lf**	**$20.20**	**/lf**	**$70,700.00**
Hemphill Grade & Backfill for Curb & Gutter		3500 lf	$1.85	/lf	$6,475.00
Hemphill Markup (Overhead & Profit)(15%)		3500 lf	$4.10	/lf	$14,350.00
Contract Tax & Bond Premium (4.5%)		3500 lf	$1.20	/lf	$4,200.00
		3500 lf	**$27.35**	**/lf**	**$95,725.00**
Additional Cost for this Change Order =		**3500 lf**	**$3.35**	**/lf**	**$11,725.00**

SIMMONS
EROSION CONTROL INC

Hemphill Construction Company, Inc.
P.O. 879
Florence, MS 39073
Att.: Tim Temple
Project: Rice Road Extension

04-29-2021

Reference: Increasing Type 3A Curb Width from 18" to 30"

Mr. Temple,

Per our discussion, Simmons Erosion Control, Inc. is requesting additional compensation for the above-mentioned reference under the following conclusion:

Drawings state that a 30" wide type 3A curb is to be utilized from station 21+00 to 24+00 (=600'), 18" wide type 3A curb is to be utilized from station 4+00 to 16+55/20+00 (=2,700'), and 18" to 30" transition to be utilized from station 20+00 to 21+00 (=200'). Total type 3A modified = 3,500'.

There will be a price increase for the 2700' of 18" to 30" and for 200' transition of 18" to 30" as station in before mentioned stations.

As Bid:	Proposed:	Difference:
18" curb 2700' = $16.50/lf	30" curb 2700' = $21.00/lf	$4.50/lf
18"-30" transition curb 200' = $16.50/lf	30" transition curb = $21.00/lf	$4.50/lf
30" curb 600' = $21.00/lf	30" curb 600' = $21.00/lf	$0.00/lf
Average price = $18.00/lf	$21.00/lf	$3.00/lf

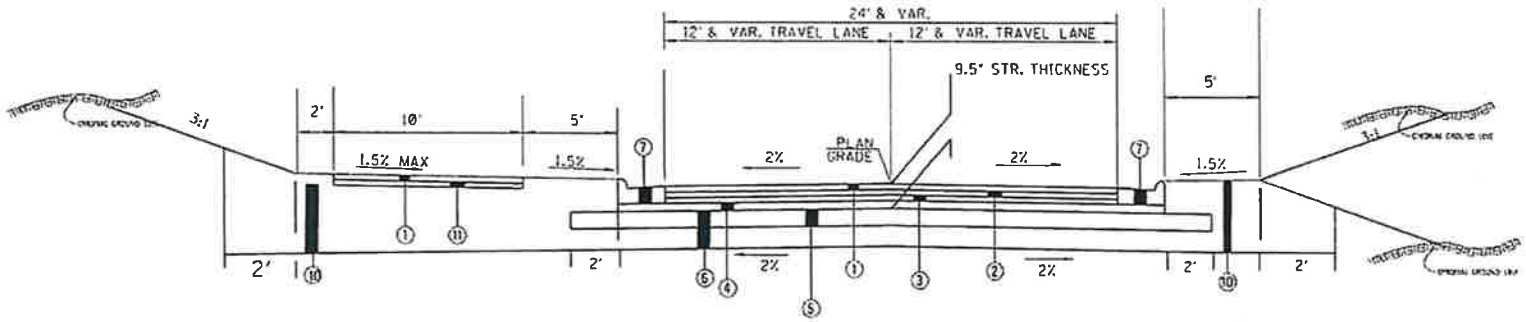
Total cost to change 3,500 lf at $3.00/lf = $10,500.00.

Feel free to contact me with any questions at (601) 906-4101.

Sincerely,

Blaise Thomas

6690 Steve Lee Drive Lake, MS 39092 Phone: (601) 775-3305 Fax: (601) 775-8797



CITY CENTER ROAD
STA. 4+00 TO STA. 16+55.717 =
STA. 20+00 RICE ROAD EXTENSION

① 1.5" HMA , MT (9.5 MIX) (1 @ 1.5)

② 2.0" HMA , MT (12.5 MIX) (1 @ 2)

③ 3.5" HMA , MT (19 MIX) (1 @ 3.5)

④ 2.5" HMA , MT (19 MIX) (1 @ 2.5)

⑤ 12" LIME TREATED SUBGRADE (6% HYDRATED LIME BY DRY WEIGHT OF SOIL)

OR

⑤A 8" SIZE 610 CRUSHED STONE BASE WITH GEOTEXTILE STABILIZATION, TYPE V (ALTERNATE 1)

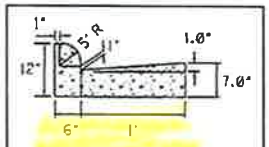
⑥ 36" UNDERCUT AND NON-EXPANSIVE CLAY (B9) SOIL BACKFILL MATERIAL

⑦ TYPE 3A MODIFIED CURB AND GUTTER REQ'D.

⑧ 1.5" COLD MILLING REQ'D.

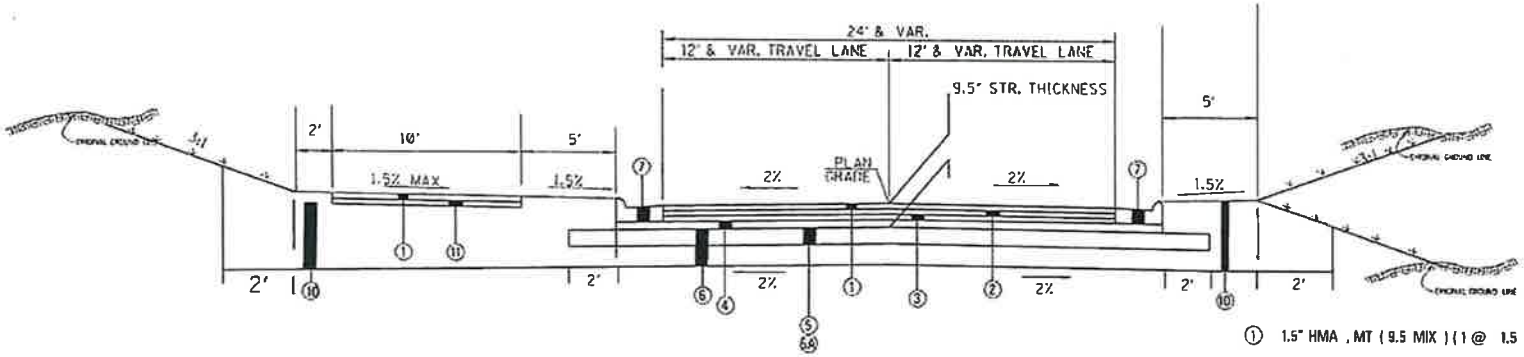
⑩ VAR. DEPTH NON-EXPANSIVE CLAY SOIL BACKFILL MATERIAL

⑪ 3.0" HMA , MT (19 MIX) (1 @ 3.0)



TYPE 3A MODIFIED

		TYPICAL SECTION
		RICE ROAD EXTENSION
		COUNTY: MADISON
		WORKING NUMBER TS-1
		SHEET NUMBER 5



MAINLINE RICE ROAD
STA. 20+00 TO STA. 21+00.00

1. 1.5" HMA , MT (9.5 MIX) (1 @ 1.5)
2. 2.0" HMA , MT (12.5 MIX) (1 @ 2)
3. 3.5" HMA , MT (19 MIX) (1 @ 3.5)
4. 2.5" HMA , MT (19 MIX) (1 @ 2.5)
5. 12" LIME TREATED SUBGRADE (6% HYDRATED LIME BY DRY WEIGHT OF SOIL)

   OR

5A. 8" SIZE 610 CRUSHED STONE BASE WITH GEOTEXTILE STABILIZATION, TYPE V (ALTERNATE 1)

6. 36" UNDERCUT AND NON-EXPANSIVE CLAY SOIL BACKFILL MATERIAL
7. TYPE 3A MODIFIED CURB AND GUTTER REQ'D.
8. 1.5" COLD MILLING REQ'D.
10. VAR. DEPTH NON-EXPANSIVE CLAY SOIL BACKFILL MATERIAL TO BE COMPACTED TO 95% ASTM D698
11. 3.0" HMA , MT (19 MIX) (1 @ 3.0)

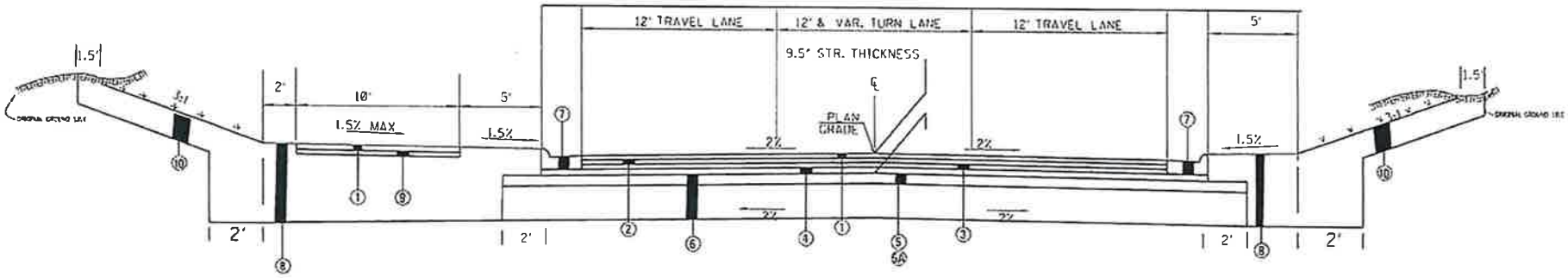
TYPICAL SECTION

RICE ROAD EXTENSION

COUNTY: MADISON

TS-2

6



MAINLINE RICE ROAD
STA. 21+00 TO STA. 23+30

① 1.5" HMA , MT (9.5 MIX) (1 @ 1.5)

② 2.0" HMA , MT (12.5 MIX) (1 @ 2)

③ 3.5" HMA , MT (19 MIX) (1 @ 3.5)

④ 2.5" HMA , MT (19 MIX) (1 @ 2.5)

⑤ 12" LIME TREATED SUBGRADE (6% HYDRATED LIME BY DRY WEIGHT OF SOIL)

OR

⑤A 8" SIZE 610 CRUSHED STONE BASE WITH GEOTEXTILE STABILIZATION, TYPE V (ALTERNATE 1)

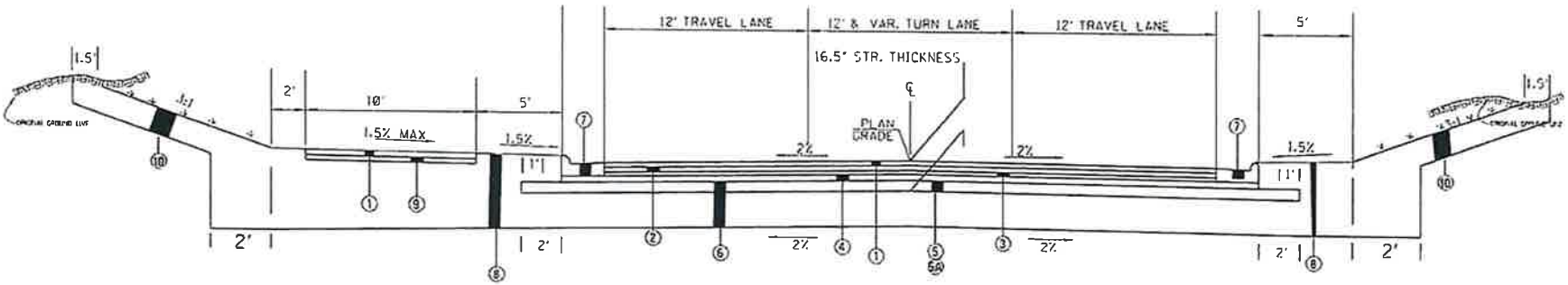
⑥ 36" UNDERCUT AND NON-EXPANSIVE CLAY SOIL BACKFILL MATERIAL

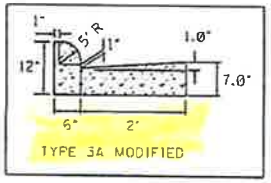
⑦ TYPE 3A MODIFIED CURB AND GUTTER REQ'D.

⑧ VAR. DEPTH NON-EXPANSIVE CLAY SOIL BACKFILL MATERIAL TO BE COMPACTED TO 95% ASTM D698

⑨ 3.0" HMA , MT (19 MIX) (1 @ 3.0)

⑩ 18" UNDERCUTAND BACKFILL WITH NON-EXPANSIVE CLAY SOIL MATERIAL TO BE COMPACTED TO 95% ASTM D698. TOPPED WITH SOLID SOD.





MAINLINE RICE ROAD
STA. 23+30 TO STA. 24+00

TYPICAL SECTION

RICE ROAD EXTENSION

COUNTY: MADISON

TS-3

7

Subject: Modify Outlet Drainage Box

Date: June 25, 2021

Location: Outfall Detention Pond - Rice Road Extension / City Hall

Scope of Work: Cut Out Existing Top of Concrete Junction Box, Clean Out Roadside Ditch & Rip Rap

Itemized List of Work Items

1) Remove Top of Existing Junction Box (saw cut off top)

Hemphill Labor	$285.00
Hemphill Equipment	$245.00
Hemphill Rental	$0.00
Hemphill Trucks	$75.00
Hemphill Subcontracts (saw)	$824.00
	$1,429.00
Hemphill Markup (15%)	$266.00
Tax and Bond Premium (4.5%)	$80.00
Total Cost =	$1,775.00
Unit Cost (1 each) =	$1,775.00 /Each

2) Regrade/Cleanout existing Roadside Ditch (300' north / 200' south)

Hemphill Labor	$925.00
Hemphill Equipment	$740.00
Hemphill Rental	$0.00
Hemphill Trucks	$750.00
Hemphill Subcontracts	$0.00
	$2,415.00
Hemphill Markup (15%)	$449.00
Tax and Bond Premium (4.5%)	$135.00
Total Cost =	$2,999.00
Unit Cost (500') =	$6.00 /LF

3) Install RipRap around existing Junction Box and ditch - Grout Rip Rap

Hemphill Labor	$520.00
Hemphill Equipment	$425.00
Hemphill Rental	$0.00
Hemphill Trucks	$0.00
Hemphill Material (Dirty Rip Rap)	$500.00
	$1,445.00
Hemphill Markup (15%)	$268.00
Tax and Bond Premium (4.5%)	$81.00
Total Cost =	$1,794.00
Unit Cost (20 Tons) =	$90.00 /TON

Total Price for all work will be $6,568.00 and will take 1-2 work days to complete.
Work Quantities can be Added or Deducted based on the scope of work required and Unit Prices

Hemphill Consttruction Company, Inc. hopes this proposal will meet with yours and the Owner's approval. If you have any questions regarding the scope of work included, please don't hesitate to call on me.

Sincerely,

Hemphill Construction Company, Inc.
Timothy G. Temple
Vice President

the city of RIDGELAND

public works

MEMORANDUM

TO: Mayor Gene F. McGee and Board of Aldermen

FROM: Christopher W. Bryson, P.E., City Engineer

DATE: July 14, 2021

RE: **CONTRACTOR ESTIMATE NO. 3**
Hemphill Construction Company, Inc. - Pay Period Ending June 25, 2021
Rice Road Extension
Account No. 390-601-750
City of Ridgeland, Madison County, Mississippi

We respectfully request the Mayor and Board of Aldermen approve payment in the amount of **$230,243.72** to Hemphill Construction Company, Inc. using account no. 390-601-750 for work completed on the referenced project during the period between May 26, 2021 and June 25, 2021. Through this period, the Contractor has continued clearing work and earthwork operations and begun installation of the storm drainage pipe. 20% of the work on the project has been completed in 35% of the contract time.

Upon your approval, the Mayor will need to sign where indicated on the cover sheet of each pay estimate, and return to Public Works for distribution.

Thank you for your consideration of our request. Please contact me if you have any questions.

Cc: John M. McCollum, Public Works Director

mailing address: p.o. box 217 • ridgeland, ms 39158
street address: 304 highway 51 • ridgeland, ms 39157
ph: 601.853.2027 • fax: 601.853.2019 • www.ridgelandms.org

Gene F. McGee, cmo - mayor • John M. McCollum - director of public works

board of aldermen: D.I. Smith, cmo - at-large • Ken Heard, cmo - ward 1 • Chuck Gautier, cmo - ward 2
Kevin Holder, cmo, mayor pro tempore - ward 3 • Brian P. Ramsey, cmo - ward 4 • Bill Lee - ward 5 • Wesley Hamlin, cmo - ward 6

WAGGONER

143-A LeFleurs Square | Jackson, MS 39211
601 355-9526 OFFICE | 601 352-3945 FAX
WAGGONERENG.COM

July 1, 2021

City of Ridgeland
100 West School Street
Ridgeland, MS 39157

ATTN: Chris Bryson, P.E.
City Engineer

RE: Rice Road Extension
CONSTRUCTION CONTRACTOR PAYMENT REQUEST
WEI #019127

Dear Chris:

Transmitted, for your review and approval, are two copies of the Hemphill Construction Company, Inc. Estimate No. Three for the referenced project. The estimate for the work period May 26, 2021 to June 25, 2021 is ready for processing in the amount of $230,243.72.

Should you have any questions or require additional information, please contact us. Thank you.

Sincerely,

Hayden Overby, P.E.
Project Manager

HO/reg

Attachments

c: Gene F. McGee, Mayor, City of Ridgeland
Paula Tierce, City Clerk, City of Ridgeland
Mike McCollum, Director, Public Works Department
Tim Temple, Project Manager, Hemphill Construction Company, Inc.

PERIODIC ESTIMATE FOR PARTIAL PAYMENT	HCC Project # H21022 Purchase Order #
Name of Project: Rice Road Extension Project WEI #019127 Location of Project: Ridgeland, MS	Periodic Estimate No. 3 Period 5/26/2021 - 6/25/2021
Name and Address of Owner: City of Ridgeland, Mississippi C/O Waggoner Engineering 143-A LeFleurs Square Jackson, MS 39211 Attn: David Calvert	Name and Address of Contractor: Hemphill Construction Company, Inc. P.O. Drawer 879 Florence, MS 39073

Schedule of Contract Change Orders

(List every change order issued to date of this request even if no work has been done under one or more such orders.)

Contract Change Order No. (1)	Date (2)	Description (3)	Additions to Contract Price as Shown on Change Order (4)	Deductions from Contract Price as Shown on Change Order (5)
		Totals	**$0.00**	**$0.0**

Analysis of Adjusted Contract Amount

(a)	Original Contract Amount	$2,095,667.45
(b)	Plus: Additions Scheduled in Column 4 Above	$0.00
(c)	Less: Deductions Scheduled in Column 5 Above	$0.00
(d)	Adjusted Contract Amount to Date	$2,095,667.45

Analysis of Work Performed to Date

(a)	Cost of Original Contract Work Performed to Date	$411,435.22
(b)	Extra Work Performed to Date by Change Order	$0.00
(c)	Total Cost of Work Performed to Date	$411,435.22
(d)	Add: Materials Stored at Close of Period	$0.00
(e)	Subtotal of (c) and (d)	$411,435.22
(f)	Less: Retainage (CD)	$0.00
(g)	Subtotal of (e) and (f)	$411,435.22
(h)	Less: Amount of Previous Estimates	$181,191.50
(i)	Amount Due This Estimate	$230,243.72

Note: Actual 5% retainage is $20,571.76. A CD has been placed in lieu of retainage in the amount of $52,500.00.

Certificate of Contractor

According to the best of my knowledge and belief, I certify that all items and amounts shown in this Periodic Estimate for Partial Payment are correct; that all work has been performed and /or duly authorized deviations, substitutions, alterations and/or additions; that the foregoing is a true and correct statement of the Contract account up to and including the last day of the period covered by the Periodic Estimate; and that no part of the "Amount Due This Estimate" has been received.

HEMPHILL CONSTRUCTION COMPANY, INC.
(Contractor)

By: _____

Title: ____ Vice President

Date: ____ 6/29/2021

Recommendation of Engineer / Owner

This Periodic Estimate for Partial Payment covers all pay item work performed by the contractor through the estimate period stated hereon. The undersigned recommends payment of the amount on line (i) above subject to the provisions of the Contract Documents covering the repair or replacement of all defective work, if any, that may be discovered prior to final payment or expiration of the general guaranty period.

