### **SECTION 905 -- PROPOSAL** (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	1 DATED	4/21/2022	ADDENDUM NO.	DATED												
ADDENDUM NO	DATED		ADDENDUM NO.	DATED												
ADDENDUM NO	DATED		ADDENDUM NO.	DATED												
Number	Description		TOTAL ADDENDA: <u>1</u>													
1 Revised Notice to Bid	der Nos. 4106 & 4140,	Revised Bid Items;	(Must agree with total addenda issued prior to opening of bids)													
Amendment EBSx Do	ownload Required.		Respectfully Submitted,													
			DATE													
			PV	Contractor												
				Signature												
			TITLE													
			ADDRESS													
			CITY, STATE, ZIP													
		9	PHONE													
			FAX													
			E-MAIL													
(To be filled in if a corpor	ration)															
Our corporation is charter	ad under the Laws of t	he State of		and the names												
titles and business address	ses of the executives ar	e as follows:		and the names												
Pro	esident		Ad	ldress												
<b>.</b>																
Se	cretary		Ad	ldress												
Tre	easurer		Ad	ldress												
The following is my (our)	itemized proposal.															
NHPP-0037-04(0	68)/ 108844301000															
Madison County(	ies)															
Revised 01/26/2016																

### MISSISSIPPI DEPARTMENT OF TRANSPORTATION

### SECTION 904 -NOTICE TO BIDDERS NO. 4106

CODE: (SP)

DATE: 04/21/2022

### SUBJECT: Scope of Work

### PROJECT: NHPP-0037-04(068) / 108844301 – Madison County

The contract documents do not include an official set of construction plans but may, by reference, include some Standard Drawings when so specified in a Notice to Bidders entitled, "Standard Drawings".

Minor changes in detail of design or construction procedure may be authorized by the Director of Structures, State Bridge Engineer provided such changes will not be cause for contract price adjustment. Work for which no pay item is provided will not be paid for directly and shall therefore be considered an absorbed item of work.

It shall be the responsibility of the Contractor to protect the existing structure from damage which might occur during construction. The Contractor shall replace or repair, as directed by the Engineer, any structures damaged by the Contractor during the life of the contract. No payment will be made for replacement or repair of damaged items.

All details are based on the dimensions shown on the original plans for the existing structure. The Contractor shall be responsible for adjusting the elements of the new construction to ensure a proper fit with the existing structure. The Contractor shall verify all dimensions of the existing structure prior to beginning work.

During construction, care shall be exercised to ensure that no debris falls into the Pearl River crossing below the structure. All debris, including any material that has accumulated on the bridge deck or caps, shall become the property of the Contractor and shall be removed from the construction site and disposed of properly.

Work on the project shall consist of and be performed in the sequence of the following bridge repairs on Bridge 183.7 (14295) on SR 43 over Pearl River in Madison County.

Scope of Work - Bridge 183.7 (14295)

- Repair all specified spall locations with epoxy mortar.
- Reinforce bent caps with FRP Wrap.
- Install prestress pile encasement repair system.
- Remove and replace portions of the bridge deck.
- Install Hybrid Polymer Concrete Overlay over entire bridge deck.
- Remove and replace all preformed joint seals at the open joints.
- Fill void underneath End Bent No. 1.
- Clean all caps.

Erosion Control Measures - Bridge 183.7 (14295)

- No dirt can be pushed into the river.
- If a platform for working is needed then riprap may be used (cost absorbed).
- Minimize disturbances to existing banks.
- Clearing should be kept to a minimum and grubbing only where required.
- Turbidity curtain may be required.

For additional information and details, see work related items below and on the standard drawings. At the Contractor's request, Bridge Division will provide a complete set of As-Built plans for the existing bridge.