WAGGONER ENGINEERING
(Engineer)

By: _____

Recommended Amount: _____

Date: _____

CITY OF RIDGELAND, MISSISSIPPI

(Owner)

By: _____

Recommended Amount: $230,243.72

Date: _____

Name and Location of Project:
Rice Road Extension Project
New Rice Roadway Extension to City Hall
City of Ridgeland, MS - Madison County

Name and Address of Contractor:
HEMPHILL CONSTRUCTION COMPANY, INC.
P.O. DRAWER 879
FLORENCE, MS 39073

Periodic Estimate No. : 3 **May 26, 2021** **thru** **June 25, 2021**

Item No.	Description of Item	Quant.	Unit	Cost Per Unit	Total Cost	Previous Estimate Quantity	Quantity This Period	Quantity to Date	Previous Total	Current Total	Total Cost	% Complete	Cost of Uncompleted Work	% Uncomp.
	BASE BID													
201-B001	Clearing and Grubbing	2.0	ACRE	$15,000.00	$30,000.00	1.56	0.44	2.00	$23,400.00	$6,600.00	$30,000.00	100.00%	$0.00	0.00%
202-B050	Removal of Concrete Combination Curb & Gutter	145.0	LF	$10.00	$1,450.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,450.00	100.00%
202-B188	Removal of Pavement, All Types & Depths	280.0	SY	$21.00	$5,880.00	0.00	260.00	260.00	$0.00	$5,460.00	$5,460.00	92.86%	$420.00	7.14%
203-EX020	Borrow Excavation, AH, FME, Class B15	17,500.0	CY	$12.50	$218,750.00	1,034.00	7229.50	8,263.50	$12,925.00	$90,368.75	$103,293.75	47.22%	$115,456.25	52.78%
203-G001	Excess Excavation, FM, AH	20,550.0	CY	$9.00	$184,950.00	4,081.00	11263.50	15,344.50	$36,729.00	$101,371.50	$138,100.50	74.67%	$46,849.50	25.33%
211-B001	Topsoil for Slope Treatment, Contractor Furished	500.0	CY	$20.00	$10,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$10,000.00	100.00%
216-A001	Solid Sodding, (Tifway Hybrid Bermuda)	1,500.0	SY	$5.50	$8,250.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$8,250.00	100.00%
225-A001	Grassing	1.0	Acre	$3,000.00	$3,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$3,000.00	100.00%
226-A001	Temporary Grassing	1.0	Acre	$1,100.00	$1,100.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,100.00	100.00%
234-A001	Temporary Silt Fence	3,720.0	LF	$3.75	$13,950.00	3,370.00	0.00	3,370.00	$12,637.50	$0.00	$12,637.50	90.59%	$1,312.50	9.41%
237-A002	Wattles, 20"	600.0	LF	$8.00	$4,800.00	0.00	340.00	340.00	$0.00	$2,720.00	$2,720.00	56.67%	$2,080.00	43.33%
307-C002	12" Soil-Lime-Water Mixing, Class C	6,325.0	SY	$4.00	$25,300.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$25,300.00	100.00%
307-D001	Lime	171.0	TON	$240.00	$41,040.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$41,040.00	100.00%
307-S001	Bituminous Curing Seal	1,270.0	GAL	$5.00	$6,350.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$6,350.00	100.00%
403-A002	12.5-mm, MT, Asphalt Pavement	620.0	TON	$100.00	$62,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$62,000.00	100.00%
403-A005	19-mm, MT, Asphalt Pavement	1,995.0	TON	$95.00	$189,525.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$189,525.00	100.00%
403-A014	9.5-mm, MT, Asphalt Pavement	930.0	TON	$105.00	$97,65000	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$97,650.00	100.00%
406-A002	Cold Milling of Bituminous Pavement, All Depths	4,180.0	SY	$4.00	$16,720.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$16,720.00	100.00%
407-A001	Asphalt for Tack Coat	1,640.0	GAL	$4.00	$6,560.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$6,560.00	100.00%
503-C010	Saw Cut, Full Depth	144.0	LF	$7.00	$1,008.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,008.00	100.00%
601-B001	Class "B" Structural Concrete, Minor Structures	120.0	CY	$1,500.00	$180,000.00	0.00	1.75	1.75	$0.00	$2,625.00	$2,625.00	1.46%	$177,375.00	98.54%
602-A001	Reinforcing Steel	9,713.0	LBS	$0.50	$4,856.50	0.00	116.93	116.93	$0.00	$58.47	$58.47	1.20%	$4,798.03	98.80%
603-CA011	18" Reinforced Concrete Pipe, Class III	2,864.0	LF	$41.00	$117,424.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$117,424.00	100.00%
603-CA026	24" Reinforced Concrete Pipe, Class III	248.0	LF	$60.00	$14,880.00	0.00	144.00	144.00	$0.00	$8,640.00	$8,640.00	58.06%	$6,240.00	41.94%
603-CA040	30" Reinforced Concrete Pipe, Class III	164.0	LF	$73.00	$11,972.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$11,972.00	100.00%
603-CB004	24" Reinforced Concrete End Section	1.0	EA	$940.00	$940.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$940.00	100.00%

603-CB005	30" Reinforced Concrete End Section	1.0	EA	$1,400.00	$1,400.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,400.00	100.00%
604-A001	Castings	2,686.0	LBS	$3.60	$9,669.60	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$9,669.60	100.00%
604-B001	Gratings	254.0	LBS	$3.60	$914.40	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$914.40	100.00%
608-C001	Detectable Warning Panels	80.0	SF	$45.00	$3,600.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$3,600.00	100.00%
907-608-D003	Stamped and Colored Concrete Sidewalk	50.0	SY	$155.00	$7,750.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$7,750.00	100.00%
609-D003	Combination Concrete Curb and Gutter, Type 2	125.0	LF	$25.00	$3,125.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$3,125.00	100.00%
609-D012	Combination Concrete Curb and Gutter, Type 3A Modified	3,500.0	LF	$24.00	$84,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$84,000.00	100.00%
616-A001	Concrete Median and/or Island Pavement, 10-Inch	10.0	SY	$165.00	$1,650.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,650.00	100.00%
616-A004	Concrete Median and/or Island Pavement, 4-Inch	83.0	SY	$76.00	$6,308.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$6,308.00	100.00%
618-A001	**Maintenance of Traffic**	**1.0**	**LS**	**$60,000.00**	**$60,000.00**	**5.00%**	**14.00%**	**19.00%**	**$3,000.00**	**$8,400.00**	**$11,400.00**	**19.00%**	**$48,600.00**	**81.00%**
619-A1002	Temporary Traffic Stripe, Continuous White	7,042.0	LF	$0.55	$3,873.10	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$3,873.10	100.00%
619-A2002	Temporary Traffic Stripe, Continuous Yellow	6,972.0	LF	$0.55	$3,834.60	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$3,834.60	100.00%
619-A3002	Temporary Traffic Stripe, Skip White	600.0	LF	$0.55	$330.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$330.00	100.00%
619-A5001	Temporary Tralfic Stripe, Detail	2,149.0	LF	$1.10	$2,363.90	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$2,363.90	100.00%
619-A6001	Temporary Traffic Stripe, Legend	516.0	SF	$2.10	$1,083.60	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,083.60	100.00%
619-A6002	Temporary Traffic Stripe, Legend	572.0	LF	$1.60	$915.20	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$915.20	100.00%
619-H1001	Traffic Signals	1.0	LS	$62,850.00	$62,850.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$62,850.00	100.00%
620-A001	**Mobilization**	**1.0**	**LS**	**$185,000.00**	**$185,000.00**	**50.00%**	**0.00%**	**50.00%**	**$92,500.00**	**$0.00**	**$92,500.00**	**50.00%**	**$92,500.00**	**50.00%**
626-A003	6" Thermoplastic Traffic Stripe, Skip White	600.0	LF	$1.05	$630.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$630.00	100.00%
626-B003	6" Thermoplastic Traffic Stripe, Continuous White	681.0	LF	$1.05	$715.05	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$715.05	100.00%
626-C003	6" Thermoplastic Edge Stripe, Continuous White	6,361.0	LF	$0.75	$4,770.75	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$4,770.75	100.00%
626-E003	6" Thermoplastic Traffic Stripe, Continuous Yellow	6,972.0	LF	$0.75	$5,229.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$5,229.00	100.00%
626-G002	Thermoplastic Stripe, Detail White	2,030.0	LF	$2.10	$4,263.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$4,263.00	100.00%
626-G003	Thermoplastic Detail Stripe, Yellow	119.0	LF	$2.10	$249.90	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$249.90	100.00%
626-H004	Thermoplastic Legend, White	716.0	SF	$4.75	$3,401.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$3,401.00	100.00%
626-H005	Thermoplastic Legend, White	572.0	LF	$3.15	$1,801.80	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,801.80	100.00%
627-K001	Red-Clear Reflective High Performance Raised Markers	55.0	EA	$6.30	$346.50	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$346.50	100.00%
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	52.0	EA	$6.30	$327.60	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$327.60	100.00%
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	71.0	SF	$31.50	$2,236.50	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$2,236.50	100.00%
630-C003	Square Tube Post, 3.0 LB/FT	114.0	LF	$11.55	$1,316.70	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,316.70	100.00%
630-K002	Welded and Seamless Steel Pipe Post, 3"	14.0	LF	$132.00	$1,848.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,848.00	100.00%
907-632-A007	Solid State Traffic Cabinet Assembly, Type III Cabinet, Type 1 Controller	1.0	EA	$21,000.00	$21,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$21,000.00	100.00%
907-632-J001	Power Service Pedestal	1.0	EA	$4,200.00	$4,200.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$4,200.00	100.00%
907-632-PP001	Traffic Signal Remote Monitoring System	1.0	EA	$7,350.00	$7,350.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$7,350.00	100.00%
907-633-A001	Uninterruptable Power Supply	1.0	EA	$12,600.00	$12,600.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$12,600.00	100.00%
907-634-A028	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II(L), 22' SHAFT, 40' ARM	1.0	EA	$22,000.00	$22,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$22,000.00	100.00%

907-634-A031	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II(L), 22' SHAFT, 55' ARM	2.0	EA	$27,300.00	$54,600.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$54,600.00	100.00%
907-634-A047	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II(L), 30' SHAFT, 55' ARM	1.0	EA	$28,500.00	$28,500.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$28,500.00	100.00%
907-634-C001	POLE FOUNDATIONS, CLASS "B" CONCRETE	16.0	CY	$630.00	$10,080.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$10,080.00	100.00%
635-A059	TRAFFIC SIGNAL HEADS, TYPE 1	5.0	EA	$840.00	$4,200.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$4,200.00	100.00%
635-A065	TRAFFIC SIGNAL HEADS, TYPE 2 FYA	2.0	EA	$1,260.00	$2,520.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$2,520.00	100.00%
635-A070	TRAFFIC SIGNAL HEADS, TYPE 3	2.0	EA	$1,260.00	$2,520.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$2,520.00	100.00%
635-A073	TRAFFIC SIGNAL HEADS, TYPE 4	1.0	EA	$1,260.00	$1,260.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,260.00	100.00%
635-A076	TRAFFIC SIGNAL HEADS, TYPE 6	2.0	EA	$840.00	$1,680.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,680.00	100.00%
907-636-B014	ELECTRIC CABLE, UG IN CONDUIT, IMSA 20-1, AWG 14, 5 CONDUCTOR	292.0	LF	$1.05	$306.60	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$306.60	100.00%
907-636-B016	ELECTRIC CABLE, UG IN CONDUIT, IMSA 20-1, AWG 14, 8 CONDUCTOR	976.0	LF	$3.15	$3,074.40	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$3,074.40	100.00%
907-636-B034	ELECTRIC CABLE, UG IN CONDUIT, PTZ CAMERA CONTROL CABLE	85.0	LF	$5.25	$446.25	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$446.25	100.00%
907-636-B037	ELECTRIC CABLE, UG IN CONDUIT, THHN, AWG #10, 2 CONDUCTOR	728.0	LF	$2.10	$1,528.80	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,528.80	100.00%
907-636-B053	ELECTRIC CABLE, UG	90.0	LF	$7.35	$661.50	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$661.50	100.00%
907-637-A002	**PULLBOX ENCLOSURE, TYPE 2**	4.0	EA	$630.00	$2,520.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$2,520.00	100.00%
907-637-A003	PULLBOX ENCLOSURE, TYPE 3	2.0	EA	$945.00	$1,890.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,890.00	100.00%
907-637-C003	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, PVC COATED, 2"	35.0	LF	$15.75	$551.25	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$551.25	100.00%
907-637-C004	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, PVC COATED, 3"	143.0	LF	$11.55	$1,651.65	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,651.65	100.00%
907-637-C011	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, ROLLED PIPE, 3"	624.0	LF	$13.65	$8,517.60	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$8,517.60	100.00%
907-643-A004	VIDEO VEHICLE DETECTION SENSOR, TYPE 1A	2.0	EA	$4,830.00	$9,660.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$9,660.00	100.00%
907-643-B001	VIDEO VEHICLE DETECTOR CABLE	440.0	LF	$3.15	$1,386.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,386.00	100.00%
907-643-E001	MULTI-SENSOR VEHICLE DETECTION SENSOR	2.0	EA	$12,600.00	$25,200.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$25,200.00	100.00%
907-643-F001	MULTI-SENSOR VEHICLE DETECTION CABLE	488.0	LF	$3.15	$1,537.20	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,537.20	100.00%
907-645-B001	ACCESIBLE PEDESTRIAN DETECTION CABLE	2.0	EA	$945.00	$1,890.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$1,890.00	100.00%
647-A001	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	1.0	LS	$4,200.00	$4,200.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$4,200.00	100.00%
907-650-A003	ON STREET VIDEO EQUIPMENT, PTZ TYPE	1.0	EA	$5,250.00	$5,250.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$5,250.00	100.00%
907-653-A001	TRAFFIC SIGN	34.0	SF	$20.00	$680.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$680.00	100.00%
907-653-B001	STREET NAME SIGN	53.0	SF	$74.00	$3,922.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$3,922.00	100.00%
907-659A001	TRAFFIC MANAGEMENT CENTER MOFIFICATIONS	1.0	LS	$15,750.00	$15,750.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$15,750.00	100.00%
907-659-B001	TRAFFIC MANAGEMENT CENTER MOFIFICATIONS - TRAINING	1.0	LS	$10,000.00	$10,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$10,000.00	100.00%
907-661-B002	FIBER OPTIC DROP CABLLE, 12 SM	50.0	LF	$7.35	$367.50	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$367.50	100.00%
907-663-A001	NETWORK SWITCH, TYPE A	1.0	EA	$2,200.00	$2,200.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$2,200.00	100.00%
999	**MATERIAL TESTING ALLOWANCE**	**1.0**	**ALLOW**	**$25,000.00**	**$25,000.00**	0.00%	**16.00%**	16.00%	$0.00	$4,000.00	$4,000.00	16.00%	$21,000.00	84.00%
					$2,024,859.45	**8.95%**	**11.37%**	**20.32%**	**$181,191.50**	**$230,243.72**	**$411,435.22**	**20.32%**	**$1,613,424.23**	**79.68%**
ALTERNATE 2 - PAVE MULTI-USE PATH FROM STA 4+00 TO 21+50														
403-A005	19-mm, MT, Asphalt Pavement	260.0	TON	$150.00	$39,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00	0.00%	$39,000.00	100.00%

403-A014	9 5-mm, MT, Asphalt Pavement	130.0	TON	$126 00	$16,380.00	0.00	0.00	0.00	$0.00	$0 00	$0.00	0.00%	$16,380.00	100.00%
216-A001	Solid Sodding	1,500 0	SY	$5.50	$8,250.00	0.00	0.00	0.00	$0 00	$0 00	$0 00	0.00%	$8,250.00	100.00%
608-C001	Detectable Warning Panels	48.0	SF	$45.00	$2,160 00	0.00	0 00	0.00	$0.00	$0.00	$0.00	0 00%	$2,160.00	100.00%
907-608-D003	Stamped and Colored Concrete Sidewalk	26 0	SY	$155 00	$4,030.00	0.00	0 00	0 00	$0 00	$0.00	$0 00	0.00%	$4,030.00	100.00%
907-608-D003	Concrete Sidewalk, with Reinforcement	13 0	SY	$76.00	$988 00	0.00	0 00	0 00	$0.00	$0 00	$0.00	0 00%	$988.00	100.00%
					$70,808.00	0.00%	0.00%	0.00%	$0.00	$0.00	$0.00	0.00%	$70,808.00	100.00%
		TOTAL CONTRACT AMOUNT =			$2,095,667.45	8.65%	10.99%	19.63%	$181,191.50	$230,243.72	$411,435.22	19.63%	$1,684,232.23	80.37%

BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

Corporate Office
551 Sunnybrook Road
Ridgeland, MS 39157
Phone: (601) 856-9911
Fax: (601) 853-2077

Mailing Address
Post Office Box 12828
Jackson, MS 39236

www.bcdgeo.com

Materials Laboratory
278 Commerce Park Drive
Ridgeland, MS 39157
Phone: (601) 856-2332
Fax: (601) 856-3552

May 29, 2021
Project No: 000140810.010
Invoice No: 39542

Hemphill Construction
Attn: Tim Temple
Post Office Box 879
Florence, MS 39073-0879

Project 000140810.010 Rice Road Extension
Construction Materials Testing
Professional Services from April 25, 2021 to May 29, 2021
Fee

Total Fee	25,000.00		
		Total Earned	2,500.00
		Previous Fee Billing	0.00
		Current Fee Billing	2,500.00
		Total Fee	**2,500.00**
		Total this Invoice	**$2,500.00**

FILE COPY

BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

Corporate Office
551 Sunnybrook Road
Ridgeland, MS 39157
Phone: (601) 856-9911
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Mailing Address
Post Office Box 12828
Jackson, MS 39236

www.bcdgeo.com

Materials Laboratory
278 Commerce Park Drive
Ridgeland, MS 39157
Phone: (601) 856-2332
Fax: (601) 856-3552

June 19, 2021
Project No: 000140810.010
Invoice No: 39711

Hemphill Construction
Attn: Tim Temple
Post Office Box 879
Florence, MS 39073-0879

Project 000140810.010 Rice Road Extension
Construction Materials Testing
Professional Services from May 30, 2021 to June 19, 2021
Fee

Total Fee	25,000.00			
		Total Earned	4,000.00	
		Previous Fee Billing	2,500.00	
		Current Fee Billing	1,500.00	
		Total Fee		**1,500.00**
			Total this Invoice	**$1,500.00**

W.E.I. #: 0019127.000

CLIENT NAME: City of Ridgeland

PROJECT NAME: Avia Road Extension

NTP Date: 4/12/2021

Comp. Date: 11/7/2021

CONTRACTOR: Hemphill Construction

QUANTITIES FOR PAY REQUEST #: No. 3

WORK PERIOD: May 26, 2021 to June 25, 2021

Work Day

Calendar Days to Date:

Contract Time (cal. Days): 210

LINE NO	PAY ITEM NO	DESCRIPTION	UNIT	REVISED QUAN	UNIT COST	PREV TOTAL	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	0 24	MONTH TOTALS	JTD TOTALS	MONTHLY ESTIMATE
		COMMON ITEMS																																									
####	201-B001	CLEARING AND GRUBBING	ACRE	2	$ 15,000.00	1.56																																			0.00	1.56	$ -
####	202-B050	REMOVAL OF CONCRETE COMBINATION CURB AND GUTTER	LF	145	$ 10.00																																				0.00	0.00	$ -
####	202-B188	REMOVAL OF PAVEMENT, ALL TYPES AND DEPTHS	SY	310	$ 21.00																							260													260.00	260.00	$ 5,460.00
####	203-E0020	BORROW EXCAVATION, AH, FME, CLASS B9	CY	18,800	$ 12.50	1034	247	359	13				802										84	75		91	1380	1216	609	403			1042			858	1034				7,229.50	8,263.50	$ 90,368.75
####	203-G001	EXCESS EXCAVATION, FM, AH	CY	22,550	$ 9.00	4081	1119	1034	158				860													1486	1049	989	684	811			1078			824	1173	813			11,263.50	15,344.50	$101,371.50
####	211-B001	TOPSOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED	CY	500	$ 20.00																																				0.00	0.00	$ -
####	216-A001	SOLID SODDING	SY	1,700	$ 5.50																																				0.00	0.00	$ -
####	225-A001	GRASSING	ACRE	1.10	$ 3,000.00																																				0.00	0.00	$ -
####	226-A001	TEMPORARY GRASSING	ACRE	1	$ 1,100.00																																				0.00	0.00	$ -
####	234-A001	TEMPORARY SILT FENCE	LF	3,870	$ 3.75	3370																																			0.00	3,370.00	$ -
####	237-A002	WATTLES, 20"	LF	880	$ 8.00																									330			10								340.00	340.00	$ 2,720.00
####	307-C002	12" SOIL-LIME-WATER MIXING, CLASS C	SY	7,318	$ 4.00																																				0.00	0.00	$ -
####	307-D001	LIME	TON	198	$ 240.00																																				0.00	0.00	$ -
####	307-S001	BITUMINOUS CURING SEAL	GAL	1,270	$ 5.00																																				0.00	0.00	$ -
####	403-A002	12.5-MM, MT ASPHALT PAVEMENT	TON	820	$ 100.00																																				0.00	0.00	$ -
####	403-A005	19-MM, MT ASPHALT PAVEMENT	TON	2,193	$ 95.00																																				0.00	0.00	$ -
####	403-A014	9.5-MM, MT ASPHALT PAVEMENT	TON	1,024	$ 105.00																																				0.00	0.00	$ -
####	406-A002	COLD MILLING OF BITUMINOUS PAVEMENT, ALL DEPTHS	SY	4,180	$ 4.00																																				0.00	0.00	$ -
####	407-A001	ASPHALT FOR TACK COAT	GAL	1,788	$ 4.00																																				0.00	0.00	$ -
####	503-C010	SAW CUT, FULL DEPTH	LF	194	$ 7.00																																				0.00	0.00	$ -
####	801-B001	CLASS B STRUCTURAL CONCRETE, MINOR STRUCTURES	CY	122.24	$ 1,502.00																1.75																				1.75	1.75	$ 2,628.00
####	802-A001	REINFORCING STEEL	LB	9,819	$ 0.50																116.93																				116.93	116.93	$ 58.47
####	803-CA011	18" REINFORCED CONCRETE PIPE, CLASS III	LF	2,892	$ 41.00																																				0.00	0.00	$ -
####	803-CA028	24" REINFORCED CONCRETE PIPE, CLASS III	LF	248	$ 80.00																	44	54	54																	144.00	144.00	$ 8,640.00
####	803-CA040	30" REINFORCED CONCRETE PIPE, CLASS III	LF	164	$ 73.00																																				0.00	0.00	$ -
####	803-CB004	24" REINFORCED CONCRETE END SECTION	EA	1	$ 940.00																																				0.00	0.00	$ -
####	803-CB005	30" REINFORCED CONCRETE END SECTION	EA	1	$ 1,400.00																																				0.00	0.00	$ -
####	804-A001	CASTINGS	LB	2,930	$ 3.60																																				0.00	0.00	$ -
####	804-B001	GRATINGS	LB	454	$ 3.60																																				0.00	0.00	$ -
####	808-C001	DETECTABLE WARNING PANELS	SF	80	$ 45.00																																				0.00	0.00	$ -
####	807-808-D003	STAMPED AND COLORED CONCRETE SIDEWALK	SY	50	$ 155.00																																				0.00	0.00	$ -
####	809-D003	COMBINATION CONCRETE CURB AND GUTTER TYPE 2	LF	125	$ 25.00																																				0.00	0.00	$ -
####	809-D012	COMBINATION CONCRETE CURB AND GUTTER TYPE 3A MODIFIED, 30" WIDE	LF	3,500	$ 28.35																																				0.00	0.00	$ -
####	816-A001	CONCRETE MEDIAN AND/OR ISLAND PAVEMENT, 10-INCH	SY	10	$ 185.00																																				0.00	0.00	$ -
####	816-A004	CONCRETE MEDIAN AND/OR ISLAND PAVEMENT, 4-INCH	SY	83	$ 78.00																																				0.00	0.00	$ -
####	618-A001	MAINTENANCE OF TRAFFIC	LS	1	$ 80,000.00	0.00																																			0.00	0.00	$ -
####	619-A1002	TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE	LF	7,042	$ 0.55																																				0.00	0.00	$ -
####	619-A2002	TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW	LF	8,872	$ 0.55																																				0.00	0.00	$ -

W.E.I. #: 0001177.000

CLIENT NAME: City of Ridgeland

PROJECT NAME: Ellis Road Extension

NTP Date: 4/12/2021

Comp. Date: 11/7/2021

CONTRACTOR: Hemphill Construction

QUANTITIES FOR PAY REQUEST #: No. 3

WORK PERIOD: May 28, 2021 to June 26, 2021

Work Day

Calendar Days to Date:

Contract Time (cal Days): 210

LINE NO	PAY ITEM NO	DESCRIPTION	UNIT	REVISED QUAN	UNIT COST	PREV TOTAL	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	MONTH TOTALS	JTD TOTALS	MONTHLY ESTIMATE
		COMMON ITEMS																																									
####	619-A3002	TEMPORARY TRAFFIC STRIPE, SKIP WHITE	LF	600	$ 0.56																																				0.00	0.00	$ -
####	619-A5001	TEMPORARY TRAFFIC STRIPE, DETAIL	LF	2,148	$ 1.10																																				0.00	0.00	$ -
####	619-A8001	TEMPORARY TRAFFIC STRIPE, LEGEND	SF	518	$ 2.10																																				0.00	0.00	$ -
####	619-A8002	TEMPORARY TRAFFIC STRIPE, LEGEND	LF	572	$ 1.80																																				0.00	0.00	$ -
####	619-H1001	TRAFFIC SIGNALS	LS	1	$ 62,850.00																																				0.00	0.00	$ -
####	620-A001	MOBILIZATION	LS	1	$ 185,000.00	0.5																																			0.00	0.50	$ -
####	628-A003	6" THERMOPLASTIC TRAFFIC STRIPE, SKIP WHITE	LF	800	$ 1.05																																				0.00	0.00	$ -
####	628-B003	6" THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS WHITE	LF	881	$ 1.05																																				0.00	0.00	$ -
####	628-C003	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	LF	6,361	$ 0.75																																				0.00	0.00	$ -
####	628-E003	6" THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW	LF	6,972	$ 0.76																																				0.00	0.00	$ -
####	628-G002	THERMOPLASTIC STRIPE, DETAIL WHITE	LF	2,030	$ 2.10																																				0.00	0.00	$ -
####	628-G003	THERMOPLASTIC DETAIL STRIPE, YELLOW	LF	119	$ 2.10																																				0.00	0.00	$ -
####	628-H004	THERMOPLASTIC LEGEND, WHITE	SF	718	$ 4.75																																				0.00	0.00	$ -
####	628-H005	THERMOPLASTIC LEGEND, WHITE	LF	572	$ 3.15																																				0.00	0.00	$ -
####	627-K001	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	EA	55	$ 6.30																																				0.00	0.00	$ -
####	627-L001	TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	EA	52	$ 6.30																																				0.00	0.00	$ -
####	630-A003	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM 0.125" THICKNESS	SF	118	$ 31.50																																				0.00	0.00	$ -
####	630-C003	STEEL U-SECTION POSTS, 3.0 LB/FT	LF	184	$ 11.55																																				0.00	0.00	$ -
####	630-K002	WELDED AND SEAMLESS STEEL PIPE POSTS, 3"	LF	14	$ 132.00																																				0.00	0.00	$ -
####	907-632-A007	SOLID STATE TRAFFIC CABINET ASSEMBLY, TYPE III CABINET, TYPE 1 CONTROLLER	EA	1	$ 21,000.00																																				0.00	0.00	$ -
####	907-632-J001	POWER SERVICE PEDESTAL	EA	1	$ 4,200.00																																				0.00	0.00	$ -
####	907-632-P000	TRAFFIC SIGNAL REMOTE MONITORING SYSTEM	EA	1	$ 7,350.00																																				0.00	0.00	$ -
####	907-633-A001	UNINTERRUPTABLE POWER SUPPLY	EA	1	$ 12,800.00																																				0.00	0.00	$ -
####	907-634-A026	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE III(L), 22' SHAFT, 40' ARM	EA	1	$ 22,000.00																																				0.00	0.00	$ -
####	907-634-A031	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE III(L) 22' SHAFT, 35' ARM	EA	2	$ 27,300.00																																				0.00	0.00	$ -
####	907-634-A047	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II(L), 30' SHAFT, 55' ARM	EA	1	$ 28,500.00																																				0.00	0.00	$ -
####	907-634-C001	POLE FOUNDATIONS, CLASS "B" CONCRETE	CY	16	$ 830.00																																				0.00	0.00	$ -
####	635-A059	TRAFFIC SIGNAL HEAD, TYPE 1	EA	5	$ 840.00																																				0.00	0.00	$ -
####	635-A085	TRAFFIC SIGNAL HEAD, TYPE 2 FYA	EA	2	$ 1,260.00																																				0.00	0.00	$ -
####	635-A070	TRAFFIC SIGNAL HEAD, TYPE 3	EA	2	$ 1,260.00																																				0.00	0.00	$ -
####	635-A073	TRAFFIC SIGNAL HEAD, TYPE 4	EA	1	$ 1,260.00																																				0.00	0.00	$ -
####	635-A076	TRAFFIC SIGNAL HEAD, TYPE 8	EA	2	$ 840.00																																				0.00	0.00	$ -
####	907-636-B014	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 5 CONDUCTOR	LF	292	$ 1.05																																				0.00	0.00	$ -
####	907-636-B018	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 8 CONDUCTOR	LF	976	$ 3.15																																				0.00	0.00	$ -
####	907-636-B034	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, PTZ CAMERA	LF	85	$ 5.25																																				0.00	0.00	$ -
####	907-636-B037	ELECTRIC CABLE, UNDERGROUND IN CONDUIT THHN AWG #10, 2 CONDUCTOR	LF	728	$ 2.10																																				0.00	0.00	$ -
####	907-636-B058	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #6, 3 CONDUCTOR	LF	90	$ 7.35																																				0.00	0.00	$ -
####	907-637-A002	PULLBOX ENCLOSURE, TYPE 2	EA	4	$ 630.00																																				0.00	0.00	$ -

W.E.I. #: 003177.000

CLIENT NAME: City of Ridgeland

PROJECT NAME: Site Road Extension

NTP Date: 4/12/2021

Comp. Date: 11/7/2021

CONTRACTOR: Memphis Contractors

QUANTITIES FOR PAY REQUEST #: No. 3

WORK PERIOD: May 26, 2021 to June 28, 2021

Work Day

Calendar Days to Date:

Contract Time (cal Days): 210

LINE NO	PAY ITEM NO	DESCRIPTION	UNIT	REVISED QUAN	UNIT COST	PREV TOTAL	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	MONTH TOTALS	JTD TOTALS	MONTHLY ESTIMATE
		COMMON ITEMS																																									
####	907-637-A003	PULLBOX ENCLOSURE, TYPE 3	EA	2	$ 945.00																																				0.00	0.00	$ -
####	907-637-C003	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, PVC COATED, 2"	LF	35	$ 15.75																																				0.00	0.00	$ -
####	907-637-C004	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, PVC COATED, 3"	LF	142	$ 11.55																																				0.00	0.00	$ -
####	907-637-C011	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, ROLLED PIPE, 3"	LF	824	$ 13.65																																				0.00	0.00	$ -
####	907-643-A004	VIDEO VEHICLE DETECTION SENSOR, TYPE 1A	EA	2	$ 4,830.00																																				0.00	0.00	$ -
####	907-643-B001	VIDEO VEHICLE DETECTION CABLE	LF	440	$ 3.15																																				0.00	0.00	$ -
####	907-643-E001	MULTI-SENSOR VEHICLE DETECTION SENSOR	EA	2	$ 12,600.00																																				0.00	0.00	$ -
####	907-643-F001	MULTI-SENSOR VEHICLE DETECTION CABLE	LF	488	$ 3.15																																				0.00	0.00	$ -
####	907-645-B001	ACCESSIBLE PEDESTRIAN DETECTION ASSEMBLY	EA	2	$ 945.00																																				0.00	0.00	$ -
####	847-A001	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	1	$ 4,200.00																																				0.00	0.00	$ -
####	907-650-A003	ON STREET VIDEO EQUIPMENT, PTZ TYPE	EA	1	$ 5,250.00																																				0.00	0.00	$ -
####	907-653-A001	TRAFFIC SIGN	SF	34	$ 20.00																																				0.00	0.00	$ -
####	907-653-B001	STREET NAME SIGN	SF	53	$ 74.00																																				0.00	0.00	$ -
####	907-659-A001	TRAFFIC MANAGEMENT CENTER MODIFICATIONS	LS	1	$ 15,750.00																																				0.00	0.00	$ -
####	907-659-C001	TRAFFIC MANAGEMENT CENTER MODIFICATIONS - TRAINING	LS	1	$ 10,000.00																																				0.00	0.00	$ -
####	907-661-B002	FIBER OPTIC DROP CABLE, 12 SM	LF	50	$ 7.35																																				0.00	0.00	$ -
####	907-663-A001	NETWORK SWITCH, TYPE A	EA	1	$ 7,200.00																																				0.00	0.00	$ -
####	999	MATERIALS TESTING ALLOWANCE	ALLOW	1	$ 25,000.00																																				0.00	0.00	$ -
####	609-D011	COMBINATION CONCRETE C&G, TYPE 3A (CO #1) 24" wide	LF	253	$ 27.00																																						$ -
####	825-E001	DETAIL TRAFFIC STRIPE (CO#1) (THERMOPLASTIC)	LF	548	$ 2.50																																						$ -
####	97-258-N001	CAR STOP (CO#1)	EA	4	$ 135.00																																						$ -
####	683-A000	ELECTRICAL FIXTURE (CO# 1)	EA	1	$ 3,100.00																																						$ -
####	699-A001	PARKING LOT CONSTRUCTION SURVEY (CO #1)	EA	1	$ 1,500.00																																						$ -
####	221-A001	CONCRETE PAVED DITCH (CO #1)	CY	4	$ 795.00																																						$ -
####	609-D011	COMBINATION CONCRETE CURB & GUTTER, TYPE 3A (CO#1) 24" wide (HAND FORM)	LF	353	$ 38.50																																						$ -
####	815-A001	LOOSE RIP-RAP, NORMAL 8" (CO#1)	TON	4	$ 100.00																																						$ -
####	815-E001	GEOTEXTILE UNDER RIPRAP (CO#1)	SY	7	$ 5.00																																						$ -
####	800-A100	OUTFALL DETENTION POND (CO#1)	LS	1	$ 38,235.00																																				0.00	0.00	$ -
																																									0.00	0.00	$ -
																																									0.00	0.00	$ -
																																									0.00	0.00	$ -
																																									0.00	0.00	$ -
																																									0.00	0.00	$ -

the city of RIDGELAND

police department

July 14, 2021

TO: Mayor & Board of Aldermen

FROM: John R. Neal, Chief of Police

SUBJECT: Lease Agreement – Harley Davidson

Please review for approval the attached Lease Agreement between the City of Ridgeland and Harley-Davidson of Central MS.

This agreement is for two (2) Harley Davidson motorcycles to be operated by Traffic Unit Officers. Once the agreement is approved and signed, the two (2) motorcycles will be ordered and an addendum will be submitted containing the vehicle identification numbers for each leased motorcycle.

Your consideration and approval is greatly appreciated.

Attachment (2)

CC: Craig Cotten

115 west school street · ridgeland, ms 39157
ph: 601.856.2121 · www.ridgelandms.org

Gene F. McGee, cmo - mayor · John R. Neal - chief of police
board of aldermen: D.I. Smith, cmo - at-large · Ken Heard, cmo - ward 1 · Chuck Gautier, cmo - ward 2
Kevin Holder, cmo - ward 3 · Brian P. Ramsey, cmo - ward 4 · Bill Lee - ward 5 · Wesley Hamlin, cmo, mayor pro tempore - ward 6

MOTORCYCLE LEASE AGREEMENT

This Lease Agreement (the "lease") is made and entered into this the _____ day of _____2021, by and between Harley-Davidson of Central Mississippi. 3509 I-55 South, Jackson, Mississippi 39212, herein after referred to as "Dealer or Lessor, and __The City of Ridgeland_____, herein after referred to as "the Office or Lessee", whose address is P.O. Box 217 Ridgeland, Ms. 39158 _for the lease of Harley Davidson Police Motorcycle(s), herein after referred to as "the vehicle(s)" for use by the Office/Lessee's authorized and licensed employees in the performance of their police related/law enforcement duties. An addendum hereto contains the vehicle identification number(s) for the leased vehicle(s).

WITNESSETH:

1. TERM OF LEASE: The term of this Lease shall be for a period of 24 or 36 months, commencing when the leased vehicles are picked up from the Dealer by Lessee and properly signed for and received by the Lessee. At the end of this agreement, upon mutual consent of the parties hereto, the vehicles may be replaced with the newest model available. Lessee shall have the right to extend the term of this Lease, provided that Lessor agrees, upon the same terms and conditions as provided herein. In the event the Lessee elects to exercise its option to renew the terms herein, then Lessee shall notify in writing of such intent no later than thirty (30) days prior to the end of this agreement. Vehicle can also be purchased at the end of the lease.

2. PAYMENT: Lessee shall pay to Lessor at the above stated address a monthly lease payment for said vehicle(s) in the amount of __Three Hundred Fifty__dollars _($350.00_), per month per vehicle until the termination of this agreement. In the event the Lessee is subject to a budgetary constraint, Lessor would at said time consider an alternative payment plan upon written notice to Lessor by Lessee, and an explanation in writing of said budgetary constraints.

3. MISCELLANEOUS: Lessee agrees to pay for all official fees in connection with the certificate of title, registration and license fees and any applicable taxes for the leased vehicle(s). Lessor agrees to waive all charges with respect to freight and dealer prep of the vehicle(s) except those cost associated with the installation or removal of a police package, the cost of said package to be in the amount of $____N/A_____ per vehicle.

4. MAINTENANCE, REPAIRS and OPERATING EXPENSES: Lessee is responsible for and agrees to pay for all maintenance and repairs to keep the vehicles in good working order and condition and other expenses associated with operating the vehicle(s). Lessee agrees to service the vehicles(s) according to the vehicle(s) according to the manufacturer's recommendations as outlined in the owner's manual for the vehicles(s), and as requested by the manufacturer in any recall campaign. Lessee's use or repair of the vehicle(s) must not invalidate any warranty. There are no mileage restrictions placed on the leased vehicle(s).

Any and all invoices or copies of the original invoices for services performed anywhere other than the leasing dealer, must be presented to the leasing dealer within (7) working days of the invoice by fax or mail. The leasing dealer shall perform all warranty repairs.

5. USE and SUBLEASING: Lessee agrees the vehicle(s) **(A)** will be operated by authorized licensed drivers employed by the Lessee as law-enforcement officers; **(B)** will be keep free of all fines, liens and encumbrances; **(C)** will not be used illegally, improperly, for hire or contrary to the manufacturer's recommendations; and **(D)** will not be altered, marked or have equipment installed on them without Lessor's consent. Lessor does consent to have Lessee install police equipment and police decals, to be properly removed at the end of the lease term and the time of turn in of vehicles(s) at the sole expense of the Lessee.

6. INSURANCE: During the term of the Lease, Lessee must maintain public liability and physical damage insurance on the vehicle(s) that covers both Lessee and Lessor. Harley-Davidson of Central Mississippi, 3509 I-55 South, Jackson, Mississippi 39212, must be listed as Lienholder of each vehicle. Lessee agrees that the Department's own liability and personal injury protection insurance will provide primary insurance coverage up to its full policy limits. Lessor must be named as "additional insured" and "loss payee" on Department's insurance policy. Lessee will provide Lessor with evidence of this insurance within (5) business days of the date of this lease agreement. Lessee's insurance policy must provide that Lessor will be notified in writing at least ten (10) days before the insurance is cancelled or coverage altered and that lessor, or its representatives, may have full access to any claim file in the event of an insurable loss.

7. NOTICE of ACCIDENTS and COOPERATION: Lessee agrees to cooperate fully with Lessor and any insurance company in the investigation and defense of any and all claims arising from their possession and use of the vehicle(s). Lessee will make a complete report to Lessor within 48 hours after any accident, theft, or loss involving the vehicle(s).

8. INDEMNIFICATION: Lessee agrees, to the extent permitted by state law, to indemnify and hold Lessor, its affiliates, assignees, officers, agents and employees harmless from all loses, liability, damages, injuries, claims, demands and expenses, including attorney's fees, arising out of the use of the vehicle(s) while in the care, custody or control of the Lessee.

Lessor agrees, to the extent permitted by state law, to indemnify and hold Lessee, its affiliates, assignees, officers, agents and employees harmless from all loses, liability, damages, injuries, claims, demands and expenses, including attorney's fees, arising out of the use of the vehicle(s) while in the care, custody or control of the Lessor when said vehicle(s) is being serviced and/or repaired by Lessor.

9. LIMITATION of LIABILITY: Lessor shall not be liable for any indirect or consequential damages or inconvenience which may result to Lessee from any damages to, or defect in, the vehicle(s) for the time needed to repair or service the vehicle(s). Monthly lease payments shall continue and not be reduced or delayed during this time.

10. RETURN of THE VEHICLE(S): At the end of the Lease, the Office/Lessee shall return the vehicle(s) to Lessor in good condition, without damage, excessive wear or use and with all original equipment installed by the manufacturer. The Office/Lessee shall pay any and all charges to return vehicle(s) to proper and safe condition as deemed necessary in the sole determination of the Lessor.

11. Vehicle(s) must be picked up and returned by Lessee, whose representative is authorized for signing for the pick up and return and/or repairs to vehicle(s).

12. The parties hereto agree that this agreement is entered into in the First Judicial District of Hinds County, Mississippi, and that all terms and conditions hereto shall be determined by the laws of the State of Mississippi, and in the event any term is declared null and void, the remainder of this agreement shall not be effected thereby.

13. The authorized representative of the Office/Lessee declares hereto that he/she is authorized to enter into this agreement on behalf of the Office/Municipality/Sheriff's Office, and/or State Agency entering into this agreement.

This the _____day of _____, 20____.

HARLEY DAVIDSON OF CENTRAL MISSISSIPPI

3509 I-55 SOUTH

JACKSON, MS. 39212

601-372-5770

By:_____

Homer Orr, Manager Police/
Fleet Sales and Leasing

_____

Office/Lessee

By:_____

Title:_____

the city of RIDGELAND

police department

July 14, 2021

TO: Mayor & Board of Aldermen

FROM: John R. Neal, Chief of Police

SUBJECT: Special Event Permit- Ardenland, Twilight Concerts at Renaissance

Please review the attached Special Event Permit Application from Arden Barnett with Ardenland, to conduct an outside concert on Friday, July 30, 2021, in the green space of Renaissance adjacent to 1-55 Frontage Road. The event will take place beginning at 5:00 pm and concluding by 11:00 pm.

Mr. Barnett is expecting a crowd of approximately 1,000 to 1,300. Portable restrooms will be on site and a cleaning service has been hired for the duration of event, as well as checking the site the following morning. Four Top Catering will be selling alcohol at the event and Mr. Barnett is taking the appropriate steps to comply with the city's ordinance regarding go cups.

Food vendors for the event include; Newk's Eatery, Jersey Mike's Subs, Boo's Smokehouse, Schmidt's & Jiggles and Green Ghost Tacos. Bob McFarland will be responsible for ensuring that everything is in compliance with the city's mobile food vending ordinance. Information should be provided as soon as its available.

This event will generate overtime for the police department and will require seven (7) officers for approximately seven (7) hours each. At an average rate of $27.00 per hour, the approximate cost for overtime will be $1,323.00. The use of reserve officers will be made if they are available.

Attached documents include the Special Event Permit Application, Permit to Play on Premises Music, as well as an overview map of the event location. Checks in the amounts of $100.00 and $1,000.00 representing the filing fee and bond fee were received with the application.

Attachments (3)

115 west school street • ridgeland, ms 39157
ph: 601.856.2121 • www.ridgelandms.org

Gene F. McGee, cmo - mayor • John R. Neal - chief of police
board of aldermen: D.I. Smith, cmo - at-large • Ken Heard, cmo - ward 1 • Chuck Gautier, cmo - ward 2
Kevin Holder, cmo - ward 3 • Brian P. Ramsey, cmo - ward 4 • Bill Lee - ward 5 • Wesley Hamlin, cmo, mayor pro tempore - ward 6

the city of RIDGELAND

CITY OF RIDGELAND
SPECIAL EVENT PERMIT APPLICATION

(Please allow minimum 30 days for approval)

EVENT NAME: Twilight Concert Series

EVENT LOCATION: Renaissance

EVENT DATE: Beginning 07/30/2021 to Ending 07/30/2021 Multiple Days: ☐ YES ☒ NO

EVENT HOURS: Beginning 5:00pm to Ending 11:00pm

TYPE OF EVENT: music concert

EVENT POINT OF CONTACT: Arden Barnett CELL NUMBER: 601-316-4243

(This person must remain on scene during the entire event)

NAME OF ORGANIZATION: Ardenland

ADDRESS: 622 Duling ~~Av~~ Avenue Suite 212 CITY/STATE/ZIP: Jackson, MS 39216

ESTIMATED CROWD SIZE: 1000-1300 NUMBER OF EVENT PERSONNEL: will be based on ticket sales

ARRANGEMENTS FOR RESTROOM FACILITIES: ☒ YES ☐ NO LOCATION: multiple RR trailers will be placed around site w/ attendees

ARRANGEMENTS FOR SITE CLEAN-UP: ☒ YES ☐ NO DETAILS: I have a professional cleaning crew that will be on site from the start of the event & will remain on site until clean. A return trip on the following morning at daylight to do a spot check.

RECYCLING PROGRAM FOR WASTE

☒ YES ☒ NO DETAILS: ~~We have a designated company to manage recycling~~

The City of Ridgeland will assist organizers in planning and locating recycle bins for recyclable waste through local companies. Event organizers are encouraged to maintain the City of Ridgeland's vision of a green environment by having your event recycle its waste.

MOBILE FOOD VENDING ☐ YES ☐ NO Bob McFarland already sent

In the event organizer will utilize mobile food vending services as part of this special event, complete section below. In accordance with the City of Ridgeland Mobile Food Vending Ordinance, the following vendors have complied with the requirements set forth in ordinance Chapter 22, Article V (Mobile Food Vending) for obtaining a Special Event Mobile Food Vending Permit from the City of Ridgeland.

MOBILE FOOD VENDOR NAME:

Photocopy of City of Ridgeland Food Vending Permit (Required): ☐ YES ☐ NO

Photograph(s) of Mobile Food Vehicle or Pushcart (Optional but suggested): ☐ YES-Attached ☐ NO

MOBILE FOOD VENDOR NAME:

Photocopy of City of Ridgeland Food Vending Permit (Required): ☐ YES ☐ NO

Photograph(s) of Mobile Food Vehicle or Pushcart (Optional but suggested): ☐ YES-Attached ☐ NO

MOBILE FOOD VENDOR NAME:_____

Photocopy of City of Ridgeland Food Vending Permit (Required): ☐ YES ☐ NO

Photograph(s) of Mobile Food Vehicle or Pushcart (Optional but suggested): ☐ YES-Attached ☐ NO

MOBILE FOOD VENDOR NAME:_____

Photocopy of City of Ridgeland Food Vending Permit (Required): ☐ YES ☐ NO

Photograph(s) of Mobile Food Vehicle or Pushcart (Optional but suggested): ☐ YES-Attached ☐ NO

(If additional Mobile Food Vendors will be present, attach a separate sheet with the above information included)

UNMANNED AIRCRAFT SYSTEM – DRONE USAGE

Will the organizers of this event use the services of an UAS (unmanned aircraft system): ☐ YES ☒ NO

If Yes, who is the operator of the system:_____ Cell Number:_____

If an UAS/Drone will be utilized, a copy of the following required documents must be attached to this application:

Section 333 Exemption or Aircraft Certification

- Certificate of Authorization (COA)
- Aircraft Registration and Markings
- Pilot Certificate

FIRST AID/MEDICAL STATION(s): ☒ YES ☐ NO LOCATION(s): We will have a first aid tent staffed by AMR on site.

POLICE/SECURITY PERSONNEL REQUIRED: TBD ☒ Police Dept. Assigned ☒ Self-Hired ☐ Not Applicable

ASSISTANCE FROM OTHER CITY DEPARTMENTS: ☐ Fire Department ☐ Public Works/Streets ☐ Recreation/Parks

Applicant Printed Name: Arden Barnett Contact Number: 601-316-4243

Applicant Signature:_____ Date: 07/08/2021

Application Instructions

1). You must present to the Chief of Police or his designee your plan for parking and traffic control. You must state in this plan whether or not police or private security personnel will be needed to direct and handle traffic and parking.

2). City of Ridgeland Special Events Ordinance section 10-33(2) requires adequate security be provided at special events. This requirement is one security officer for every 400 people in attendance. A private security company may be used but preference shall be given to the hiring of off duty personnel. The assistance from Ridgeland Police Department for road course races/walks to secure intersections shall not be considered as part of the security requirement. The personnel assigned for traffic control are in addition to any requirement for on-site security personnel required in the ordinance.

3). If the event is to have outdoor music, a Permit to Play on Premises Music will be required from the applicant agreeing to comply with the noise ordinance of the City of Ridgeland, MS.

4). If there is a need for Police Dept., Fire Dept., Public Works Dept. and/or Rec/Parks Dept. personnel to work in controlling the special event, the applicant will agree to pay this cost from the filing of a bond fee.

5). The applicant may be required to post a bond fee in the minimum amount of one thousand dollars ($1,000.00) with the City Clerk. This is to ensure that the event area is immediately cleaned up after its conclusion, and any City employee who works overtime as a result of the special event, will be compensated from the bond proceeds.

6). Submit the above application and information to the Office of the Chief of Police with a non-refundable filing fee of one hundred dollars ($100.00) along with the above referenced bond fee. This application will be forwarded to the Patrol Division Commander or a designee who will review the application for all required documentation. This application and documentation will be presented to the Ridgeland Board of Aldermen for subsequent approval. **Please allow a minimum of 30 days to complete the process and receive approval.**

7). Event organizers should submit a map outlining the area where an event is to be held. Points of interest (entrance/exit points, first aid stations, etc…) shall be included on this map. If the event is a road race/walk, a map reflecting the proposed course route along with a description of the route shall be included. If any portion of the route will include sections of the Natchez Trace Parkway, you must first obtain approval from the Natchez Trace Chief (phone no. 662-680-4014; Ridgeland office 601-856-7321) and documentation reflecting this approval must be submitted with this application.

8). If the event is to be held at Old Trace Park and/or Madison Landing, you must first seek approval from PRVWSD Parks and Recreation (601-856-6319) and obtain a Facility Use Application which must be submitted with this application.