WETLANDS /	AND WATERS PERM	AITS							
	WATERS	WETLANDS							
NATIONWIDE #14									
NATIONWIDE (OTHER)*									
GENERAL*	N	N							
INDIVIDUAL (404)*	N	N							
STORMWAT	rer permit	N							
Y REQUIRED, CN (DISTURB	oi submitted by N ED Area = 5 Acres	NDOT							
S REQUIRED, SCM CONTRACTO	NOI TO BE SUBMITT OR (1 TO 4.99 ACRI	ED BY ES)							
N NO STORMWATER	PERMIT REQUIRED	(<1 ACRE)							

### **General Epoxy Repair**

All epoxy repairs shall be performed in accordance with the details shown on the Standard Drawings and in accordance with the notes herein. Concrete spalled areas on the bridge shall be repaired as directed by the Project Engineer and the locations listed on the Drawings using epoxy mortar. The Contractor shall determine the depth of reinforcement prior to any saw cutting. Spalled areas where pack rust has developed around or on reinforcement shall be blasted clean prior to repairing the spalled location. All areas of the bridge repaired with epoxy mortar shall be restored to the original dimensions as shown in the information plans, unless noted otherwise.

Materials:

- 1. Epoxy Resin: Resin shall be selected from the MDOT Approved Products List and meet the requirements of ASTM C881, Type I, Grade 2, Class C.
- 2. Silica Sand: The materials shall be bagged general purpose cleaning sand.
- 3. Epoxy Mortar Mix: The epoxy mortar mix shall consist of part liquid epoxy and part clean dry sand mixed in the ratio recommended by the Manufacturer.

Applications:

- a. A Representative of the Epoxy Manufacturer must be present for sufficient time to ensure that the Contractor is properly schooled in the use of the epoxy material.
- b. Prior to placement of the mortar mix, the prepared surface shall be lightly primed with neat epoxy.
- c. Acetone alcohol may be used to clean and lubricate trowels.
- d. Curing time shall be in accordance with the Manufacturer's recommendations.

All items of work related to epoxy repair shall be paid for under pay item 907-824-PP: Bridge Repair, Epoxy Repair. Epoxy repair under this pay item is for general concrete spall repairs, and shall be bid such that the item may be increased, decreased or eliminated as directed by the project engineer.

### FRP Wrap

After all spalled locations on the bent caps are repaired, the repair locations on all bent caps shall be wrapped with FRP wrap in accordance with the notes below and the drawings.

FRP wrap shall be one of the following products, or an approved equal, and shall be applied according to the Manufacturer's recommendations:

- 1. "FRP Wrap" as manufactured by Fyfe Co. LLC, <u>www.aegion.com/about/our-brands/fyfe</u>
- 2. "FRP Wrap" as manufactured by BASF Building Systems LLC, www.master-builders-solutions.basf.us
- 3. "FRP Wrap" as manufactured by QuakeWrap Inc. <u>www.quakewrap.com</u>

The Contractor shall furnish all submittals indicating the materials, tools, equipment, transportation, necessary storage, labor, installation plan and supervision required for the application of the composite or polymer system to the Director of Structures, State Bridge Engineer through the Project Engineer prior to construction. Products shall be stored according the manufacturer's requirements and shall avoid contact with moisture, dust and chemical exposure. All FRP composite systems shall be proprietary systems consisting of all associated fiber reinforcement and polymer adhesives/resins. FRP composites consisting of fiber reinforcement and polymers provided by more than one manufacturer are not allowed. The FRP composite system shall utilize carbon fiber reinforcement as the primary fiber material (primary structural component). The FRP system shall be top coated with a coating approved by the FRP system supplier. The coating color shall be selected by the Project Engineer.

FRP wraps shall not be installed when the ambient temperature is below 40°F or above 130°F. In cold conditions, auxiliary heat may be applied to raise the ambient temperature to a suitable level.

Clean heat sources shall be utilized for this purpose (e.g., electric or propane) that do not contaminate the substrate with carbonation.