9). The number of event personnel will represent the number of people from the organization who will be assisting with the overall operation of the event. This will include any volunteers from the organization.

10). The arrangements for restroom facilities as addressed in the Ridgeland Code of Ordinances indicate 1 restroom per 150 people in attendance. These may be portable restrooms or existing restroom structures.

11). The event organizer or organization will be responsible for clean-up at the conclusion of the event. The City of Ridgeland encourages organizations to participate in a recycle program for any waste or debris to be discarded.

12). The first aid station located on the event site shall be manned by a state certified EMT.

13). The number of police/security personnel shall be determined by the expected crowd size. The event organizer may staff the event to satisfy this requirement through off-duty law enforcement personnel. The Ridgeland Police Department will assist the organizers if they choose the police department assigned option, or the event organizers may choose the self-hire option to select their own personnel to comply with the ordinance.

14). In accordance with City of Ridgeland Mobile Food Vending Ordinance (Chapter 22, Article V), any special event organizer who utilizes the services of a mobile food truck or pushcart must comply with the requirements under this above referenced section. If you utilize the services of a mobile food vendor, the applicant named on this permit will ensure the requirements under section 22-203 (b) are met and obtain a Special Event Mobile Food Vending Permit from the City of Ridgeland Department of Finance and Administration.

For Police Department Use Only

This application was received by the Ridgeland Police Department on 7/8/21 1240 _____ and has been reviewed by the appropriate personnel. This application has been ~~APPROVED~~ / DENIED by the Chief of Police or Designee. If approved by Ridgeland PD, this application will be submitted for consideration at the Ridgeland Mayor and Board of Alderman meeting to be held on 20th July 2021.

Chief of Police or Designee: _____ DATE: 14 July 2021

Number of Overtime Officers: _____ Estimated OT Cost: _____

Additional Overtime Cost for City Departments: FIRE_____ P/W_____ REC/PARKS_____

the city of RIDGELAND

CITY OF RIDGELAND
APPLICATION FOR
PERMIT TO PLAY ON PREMISES MUSIC

(Please allow minimum 30 days for approval)

DATE OF APPLICATION: 07/08/2021

EVENT NAME: Twilight Concert Series

EVENT LOCATION: Renaissance

DESCRIPTION OF ON-PREMISES ACTIVITY: music concert

DATE OF ACTIVITY: Beginning 07/30/2021 to Ending 07/30/2021

HOURS OF ACTIVITY: Beginning 5:00pm to Ending 11:00pm

ACTIVITY POINT OF CONTACT: Arden Barnett CELL NUMBER: 601-316-4243

(This person must remain on scene during the entire event)

NAME OF ORGANIZATION: Ardenland

ADDRESS: 622 Duling Avenue Suite 212 CITY/STATE/ZIP: Jackson, MS 39216

https://library.municode.com/ms/ridgeland/codes/code_of_ordinances?nodeId=CO_CH46EN_ARTIVNO

Event organizers should become familiar with the City of Ridgeland Noise Ordinance to ensure compliance with law.

PROVIDE FACTS THAT WOULD SHOW THE ACTIVITY FOR WHICH THE PERMIT IS REQUESTED WOULD NOT DISTURB THE PEACE OF ANY FAMILY OR PERSON WITHIN THE AREA INTO WHICH SOUND SHALL CARRY: The concert will take place away from any residential areas.

THE CHIEF OF POLICE SHALL HAVE THE AUTHORITY TO REVOKE ANY PERMIT ISSUED.

Applicants Signature: Arden Barnett Date: 07/08/2021

☑ APPROVED

☐ DENIED

Chief of Police or Designee:: [signature]

Date: 14 JULY 2021

In the event a permit is denied, the applicant may appeal the decision to the Mayor and Board of Aldermen. Any such appeal shall be taken not more than ten (10) days from the denial of a permit by giving written notice of the appeal to the Ridgeland City Clerk.

TWILIGHT CONCERTS AT RENAISSANCE

STAGE

Sponsor/VIP

A				1	2	3	4	5				
B			6	7	8	9	10	11	12	13		
C			14	15	16	17	18	19	20			
D		21	22	23	24	25	26	27	28	29		
E	30	31	32	33	34	35	36	37	38	39	40	41

Tier 1

F		42	43	44			45	46	47	48	49	50	51
G	200	52	53	54			55	56	57	58	59	60	
H	201	61	62	63			64	65	66	67	68	69	
I	202	70	71	72			73	74	75	76	77	78	
J	203	79	80	81	82	83	84	85	86	87	88	89	
K	204	90	91	92	93	94	95	96	97	98	99	100	101

Tier 2

L	205	102	103	104	105	106	107	108	109	110	111	112	113
M	206	114	115	116	117	118	119	120	121	122	123	124	125
N	R	126	127	128	129	130	131	132	133	134	135	136	137
O		138	139	140	141	142	143	144	145	146	147	148	149
P		150	151	152	153	154	155	156	157	158	159	160	161
Q		162	163	164	165	166	167	168	169	170	171	172	173

GA 1

GA 2

CAET VIP

1		300	301	302
2	303	304	305	306
3	307	308	309	310
4		311	312	313
5		314	315	316
6		317	318	319

FOOD

N
W E
S

Megan Spears

From: Bob McFarland <bobmcfarland2@hotmail.com>
Sent: Thursday, July 8, 2021 8:30 AM
To: Megan Spears
Cc: arden@ardenland.net
Subject: Twilight Concerts at Renaissance

Caution! This message was sent from outside your organization.

Hi Megan,

I hope you are well. The food vendors at the next Twilight Concert at Renaissance scheduled Saturday, July 17 will be Newk's Eatery, Jersey Mike's Subs, and Boo's Smokehouse BBQ. Newk's and Jersey Mike's will not be using a food truck or trailer so they will not be submitting the application for the temporary food vendor permit. The application for the permit was submitted for Boo's Smokehouse BBQ.

There is another show on Friday, July 30. The food vendors will include the three mentioned above plus Schmidt's & Jiggles and Green Ghost Tacos. We asked Boo's Smokehouse BBQ, Schmidt's & Jiggles and Green Ghost Tacos to submit their applications a few weeks ago.

Please let me know if you need any additional information. Thank you.

Bob McFarland

the city of RIDGELAND

police department

July 14, 2021

TO: Mayor & Board of Aldermen

FROM: John R. Neal, Chief of Police

SUBJECT: Special Event Permit – Word of Life Invite Weekend

I have attached a Special Event Permit application from London Pearson with Word of Life Church. The event is a church function scheduled for Sunday, August 22, 2021 at their campus, 670 Highland Colony Parkway beginning at 8:30 a.m. and ending at 2:30 p.m.

Ms. Pearson is expecting a crowd of approximately 200. Arrangements have been made for event cleanup by volunteers, as well as adequate restroom facilities on site. Ms. Pearson indicated food vendors (2 for 7, Chunky Dunks, T & J Concessions and Hog Heaven) will be on site, and will provide application forms to City Hall.

This event will not generate overtime for the police department. The on-duty shift personnel will conduct periodic patrols of the area.

Checks in the amounts of $100.00 and $1,000.00 representing the filing fee and bond fee were received with the Permit to Play Music and Special Event Permit Application. Copies of the Mobile Food Vending Applications provided by Ms. Pearson are also included.

Your consideration and approval will be greatly appreciated.

CC: Lt. Brian Myers

Attachments (5)

115 west school street · ridgeland, ms 39157
ph: 601.856.2121 · www.ridgelandms.org

Gene F. McGee, cmo - mayor · John R. Neal - chief of police
board of aldermen: D.I. Smith, cmo - at-large · Ken Heard, cmo - ward 1 · Chuck Gautier, cmo - ward 2
Kevin Holder, cmo - ward 3 · Brian P. Ramsey, cmo - ward 4 · Bill Lee - ward 5 · Wesley Hamlin, cmo, mayor pro tempore - ward 6

the city of RIDGELAND

CITY OF RIDGELAND
SPECIAL EVENT PERMIT APPLICATION

(Please allow minimum 30 days for approval)

EVENT NAME: Word of Life - Invite Weekend

EVENT LOCATION: 670 Highland Colony Parkway, Ridgeland, MS 39157

EVENT DATE: Beginning August 22 to Ending August 22 Multiple Days: ☐ YES ☒ NO

EVENT HOURS: Beginning 8:30 to Ending 2:30

TYPE OF EVENT: Church Function

EVENT POINT OF CONTACT: Ryan Lamberson CELL NUMBER: 601-421-2627
(This person must remain on scene during the entire event)

NAME OF ORGANIZATION: Word of Life Church

ADDRESS: 670 Highland Colony Parkway CITY/STATE/ZIP: Ridgeland, MS 39157

ESTIMATED CROWD SIZE: 200 NUMBER OF EVENT PERSONNEL: ~~10~~ 50

ARRANGEMENTS FOR RESTROOM FACILITIES: ☑ YES ☐ NO LOCATION:

ARRANGEMENTS FOR SITE CLEAN-UP: ☑ YES ☐ NO DETAILS:

RECYCLING PROGRAM FOR WASTE

☐ YES ☒ NO DETAILS:

The City of Ridgeland will assist organizers in planning and locating recycle bins for recyclable waste through local companies. Event organizers are encouraged to maintain the City of Ridgeland's vision of a green environment by having your event recycle its waste.

MOBILE FOOD VENDING ☑ YES ☐ NO

In the event organizer will utilize mobile food vending services as part of this special event, complete section below. In accordance with the City of Ridgeland Mobile Food Vending Ordinance, the following vendors have complied with the requirements set forth in ordinance Chapter 22, Article V (Mobile Food Vending) for obtaining a Special Event Mobile Food Vending Permit from the City of Ridgeland.

MOBILE FOOD VENDOR NAME: TBD
Photocopy of City of Ridgeland Food Vending Permit (Required): ☐ YES ☐ NO
Photograph(s) of Mobile Food Vehicle or Pushcart (Optional but suggested): ☐ YES-Attached ☐ NO

MOBILE FOOD VENDOR NAME: TBD
Photocopy of City of Ridgeland Food Vending Permit (Required): ☐ YES ☐ NO
Photograph(s) of Mobile Food Vehicle or Pushcart (Optional but suggested): ☐ YES-Attached ☐ NO

MOBILE FOOD VENDOR NAME: TBD

Photocopy of City of Ridgeland Food Vending Permit (Required): ☐ YES ☐ NO

Photograph(s) of Mobile Food Vehicle or Pushcart (Optional but suggested): ☐ YES-Attached ☐ NO

MOBILE FOOD VENDOR NAME: _____

Photocopy of City of Ridgeland Food Vending Permit (Required): ☐ YES ☐ NO

Photograph(s) of Mobile Food Vehicle or Pushcart (Optional but suggested): ☐ YES-Attached ☐ NO

(If additional Mobile Food Vendors will be present, attach a separate sheet with the above information included)

UNMANNED AIRCRAFT SYSTEM – DRONE USAGE

Will the organizers of this event use the services of an UAS (unmanned aircraft system): ☐ YES ☒ NO

If Yes, who is the operator of the system: _____ Cell Number: _____

If an UAS/Drone will be utilized, a copy of the following required documents must be attached to this application:

Section 333 Exemption or Aircraft Certification

- Certificate of Authorization (COA)
- Aircraft Registration and Markings
- Pilot Certificate

FIRST AID/MEDICAL STATION(s): ☒ YES ☐ NO LOCATION(s): Some on site volunteers have medical training.

POLICE/SECURITY PERSONNEL REQUIRED: _____ ☐ Police Dept. Assigned ☒ Self-Hired ☐ Not Applicable

ASSISTANCE FROM OTHER CITY DEPARTMENTS: ☐ Fire Department ☐ Public Works/Streets ☐ Recreation/Parks

Applicant Printed Name: London Pearson Contact Number: 601-209-7432

Applicant Signature: London Pearson Date: 6/3/21

Application Instructions

1). You must present to the Chief of Police or his designee your plan for parking and traffic control. You must state in this plan whether or not police or private security personnel will be needed to direct and handle traffic and parking.

2). City of Ridgeland Special Events Ordinance section 10-33(2) requires adequate security be provided at special events. This requirement is one security officer for every 400 people in attendance. A private security company may be used but preference shall be given to the hiring of off duty personnel. The assistance from Ridgeland Police Department for road course races/walks to secure intersections shall not be considered as part of the security requirement. The personnel assigned for traffic control are in addition to any requirement for on-site security personnel required in the ordinance.

3). If the event is to have outdoor music, a Permit to Play on Premises Music will be required from the applicant agreeing to comply with the noise ordinance of the City of Ridgeland, MS.

4). If there is a need for Police Dept., Fire Dept., Public Works Dept. and/or Rec/Parks Dept. personnel to work in controlling the special event, the applicant will agree to pay this cost from the filing of a bond fee.

5). The applicant may be required to post a bond fee in the minimum amount of one thousand dollars ($1,000.00) with the City Clerk. This is to ensure that the event area is immediately cleaned up after its conclusion, and any City employee who works overtime as a result of the special event, will be compensated from the bond proceeds.

6). Submit the above application and information to the Office of the Chief of Police with a non-refundable filing fee of one hundred dollars ($100.00) along with the above referenced bond fee. This application will be forwarded to the Patrol Division Commander or a designee who will review the application for all required documentation. This application and documentation will be presented to the Ridgeland Board of Aldermen for subsequent approval. **Please allow a minimum of 30 days to complete the process and receive approval.**

7). Event organizers should submit a map outlining the area where an event is to be held. Points of interest (entrance/exit points, first aid stations, etc…) shall be included on this map. If the event is a road race/walk, a map reflecting the proposed course route along with a description of the route shall be included. If any portion of the route will include sections of the Natchez Trace Parkway, you must first obtain approval from the Natchez Trace Chief (phone no. 662-680-4014; Ridgeland office 601-856-7321) and documentation reflecting this approval must be submitted with this application.

8). If the event is to be held at Old Trace Park and/or Madison Landing, you must first seek approval from PRVWSD Parks and Recreation (601-856-6319) and obtain a Facility Use Application which must be submitted with this application.

9). The number of event personnel will represent the number of people from the organization who will be assisting with the overall operation of the event. This will include any volunteers from the organization.

10). The arrangements for restroom facilities as addressed in the Ridgeland Code of Ordinances indicate 1 restroom per 150 people in attendance. These may be portable restrooms or existing restroom structures.

11). The event organizer or organization will be responsible for clean-up at the conclusion of the event. The City of Ridgeland encourages organizations to participate in a recycle program for any waste or debris to be discarded.

12). The first aid station located on the event site shall be manned by a state certified EMT.

13). The number of police/security personnel shall be determined by the expected crowd size. The event organizer may staff the event to satisfy this requirement through off-duty law enforcement personnel. The Ridgeland Police Department will assist the organizers if they choose the police department assigned option, or the event organizers may choose the self-hire option to select their own personnel to comply with the ordinance.

14). In accordance with City of Ridgeland Mobile Food Vending Ordinance (Chapter 22, Article V), any special event organizer who utilizes the services of a mobile food truck or pushcart must comply with the requirements under this above referenced section. If you utilize the services of a mobile food vendor, the applicant named on this permit will ensure the requirements under section 22-203 (b) are met and obtain a Special Event Mobile Food Vending Permit from the City of Ridgeland Department of Finance and Administration.

For Police Department Use Only

This application was received by the Ridgeland Police Department on 6/10/21 and has been reviewed by the appropriate personnel. This application has been APPROVED / DENIED by the Chief of Police or Designee. If approved by Ridgeland PD, this application will be submitted for consideration at the Ridgeland Mayor and Board of Alderman meeting to be held on 20 JULY 2021.

Chief of Police or Designee: _____ DATE: 14 JULY 2021

Number of Overtime Officers: Ø Estimated OT Cost: Ø

Additional Overtime Cost for City Departments: FIRE_____ P/W_____ REC/PARKS_____

the city of RIDGELAND

CITY OF RIDGELAND
APPLICATION FOR
PERMIT TO PLAY ON PREMISES MUSIC

(Please allow minimum 30 days for approval)

DATE OF APPLICATION: 6/14/21

EVENT NAME: Word of Life Invite Weekend

EVENT LOCATION: 670 Highland Colony Pkwy Ridgeland, MS 39157

DESCRIPTION OF ON-PREMISES ACTIVITY: Speakers playing music right outside of the front doors.

DATE OF ACTIVITY: Beginning 8/22/21 to Ending 8/22/21

HOURS OF ACTIVITY: Beginning 8:30am to Ending 3:00pm

ACTIVITY POINT OF CONTACT: Ryan Lamberson CELL NUMBER: 601-421-2627

(This person must remain on scene during the entire event)

NAME OF ORGANIZATION: Word of Life Church

ADDRESS: 670 Highland Colony Pkwy CITY/STATE/ZIP: Ridgeland, MS 39157

https://library.municode.com/ms/ridgeland/codes/code_of_ordinances?nodeId=CO_CH46EN_ARTIVNO

Event organizers should become familiar with the City of Ridgeland Noise Ordinance to ensure compliance with law.

PROVIDE FACTS THAT WOULD SHOW THE ACTIVITY FOR WHICH THE PERMIT IS REQUESTED WOULD NOT DISTURB THE PEACE OF ANY FAMILY OR PERSON WITHIN THE AREA INTO WHICH SOUND SHALL CARRY: All music will be on Word of Life Property and will not be at a volume to disturb any of the surrounding families/businesses.

THE CHIEF OF POLICE SHALL HAVE THE AUTHORITY TO REVOKE ANY PERMIT ISSUED.

Applicants Signature: [signature] Date: 6/16/21

☑ APPROVED

☐ DENIED

Chief of Police or Designee:: [signature]

Date: 14 July 2021

In the event a permit is denied, the applicant may appeal the decision to the Mayor and Board of Aldermen. Any such appeal shall be taken not more than ten (10) days from the denial of a permit by giving written notice of the appeal to the Ridgeland City Clerk.

the city of RIDGELAND

RIDGELAND MOBILE FOOD VENDING APPLICATION

the city of RIDGELAND

Date Submitted: 6-22-21

Contact Information:

Owner Name: Omario Moore

E-mail Address: omario.moore7@gmail.com

Mailing Address: 6412 S. Sidwell Rd Byram MS 39272

Gov. Issued ID:

Physical Address: " " " "

Phone Number: 601 813 6945

City and State: Byram MS

Title:

Valid privilege license of a restaurant or commissary: ☑ Yes ☐ No

Address of restaurant or commissary: 6745 Sidwell Rd Suite 207A

Ridgeland State Tax ID

Mississippi Department of Health Permit ☑ Yes ☐ No

Description of Mobile Pushcart or Food Vehicle

Photographs of all sides of mobile pushcarts or mobile food vehicle ☐ Attached

Copy of photo ID ☐ Attached

Site Plan ☐ Attached

Valid Insurance ☐ Attached

Valid Lease or Letter for Private Site ☐ Attached

List of products sold:

Cheeseburger combo
Philly cheese steak combo
Shrimp & crab Roll combo

All of the above must be attached to this application for review by city officials.

Have you or anyone that will be working for you ever been convicted of a felony charge: ☑ No

☐ Yes Date: Jurisdiction: Court:

Description:

the city of RIDGELAND

RIDGELAND MOBILE FOOD VENDING APPLICATION

the city of RIDGELAND

Date Submitted: 7/12/21

Contact Information:

Owner Name:	Mike McIntyre	E-mail Address:	mike@chunkychunks.net
Mailing Address:	1109 Sapphire Xing	Gov. Issued ID:	
Physical Address:	Flowood 39232	Phone Number:	601.624.9224
City and State:	Flowood MS		

Title:

Valid privilege license of a restaurant or commissary: ☒ Yes ☐ No

Address of restaurant or commissary: 145 Market St Flowood MS 39232

Ridgeland State Tax ID 83-1914151 Mississippi Department of Health Permit ☒ Yes ☐ No

Description of Mobile Pushcart or Food Vehicle

Ice cream truck – Word of Life
8/22/21

Photographs of all sides of mobile pushcarts or mobile food vehicle ☐ Attached

Copy of photo ID ☒ Attached

Site Plan ☐ Attached

Valid Insurance ☒ Attached

Valid Lease or Letter for Private Site ☐ Attached

List of products sold:

Ice cream

All of the above must be attached to this application for review by city officials.

Have you or anyone that will be working for you ever been convicted of a felony charge: ☒ No

☐ Yes Date: Jurisdiction: Court:

Disposition:

List any and all Misdemeanors and violations directly or indirectly related to food, food permit operations, and /or business operations, related to the applicant or any principal of the applicant:

N/A

List or any additional information required by law, rule, or ordinance, or that any department of the city, Mayor and Board of Alderman, or the permit applicant reasonably deems appropriate to assist the city in determining whether the permit should be granted.

N/A

The undersigned certifies that the information provided in this application is true and correct and hereby covenants and agrees to indemnify, defend, save, and hold harmless the City of Ridgeland, Mississippi, and its agents, officials, officers, and employees from and against any and all claims, injuries, losses, liabilities, damages, charges, costs, and expenses (including reasonable attorneys' fees and costs), whether suffered by the undersigned or any other person (including the City of Ridgeland, its agents, or employees), which may occur on the property of the City of Ridgeland or elsewhere, on account of or by reason of any matters which arise during, or from, the issuance of the food truck permit described herein or which may materially affect the issuance of the food truck permit described herein.

Applicant Signature

For Office Use Only:

Application Approved: ☐ Yes ☐ No

Date Approved:

Reviewed By:

Signature

Notes:

T&JCO-1 OP ID: GC

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 06/28/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Rural Insurance Agency, Inc.
P. O. Box 1972
Jackson, MS 39215

CONTACT NAME: Sean Ferrell
PHONE (A/C, No, Ext): 601-957-3200 FAX (A/C, No):
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Scottsdale Insurance Co.	
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
T & J Concessions
Timmy Phillips DBA
2288 Stage Road
Morton, MS 39117

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER X POLICY PRO-JECT LOC	X		TBA	06/27/2021	06/27/2022	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident)	$
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $						EACH OCCURRENCE	$
							AGGREGATE	$
								$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					WC STATU-TORY LIMITS OTH-ER	
							E.L. EACH ACCIDENT	$
							E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Food truck/concession trailer rated as:
Restaurants - Operated by concessionaires - Other Than Not for Profit

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Grace Cole

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Mississippi State Department of Health

Food Establishment Inspection Report / PERMIT TO OPERATE

Establishment	Permit Date	Time In
T&J Concession (Mobile)	06/12/2020	13:23

Address	City	State Zip	Telephone
2288 Stage Rd	Morton	MS 39117	601-697-6364

Facility ID	Permit Holder	Risk Level	Manager Email Address
5934754	Timothy Phillips	3	tandyconcessions@yahoo.com

FOODBORNE ILLNESS RISK FACTORS AND PUBLIC HEALTH INTERVENTIONS

Risk Factors are food preparation practices and employee behaviors most commonly reported to the Centers for Disease Control and Prevention as contributing factors in foodborne illness outbreaks. **Public health interventions** are control measures to prevent foodborne illness or injury.

Circle designated compliance status (IN, OUT, N/O, N/A) for each numbered item. Mark "X" in appropriate box for COS and R.
IN = in compliance; OUT = not in compliance; N/O = not observed; N/A = not applicable. COS = corrected on-site during inspection; R = repeat violation.