- 4 -

FRP wraps shall not be installed when surface moisture is present on the substrate or when rainfall or condensation is anticipated in the work areas. If water leakage exists through cracks or concrete joints, water flow shall be stopped prior to FRP installation. Resins, including primers and fillers, shall be mixed according to the FRP system manufacturer's installation instructions. All resin components shall be at a proper temperature and mixed in the manufacturer's prescribed mix ratio until there is a uniform and complete mixing of components.

Resin components are often contrasting colors, so full mixing is achieved when color streaks are eliminated. Resins should be mixed for the Manufacturer's prescribed mixing time and visually inspected for uniformity of color. A representative of the FRP wrap manufacturer must be present for sufficient time to assure that the Contractor is properly schooled in the installation of FRP wrap. Prior to installation of FRP wraps, the Contractor shall repair concrete spall areas in accordance with general epoxy repair notes herein and the details on the Drawings. The fibrous reinforcement system shall have a minimum tensile force of 2.1 kips/in. in the direction of the shear reinforcement (vertical for bent caps).

In addition to the Manufacturer's requirements, the Contractor shall ensure the structural and durability of the reinforced fiber wrap system by meeting the following acceptance guidelines:

- 1. Small delaminations, less than 2" each, are permissible as long as the delaminated area is less than 5% of the total laminate area and there are no more than 10 such delamination per 10 ft.
- 2. Large delaminations, greater than 25", can affect the performance of the installed system and shall be repaired by selectively cutting away the affected sheet and applying an overlapping sheet patch of equivalent piles; and
- 3. Delaminations, less than 25", may be repaired by ply replacement.

The Contractor shall submit an FRP repair procedure to the Director of Structures, State Bridge Engineer for review and approval. This must be given prior to repairing and delaminated areas.

All labor, materials, and surface preparation associated with the installation of FRP wraps, including epoxy mortar repairs, shall be included in pay item 907-824-PP: Bridge Repair, FRP Wrap.

### <u> Pile Repair</u>

All pile locations shown in the Drawings shall be repaired with a pile repair system applied according to the manufacturer's recommendations. One of the following systems, or an approved equal, shall be used to repair the pile:

- 1. "FX-70 Structural Piling Repair and Protection System" as manufactured by Simpson Strong-Tie <u>www.strongtie.com</u>
- 2. "PileForm F FRP Pile Rehabilitation Jacket" as manufactured by Five Star Marine Inc.

www.fivestarproducts.com

3. "PileMedic" as manufactured by QuakeWrap Inc. www.pilemedic.com

All pile repair systems shall be proprietary systems consisting of all associated fiberglass jackets and marine epoxy grout/resins.

- 5 -

For all other notes regarding the pile repair system, see the attached repair details.

Payment for this work shall be made under pay item 907-824-PP: Bridge Repair, Pile Repair.

### Bridge Deck Removal & Replacement

Full depth and other removal of the bridge deck shall be performed in the locations detailed in the Standard Drawings. All new concrete shall be bridge deck overlay concrete that meets the details and specifications in the Standard Drawings and shall be class "AA".

Prior to removing the section of bridge deck, all slab reinforcement within the limits of the removal section shall be located by the Contractor. A 1-inch saw cut shall be made around the perimeter of the removal area prior to the concrete removal. Care shall be exercised to protect the existing reinforcement from damage. Any reinforcement damaged during the concrete removal shall be repaired by the Contractor by a method approved by the Director of Structures, State Bridge Engineer at no additional cost to the State. All reinforcement to remain in place shall be blasted clean prior to pouring new concrete. Removal of concrete shall be done with a handheld chipping hammer no larger than 30 lbs. All existing concrete surfaces that will be in contact with new concrete shall be painted with epoxy binder specifically designed to bond new concrete to old. The epoxy binder shall be applied per the manufacturer's specifications. New concrete shall be placed in one lift.

The surface finish of the repair location shall match the existing finish and shall be in accordance with Subsection 501.03.18.4 or 501.03.18.2 of the Standard Specifications.

The cost of saw cutting around the removal area, removing concrete, cleaning existing reinforcement that is to remain, labor and any other items of work necessary to complete the full or partial depth slab removal that is detailed in the standard drawings shall be paid for under pay item 907-824-PP: Bridge Repair, Removal of Bridge Deck.

The cost of the epoxy binder, new concrete required, new reinforcement required, labor and any other items of work necessary to complete the new construction of the full or partial depth bridge deck area to be replaced shall be paid under pay item 907-804-O: Bridge Deck Overlay Concrete.

### Hybrid Polymer Concrete Overlay

Hybrid Polymer concrete shall be the following:

1. Hybrid Polymer CE700 as manufactured by FasTrac Construction Products. <u>https://www.fastracproducts.com/</u>

The overlay shall be placed at a minimum thickness of  $\frac{1}{2}$ "

A Manufacturer representative shall be present for sufficient time to ensure that the Contractor is properly schooled in surface preparation and placement requirements for the overlay.

Surface preparation shall be performed as per the Manufacturer's recommendations.

The hybrid polymer concrete overlay shall have a calcined bauxite topping that will produce a friction number of at least 65 in accordance with AASHTO Designation: T 242 using a tire meeting the requirements of AASHTO Designation M 261. The Department will conduct a friction test within 30 days after installation to verify that the material meets a friction number of 65.

All materials and labor associated with this item of work shall be paid for per cubic yards of overlay installed under pay item 907-824-PP007: Bridge Repair, Hybrid Polymer Concrete Overlay.

### **Joint Sealing**

All joints on the bridge shall be repaired and resealed. The joint repair shall include removal of all existing joint material, repair of joint, saw cutting, installation of the performed joint seal and other necessary work per the included standard drawings or as instructed by the Engineer. If the bridge has an asphalt approach, the joint between the asphalt and concrete shall not be disturbed. Removal of material from all other joint types will not be paid directly and shall be considered an absorbed item of work. After the existing joint material has been removed, the joints shall then be saw cut as per the Joint Repair Drawings. Saw cuts will be paid for under pay item 907-823-B: Saw Cut, Type I. The joints are then to be repaired, if necessary, with epoxy mortar or an approved equivalent. This work will be paid for under pay item 907-808-A: Joint Repair with Epoxy.

The joint shall then be sealed by one of the three approved Manufacturers listed in Special Provisions 907-823 and installed according to the Manufacturer's specifications.

### <u>Underseal</u>

Voids under end bent cap shall be filled with injectable urethane compound material meeting the required properties in table below. Prior to injection, the site shall be prepared according to the Manufacturer's recommendations.

Urethane compound shall be installed in strict accordance with Manufacturer's instructions. All labor, preparations and materials associated with filling the voids underneath the bent caps shall be included in pay item 907-420-A: Undersealing.

Required Urethane Compound Properties									
Property	Minimum Requirement	ASTM Test Method							
Density	4.0 pcf	D 1622							
Tensile Strength	100 psi	D 1622							
Compressive Strength	90 psi	D 1621							

### **Cap Cleaning**

The caps at every bent shall be cleaned to the satisfaction of the Project Engineer after all other work has been done. All large debris shall be removed by hand while other debris, including but not limited to dirt and rust, shall be removed by pressure washing the bent caps. The pressure washer shall be able to maintain 3,500 psi of pressure. Prior to construction, the Contractor shall submit a proposed containment plan to the Project engineer for approval by the Director of Structures, State Bridge Engineer.

This work will be paid under pay item 907-824-PP: Bridge Repair, Cap Cleaning.

### **Traffic Control Plan**

The Contractor shall erect and maintain construction signing and provide all signs and traffic handling devices necessary to safely maintain traffic around or through the work areas in accordance with the <u>Traffic Control Plan</u>. Payment shall be included in the price bid for p ay item 618-A: Maintenance of Traffic.