Compliance Status			COS	R
Supervision				
1	X OUT	Person in charge present, demonstrates knowledge, and performs duties	☐	☐
2	X OUT N/A	Management certification	☐	☐
Employee Health				
3	X OUT	Management awareness; policy present	☐	☐
4	X OUT	Proper ill/cut reporting, restriction & exclusion	☐	☐
Good Hygienic Practices				
5	X OUT N/O	Proper eating, tasting, drinking, or tobacco use	☐	☐
6	X OUT N/O	No discharge from eyes, nose, and mouth	☐	☐
Preventing Contamination by Hands				
7	X OUT N/O	Hands clean and properly washed	☐	☐
8	X OUT N/A N/O	No bare hand contact with ready-to-eat foods	☐	☐
9	X OUT	Adequate handwashing facilities supplied & accessible	☐	☐
Approved Source				
10	X OUT N/O	Food obtained from approved source	☐	☐
11	IN OUT N/A X	Food received at proper temperature	☐	☐
12	X OUT	Food in good condition, safe, and unadulterated	☐	☐
13	IN OUT X N/O	Required records available: shellstock tags, parasite destruction	☐	☐
Protection from Contamination				
14	X OUT N/A	Food separated and protected	☐	☐
15	X OUT N/A	Food-contact surfaces: cleaned & sanitized	☐	☐
16	X OUT	Proper disposition of returned, previously served, reconditioned, and unsafe food	☐	☐
Potentially Hazardous Food (TCS food)				
17	IN OUT X N/A	Proper cooking time and temperatures	☐	☐
18	IN OUT X N/O	Proper reheating procedures for hot	☐	☐
19	IN OUT X N/O	Proper cooling time and temperature	☐	☐
20	IN OUT X N/O	Proper hot holding temperatures	☐	☐
21	IN OUT X	Proper cold holding temperatures	☐	☐
22	IN OUT X N/O	Proper date marking and disposition	☐	☐
23	IN OUT X N/O	Time as a public health control: procedures & records	☐	☐

Compliance Status			COS	R
Consumer Advisory				
24	IN OUT X	Consumer advisory provided for raw or undercooked foods	☐	☐
Highly Susceptible Populations				
25	IN OUT X	Pasteurized foods used; prohibited foods not offered	☐	☐
Chemical				
26	IN OUT X	Food additives: approved and properly used	☐	☐
27	X OUT	Toxic substances properly identified, stored, used	☐	☐
Conformance with Approved Procedures				
28	IN OUT X	Compliance with variance, specialized process, and HACCP plan	☐	☐
29	IN OUT X	Risk control plan as required	☐	☐
Other Critical Factors				
30	X OUT	Water and ice from approved source	☐	☐
31	X OUT	Insects, rodents, and animals not present	☐	☐
32	X OUT N/A	Hot and cold water available; adequate pressure	☐	☐
33	X OUT N/A	Plumbing installed; proper backflow devices	☐	☐
34	X OUT N/A	Sewage and waste water properly disposed	☐	☐
35	X OUT	Toilet facilities: properly constructed, supplied	☐	☐
36	X OUT N/A	Permit/Last inspection posted	☐	☐

Encounter Date: 04/13/2021

Person in Charge (Signature)

Inspector Name: [illegible]

Inspector (Signature): DW6

Next recommended date: 2022-04-13 Next recommended type: Routine Type 2

Corrective Action Required: ☐ Yes ☒ No

Corrections required by (Date):

Display for Public View / Non-Transferrable / Permit valid for 1 year from the Permit Date

Mississippi State Department of Health — Revised 12-23-2014 — Form 329

Mississippi State Department of Health

Food Service Facility Inspection Results

PIMS ID	Facility Name	Facility Address	Date
5934754	T&J Concession (Mobile)	2288 Stage Rd Morton, MS 39117	04/13/2021

CRITICAL VIOLATIONS	CORRECTION PLAN AND SCHEDULE
Discussed food code regulation	

P.O. Box 1033 Jackson, MS 39215-1033 Phone: (601) 923-7700 Fax: (601) 923-7714

Visit www.dor.ms.gov for tax information and online filing. If you call, please have this letter with you.

STATE OF MISSISSIPPI

RETAIL SALES TAX PERMIT

Issued To: TIMOTHY PHILLIPS
2288 STAGE RD
MORTON MS 39117-8264

Permit Number: 062-06990-1
Sales Account: 1276-3615
Business Name: T & J CONCESSIONS

Permit Location:
2288 STAGE RD
MORTON, MS 39117

This permit authorizes the holder to engage in the business of selling tangible personal property or performing services from the permit location.

The permit holder may purchase materials or services **for resale** exempt from tax. Purchases of property or services for the use by the permit holder are not exempt from tax.

This permit is issued as a privilege to operate the above named business in Mississippi. The condition of this privilege is that the holder must collect, report, and pay all taxes due by law. The permit holder is required to keep adequate records that are available for inspection by the Department of Revenue at any time.

This permit is not transferable. You must obtain a new permit if there is a change of ownership, location or business name.

The permit is issued in accordance with Title 27, Chapter 65, Mississippi Code of 1972 and is valid until cancelled or revoke for cause.

Letter ID: L0740769856

Date Issued: August 01, 2013

Issued By: Herb Frierson

Herb Frierson, Commissioner

RIDGELAND

RIDGELAND MOBILE FOOD VENDING APPLICATION

RIDGELAND

Date Submitted: 7/12/21

Contact Information

Owner Name: Tommy Phillips

E-mail Address: tommyjphillips@yahoo.com

Mailing Address: 2285 Sage Rd

Tax Account ID:

Physical Address:

Phone Number: 601-697-0664

City and State: Ridgeland, MS 39157

Title: T + S Concessions

Valid prestige Permit of a restaurant or commissary: ☐ Yes ☐ No

Address of restaurant or commissary:

Ridgeland State Tax ID:

Mississippi Department of Health Permit: ☒ Yes ☐ No

Description of Mobile Pushcart or Food Vehicle

Trailer is 8 x 24 food trailer

Photographs of all sides of mobile pushcarts or mobile food vehicle: ☐ Attached

Copy of photo ID: ☐ Attached

Site Plan: ☐ Attached

Valid Insurance: ☐ Attached

Valid Lease or Letter for Private Site: ☐ Attached

List of products sold:

Chicken on a stick	Funnel cake
Cooking supplies	Corn dogs
Cooking oils	Hamburgers
Funnel cake	Hot dogs
Potato chips	Soda
Potato sausage	Lemonade

All of the above must be attached to this application for review by city officials.

Have you or anyone that will be working for you ever been convicted of a felony charge: ☒ No

☐ Yes Date: Jurisdiction: County:

Disposition:

List any and all Misdemeanors and violations directly or indirectly related to food, food permit operations, and/or business operations, related to the applicant or any principal of the applicant

List or any additional information required by law, rule, or ordinance, or that any department of the city, Mayor and Board of Aldermen, or the permit applicant reasonably deems appropriate to assist the city in determining whether the permit should be granted

The undersigned certifies that the information provided in this application is true and correct and hereby covenants and agrees to indemnify, defend, save, and hold harmless the City of Ridgeland, Mississippi, and its agents, officials, officers, and employees from and against any and all claims, injuries, losses, liabilities, damages, charges, costs, and expenses (including reasonable attorneys' fees and costs), whether suffered by the undersigned or any other person (including the City of Ridgeland, its agents, or employees), which may occur on the property of the City of Ridgeland or elsewhere, on account of or by reason of any matters which arise during or from, the issuance of the food truck permit described herein or which may materially affect the issuance of the food truck permit described herein.

Applicant Signature

For Office Use Only

Application Approved: ☐ Yes ☐ No

Date Approved:

Reviewed By:

Signature

Notes:

Mississippi State Department of Health

Food Establishment Inspection Report / PERMIT TO OPERATE

Establishment	Permit Date	Time In
Lakeland Chevron Hog Heaven BBQ (mobile unit)	12/22/2019	10:43

Address	City	State Zip	Telephone
2650 Lakeland Dr.	Flowood	MS 39232	601-932-5980

Facility ID	Permit Holder	Risk Level	Manager Email Address
6203244	Jeff and Marla Puckett	3	jeffpuckett@hogheavenbbqms.ms

FOODBORNE ILLNESS RISK FACTORS AND PUBLIC HEALTH INTERVENTIONS

Risk Factors are food preparation practices and employee behaviors most commonly reported to the Centers for Disease Control and Prevention as contributing factors in foodborne illness outbreaks. **Public health interventions** are control measures to prevent foodborne illness or injury.

Circle designated compliance status (IN, OUT, N/O, N/A) for each numbered item
IN = in compliance OUT = not in compliance N/O = not observed N/A = not applicable

Mark "X" in appropriate box for COS and R
COS = corrected on-site during inspection R = repeat violation

	Compliance Status		COS	R
	Supervision			
1	X OUT	Person in charge present, demonstrates knowledge, and performs duties	☐	☐
2	X OUT N/A	Manager certification	☐	☐
	Employee Health			
3	X OUT	Management awareness; policy present	☐	☐
4	X OUT	Proper use of reporting, restriction & exclusion	☐	☐
	Good Hygienic Practices			
5	X OUT N/O	Proper eating, tasting, drinking, or tobacco use	☐	☐
6	X OUT N/O	No discharge from eyes, nose, and mouth	☐	☐
	Preventing Contamination by Hands			
7	X OUT N/O	Hands clean and properly washed	☐	☐
8	X OUT N/A N/O	No bare hand contact with ready-to-eat foods	☐	☐
9	X OUT	Adequate handwashing facilities supplied & accessible	☐	☐
	Approved Source			
10	X OUT N/O	Food obtained from approved source	☐	☐
11	IN OUT N/A X N/O	Food received at proper temperature	☐	☐
12	X OUT	Food in good condition, safe, and unadulterated	☐	☐
13	IN OUT X N/O	Required records available: shellstock tags, parasite destruction	☐	☐
	Protection from Contamination			
14	X OUT N/A	Food separated and protected	☐	☐
15	X OUT N/A	Food - contact surfaces: cleaned & sanitized	☐	☐
16	X OUT	Proper disposition of returned, previously served, reconditioned, and unsafe food	☐	☐
	Potentially Hazardous Food (TCS food)			
17	IN OUT N/A X	Proper cooking time and temperatures	☐	☐
18	X OUT N/A N/O	Proper reheating procedures for hot	☐	☐
19	IN OUT X N/O	Proper cooling time and temperature	☐	☐
20	X OUT N/A N/O	Proper hot holding temperatures	☐	☐
21	X OUT N/A	Proper cold holding temperatures	☐	☐
22	X OUT N/A N/O	Proper date marking and disposition	☐	☐
23	X OUT N/A N/O	Time as a public health control procedure & records	☐	☐

	Compliance Status		COS	R
	Consumer Advisory			
24	IN OUT X	Consumer advisory provided for raw or undercooked foods	☐	☐
	Highly Susceptible Populations			
25	IN OUT X	Pasteurized foods used, prohibited foods not offered	☐	☐
	Chemical			
26	IN OUT X	Food additives: approved and properly used	☐	☐
27	X OUT	Toxic substances properly identified, stored, used	☐	☐
	Conformance with Approved Procedures			
28	IN OUT X	Compliance with variance, specialized process, and HACCP plan	☐	☐
29	IN OUT X	Risk control plan as required	☐	☐
	Other Critical Factors			
30	X OUT	Water and ice from approved source	☐	☐
31	X OUT	Insects, rodents, and animals not present	☐	☐
32	X OUT N/A	Hot and cold water available; adequate pressure	☐	☐
33	X OUT N/A	Plumbing installed; proper backflow devices	☐	☐
34	X OUT N/A	Sewage and waste water properly disposed	☐	☐
35	X OUT	Toilet facilities: properly constructed, supplied	☐	☐
36	X OUT N/A	Permit/Last inspection posted	☐	☐

Encounter Date: 02/02/2021

Person in Charge (Signature)

Inspector Name: Mekeh Lindsey (EM1)

Inspector (Signature)

Next encounter date 6/22/21, Next encounter type: Scheduled

Display for Public View / Non-Transferrable / Permit valid for 1 year from the Permit Date

the city of RIDGELAND

RIDGELAND MOBILE FOOD VENDING APPLICATION

the city of RIDGELAND

Date Submitted:

Contact Information:

Owner Name:	Jeffrey Puckett	E-mail Address:	JeffPuckett@hogheaven BBQ MS.com
Mailing Address:	2650 LAKELAND	Gov. Issued ID:	S00082612
Physical Address:		Phone Number:	601-331-7301
City and State:	Flowood MS		

Title:

Valid privilege license of a restaurant or commissary: ☒ Yes ☐ No

Address of restaurant or commissary: 2650 LAKELAND

Ridgeland State Tax ID

Mississippi Department of Health Permit ☒ Yes ☐ No

Description of Mobile Pushcart or Food Vehicle

20 Foot step van converted into A food truck yellow/orange color. 20 years in business

Photographs of all sides of mobile pushcarts or mobile food vehicle ☐ Attached

Copy of photo ID ☐ Attached

Site Plan ☐ Attached

Valid Insurance ☐ Attached

Valid Lease or Letter for Private Site ☐ Attached

List of products sold:

BBQ

Soft Drinks

All of the above must be attached to this application for review by city officials.

Have you or anyone that will be working for you ever been convicted of a felony charge: ☒ No

☐ Yes Date: Jurisdiction: Court:

Disposition:

List any and all Misdemeanors and violations directly or indirectly related to food, food permit operations, and /or business operations, related to the applicant or any principal of the applicant:

None

List or any additional information required by law, rule, or ordinance, or that any department of the city, Mayor and Board of Alderman, or the permit applicant reasonably deems appropriate to assist the city in determining whether the permit should be granted.

The undersigned certifies that the information provided in this application is true and correct and hereby covenants and agrees to indemnify, defend, save, and hold harmless the City of Ridgeland, Mississippi, and its agents, officials, officers, and employees from and against any and all claims, injuries, losses, liabilities, damages, charges, costs, and expenses (including reasonable attorneys' fees and costs), whether suffered by the undersigned or any other person (including the City of Ridgeland, its agents, or employees), which may occur on the property of the City of Ridgeland or elsewhere, on account of or by reason of any matters which arise during, or from, the issuance of the food truck permit described herein or which may materially affect the issuance of the food truck permit described herein.

Applicant Signature

For Office Use Only:

Application Approved: ☐ Yes ☐ No

Date Approved:

Reviewed By:

Signature

Notes:

Amusement rides
Food trucks. Inflatables
Word of Life
Highland Colony
670
Lake Harbour Dr
Lake Harbour Dr
Google

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
01-03495	MISS DEPARTMENT OF REVENU	169507	TAG FOR VEHICLE	I 202107091569	7/02/2021	12.00
			TAG FOR VEHICLE	400-650-632	12.00	
				TOTAL =		12.00

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
01-03495	MISS DEPARTMENT OF REVENU	169508	PUBLIC UTILITY REG TAX 2020	I 202107091568	7/02/2021	11.15
			PUBLIC UTILITY REG TAX 2020	400-650-689	11.15	
					TOTAL =	11.15