Standard roadside construction signs, barricades, etc. shall be placed in accordance with the attached tables, drawings, and as directed by the Engineer. W20-1 signs shall be placed on all public road approaches as shown or as directed. Payment for standard roadside construction signs, barricades, etc. will be made using the appropriate pay items.

The Contractor shall on a daily basis, remove all debris from within the roadway and a 30-foot clear zone which, in the opinion of the Engineer, is a hazard to the traveling public. This activity shall begin with the beginning of work or the beginning of the contract time, whichever comes first. No direct payment will be made for the debris removal; the cost is to be included in the prices of items bid. Failure of the Contractor to remove the debris as prescribed herein shall be just cause for withholding the monthly progress estimate payment or suspending active operations until the debris is satisfactorily removed by the Contractor.

It shall be the responsibility of the Contractor to protect existing structures such as pipes, inlets, aprons, bridges, etc. from damage which might occur during construction. The Contractor shall replace or repair, as directed by the engineer, any structures damaged during the life of the contract. No payment will be made for replacement or repair of damaged items.

















## NO WAKE BUOY SPECIFICATIONS:

BUOY GUTER JACKET: WHITE UV STABILIZED, CHEMICAL RESISTENT, ULTRA-STRONG, HIGH-DENSITY POLYETHYLENE RESIN OUTER JACKET CONSTBUCTION: SEAMLESS, CAPLESS, ROTAJTONALLY MOLDED NINER FILLING: 100% FILLED WITH URETHANE FOAM MEETING U.S. COAST GUARD REQUIREMENTS MARKINGS: SOLID VINYL (5 YEAR WARKANTY AGAINST FADING) ANCHOR TACKLE ATTACHMENT: 1" DIA. STAINLESS STEEL MOORING EYE RECESSED IN BASE LIGHT/BEACON: AS NOTED ON PLANS LIGHT/BEACON: AS NOTED ON PLANS BUOYS SHALL BE SELF RIGHTING WITHOUT TACKLE



### MARINE BEACON LIGHT DETAIL NOT TO SCALE

# MARINE BEACON LIGHT SPECIFICATIONS:

MARINE BEACON LIGHTS MAY BE SOLAR POWERED, BATTERY POWERED OR HARD WIRED LIGHT SOURCE: MINIMUM 6 ULTRA HIGH INTENSITY LEDS LED COLOR: AS NOTED ON PLANS LIED COLOR: AS NOTED ON PLANS LIGHT OPERATIONAL MODES: FLASHING (1 FLASH/SEC) AND CONSTANT VISIBLE RANGE IN FLASHING MODE: MINIMUM 1 NAUTICAL MILE HORIZONTAL LIGHT DUTPUT (DEGREES): 360 VERTICAL LIGHT DIVERGENCE (DEGREES): 350 VERTICAL LIGHT DIVERGENCE (DEGREES): 350 VERTICAL LIGHT DIVERGENCE (DEGREES): 350 MINIMUM) OPERATING HOUR CONTPUT (DEGREES): 15° (MINIMUM) OPERATING HOUR RANGE: 20°F – 170°F SOLAR BATTERIS SHALL HAVE: MINI. STORAGE CAPACITY OF 2000 MAN MININI. STORAGE CAPACITY OF 2000 MAN MININI. STORAGE CAPACITY OF 2000 MAN MININI. STORAGE CAPACITY OF 2000 MAN MINI. STORAGE CAPACITY OF 2000 MAN MININI. STORAGE CAPACITY

# MARITIME TRAFFIC CONTROL DETAILS

108844/301000

**Estimated Bridge Quantities** 

Madison County

## TOODAL IN THE PARTICULAR OF TH

SR 43 over Pearl River

907-824-PP007	Hybrid	Polymer Overlav	Concrete	С		2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64														29
907-420-A001		Undersealing		POUNDS														10000												10000
907-824-PP008		Bridge Repair, Pile Repair		LF																			10			10				20
907-824-PP003		Bridge Repair, FRP Wrap		SF															168	68	80	144	96	68			82			706
907-824-PP006		Bridge Repair, Can Cleaning	0	Each														1	1	1	1	1	1	1	1	1	1	1	1	12
907-804-0001	Bridge Deck	Overlay	Concrete	C۷	ructure	1.591986667		4.287255	0.204155	1.587872222	0.476361667	1.928130556				0.328113333	ucture													10.40387444
907-824-PP003	Bridge Denzir	Removal of	Bridge Deck	SF	Superst	102		189	6	20	21	85				18	Substr													494
907-824-PP003		Bridge Repair, Epoxy Repair		SF		8			ъ		4					3				ß	5	5	8			4				47
907-823-A001		Preformed Joint Seal. Type I		F														57	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	57	399
907-823-B001		Saw Cut,Type I		LF.														114	57	57	57	57	57	57	57	57	57	57	114	798
907-808-A002		Joint Repair with Epoxy		۳.														114	57	57	57	57	57	57	57	57	57	57	114	798
Pay Item:		Description		Units		Span 1	Span 2	Span 3	Span 4	Span 5	Span 6	Span 7	Span 8	Span 9	Span 10	Span 11	•	End Bent 1	Int. Bent 2	Int. Bent 3	Int. Bent 4	Int. Bent 5	Int. Bent 6	Int. Bent 7	Int. Bent 8	Int. Bent 9	Int. Bent 10	Int. Bent 11	End Bent 12	Bridge Total
	1	Beginning Station			36+83.875				1		1	1		1				Prestress Conc.												
		Bridge			183.7 (14295													11 @ 60'-0" F												

29 CY POUNDS 10000 20 LF 706 SF 12 Each 되 2 494 SF 47 SF 399 LF 798 LF 798 LF **Project Grand Totals** 

- 15 -





- 1. Repair concrete spalled areas on the bridge as directed by the Project Enginee
- using aport morter. 2. Aport morter. 3. Aport decorrections and areas listed on this sheet of standard dramings and attended by the Apole Clauser. 3. Aport and additional ecorrects spatial areas not listed on this page as directed 4. The Contractor shall determine the depth of realizeroment prior to any sev

- culting. 5. Solide are part cast has developed accurd or on reinforcement shall be Solide to from Humanes used for removal shall be limited to 30 pounds. 6. All areas of the bridge repoined with gover morter shall be restored to the original dimensions and details as shown in the information plans, unless noted otherwise.
  - 7. Materials:
- a. Eparty Restin Statil be selected from the MODT approved materials list and meet the requirements of ASTM CBB1, Type 1, Grade 2, Class C. A. Silca Sand: Silca sand material shall be bagged general purpose bitst cleaning
  - c. Eport hotter this Eport moster mix shall consist of part liquid oport and part clean, dry same mixed in the ratio recommended by the manufacturer. & Application:
- - a. A representative of the epoxy manufacturer must be present for sufficient time to ensure the Contractor is properly schooled in the use of the eport materials. b. Prior to placement of the mortar mix the prepared surface shall be lightly
    - primed with neat epoxy.
- c. Curing time shoul is in accordance with manulacture's recommendations. 2. The cost of sear curing provide are created, change exposed, change exposed reprincing story, particuly, above should be paid any maxelimenus maturaba to compose the repairs as shown should be paid for an a source fair) hass as Bring Paper, Corry Paper. This paid for a base that this time may be increased, decreased, an elimited as uncertain by the Paper Capture.