FUND TOTALS

FUND	NAME	TOTAL
400	PUBLIC UTILITIES FUND	23.15
	TOTALS FOR ALL FUNDS =	23.15

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
01-06065	ACOUSTIC WAVE TREATMENT C	169509	PRIVILEGE LICENSE OVRPYMNT	I 202107141600	7/12/2021	20.00
			PRIVILEGE LICENSE OVRPYMNT	001-000-220	20.00	
01-01350	ADCAMP INC	169510	TONS OF ASPHALT	I 40606	4/30/2021	1,284.48
			TONS OF ASPHALT	001-201-575	1,284.48	
01-01350	ADCAMP INC	169511	TONS OF ASPHALT	I 40685	5/31/2021	520.00
			TONS OF ASPHALT	001-201-575	520.00	
01-01350	ADCAMP INC	169512	TONS OF ASPHALT	I 40745	6/30/2021	1,936.30
			TONS OF ASPHALT	001-201-575	646.29	
			TONS OF ASPHALT	001-201-575	644.36	
			TONS OF ASPHALT	001-201-575	645.65	
01-01655	ADVANTAGE BUSINESS SYSTEM	169513	PRINTER FEES	I 197371	4/23/2021	93.63
			B/W	001-340-604	47.82	
			COLOR	001-340-604	45.81	
01-01655	ADVANTAGE BUSINESS SYSTEM	169514	PRINT FEES: JUNE	I 200712	6/29/2021	61.48
			B/W	001-340-604	14.14	
			COLOR	001-340-604	47.34	
01-03952	AIRGAS USA LLC	169515	ARGON BOTTLE RENTAL	I 9980807363	6/30/2021	28.30
			ARGON BOTTLE RENTAL	400-650-540	12.30	
			HAZMAT	400-650-540	16.00	
01-04417	ALLEN ENGINEERING AND SCI	169516	05-31-21 - 06-27-21 STORMWATER	I 00210380	6/27/2021	1,625.00
			05-31-21 - 06-27-21 STORMWATER	001-201-600	1,625.00	
01-04524	AUTO PLUS	169517	FD - WIPERS TRAILBLAZER	I 46029515	6/25/2021	15.02
			WINDSHIELD WIPERS	001-160-632	15.02	
01-02924	AUTOMUFF	169518	CATALYTIC CONVERTER	I 202107091587	6/30/2021	350.00
			CATALYTIC CONVERTER	001-201-632	350.00	
01-02924	AUTOMUFF	169519	MUFFLER	I 202107131591	7/12/2021	70.00
			MUFFLER	404-650-635	70.00	
01-05219	BAILEY, TRACY	169520	JULY 23, 2020 MEETING	I 072320	7/23/2020	50.00
			JULY 23, 2020 MEETING	001-180-611	50.00	
01-05666	BANKPLUS WEALTH MANAGEMEN	169521	RIDGELAND GO BOND SERIES 2019	I 103	7/06/2021	744,550.00
			RIDGELAND GO BOND SERIES 2019	200-450-885	400,000.00	
			RIDGELAND GO BOND SERIES 2019	200-450-886	344,050.00	
			RIDGELAND GO BOND SERIES 2019	200-450-840	500.00	
01-07400	BLURTON, BANKS & ASSOCIAT	169522	750 ORLEANS CIRCLE	I 07.12.2021	7/12/2021	1,580.00
			2" HDPE BORE	400-650-603	900.00	
			3/4" HDPE SERVICE LI	400-650-603	520.00	
			SOLID SODDING	400-650-603	160.00	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-02311	BUFKIN MECHANICAL, INC	169523	LIB- UNCLOG DRAIN	I 76465	7/08/2021	150.00
			LIB- UNCLOG DRAIN	001-350-637	150.00	
01-03826	C SPIRE WIRELESS	169524	00316546124:05-23-21- 06-22-21	I 202107141602	6/22/2021	422.59
			00316546124:05-23-21- 06-22-21	001-180-605	422.59	
01-03826	C SPIRE WIRELESS	169525	0002596490:06-08-21 - 06-07-21	I 202107141603	7/07/2021	691.78
			0002596490:06-08-21 - 06-07-21	001-340-605	691.78	
01-01999	CABALLERO, MICHELLE	169526	FEBRUARY 4, 2021 MEETING	I 020421	2/04/2021	50.00
			FEBRUARY 4, 2021 MEETING	001-180-611	50.00	
01-01999	CABALLERO, MICHELLE	169527	JULY 23, 2020 MEETING	I 072320	7/23/2020	50.00
			JULY 23, 2020 MEETING	001-180-611	50.00	
01-10700	CAPITOL BODY SHOP INC	169528	P335 BODY REPAIR	I 123677	6/29/2021	5,123.37
			P335 BODY REPAIR	001-100-632	5,123.37	
01-01136	CENTERPOINT ENERGY	169529	30982987: 05-28-21 - 07-01-21	I 202107151626	7/08/2021	52.36
			30982987: 05-28-21 - 07-01-21	001-100-630	52.36	
01-01136	CENTERPOINT ENERGY	169530	31746860: 05-28-21 - 07-01-21	I 202107151627	7/08/2021	34.58
			31746860: 05-28-21 - 07-01-21	001-201-630	34.58	
01-01136	CENTERPOINT ENERGY	169531	31762107: 05-28-21 - 07-01-21	I 202107151628	7/08/2021	131.96
			31762107: 05-28-21 - 07-01-21	001-160-630	131.96	
01-01136	CENTERPOINT ENERGY	169532	31796030: 05-28-21 - 07-01-21	I 202107151629	7/08/2021	26.96
			31796030: 05-28-21 - 07-01-21	001-092-630	26.96	
01-01136	CENTERPOINT ENERGY	169533	31942477: 05-28-21 - 07-01-21	I 202107151630	7/08/2021	33.74
			31942477: 05-28-21 - 07-01-21	001-350-630	33.74	
01-01136	CENTERPOINT ENERGY	169534	31942485: 05-28-21 - 07-01-21	I 202107151631	7/08/2021	32.02
			31942485: 05-28-21 - 07-01-21	001-340-630	32.02	
01-01136	CENTERPOINT ENERGY	169535	31942493: 05-28-21 - 07-01-21	I 202107151632	7/08/2021	47.29
			31942493: 05-28-21 - 07-01-21	001-160-630	47.29	
01-01136	CENTERPOINT ENERGY	169536	31942501: 05-28-21 - 07-01-21	I 202107151633	7/08/2021	35.42
			31942501: 05-28-21 - 07-01-21	400-650-630	35.42	
01-01136	CENTERPOINT ENERGY	169537	31942519: 05-28-21 - 07-01-21	I 202107151634	7/08/2021	35.42
			31942519: 05-28-21 - 07-01-21	400-650-630	35.42	
01-01136	CENTERPOINT ENERGY	169538	31984024: 05-28-21 - 07-01-21	I 202107151635	7/08/2021	1,416.28
			31984024: 05-28-21 - 07-01-21	001-100-630	1,416.28	
01-01136	CENTERPOINT ENERGY	169539	64025140134:05-28-21 - 07-1-21	I 202107151636	7/08/2021	37.72
			64025140134:05-28-21 - 07-1-21	001-092-630	37.72	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
01-02764	CENTRAL MISSISSIPPI CRIME	169540	JUNE 2021	I 202107141595	7/02/2021	346.28
			JUNE 2021	001-000-330	346.28	
01-12050	CENTRAL PIPE SUPPLY INC	169541	INDEXES	I S100259680.001	6/08/2021	9,360.00
			INDEXES	400-650-575	9,360.00	
01-12050	CENTRAL PIPE SUPPLY INC	169542	INDEXES AND FITTINGS	I S100261281.001	6/21/2021	4,979.60
			3/4" INDEX	400-650-575	4,680.00	
			3/4" GALV. DRESSER	400-650-575	80.50	
			3/4COMP TO 3/4COMP	400-650-575	219.10	
01-12050	CENTRAL PIPE SUPPLY INC	169543	WATER REPAIR PARTS	I S100261422.001	6/22/2021	715.58
			3/4COMP TO 1 CURB ST	400-650-575	488.15	
			2"X6" REPAIR CLAMP	400-650-575	66.15	
			PIPE SEALANT PT.	400-650-575	161.28	
01-12050	CENTRAL PIPE SUPPLY INC	169544	WATER REPAIR PARTS	I S100261498.001	6/23/2021	392.56
			2"MALE IP TO 2" COMP	400-650-575	392.56	
01-12050	CENTRAL PIPE SUPPLY INC	169545	INDEXES	I S100262126.001	6/28/2021	4,680.00
			INDEXES	400-650-575	4,680.00	
01-12050	CENTRAL PIPE SUPPLY INC	169546	INDEXES	I S100262276.001	6/29/2021	4,680.00
			INDEXES	400-650-575	4,680.00	
01-13025	CINTAS CORPORATION LOC #2	169547	04479	I 88635990	6/30/2021	2.64
			04479	001-201-540	2.64	
01-13025	CINTAS CORPORATION LOC #2	169548	04481	I 88636000	6/30/2021	48.19
			04481	400-650-540	48.19	
01-13025	CINTAS CORPORATION LOC #2	169549	04450	I 88636304	6/30/2021	142.58
			04450	400-650-535	134.56	
			04450	404-650-535	8.02	
01-13025	CINTAS CORPORATION LOC #2	169550	04448	I 88636367	6/30/2021	307.82
			04448	001-201-535	307.82	
01-13025	CINTAS CORPORATION LOC #2	169551	00025	I 88913011	7/02/2021	322.57
			00025	001-100-604	322.57	
01-13025	CINTAS CORPORATION LOC #2	169552	04481	I 89242415	7/07/2021	48.19
			04481	400-650-540	48.19	
01-13025	CINTAS CORPORATION LOC #2	169553	04479	I 89242435	7/07/2021	2.64
			04479	001-201-540	2.64	
01-13025	CINTAS CORPORATION LOC #2	169554	04450	I 89242669	7/07/2021	130.30
			04450	400-650-535	122.28	
			04450	404-650-535	8.02	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-13025	CINTAS CORPORATION LOC #2	169555	04448	I 89242723	7/07/2021	225.72
			04448	001-201-535	225.72	
01-05198	CIOX HEALTH LLC	169556	MEDICAL RECORDS REQ	I 0341757620	6/23/2021	49.05
			BASIC FEE	001-100-540	14.00	
			COPY/PAGE PAPER 1	001-100-540	25.05	
			SHIPPING	001-100-540	10.00	
01-13601	CLARION LEDGER - SUBSCRIP	169557	CL6284182: 07-01-21 - 07-31-21	I 202107141601	7/14/2021	35.01
			CL6284182: 07-01-21 - 07-31-21	001-040-686	35.01	
01-14415	COAST CHLORINATOR & PUMP	169558	SERIES 200 REGULATOR	I 72837	6/18/2021	3,158.00
			SERIES 200 REGULATOR	400-650-635	2,818.00	
			TUBE ASM	400-650-635	340.00	
01-05507	VIRGINIA LEE COCKE	169559	JULY 9, 2021 MEETING	I 070921	7/09/2021	50.00
			JULY 9, 2021 MEETING	001-550-599	50.00	
01-05220	COLLETTE JR, JAMES	169560	JANUARY 7, 2021 MEETING	I 010721	1/07/2021	50.00
			JANUARY 7, 2021 MEETING	001-180-611	50.00	
01-05220	COLLETTE JR, JAMES	169561	FEBRUARY 4, 2021 MEETING	I 020421	2/04/2021	50.00
			FEBRUARY 4, 2021 MEETING	001-180-611	50.00	
01-05220	COLLETTE JR, JAMES	169562	DECEMBER 17, 2020 MEETING	I 121720	12/17/2020	50.00
			DECEMBER 17, 2020 MEETING	001-180-611	50.00	
01-02440	COMCAST CABLE	169563	8396410560012870:06-28 - 07-27	I 202107141604	6/24/2021	108.35
			8396410560012870:06-28 - 07-27	001-340-604	108.35	
01-02440	COMCAST CABLE	169564	8396410530116512:07-04 - 08-03	I 202107141605	7/01/2021	20.98
			8396410530116512:07-04 - 08-03	001-100-604	20.98	
01-15250	CONTROL SYSTEMS INC	169565	CHECK SCADA	I 59953	6/29/2021	356.00
			REPAIR SCADA	400-650-635	356.00	
01-03220	COX, WALTER	169566	JANUARY 7, 2021 MEETING	I 010721	1/07/2021	50.00
			JANUARY 7, 2021 MEETING	001-180-611	50.00	
01-03220	COX, WALTER	169567	FEBRUARY 4, 2021 MEETING	I 020421	2/04/2021	50.00
			FEBRUARY 4, 2021 MEETING	001-180-611	50.00	
01-03220	COX, WALTER	169568	JULY 23, 2020 MEETING	I 072320	7/23/2020	50.00
			JULY 23, 2020 MEETING	001-180-611	50.00	
01-03220	COX, WALTER	169569	DECEMBER 17, 2020 MEETING	I 121720	12/17/2020	50.00
			DECEMBER 17, 2020 MEETING	001-180-611	50.00	
01-16500	CUSTOM PRODUCTS CORP	169570	NO PARKING SIGNS	I 354286	7/06/2021	28.22
			NO PARKING LEFT	001-201-685	14.11	
			NO PARKING RIGHT	001-201-685	14.11	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-02978	DANIELS, RAYMOND	169571	ADV TRAV: 07-25-21 - 07-30-21	I 202107141607	6/07/2021	264.50
			ADV TRAV: 07-25-21 - 07-30-21	001-100-610	264.50	
01-02613	DATAPROSE, LLC	169572	06-01-21 - 06-30-21 BILLING	I DP2102285	6/30/2021	3,515.72
			06-01-21 - 06-30-21 BILLING	400-650-540	2,770.29	
			06-01-21 - 06-30-21 BILLING	400-650-604	745.43	
01-17329	DAVIS REFRIGERATION & ELE	169573	REPAIR ICE MACHINE	I 7520	6/14/2021	522.82
			REPAIR ICE MACHINE	001-201-635	522.82	
01-18615	DICKEN, BILL	169574	JUNE 22, 2021 MEETING	I 062221	6/22/2021	50.00
			JUNE 22, 2021 MEETING	001-180-611	50.00	
01-18615	DICKEN, BILL	169575	JULY 13, 2021 MEETING	I 071321	7/13/2021	50.00
			JULY 13, 2021 MEETING	001-180-611	50.00	
01-18620	DICKERSON & BOWEN INC	169576	TONS OF ASPHALT	I 79149	6/22/2021	2,597.12
			TONS OF ASPHALT	001-201-575	2,597.12	
01-18620	DICKERSON & BOWEN INC	169577	TONS OF ASPHALT	I 79185	6/29/2021	2,540.80
			TONS OF ASPHALT	001-201-575	2,540.80	
01-05960	DODD CONSTRUCTION LLC	169578	CH CLEANING 06-26-21	I 56	6/30/2021	300.00
			CH CLEANING 06-26-21	001-092-636	300.00	
01-05960	DODD CONSTRUCTION LLC	169579	CH CLEANING 07-03-21	I 57	7/07/2021	300.00
			CH CLEANING 07-03-21	001-092-636	300.00	
01-05360	DUNBAR, DAVID	169580	JUNE 22, 2021 MEETING	I 062221	6/22/2021	50.00
			JUNE 22, 2021 MEETING	001-180-611	50.00	
01-05360	DUNBAR, DAVID	169581	JULY 13, 2021 MEETING	I 071321	7/13/2021	50.00
			JULY 13, 2021 MEETING	001-180-611	50.00	
01-06062	DYNAMIC ENVIRONMENTAL SER	169582	REMITTANCE OF RESTITUTION:	I 202107141606	7/09/2021	4,500.00
			REMITTANCE OF RESTITUTION:	001-000-122	4,500.00	
01-03711	EMERGENCY EQUIPMENT PROFE	169583	FD - ANL FLOWTEST SCBA	I 461248	6/30/2021	2,491.61
			42 - FLOWTEST SCBA'S	001-160-635	2,491.61	
01-21500	ENTERGY	169584	14870935	I 202107091570	7/02/2021	1,017.75
			14870935	001-000-016	1,017.75	
01-21500	ENTERGY	169585	14870968	I 202107091571	7/02/2021	42.51
			14870968	001-160-630	42.51	
01-21500	ENTERGY	169586	14870976	I 202107091572	7/02/2021	26,596.88
			14870976	001-201-684	26,596.88	
01-21500	ENTERGY	169587	14870984	I 202107091573	7/02/2021	3,284.24
			14870984	001-160-630	1,495.48	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT	
01-21500	ENTERGY	169587	14870984	I 202107091573	7/02/2021	3,284.24	CONT
			14870984	001-201-630	13.12		
			14870984	001-092-630	597.52		
			14870984	001-350-630	1,178.12		
01-21500	ENTERGY	169588	14870992	I 202107091574	7/02/2021	3,144.59	
			14870992	001-340-630	3,144.59		
01-21500	ENTERGY	169589	14870943	I 202107091575	7/02/2021	28,421.41	
			14870943	001-160-630	598.07		
			14870943	400-650-630	27,823.34		
01-21506	ENTERGY	169590	100962703: 05-26-21 - 06-25-21	I 202107071520	6/29/2021	7.99	
			100962703: 05-26-21 - 06-25-21	400-650-630	7.99		
01-21506	ENTERGY	169591	101379923: 05-26-21 - 06-25-21	I 202107071521	6/29/2021	29.27	
			101379923: 05-26-21 - 06-25-21	001-201-684	29.27		
01-21506	ENTERGY	169592	114576762: 05-26-21 - 06-25-21	I 202107071522	6/29/2021	49.64	
			114576762: 05-26-21 - 06-25-21	001-201-684	49.64		
01-21506	ENTERGY	169593	119515120: 05-25-21 - 06-23-21	I 202107071523	6/29/2021	50.34	
			119515120: 05-25-21 - 06-23-21	001-340-630	50.34		
01-21506	ENTERGY	169594	123468100: 05-26-21 - 06-25-21	I 202107071524	6/29/2021	22.85	
			123468100: 05-26-21 - 06-25-21	001-201-684	22.85		
01-21506	ENTERGY	169595	123468233: 05-26-21 - 06-25-21	I 202107071525	6/29/2021	22.60	
			123468233: 05-26-21 - 06-25-21	001-201-684	22.60		
01-21506	ENTERGY	169596	123468522: 05-26-21 - 06-25-21	I 202107071526	6/29/2021	24.11	
			123468522: 05-26-21 - 06-25-21	001-201-684	24.11		
01-21506	ENTERGY	169597	125164566: 05-26-21 - 06-25-21	I 202107071527	6/29/2021	65.11	
			125164566: 05-26-21 - 06-25-21	001-201-684	65.11		
01-21506	ENTERGY	169598	125336933: 05-26-21 - 06-25-21	I 202107071528	6/29/2021	36.44	
			125336933: 05-26-21 - 06-25-21	001-201-684	36.44		
01-21506	ENTERGY	169599	125345488: 05-26-21 - 06-25-21	I 202107071529	6/29/2021	42.09	
			125345488: 05-26-21 - 06-25-21	001-201-684	42.09		
01-21506	ENTERGY	169600	125345504: 05-26-21 - 06-25-21	I 202107071530	6/29/2021	38.19	
			125345504: 05-26-21 - 06-25-21	001-201-684	38.19		
01-21506	ENTERGY	169601	148884364: 05-25-21 - 06-23-21	I 202107071531	6/29/2021	1,541.55	
			148884364: 05-25-21 - 06-23-21	001-201-684	1,541.55		
01-21506	ENTERGY	169602	154178826: 05-24-21 - 06-25-21	I 202107071532	6/29/2021	73.79	
			154178826: 05-24-21 - 06-25-21	001-201-684	73.79		
01-21506	ENTERGY	169603	15484330: 05-26-21 - 06-25-21	I 202107071533	6/29/2021	5,753.64	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT	
01-21506	ENTERGY	169603	15484330: 05-26-21 - 06-25-21 I	202107071533	6/29/2021	5,753.64	CONT
			15484330: 05-26-21 - 06-25-21	001-100-630	5,753.64		
01-21506	ENTERGY	169604	169707072: 05-26-21 - 06-25-21 I	202107071534	6/29/2021	3,173.53	
			169707072: 05-26-21 - 06-25-21	001-092-630	3,173.53		
01-21506	ENTERGY	169605	17002775: 05-26-21 - 06-25-21 I	202107071535	6/29/2021	31.16	
			17002775: 05-26-21 - 06-25-21	400-650-630	31.16		
01-21506	ENTERGY	169606	170074520: 05-26-21 - 06-25-21 I	202107071536	6/29/2021	77.04	
			170074520: 05-26-21 - 06-25-21	001-201-684	77.04		
01-21506	ENTERGY	169607	47143144: 05-24-21 - 06-25-21 I	202107071537	6/29/2021	52.66	
			47143144: 05-24-21 - 06-25-21	400-650-630	52.66		
01-21506	ENTERGY	169608	47143193: 05-26-21 - 06-25-21 I	202107071538	6/29/2021	28.76	
			47143193: 05-26-21 - 06-25-21	400-650-630	28.76		
01-21506	ENTERGY	169609	64589617: 05-26-21 - 06-25-21 I	202107071539	6/29/2021	11.89	
			64589617: 05-26-21 - 06-25-21	001-340-630	11.89		
01-21506	ENTERGY	169610	64589682: 05-26-21 - 06-25-21 I	202107071540	6/29/2021	7.62	
			64589682: 05-26-21 - 06-25-21	001-340-630	7.62		
01-21506	ENTERGY	169611	69877777: 05-26-21 - 06-25-21 I	202107071541	6/29/2021	7.62	
			69877777: 05-26-21 - 06-25-21	001-340-630	7.62		
01-21506	ENTERGY	169612	69877793: 05-26-21 - 06-25-21 I	202107071542	6/29/2021	8.12	
			69877793: 05-26-21 - 06-25-21	001-340-630	8.12		
01-21506	ENTERGY	169613	69877819: 05-24-21 - 06-25-21 I	202107071543	6/29/2021	7.62	
			69877819: 05-24-21 - 06-25-21	001-340-630	7.62		
01-21506	ENTERGY	169614	74592593: 05-26-21 - 06-25-21 I	202107071544	6/29/2021	101.73	
			74592593: 05-26-21 - 06-25-21	001-201-630	101.73		
01-21506	ENTERGY	169615	74592635: 05-26-21 - 06-25-21 I	202107071545	6/29/2021	112.06	
			74592635: 05-26-21 - 06-25-21	400-650-630	112.06		
01-21506	ENTERGY	169616	75485649: 05-25-21 - 06-23-21 I	202107071546	6/29/2021	11.31	
			75485649: 05-25-21 - 06-23-21	001-201-684	11.31		
01-21506	ENTERGY	169617	78293693: 05-26-21 - 06-25-21 I	202107071547	6/29/2021	43.24	
			78293693: 05-26-21 - 06-25-21	001-201-684	43.24		
01-21506	ENTERGY	169618	86654423: 05-26-21 - 06-25-21 I	202107071548	6/29/2021	20.68	
			86654423: 05-26-21 - 06-25-21	400-650-630	20.68		
01-21506	ENTERGY	169619	100962695: 05-27-21 - 06-28-21 I	202107081549	6/30/2021	7.62	
			100962695: 05-27-21 - 06-28-21	400-650-630	7.62		
01-21506	ENTERGY	169620	132314451: 05-27-21 - 06-28-21 I	202107081550	6/30/2021	2,995.19	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT	
01-21506	ENTERGY	169620	132314451: 05-27-21 - 06-28-21 I	202107081550	6/30/2021	2,995.19	CONT
			132314451: 05-27-21 - 06-28-21	400-650-630	2,995.19		
01-21506	ENTERGY	169621	170074470: 05-26-21 - 06-25-21 I	202107081551	6/30/2021	276.39	
			170074470: 05-26-21 - 06-25-21	001-201-684	276.39		
01-21506	ENTERGY	169622	170074512: 05-27-21 - 06-28-21 I	202107081552	6/30/2021	69.58	
			170074512: 05-27-21 - 06-28-21	001-201-684	69.58		
01-21506	ENTERGY	169623	17717240: 05-26-21 - 06-25-21 I	202107081553	6/30/2021	364.93	
			17717240: 05-26-21 - 06-25-21	001-201-630	364.93		
01-21506	ENTERGY	169624	17853490: 05-26-21 - 06-25-21 I	202107081554	6/30/2021	2,050.56	
			17853490: 05-26-21 - 06-25-21	001-340-630	2,050.56		
01-21506	ENTERGY	169625	51277291: 05-27-21 - 06-28-21 I	202107081555	6/30/2021	1,004.73	
			51277291: 05-27-21 - 06-28-21	001-160-630	1,004.73		
01-21506	ENTERGY	169626	86018090: 05-27-21 - 06-28-21 I	202107081556	6/30/2021	6,783.46	
			86018090: 05-27-21 - 06-28-21	400-650-630	6,783.46		
01-21506	ENTERGY	169627	86296498: 05-27-21 - 06-28-21 I	202107081557	6/30/2021	36.62	
			86296498: 05-27-21 - 06-28-21	400-650-630	36.62		
01-21506	ENTERGY	169628	106735830: 05-28-21 - 06-29-21 I	202107091558	7/01/2021	20.55	
			106735830: 05-28-21 - 06-29-21	001-201-684	20.55		
01-21506	ENTERGY	169629	114576796: 05-28-21 - 06-29-21 I	202107091559	7/01/2021	57.16	
			114576796: 05-28-21 - 06-29-21	001-201-684	57.16		
01-21506	ENTERGY	169630	114576804: 05-28-21 - 06-29-21 I	202107091560	7/01/2021	44.46	
			114576804: 05-28-21 - 06-29-21	001-201-684	44.46		
01-21506	ENTERGY	169631	125337436: 05-27-21 - 06-29-21 I	202107091561	7/01/2021	74.76	
			125337436: 05-27-21 - 06-29-21	001-201-684	74.76		
01-21506	ENTERGY	169632	170073621: 05-27-21 - 06-28-21 I	202107091562	7/01/2021	147.43	
			170073621: 05-27-21 - 06-28-21	001-201-684	147.43		
01-21506	ENTERGY	169633	67111021: 05-28-21 - 06-29-21 I	202107091563	7/01/2021	8.80	
			67111021: 05-28-21 - 06-29-21	001-201-684	8.80		
01-21506	ENTERGY	169634	73076234: 05-28-21 - 06-29-21 I	202107091564	7/01/2021	50.99	
			73076234: 05-28-21 - 06-29-21	001-201-684	50.99		
01-21506	ENTERGY	169635	73076317: 05-28-21 - 06-29-21 I	202107091565	7/01/2021	70.06	
			73076317: 05-28-21 - 06-29-21	001-201-684	70.06		
01-21506	ENTERGY	169636	77345429: 05-28-21 - 06-29-21 I	202107091566	7/01/2021	69.41	
			77345429: 05-28-21 - 06-29-21	001-201-684	69.41		
01-21506	ENTERGY	169637	97289623: 05-28-21 - 06-29-21 I	202107091567	7/01/2021	17.76	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	INVOICE DATE	AMOUNT	
01-21506	ENTERGY	169637	97289623: 05-28-21 - 06-29-21 I	202107091567	7/01/2021	17.76	CONT
			97289623: 05-28-21 - 06-29-21	001-160-630	17.76		
01-21506	ENTERGY	169638	112618996: 05-27-21 - 06-28-21 I	202107091576	7/02/2021	60.15	
			112618996: 05-27-21 - 06-28-21	001-201-684	60.15		
01-21506	ENTERGY	169639	112619010: 06-01-21 - 06-30-21 I	202107091577	7/02/2021	65.38	
			112619010: 06-01-21 - 06-30-21	001-201-684	65.38		
01-21506	ENTERGY	169640	114576788: 05-27-21 - 06-28-21 I	202107091578	7/02/2021	52.15	
			114576788: 05-27-21 - 06-28-21	001-201-684	52.15		
01-21506	ENTERGY	169641	114576812: 06-01-21 - 06-30-21 I	202107091579	7/02/2021	51.26	
			114576812: 06-01-21 - 06-30-21	001-201-684	51.26		
01-21506	ENTERGY	169642	125333245: 05-27-21 - 06-28-21 I	202107091580	7/02/2021	44.60	
			125333245: 05-27-21 - 06-28-21	001-201-684	44.60		
01-21506	ENTERGY	169643	125333369: 06-01-21 - 06-30-21 I	202107091581	7/02/2021	23.29	
			125333369: 06-01-21 - 06-30-21	001-201-684	23.29		
01-21506	ENTERGY	169644	125333385: 06-01-21 - 06-30-21 I	202107091582	7/02/2021	23.17	
			125333385: 06-01-21 - 06-30-21	001-201-684	23.17		
01-21506	ENTERGY	169645	125337220: 06-01-21 - 06-30-21 I	202107091583	7/02/2021	73.99	
			125337220: 06-01-21 - 06-30-21	001-201-684	73.99		
01-21506	ENTERGY	169646	165860172: 06-01-21 - 06-30-21 I	202107091584	7/02/2021	11.27	
			165860172: 06-01-21 - 06-30-21	001-100-630	11.27		
01-21506	ENTERGY	169647	168311660: 06-01-21 - 06-30-21 I	202107091585	7/02/2021	18.06	
			168311660: 06-01-21 - 06-30-21	400-650-630	18.06		
01-21506	ENTERGY	169648	64563828: 06-01-21 - 06-30-21 I	202107091586	7/02/2021	47.45	
			64563828: 06-01-21 - 06-30-21	001-201-684	47.45		
01-21506	ENTERGY	169649	112618988: 06-02-21 - 07-01-21 I	202107151637	7/06/2021	71.90	
			112618988: 06-02-21 - 07-01-21	001-201-684	71.90		
01-21506	ENTERGY	169650	157107822: 06-02-21 - 07-01-21 I	202107151638	7/06/2021	87.72	
			157107822: 06-02-21 - 07-01-21	001-201-684	87.72		
01-21506	ENTERGY	169651	170074496: 06-02-21 - 07-01-21 I	202107151639	7/06/2021	88.51	
			170074496: 06-02-21 - 07-01-21	001-201-684	88.51		
01-21506	ENTERGY	169652	172163651: 06-02-21 - 07-01-21 I	202107151640	7/06/2021	77.50	
			172163651: 06-02-21 - 07-01-21	001-340-630	77.50		
01-21506	ENTERGY	169653	18014480: 06-02-21 - 07-01-21 I	202107151641	7/06/2021	36.45	
			18014480: 06-02-21 - 07-01-21	001-340-630	36.45		
01-21506	ENTERGY	169654	19579978: 06-02-21 - 07-01-21 I	202107151642	7/06/2021	7.62	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT	
01-21506	ENTERGY	169654	19579978: 06-02-21 - 07-01-21	I 202107151642	7/06/2021	7.62	CONT
			19579978: 06-02-21 - 07-01-21	001-340-630	7.62		
01-21506	ENTERGY	169655	67890202: 06-02-21 - 07-01-21	I 202107151643	7/06/2021	82.73	
			67890202: 06-02-21 - 07-01-21	001-201-684	82.73		
01-21506	ENTERGY	169656	77233922: 06-02-21 - 07-01-21	I 202107151644	7/06/2021	7.62	
			77233922: 06-02-21 - 07-01-21	001-201-630	7.62		
01-21506	ENTERGY	169657	95283941: 05-27-21 - 06-28-21	I 202107151645	7/06/2021	81.70	
			95283941: 05-27-21 - 06-28-21	001-201-684	81.70		
01-21506	ENTERGY	169658	68325224: 05-26-21 - 06-25-21	I 202107151646	7/07/2021	7.62	
			68325224: 05-26-21 - 06-25-21	001-201-684	7.62		
01-21506	ENTERGY	169659	125337451: 05-27-21 - 06-28-21	I 202107151647	7/08/2021	44.85	
			125337451: 05-27-21 - 06-28-21	001-201-684	44.85		
01-21506	ENTERGY	169660	65003816: 05-28-21 - 06-29-21	I 202107151649	7/01/2021	48.88	
			65003816: 05-28-21 - 06-29-21	001-201-684	48.88		
01-02231	EWING IRRIGATION PRODUCTS	169661	IRRIGATION REPAIR	I 14539926	6/21/2021	14.51	
			EMPRO DEFOAMER	001-340-575	14.51		
01-23490	FOLIAGE DESIGN SYSTEMS	169662	JULY MAINTENANCE	I 951743	7/01/2021	167.50	
			JULY MAINTENANCE	001-100-604	167.50		
01-24500	FUELMAN OF MS-#127779	169663	127779; 07-05-21 - 07-11-21	I NP60396088	7/12/2021	41.37	
			127779; 07-05-21 - 07-11-21	001-092-525	41.37		
01-01867	FUELMAN OF MS-#127780	169664	127780; 06-28-21 - 07-04-21	I NP60366120	7/05/2021	2,056.96	
			127780; 06-28-21 - 07-04-21	001-201-525	1,298.37		
			127780; 06-28-21 - 07-04-21	400-650-525	758.59		
01-01868	FUELMAN OF MS-#127781	169665	127781; 06-28-21 - 07-04-21	I NP60366121	7/05/2021	636.83	
			127781; 06-28-21 - 07-04-21	001-160-525	636.83		
01-01869	FUELMAN OF MS-#127782	169666	127782; 06-21-21 - 06-27-21	I NP60289749	6/28/2021	35.05	
			127782; 06-21-21 - 06-27-21	001-180-525	35.05		
01-01869	FUELMAN OF MS-#127782	169667	127782; 06-28-21 - 07-04-21	I NP60366122	7/05/2021	168.28	
			127782; 06-28-21 - 07-04-21	001-180-525	168.28		
01-01869	FUELMAN OF MS-#127782	169668	127782; 07-05-21 - 07-11-21	I NP60396091	7/12/2021	88.14	
			127782; 07-05-21 - 07-11-21	001-180-525	88.14		
01-01870	FUELMAN OF MS-#127783	169669	127783; 06-28-21 - 07-04-21	I NP60366123	7/05/2021	3,379.18	
			127783; 06-28-21 - 07-04-21	001-100-525	3,379.18		
01-01870	FUELMAN OF MS-#127783	169670	127783: 07-05-21 - 07-11-21	I NP60396092	7/12/2021	2,882.80	
			127783: 07-05-21 - 07-11-21	001-100-525	2,882.80		