LOCATIONS TO BE REPAIRED WITH EPOXY MORTAR Softi of East Sete of Soon No. 1 (multiple locations) Softi of East Sete of Soon No. 1 Softi of Heast Sete of Soon No. 1 Eq. of Cap at West Side of Bent Na. 4 Fore of Cap at Next Side of Bent Na. 5 over Pile Na. **B** Bertom of Cap at Nach 5 (multiple Acceleras) Bertom of Cap at South Side of Bent Na. 9 between Piles Na. 6 & 7 Pile Na. 4 at Next Side of Bent Na. 5 of Cap at Bent No. 3 (multiple locations) Diaphragm at Span No. 4 in Bay No. 3 Bottom









### MISSISSIPPI DEPARTMENT OF TRANSPORTATION

### **SECTION 904 - NOTICE TO BIDDERS NO. 4140**

CODE: (SP)

DATE: 4/19/2022

### **SUBJECT:** Bridge Closure Restrictions

### **PROJECT:** NHPP-0037-04(068) / 108844301 – Madison County

Bidders are hereby advised of the following restrictions on the above captioned project.

The Contractor will be allowed to close the bridge on SR 43 for <u>14 consecutive calendar days</u> within the project time limits to perform the work outlined below:

- 907-824-PP003, Removal of Bridge Deck
- 907-804-O001, Bridge Deck Overlay Concrete
- 907-824-PP007, Bridge Repair, Hybrid Polymer Concrete Overlay

All work, with the exception of the items mentioned above, may be done under lane closures.

The Contractor shall notify the Project Engineer at least ten (10) calendar days prior to the bridge closure to allow all pertinent parties to be notified. Further confirmation of the bridge closure shall be provided to the Project Engineer five (5) calendar days prior to the bridge closure.

The Contractor will be charged a fee of \$10,000.00 for each full or partial 24-hour period until the bridge is back in compliance with the restriction requirements stated above.

For the purposes of this contract, official time shall be the announced time available at the Jackson area telephone number (601) 355-9311.

### Section 905

Proposal (Sheet 2 - 1)

NHPP-0037-04(068)/108844301 MADISON

Bridge Preservation on SR 43 over the Pearl River (Bridge No. 183.7), known as Federal Aid Project No. NHPP-0037-04(068) / 108844301 in Madison County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]			
Roadway Items								
0010	618-A001		1	Lump Sum	Maintenance of Traffic			
0020	619-D1001		16	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet			
0030	619-D2001		413	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More			
0040	619-G4001		48	Linear Feet	Barricades, Type III, Double Faced			
0050	619-G4005		96	Linear Feet	Barricades, Type III, Single Faced			
0060	619-G7001		16	Each	Warning Lights, Type "B"			
0070	620-A001		1	Lump Sum	Mobilization			
0080	626-C001		1,320	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous White			
0090	626-E002		1,320	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow			
0100	627-L001		9	Each	Two-Way Yellow Reflective High Performance Raised Markers			
0110	907-234-F001		500	Linear Feet	Turbidity Barrier			
0120	907-619-E3001		4	Each	Changeable Message Sign			
			Bridg	e Items				
0140	907-420-A001		10,000	Pounds	Undersealing			
0150	907-804-0001	(S)	11	Cubic Yard	Bridge Deck Overlay Concrete			
0160	907-808-A002	(S)	798	Linear Feet	Joint Repair			
0170	907-823-A001		399	Linear Feet	Preformed Joint Seal, Type I			
0180	907-823-B001		798	Linear Feet	Saw Cut, Type I			
0190	907-824-PP003		47	Square Feet	Bridge Repair, Epoxy Repair			
0200	907-824-PP003		706	Square Feet	Bridge Repair, FRP Wrap			
0210	907-824-PP003		494	Square Feet	Bridge Repair, removal of Bridge Deck			
0220	907-824-PP006		12	Each	Bridge Repair, Cap Cleaning			
0222	907-824-PP007		29	Cubic Yard	Bridge Repair, Hybrid Polymer Concrete Overlay			
0230	907-824-PP008		20	Linear Feet	Bridge Repair, Pile Repair			