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-01871	FUELMAN OF MS-#127785	169671	127785; 06-28-21 - 07-04-21	I NP60366124	7/05/2021	308.10
			127785; 06-28-21 - 07-04-21	001-340-525	308.10	
01-00218	GIESSNER, BERNIE	169672	JANUARY 7, 2021 MEETING	I 010721	1/07/2021	50.00
			JANUARY 7, 2021 MEETING	001-180-611	50.00	
01-00218	GIESSNER, BERNIE	169673	FEBRUARY 4, 2021 MEETING	I 020421	2/04/2021	50.00
			FEBRUARY 4, 2021 MEETING	001-180-611	50.00	
01-00218	GIESSNER, BERNIE	169674	JULY 23, 2020 MEETING	I 072320	7/23/2020	50.00
			JULY 23, 2020 MEETING	001-180-611	50.00	
01-00218	GIESSNER, BERNIE	169675	DECEMBER 17, 2020 MEETING	I 121720	12/17/2020	50.00
			DECEMBER 17, 2020 MEETING	001-180-611	50.00	
01-25670	GLOBAL EQUIPMENT COMPANY	169676	DRINKING FOUNTAIN	I 117843473	6/25/2021	915.00
			DRINKING FOUNTAIL	010-101-540	915.00	
01-26200	GRAINGER, W W INC	169677	VEHICLES SUPPLY	I 9935998568	6/17/2021	139.27
			TOOL BOX LOCK	001-201-540	11.11	
			4" STOP LIGHT	001-201-632	35.84	
			5/16" FUEL LINE 25'	001-201-632	22.60	
			BRAKE CLEANER	001-201-632	69.72	
01-26200	GRAINGER, W W INC	169678	VEHICLES SUPPLY	I 9937040997	6/18/2021	35.40
			20" WIPER BLADES	001-201-632	22.28	
			22" WIPER BLADES	001-201-632	13.12	
01-26200	GRAINGER, W W INC	169679	LETTER SETS	I 9948524179	6/29/2021	50.94
			48FV80 LETTER SET	001-201-540	50.94	
01-06063	ISSAC CRUZ GRANILLO	169680	REMITTANCE OF BOND FEE	I 202107141596	7/09/2021	257.75
			REMITTANCE OF BOND FEE	001-000-122	257.75	
01-05881	GUARDIAN ALLIANCE TECHNOL	169681	HUGHES B/G CK	I 13647	6/30/2021	200.00
			HUGHES B/G CK	001-100-604	200.00	
01-01201	HAMMETT, POLLY	169682	JULY 9, 2021 MEETING	I 070921	7/09/2021	50.00
			JULY 9, 2021 MEETING	001-550-599	50.00	
01-02256	HART, ALAN	169683	ADV TRAV: 07-25-21 - 07-27-21	I 202107141608	7/14/2021	354.70
			ADV TRAV: 07-25-21 - 07-27-21	001-180-610	354.70	
01-02256	HART, ALAN	169684	ADV TRAV: 07-28-21 - 07-30-21	I 202107141609	7/14/2021	193.20
			ADV TRAV: 07-28-21 - 07-30-21	001-180-610	193.20	
01-29250	HEDERMAN BROTHERS	169685	MINUTE BOOK PAPER	I 51954	6/30/2021	300.00
			MINUTE BOOK PAPER	001-180-540	300.00	
01-29350	HEMPHILL CONSTRUCTION INC	169686	RICE ROAD EXT PROJECT	I 3J	6/29/2021	230,243.72
			RICE ROAD EXT PROJECT	390-601-750	230,243.72	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-02680	HIGHLAND BUILDING SERVICE	169687	REC CENTER CLEANING	I 3909	7/01/2021	640.00
			REC CENTER CLEANING	001-340-604	640.00	
01-31475	HUTTO'S	169688	CENTIPEDE SOD	I 449377	6/30/2021	103.23
			CENTIPEDE SOD	001-201-575	103.23	
01-31600	HYDRAULIC SERVICE & SUPPL	169689	TEST STEERING CYLINDER	I 125327	6/23/2021	340.91
			REPAIR STEERING CYL	001-201-635	340.91	
01-31600	HYDRAULIC SERVICE & SUPPL	169690	TEST STEERING CYLINDER	I 125335	6/23/2021	234.83
			REPAIR CYL. DUMP TR	400-650-632	234.83	
01-32675	INTERSTATE BATTERY SYSTEM	169691	FD - FLASHLIGHT RSRV 1	I 01034240	7/08/2021	227.89
			SURVIVOR LED W/AC	001-160-540	169.99	
			WIRELESS CHARGER	001-160-540	57.90	
01-33380	JACKSON COMMUNICATIONS IN	169692	P377 RADIO REPAIR	I 164183	7/07/2021	75.00
			LABOR	001-100-632	45.00	
			UPDATE FIRMWARE	001-100-632	30.00	
01-33800	JACKSON PAPER COMPANY	169693	FD - SUPPLIES ST.2	I 1242974	6/28/2021	72.01
			PAPER TOWELS	001-160-510	17.92	
			TOILET PAPER	001-160-510	29.12	
			CENTERPULL TOWEL	001-160-510	24.97	
01-33800	JACKSON PAPER COMPANY	169694	FD - SUPPLIES ST. 3	I 1242976	6/28/2021	47.04
			PAPER TOWELS	001-160-510	17.92	
			TOILET PAPER	001-160-510	29.12	
01-33800	JACKSON PAPER COMPANY	169695	FD - SUPPLIES ST. 1	I 1242979	6/28/2021	71.68
			PAPER TOWELS	001-160-510	71.68	
01-04595	JACKSON, CLAIRE	169696	JULY 9, 2021 MEETING	I 070921	7/09/2021	50.00
			JULY 9, 2021 MEETING	001-550-599	50.00	
01-05137	JCPENNY	169697	REMITTANCE OF RESTITUTION	I 202107141611	7/09/2021	40.00
			REMITTANCE OF RESTITUTION	001-000-122	40.00	
01-05966	JOE T'S	169698	REMITTANCE OF RESTITUTION	I 202107141610	7/09/2021	65.51
			REMITTANCE OF RESTITUTION	001-000-122	65.51	
01-06015	JP MIDSOUTH CLEANING SYST	169699	FD- WAX FLOORS ST. 4	I 203982	6/04/2021	1,341.00
			FLOOR CLEANING/WAX	001-160-637	1,341.00	
01-05967	DESTINEY LEE	169700	REMITTANCE OF RESTITUTION	I 202107141612	7/09/2021	25.00
			REMITTANCE OF RESTITUTION	001-000-122	25.00	
01-03299	LEXISNEXIS RISK DATA MANA	169701	JUNE 21 FEES	I 1191070-20210630	6/30/2021	729.58
			JUNE 21 FEES	001-100-604	729.58	
01-02031	LOWE'S BUSINESS ACCOUNT	169702	ICE CONNECTOR	I 01338	7/06/2021	45.96

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT	
01-02031	LOWE'S BUSINESS ACCOUNT	169702	ICE CONNECTOR	I 01338	7/06/2021	45.96	CONT
			ICE CONNECTOR	001-180-540	39.00		
			3/8 X 1/4 ADD-A-TEE	001-180-540	6.96		
01-02031	LOWE'S BUSINESS ACCOUNT	169703	FD - HYDRANT MAINT	I 02929	7/08/2021	23.15	
			LUCAS OIL	001-160-540	23.15		
01-02031	LOWE'S BUSINESS ACCOUNT	169704	PITCHING MOUND REPAIR	I 23256	7/08/2021	55.76	
			VEL 2INX15FT WHT	001-340-637	55.76		
01-02031	LOWE'S BUSINESS ACCOUNT	169705	EXTENSION CORDS	I 23540	7/01/2021	524.40	
			100FT 12/3 TRIPLE TA	001-340-650	304.05		
			UTLT 50FT 12/3	001-340-650	220.35		
01-05221	LYNN, RANDALL	169706	JUNE 22, 2021 MEETING	I 062221	6/22/2021	50.00	
			JUNE 22, 2021 MEETING	001-180-611	50.00		
01-02372	MAC'S FRESH MARKET	169707	PW CWC WORKERS	I 202107091588	6/30/2021	178.88	
			PLATE LUNCHES	001-201-540	178.88		
01-02372	MAC'S FRESH MARKET	169708	JUNE CWC MEALS RPD	I 202107091589	7/02/2021	166.50	
			JUNE CWC MEALS RPD	001-100-540	145.34		
			JUNE CWC MEALS RPD	001-100-540	4.59		
			JUNE CWC MEALS RPD	001-100-540	5.59		
			JUNE CWC MEALS RPD	001-100-540	10.98		
01-41000	MADISON COUNTY JOURNAL	169709	JUNE 2021 ADVERTISEMENTS	I 2021CI-1817	6/25/2021	1,526.79	
			JUNE 2021 ADVERTISEMENTS	001-040-615	415.35		
			JUNE 2021 ADVERTISEMENTS	001-180-615	1,059.36		
			JUNE 2021 ADVERTISEMENTS	001-201-615	52.08		
01-41100	MADISON COUNTY SHERIFF'S	169710	MAY 2021 HOUSING	I R-0521	6/17/2021	7,476.00	
			MAY 2021 HOUSING	001-100-687	7,476.00		
01-41100	MADISON COUNTY SHERIFF'S	169711	MAY 2021 MEDICAL	I R-M0521	6/17/2021	129.05	
			MAY 2021 MEDICAL	001-100-687	129.05		
01-03554	MADISON SOUTH RUBBISH LAN	169712	LANDFILL CHARGE	I 15244	6/24/2021	798.00	
			12 CUBIC YARDS	001-201-683	702.00		
			6 CUBIC YARDS	001-201-683	39.00		
			HOST FEE	001-201-683	28.50		
			ENIVORMENTAL FEE	001-201-683	28.50		
01-03554	MADISON SOUTH RUBBISH LAN	169713	LANDFILL CHARGE	I 15283	7/06/2021	1,218.00	
			12 CUBIC YARDS	001-201-683	1,092.00		
			6 CUBIC YARDS	001-201-683	39.00		
			HOST FEE	001-201-683	43.50		
			ENVIROMENTAL FEE	001-201-683	43.50		
01-05253	MAGEE-PRAYTOR, LYNETTE	169714	JUNE 22, 2021 MEETING	I 062221	6/22/2021	50.00	
			JUNE 22, 2021 MEETING	001-180-611	50.00		

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-05253	MAGEE-PRAYTOR, LYNETTE	169715	JULY 13, 2021 MEETING	I 071321	7/13/2021	50.00
			JULY 13, 2021 MEETING	001-180-611	50.00	
01-03880	MALONE, DOUGLAS	169716	JANUARY 7, 2021 MEETING	I 010721	1/07/2021	50.00
			JANUARY 7, 2021 MEETING	001-180-611	50.00	
01-03880	MALONE, DOUGLAS	169717	FEBRUARY 4, 2021 MEETING	I 020421	2/04/2021	50.00
			FEBRUARY 4, 2021 MEETING	001-180-611	50.00	
01-03880	MALONE, DOUGLAS	169718	JULY 23, 2020 MEETING	I 072320	7/23/2020	50.00
			JULY 23, 2020 MEETING	001-180-611	50.00	
01-03880	MALONE, DOUGLAS	169719	DECEMBER 17, 2020 MEETING	I 121720	12/17/2020	50.00
			DECEMBER 17, 2020 MEETING	001-180-611	50.00	
01-42480	MARTINSON'S GARDEN WORKS	169720	COW MANURE	I 24512	6/22/2021	199.80
			COW MANURE	001-201-575	99.90	
			MUSHROOM COMPOST	001-201-575	99.90	
01-42480	MARTINSON'S GARDEN WORKS	169721	COW MANURE	I 24528	6/22/2021	749.25
			COW MANURE	001-201-575	749.25	
01-06061	MARY BETH MCCULLOUCH	169722	ADV TRV: 07-25-21 - 07-28-21	I 202107151648	7/15/2021	407.60
			ADV TRV: 07-25-21 - 07-28-21	001-093-610	407.60	
01-01984	MCDONALD DIRT WORKS	169723	TOP SOIL & RIVER SAND	I 709666	7/05/2021	3,875.50
			TOP SOIL	001-201-575	2,650.50	
			RIVER SAND	001-201-575	1,225.00	
01-42880	MCGEE, GENE	169724	ADV TRAV: 07-24-21 - 07-27-21	I 202107141613	7/14/2021	211.60
			ADV TRAV: 07-24-21 - 07-27-21	001-020-610	211.60	
01-42880	MCGEE, GENE	169725	ADV TRAV: 07-28-21 - 07-30-21	I 202107141614	7/14/2021	193.20
			ADV TRAV: 07-28-21 - 07-30-21	001-020-610	193.20	
01-42882	MCGRAW GOTTA-GO	169726	PORTALETS FOR BG 2021	I 50152C	7/02/2021	4,500.00
			SPECIAL EVENTS TOILE	001-340-650	1,875.00	
			8 STATION DELUXE	001-340-650	1,500.00	
			HANDICAP BATHROOM	001-340-650	150.00	
			HANDWASH STATIONS	001-340-650	375.00	
			DELIVERY RR TRAILER	001-340-650	150.00	
			TRIPS ON TOILETS	001-340-650	450.00	
01-42975	MEL LUNA SAW COMPANY	169727	MOWER PARTS	I 92358	7/12/2021	375.44
			WEEDEATER STRING	001-201-540	165.00	
			PANHARD BAR	001-201-635	89.73	
			FUEL SENDER	001-201-635	110.87	
			GASKET	001-201-635	9.84	
01-02605	MILLER, LARRY A	169728	JANUARY 7, 2021 MEETING	I 010721	1/07/2021	50.00
			JANUARY 7, 2021 MEETING	001-180-611	50.00	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-02605	MILLER, LARRY A	169729	FEBRUARY 4, 2021 MEETING	I 020421	2/04/2021	50.00
			FEBRUARY 4, 2021 MEETING	001-180-611	50.00	
01-02605	MILLER, LARRY A	169730	JULY 23, 2020 MEETING	I 072320	7/23/2020	50.00
			JULY 23, 2020 MEETING	001-180-611	50.00	
01-02605	MILLER, LARRY A	169731	DECEMBER 17, 2020 MEETING	I 121720	12/17/2020	50.00
			DECEMBER 17, 2020 MEETING	001-180-611	50.00	
01-01123	MISS ASSOCIATION OF CHIEF	169732	COMMAND COLLEGE	I 070721-10	7/07/2021	700.00
			COMMAND COLLEGE	001-100-681	700.00	
01-04591	MISS DEPARTMENT OF PUBLIC	169733	JUNE 2021	I 202107141597	7/02/2021	2,272.95
			JUNE 2021	001-000-118	2,272.95	
01-47297	MISS RUBBER CO	169734	HYDRAULIC HOSE	I 695477-1	6/30/2021	153.69
			HYDRAULIC HOSE	001-201-635	153.69	
01-47890	MISS TENT AND PARTY RENTA	169735	TABLE & LINEN RENTAL	I 108289	7/02/2021	481.20
			COCKTAIL TABLES	001-093-650	108.50	
			ROUND 36" TABLE	001-093-650	13.50	
			LINEN CLOTH 120" RND	001-093-650	119.00	
			LINEN 90" X 132"	001-093-650	76.00	
			LINEN RND108" RND	001-093-650	15.00	
			SETUP LABOR	001-093-650	16.00	
			DELIVERY	001-093-650	50.00	
			PICKUP	001-093-650	50.00	
			DAMAGE WAIVER	001-093-650	33.20	
01-04419	MISSISSIPPI AG COMPANY	169736	MOWER PARTS	I P63536	7/12/2021	219.61
			SPINDLE	001-201-635	152.29	
			BLADES	001-201-635	67.32	
01-05793	MISSISSIPPI YARD BARBER	169737	LAWN MAINT 06-28-21	I 1550	7/03/2021	4,064.00
			LAWN MAINT 06-28-21	001-201-604	4,064.00	
01-05793	MISSISSIPPI YARD BARBER	169738	LAWN MAINT 07-05-21	I 1552	7/06/2021	4,064.00
			LAWN MAINT 07-05-21	001-201-604	4,064.00	
01-05432	ROBERT MOORE	169739	JUNE 22, 2021 MEETING	I 062221	6/22/2021	50.00
			JUNE 22, 2021 MEETING	001-180-611	50.00	
01-05432	ROBERT MOORE	169740	JULY 13, 2021 MEETING	I 071321	7/13/2021	50.00
			JULY 13, 2021 MEETING	001-180-611	50.00	
01-05425	MORGAN, TAYLOR	169741	JUNE 22, 2021 MEETING	I 062221	6/22/2021	50.00
			JUNE 22, 2021 MEETING	001-180-611	50.00	
01-49450	MOTION INDUSTRIES INC	169742	02138636 BEARING	I MS40-106162	6/23/2021	28.24
			02138636 BEARING	001-201-635	23.24	
			FREIGHT	001-201-635	5.00	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-05642	MSURANCE INC	169743	INSURANCE FOR BG 2021	I 0000683	7/01/2021	4,263.19
			INSURANCE	001-340-650	4,263.19	
01-51950	NEAL, JOHN	169744	ADV TRAV: 07-25-21 - 07-28-21	I 202107141615	7/14/2021	211.60
			ADV TRAV: 07-25-21 - 07-28-21	001-100-610	211.60	
01-04679	NEXAIR, LLC	169745	TORCH BOTTLE RENTAL	I 08968412	6/30/2021	66.20
			HIGH PSI BOTTLE	400-650-540	27.60	
			LOW PSI BOTTLE	400-650-540	27.60	
			CYLINDER MAINTENANCE	400-650-540	11.00	
01-53160	NORTHERN TOOL & EQUIPMENT	169746	SCREW EXTRACTOR SET	I 6401025949	6/24/2021	19.99
			SCREW EXTRACTOR SET	001-201-540	19.99	
01-53715	OFFICE PRODUCTS PLUS INC	169747	STAMPS	C C939795-0	6/25/2021	23.00CR
			STAMP RETURN	001-040-540	23.00CR	
01-53715	OFFICE PRODUCTS PLUS INC	169748	STAMPS	I 939795-0	5/14/2021	57.00
			SIGNATURE STAMP PT	001-040-540	23.00	
			CITY SEAL STAMP	001-040-540	34.00	
01-53715	OFFICE PRODUCTS PLUS INC	169749	STAMPS	I 942668-0	6/28/2021	39.75
			STAMP REORDER	001-040-540	32.00	
			INKPAD REPLACE	001-040-540	7.75	
01-53715	OFFICE PRODUCTS PLUS INC	169750	FD - OFFICE SUPPLIES ST.1	I 947238-0	7/07/2021	48.45
			MANILA FOLDERS	001-160-500	29.64	
			HANGING FILES	001-160-500	12.99	
			MESSAGE BOOK	001-160-500	5.82	
01-06064	NOLAN PALMER	169751	REMITTANCE OF RESTITUTION	I 202107141617	7/09/2021	97.00
			REMITTANCE OF RESTITUTION	001-000-122	97.00	
01-05974	PARKER INDUSTRIES LLC	169752	TREE CUTTING & REMOVAL	I 003	7/05/2021	740.00
			BRADFORD PEAR A WP	001-340-604	420.00	
			STUMP GRINDING WP	001-340-604	120.00	
			DEAD TREE AT TCENTER	001-340-604	120.00	
			STUMP GRINDING TCENT	001-340-604	80.00	
01-04346	PARKER, PHYLLIS	169753	JULY 9, 2021 MEETING	I 070921	7/09/2021	50.00
			JULY 9, 2021 MEETING	001-550-599	50.00	
01-54775	PARTY CITY	169754	FD - SUPPLIES ALL STATION	I 202107091590	6/16/2021	39.98
			FOG FLUID	001-160-681	39.98	
01-54775	PARTY CITY	169755	REMITTANCE OF RESTITUTION	I 202107141616	7/09/2021	300.00
			REMITTANCE OF RESTITUTION	001-000-122	300.00	
01-55060	PEARL RIVER VALLEY WATER	169756	90400: 05-19-21 - 06-20-21	I 202107141619	6/30/2021	224.07
			90400: 05-19-21 - 06-20-21	001-340-630	224.07	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT
01-05302	PERKINS, SARA	169757	ADV TRAV: 07-25-21 - 07-30-21	I 202107141618	7/14/2021	264.50
			ADV TRAV: 07-25-21 - 07-30-21	001-100-610	264.50	
01-04399	PITNEY BOWES GLOBAL FINAN	169758	05-01-21 - 07-31-21 BILLING	I 3313866758	6/27/2021	418.77
			05-01-21 - 07-31-21 BILLING	001-040-635	418.77	
01-03279	PNC EQUIPMENT FINANCE	169759	COMMERCIAL LEASE EQUIPMENT	I 1184748	7/02/2021	5,624.73
			COMMERCIAL LEASE EQUIPMENT	001-340-604	5,624.73	
01-57350	PRASSEL LUMBER COMPANY IN	169760	PORTLAND	I 979504	6/30/2021	412.16
			PORTLAND	001-201-575	412.16	
01-58550	QUALITY CHEMICAL & SUPPLY	169761	JANITORAL SUPPLIES	I 193931	6/24/2021	837.68
			CENTER PULL TOWELS	400-650-510	348.80	
			TOILET TISSUE	400-650-510	149.40	
			LG. TRASH BAGS	400-650-510	208.40	
			8OZ. COFFEE CUP	400-650-540	131.08	
01-58550	QUALITY CHEMICAL & SUPPLY	169762	FD - SUPPLIES	I 193962	6/28/2021	144.04
			AUTO WASH	001-160-510	77.62	
			HAND SOAP	001-160-510	66.42	
01-58975	R O C I C	169763	HOMICIDE CONFERENCE	I 101307	7/08/2021	150.00
			HOMICIDE CONFERENCE	001-100-681	150.00	
01-06056	RANGE BY JIMMY PRIMOS	169764	410 AMMO STOCK	I 7221	7/02/2021	161.97
			45 LONG COLT	001-100-540	161.97	
01-05276	RICE, JUDY	169765	JANUARY 7, 2021 MEETING	I 010721	1/07/2021	50.00
			JANUARY 7, 2021 MEETING	001-180-611	50.00	
01-05276	RICE, JUDY	169766	DECEMBER 17, 2020 MEETING	I 121720	12/17/2020	50.00
			DECEMBER 17, 2020 MEETING	001-180-611	50.00	
01-04325	RICHARDSON, JAN M.	169767	JULY 9, 2021 MEETING	I 070921	7/09/2021	50.00
			JULY 9, 2021 MEETING	001-550-599	50.00	
01-60825	RICK'S PRO TRUCK & AUTO A	169768	TOOL BOX & MAT	I 190869	6/29/2021	463.89
			TOOL BOX	400-650-740	363.94	
			BED MAT	400-650-740	99.95	
01-06002	RIDGELAND DISCOUNT WINE &	169769	REMITTANCE OF RESTITUTION	I 202107141621	7/09/2021	23.99
			REMITTANCE OF RESTITUTION	001-000-122	23.99	
01-01051	RIDGELAND HIGH SCHOOL	169770	REMITTANCE OF RESTITUTION	I 202107141620	7/09/2021	10.00
			REMITTANCE OF RESTITUTION	001-000-122	10.00	
01-05982	RS ELECTRIC SERVICES	169771	FD - GENERATOR ST. 4	I 1525	6/22/2021	1,302.95
			GENERATOR	001-160-635	1,302.95	
01-05488	SIMMONS LANDSCAPE LLC	169772	JULY LAWN MAINTENANCE	I 16-14501	7/01/2021	477.68

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT	
01-05488	SIMMONS LANDSCAPE LLC	169772	JULY LAWN MAINTENANCE	I 16-14501	7/01/2021	477.68	CONT
			JULY LAWN MAINTENANCE	001-100-637	477.68		
01-03210	SOUTHERN CONNECTION POLIC	169773	RAFIDI BALLISTIC VEST	I 18366	7/02/2021	850.00	
			RAFIDI BALLISTIC VEST	001-100-535	850.00		
01-03210	SOUTHERN CONNECTION POLIC	169774	INSTALL LIGHTS	I 18373	7/06/2021	712.00	
			GREEN & WHITE LIGHTS	400-650-740	392.00		
			MISC SUPPLIES	400-650-740	35.00		
			LABOR	400-650-740	285.00		
01-03210	SOUTHERN CONNECTION POLIC	169775	THOMPSON,MONTREAL VEST	I 18389	7/06/2021	850.00	
			THOMPSON,MONTREAL VEST	001-100-535	850.00		
01-04508	BC LANDSCAPE AND LAWN SER	169776	CENTIPEDE SOD	I 035394	6/22/2021	480.00	
			CENTIPEDE SOD	001-201-575	480.00		
01-06060	SOUTHERN VEIN CARE	169777	PRIVILEGE LICENSE OVRPYMENT	I 202107141599	6/30/2021	89.50	
			PRIVILEGE LICENSE OVRPYMENT	001-000-220	89.50		
01-04347	STACY, LEA ANNE	169778	JULY 9, 2021 MEETING	I 070921	7/09/2021	50.00	
			JULY 9, 2021 MEETING	001-550-599	50.00		
01-67940	STAR SERVICE INC OF JACKS	169779	COURTROOM HOT	I 738050	5/18/2021	922.87	
			LABOR	001-010-637	540.00		
			PARTS	001-010-637	332.87		
			TRUCK CHARGE	001-010-637	50.00		
01-67940	STAR SERVICE INC OF JACKS	169780	COURTROOM HOT	I 738126	6/22/2021	1,200.00	
			FREON REPLACEMENT	001-010-637	1,200.00		
01-67940	STAR SERVICE INC OF JACKS	169781	JULY 2021: TENNIS CENTER	I 738327	6/25/2021	175.56	
			JULY 2021: TENNIS CENTER	001-340-637	175.56		
01-67940	STAR SERVICE INC OF JACKS	169782	JULY 2021: STREET DEPT	I 738328	6/25/2021	173.89	
			JULY 2021: STREET DEPT	001-201-637	173.89		
01-67940	STAR SERVICE INC OF JACKS	169783	JULY 2021: ST1	I 738329	6/25/2021	220.27	
			JULY 2021: ST1	001-160-637	220.27		
01-67940	STAR SERVICE INC OF JACKS	169784	JULY 2021: ST2	I 738330	6/25/2021	192.39	
			JULY 2021: ST2	001-160-637	192.39		
01-67940	STAR SERVICE INC OF JACKS	169785	JULY 2021: PW	I 738331	6/25/2021	144.89	
			JULY 2021: PW	400-650-637	144.89		
01-67940	STAR SERVICE INC OF JACKS	169786	JULY 2021: COURT	I 738332	6/25/2021	336.45	
			JULY 2021: COURT	001-010-637	336.45		
01-67940	STAR SERVICE INC OF JACKS	169787	JULY 2021: LIBRARY	I 738333	6/25/2021	286.73	
			JULY 2021: LIBRARY	001-350-637	286.73		

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT
01-67940	STAR SERVICE INC OF JACKS	169788	JULY 2021: LODGE	I 738334	6/25/2021	197.73
			JULY 2021: LODGE	001-340-637	197.73	
01-67940	STAR SERVICE INC OF JACKS	169789	JULY 2021: FRP	I 738335	6/25/2021	199.89
			JULY 2021: FRP	001-340-637	199.89	
01-67940	STAR SERVICE INC OF JACKS	169790	JULY 2021: ST3	I 738336	6/25/2021	196.56
			JULY 2021: ST3	001-160-637	196.56	
01-67940	STAR SERVICE INC OF JACKS	169791	JULY 2021: RPD	I 738337	6/25/2021	653.69
			JULY 2021: RPD	001-100-637	653.69	
01-67940	STAR SERVICE INC OF JACKS	169792	JULY 2021: ST4	I 738338	6/25/2021	341.73
			JULY 2021: ST4	001-160-637	341.73	
01-67940	STAR SERVICE INC OF JACKS	169793	JULY 2021: CITY HALL	I 738339	6/25/2021	819.00
			JULY 2021: CITY HALL	001-092-637	819.00	
01-67940	STAR SERVICE INC OF JACKS	169794	A/C AT TENNIS CENTER	I 738473	6/15/2021	275.00
			A/C AT TENNIS CENTER	001-340-637	225.00	
			VEHICLE CHARGE	001-340-637	50.00	
01-67940	STAR SERVICE INC OF JACKS	169795	LIB- UNITS 48/49 & 52	I 738581	7/06/2021	942.50
			7/2 TRIP CHARGE	001-350-637	30.00	
			7/2 LABOR	001-350-637	202.50	
			7/6 TRIP CHARGE	001-350-637	30.00	
			7/6 LABOR	001-350-637	360.00	
			FREON	001-350-637	320.00	
01-68200	STATE TREASURER	169796	JUNE 2021	I 202107141598	7/02/2021	55,225.50
			JUNE 2021	001-000-107	1,077.34	
			JUNE 2021	001-000-113	11,398.97	
			JUNE 2021	001-000-114	130.34	
			JUNE 2021	001-000-332	42,097.39	
			JUNE 2021	001-000-116	505.67	
			JUNE 2021	001-000-117	15.79	
01-68250	STATE TREASURER FUND: 337	169797	ANALYTICAL FEES: JUNE 2021	I 90105760	7/06/2021	1,920.00
			ANALYTICAL FEES: JUNE 2021	001-100-604	1,920.00	
01-68950	SUBER, CONNIE	169798	JULY 13, 2021 MEETING	I 071321	7/13/2021	50.00
			JULY 13, 2021 MEETING	001-180-611	50.00	
01-05541	LEIGH SULLIVAN	169799	JULY 13, 2021 MEETING	I 071321	7/13/2021	50.00
			JULY 13, 2021 MEETING	001-180-611	50.00	
01-05970	TOPPERS	169800	REMITTANCE OF RESTITUTION	I 202107141622	7/09/2021	0.50
			REMITTANCE OF RESTITUTION	001-000-122	0.50	
01-01571	TRI-STATE TRUCK CENTER	169801	PARTS FOR DUMP TRUCK	I 06P93111	7/12/2021	635.95
			SEAL	400-650-632	47.66	

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT	
01-01571	TRI-STATE TRUCK CENTER	169801	PARTS FOR DUMP TRUCK	I 06P93111	7/12/2021	635.95	CONT
			BEARING CONE	400-650-632	25.45		
			BEARING CONE ROLLER	400-650-632	37.83		
			HUB REAR WHEEL	400-650-632	525.01		
01-02393	TYLER TECHNOLOGIES	169802	UTILITY BILLING NOTIFICATION	I 025-340554	6/30/2021	97.20	
			UTILITY BILLING NOTIFICATION	400-650-604	97.20		
01-00544	U.S. LAWNS OF JACKSON	169803	HARBOR DRIVE	I 45220	7/01/2021	1,017.18	
			HARBOR DRIVE	001-201-604	1,017.18		
01-00544	U.S. LAWNS OF JACKSON	169804	MONTHLY LAWN SERVICE	I 45221	7/01/2021	3,599.00	
			JESSAMINE CEMETERY	001-201-604	1,100.00		
			SPILLWAY ROAD	001-201-604	2,499.00		
01-00544	U.S. LAWNS OF JACKSON	169805	COUNTY LINE ROAD	I 45222	7/01/2021	3,778.50	
			COUNTY LINE ROAD	001-201-604	3,778.50		
01-00544	U.S. LAWNS OF JACKSON	169806	JACKSON ST PARKING LOT	I 45223	7/01/2021	775.00	
			JACKSON ST PARKING LOT	001-201-604	775.00		
01-00544	U.S. LAWNS OF JACKSON	169807	I-55 INTERCHANGE	I 45224	7/01/2021	7,499.58	
			I-55 INTERCHANGE	001-201-604	7,499.58		
01-00544	U.S. LAWNS OF JACKSON	169808	I-55 EAST & WEST	I 45264	6/23/2021	3,590.00	
			FRONTAGE ROAD	001-201-604	3,590.00		
01-00544	U.S. LAWNS OF JACKSON	169809	DIRT/TOP SOIL	I 45281	6/30/2021	1,400.00	
			DIRT/TOP SOIL	001-201-575	1,400.00		
01-00544	U.S. LAWNS OF JACKSON	169810	COLONY PARK BLVD	I 45282	6/26/2021	2,984.00	
			COLONY PARK BLVD	001-201-604	2,984.00		
01-00544	U.S. LAWNS OF JACKSON	169811	COLONY PARK BLVD	I 45296	7/10/2021	2,984.00	
			COLONY PARK BLVD	001-201-604	2,984.00		
01-03710	UNION AUTO PARTS	169812	AUTOPARTS	I 2076025-00	6/02/2021	773.33	
			DRIVE SHAFT	001-100-632	773.33		
01-03710	UNION AUTO PARTS	169813	AUTOPARTS	I 2080277-00	6/08/2021	145.17	
			SHIFTER	001-100-632	145.17		
01-03710	UNION AUTO PARTS	169814	AUTOPARTS	I 2080986-00	6/09/2021	270.86	
			P344 FR. BRAKE PADS	001-100-632	72.52		
			AIR FILTER	001-100-632	20.22		
			FR. ROTORS	001-100-632	178.12		
01-03710	UNION AUTO PARTS	169815	FD - UNIT 2 STOKES	I 2093720-00	6/24/2021	744.09	
			RADIATOR	001-160-632	347.77		
			MOTOR	001-160-632	144.44		
			MOTOR	001-160-632	150.00		
			COOLANT	001-160-632	32.22		

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT	
01-03710	UNION AUTO PARTS	169815	FD - UNIT 2 STOKES	I 2093720-00	6/24/2021	744.09	CONT
			COOLING FAN	001-160-632	69.66		
01-03710	UNION AUTO PARTS	169816	BRAKE PADS & DEF	I 2095588-00	6/28/2021	383.91	
			DEF	001-201-540	68.35		
			BRAKE PADS	400-650-632	315.56		
01-03710	UNION AUTO PARTS	169817	FRONT PADS	I 2096827-00	6/29/2021	54.92	
			FRONT PADS	001-180-632	31.18		
			REAR PADS	001-180-632	23.74		
01-03710	UNION AUTO PARTS	169818	FRONT PADS	I 2097601-00	6/29/2021	85.24	
			SHOCKS	001-180-632	85.24		
01-73400	UNITECH INC	169819	PRIVILEGE LICENSE OVRPYMNT	I 202107141593	7/06/2021	20.00	
			PRIVILEGE LICENSE OVRPYMNT	001-000-220	20.00		
01-73625	UNITED STATES POSTMASTER	169820	BOX# 361 ANNUAL FEE	I 202107141623	7/13/2021	118.00	
			BOX# 361 ANNUAL FEE	001-160-540	118.00		
01-05578	VECTOR DISEASE CONTROL IN	169821	JULY 2021 MOSQUITO CONTROL	I PI-A00009217	7/01/2021	19,339.71	
			JULY 2021 MOSQUITO CONTROL	001-250-604	19,339.71		
01-02597	VERIZON WIRELESS	169822	742166727: 05-26-21 - 06-26-21	I 9882766719	6/25/2021	280.11	
			742166727: 05-26-21 - 06-26-21	001-100-605	280.11		
01-03185	WALLACE, MICHELE	169823	ADV TRAV: 07-25-21 - 07-28-21	I 202107141624	7/14/2021	407.60	
			ADV TRAV: 07-25-21 - 07-28-21	001-010-601	407.60		
01-75450	WALMART	169824	SUPPLIES	I 02587	6/25/2021	136.50	
			PAPER TOWELS	001-180-540	42.10		
			DAWN ULTRA	001-180-540	7.48		
			MAXWELL HOUSE	001-180-540	42.40		
			MAXWELL HOUSE	001-180-540	25.12		
			KLEENEX TISSUE	001-180-540	19.40		
01-75450	WALMART	169825	USB DRIVE AND SUPPLIES	I 04271	7/01/2021	13.48	
			USB DRIVE 2 PK	400-650-540	13.48		
01-75450	WALMART	169826	FD - SUPPLIES	I 05667	7/05/2021	132.42	
			TOILET CLEANER	001-160-510	14.08		
			GV ALL PURPOSE CLNR	001-160-510	15.76		
			LYSOL MULTI CLNR	001-160-510	7.26		
			LYSOL ALL PURPOSE	001-160-510	6.96		
			COFFEE	001-160-540	59.76		
			LANCE PB CRACKERS	001-160-540	4.72		
			WATER	001-160-540	23.88		
01-75450	WALMART	169827	USB DRIVE AND SUPPLIES	I 07005	7/08/2021	75.24	
			MICROBAN SPRAY	400-650-510	5.94		
			GV DISINFECTANT	400-650-510	2.98		
			COFFEE	400-650-540	25.44		

VENDOR NUMBER	NAME	DOCKET NUMBER	COMMENT	INVOICE NUMBER	DATE	AMOUNT	
01-75450	WALMART	169827	USB DRIVE AND SUPPLIES	I 07005	7/08/2021	75.24	CONT
			CREAMER	400-650-540	4.63		
			200 CT PLATES	400-650-540	7.58		
			GV HOT CHOC	400-650-540	3.92		
			3 X 3 POST IT NOTES	400-650-540	9.97		
			18 CT BLACK PENS	400-650-540	11.84		
			30 LB HANGER	400-650-540	2.94		
01-00290	WALTERS, LISA D.	169828	ADV TRAV: 07-25-21 - 07-28-21	I 202107141625	7/14/2021	407.60	
			ADV TRAV: 07-25-21 - 07-28-21	001-020-610	407.60		
01-75900	WASTE MANAGEMENT OF MS	169829	06-01-21 - 06-30-21 SERVICES	I 0016495-1894-9	7/02/2021	140,092.42	
			06-01-21 - 06-30-21 SERVICES	003-220-682	98,045.40		
			06-01-21 - 06-30-21 SERVICES	003-220-683	42,047.02		
01-75900	WASTE MANAGEMENT OF MS	169830	06-01-21 - 06-30-21 SERVICES	I 3015641-0078-4	7/01/2021	327.31	
			06-01-21 - 06-30-21 SERVICES	003-220-683	327.31		
01-04506	WELLS MARBLE & HURST PLLC	169831	2014 ZONING ORDINANCE MATTERS	I 132249	7/07/2021	3,561.57	
			2014 ZONING ORDINANCE MATTERS	001-180-601	3,138.57		
			2014 ZONING ORDINANCE MATTERS	003-220-601	423.00		
01-05533	JAMES SCOTT WOMACK	169832	FALGOUT/HUGHES POLY	I 202107061519	6/30/2021	500.00	
			FALGOUT/HUGHES POLY	001-100-604	500.00		
01-03233	YOUR PERSONAL CHEF	169833	REFRESHMENTS	I 148045Y	7/01/2021	805.00	
			HORS D'OEUVRES	001-093-650	655.00		
			DELIVERY/SERVER	001-093-650	150.00		
01-03233	YOUR PERSONAL CHEF	169834	STAGE CREW LUNCH	I 148046Z	7/02/2021	290.00	
			STAGE CREW LUNCH	001-340-650	270.00		
			DELIVERY	001-340-650	20.00		

TOTAL = 1,461,131.99

FUND TOTALS

FUND	NAME	TOTAL
001	GENERAL FUND	268,351.57
003	SANITATION	140,842.73
010	POLICE DONATION FUND	915.00
200	G. O. BOND FUND	744,550.00
390	CITY CENTER PROJECTS	230,243.72
400	PUBLIC UTILITIES FUND	76,142.93
404	EMCRS OPERATION & MAINT	86.04
	TOTALS FOR ALL FUNDS =	1,461,131.99

DEPT: ALL
PAYROLL NO#: 01
PAY PERIOD BEGINNING: 6/11/2021
PAY PERIOD ENDING: 6/24/2021

July 6, 2021 Payroll

*** GRAND TOTALS ***

EARNINGS			BENF/REIMB		DEDUCTIONS				TAXES			
DESC	HRS	AMOUNT	DESC	AMOUNT	CD	ABBV	EMPLOYEE	EMPLOYER	DESC	TAXABLE	EMPLOYEE	EMPLOYER
REG	67.50	736.98			RET	RET	48.84	94.42	FED W/H	693.18	34.19	
O/T	0.25	5.04							ST WH MS	693.18	1.00	
									FICA	742.02	46.00	46.00
									MEDI	742.02	10.76	10.76
TOTALS:	67.75	742.02		0.00			48.84	94.42			91.95	56.76

DEPARTMENT RECAP

DEPT NO#	GROSS	REGULAR	OVERTIME	LEAVE	OTHER	BENEFITS	DEDUCTIONS	TAXES	NET
001-340	742.02	736.98	5.04	0.00	0.00	0.00	48.84	91.95	601.23
TOTALS	742.02	736.98	5.04	0.00	0.00	0.00	48.84	91.95	601.23

REGULAR INPUT: 2 MANUAL INPUT: 0 CHECK STUB COUNT: 2 DIRECT DEPOSIT STUB COUNT: 0

DEPT: ALL
PAYROLL NO#: 01
PAY PERIOD BEGINNING: 6/25/2021
PAY PERIOD ENDING: 7/08/2021

July 16, 2021 payroll

*** GRAND TOTALS ***

EARNINGS			BENF/REIMB	
DESC	HRS	AMOUNT	DESC	AMOUNT
SAL	908.00	37,294.72	VEH	64.00
SMON	0.00	27,724.68		
REG	16,217.00	298,774.59		
R/O	57.25	887.60		
O/T	171.50	3,706.39		
CE	18.75	0.00		
CMPRG	17.00	0.00		
COMP	34.50	781.59		
SICK	628.00	11,038.30		
VAC	1,199.75	27,574.62		
HOL	1,759.75	36,446.90		
HOLB	1,104.00	0.00		
FNRL	56.00	1,346.48		
MLT	8.00	288.88		
CIVIL	24.00	726.24		
PARAM	0.00	1,615.39		
SHIFT	0.00	400.00		
YMCA	0.00	22.50		
TASKF	5.00	239.50		
FUGTF	16.00	516.32		

DEDUCTIONS			
CD	ABBV	EMPLOYEE	EMPLOYER
AFA	AFACC	995.45	
AFC	AFCAN	946.30	
AFD	AFSHO	1050.67	
AFH	AFHOS	509.86	
AFS	AFSPE	183.47	
ANN	ANUTY	3727.25	
B20	BKRUP	73.50	
C18	CHSUP	202.50	
C32	CHSUP	225.00	
C33	CHSUP	25.00	
C39	CHSUP	152.50	
C42	CHSUP	147.50	
C43	CHSUP	110.00	
C58	CHSUP	164.00	
C59	CHSUP	285.25	
C67	CHSUP	177.50	
C70	CHSUP	89.00	
C73	CHSUP	86.50	
C74	CHSUP	165.00	
C75	CHSUP	91.50	
C79	CHSUP	176.00	
C81	CHSUP	75.00	
C82	CHSUP	127.50	
CAF	ADMFE	109.50	129.35
CCF	CANCF	56.05	
CFM	CFM	9.00	10.50
CHC	CHCAR	890.77	
CRU	CRUN	2853.00	
D72	GARNI	75.00	
D75	GARNI	100.00	
D77	GARNI	146.76	
DCF	DENCF	1908.91	1124.06
DCM	DCM	278.94	121.52
DEN	DENTL	16.89	2248.12
DMO	DMO		121.52
FCE	FLEX	5.58	
HCF	HTHCF	12593.50	19589.79
HCM	HCM	1470.42	2271.28
HLT	HELTH		43438.23
HMO	HMO	574.00	1135.64
HRF	HRF	180.22	265.55
LIF	LIFE	20.54	982.87

TAXES			
DESC	TAXABLE	EMPLOYEE	EMPLOYER
FED W/H	382,995.88	32,377.47	
ST WH MS	382,995.88	11,879.00	
FICA	426,620.48	26,450.40	26450.40
MEDI	426,620.48	6,185.96	6185.96

DEPT: ALL
PAYROLL NO#: 01
PAY PERIOD BEGINNING: 6/25/2021
PAY PERIOD ENDING: 7/08/2021

** (CONTINUED) **

DATE	ORG FN	ACCOUNT	CODE/RATE	HOURLY RATE	HOURS	AMOUNT	PROJECT		
				MDF YMCA	118.00				
				PBA POBEN	258.50				
				RET RET	39897.35	77554.83			
				UNR UNREM	3031.44				
TOTALS:	22,224.50	449,384.70	64.00		74380.62	148993.26		76,892.83	32636.36

DEPARTMENT RECAP

DEPT NO#	GROSS	REGULAR	OVERTIME	LEAVE	OTHER	BENEFITS	DEDUCTIONS	TAXES	NET
001-010	20,001.35	18,046.95	0.00	1,954.40	0.00	0.00	3,590.31	2,925.42	13,485.62
001-020	18,386.67	18,150.83	0.00	235.84	0.00	0.00	5,190.27	2,624.64	10,571.76
001-040	22,582.40	18,712.40	0.00	3,870.00	0.00	0.00	4,306.17	3,842.09	14,434.14
001-092	1,311.20	1,048.96	0.00	262.24	0.00	0.00	353.90	145.67	811.63
001-100	139,862.12	112,275.63	1,990.68	24,439.99	1,155.82	0.00	20,944.32	24,249.10	94,668.70
001-160	105,895.52	88,068.62	0.00	16,211.51	1,615.39	0.00	19,016.05	18,441.19	68,438.28
001-180	24,779.31	19,722.87	0.00	5,033.94	22.50	0.00	3,476.90	4,767.07	16,535.34
001-201	45,884.65	33,673.32	235.74	11,279.02	674.17	22.40	5,878.02	7,446.36	32,537.87
001-340	28,918.10	23,259.32	787.44	4,871.34	0.00	0.00	3,046.67	5,217.79	20,653.64
005-101	3,912.00	3,305.92	0.00	606.08	0.00	0.00	931.73	684.57	2,295.70
400-650	36,279.38	26,205.03	692.53	9,126.79	213.43	41.60	7,331.17	6,308.65	22,597.96
404-650	1,636.00	1,324.14	0.00	311.86	0.00	0.00	315.11	240.28	1,080.61
TOTALS	449,448.70	363,793.99	3,706.39	78,203.01	3,681.31	64.00	74,380.62	76,892.83	298,111.25

REGULAR INPUT: 250 MANUAL INPUT: 0 CHECK STUB COUNT: 0 DIRECT DEPOSIT STUB COUNT: 250