

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by execution 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 1/21/2016 ADDENDUM NO. 3 DATED 2/17/2016
 ADDENDUM NO. 2 DATED 1/25/2016 ADDENDUM NO. DATED

Number	Description
1	Revised NTB No. 5933; Amendment EBS Download Required.
2	Postponed until February 23, 2016 Letting; Amendment EBS Download Required.
3	Revised Advertisement; Revised NTB No. 5933; BidItems; Revised or Added Plan Sheet Nos. 8001 & 8002; Amendment EBS Download Required.

TOTAL ADDENDA: 3
 (Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

 Contractor

BY _____
 Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

 President Address

 Secretary Address

 Treasurer Address

The following is my (our) itemized proposal.

Revised 07/2015

EXB-0037-04(040) / 107139307

Madison County(ies)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 901 - ADVERTISEMENT

Electronic bids will be received by the Mississippi Transportation Commission at 10:00 o'clock A.M., Tuesday, February 23, 2016, from the Bid Express Service and shortly thereafter publicly read on the Sixth Floor for:

Bridge Repair on SR 43 Relief Bridge No. 184.7, known as State Project No. EXB-0037-04(040) / 107139307 in Madison County.

The attention of bidders is directed to the predetermined minimum wage rate set by the U. S. Department of Labor under the Fair Labor Standards Act.

The Mississippi Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability, religion or national origin in consideration for an award.

Plans and specifications are on file in the offices of the Mississippi Department of Transportation.

Bid proposals must be purchased online at <https://shopmdot.ms.gov>. Specimen proposals may be viewed and downloaded online at no cost at <http://mdot.ms.gov> or purchased online. Proposals are available at a cost of Ten Dollars (\$10.00) per proposal plus a small convenience fee. Cash or checks will not be accepted as payment.

Plans must be purchased online at <https://shopmdot.ms.gov>. Costs of plans will be on a per sheet basis plus a small convenience fee. If you have any questions, you can contact the MDOT Plans Print Shop at (601) 359-7460, or e-mail at plans@mdot.state.ms.us. Plans will be shipped upon receipt of payment. Cash or checks will not be accepted as payment.

Bid bond, signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent, with Power of Attorney attached, a Cashier's check or Certified Check for five (5%) percent of bid, payable to STATE OF MISSISSIPPI, must accompany each proposal.

The attention of bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

MELINDA L. MCGRATH
EXECUTIVE DIRECTOR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5933

CODE: (SP)

DATE: 2/16/2016

SUBJECT: Contract Time

PROJECT: EXB-0037-04(040) / 107139307 – Madison County

The calendar date for completion of work to be performed by the Contractor for this project shall be **June 28, 2016** which date or extended date as provided in Subsection 907-108.06 shall be the end of contract time. It is anticipated that the Notice of Award will be issued no later than **March 8, 2016** and the effective date of the Notice to Proceed / Beginning of Contract Time will be **April 7, 2016**.

Should the Contractor request a Notice to Proceed earlier than **April 7, 2016** and it is agreeable with the Department for an early Notice to Proceed, the requested date will become the new Notice to Proceed / Beginning of Contract Time date.

Bridge Repair on SR 43 Relief Bridge No. 184.7, known as State Project No. EXB-0037-04(040) / 107139307 in Madison County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	619-D1001		16	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0020	619-D2001		128	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0030	619-G4005		24	Linear Feet	Barricades, Type III, Double Faced
0040	620-A001		1	Lump Sum	Mobilization
0050	907-618-A001		1	Lump Sum	Maintenance of Traffic
Bridge Items					
0060	907-824-PP095		5	Each	Bridge Repair, Install Girder Support Plates (2) and Angles (2)
0070	907-824-PP095		17	Each	Bridge Repair, Pressure Wash and Clean Bent
0080	907-824-PP098		6,061	Square Feet	Bridge Repair, Painting of Steel Structures
0090	907-824-PP101		81	Cubic Feet	Bridge Repair, Epoxy Repair

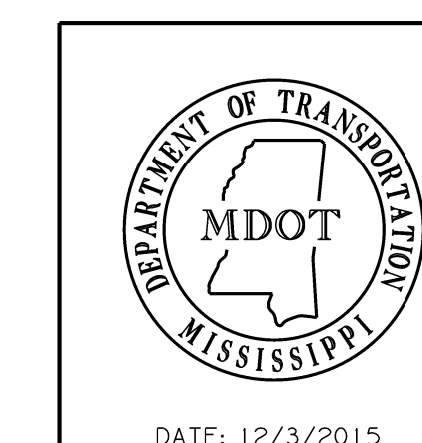
ADDENDUM

STATE	PROJECT NO.
MISS.	EXB-0037-04(040)

<i>DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS</i>	<i>WORKING NUMBER</i>	<i>SHEET NUMBER</i>
<i>DETAILED INDEX (BRIDGE)</i>		<i>8001</i>
<i>BRIDGE AT STA. 51+44 S.R. 43 OVER PEARL RIVER RELIEF GIRDER REPAIR DETAILS</i>	<i>1 OF 2 2 OF 2</i>	<i>8002 8003</i>

<i>SPECIAL DESIGN SHEETS ~ INFORMATION PLANS</i>	<i>WORKING NUMBER</i>	<i>SHEET NUMBER</i>
<i>INFORMATION ONLY PLAN</i>		<i>8004</i>
<i>INFORMATION ONLY PLAN</i>		<i>8005</i>
<i>INFORMATION ONLY PLAN</i>		<i>8006</i>
<i>INFORMATION ONLY PLAN</i>		<i>8007</i>
<i>INFORMATION ONLY PLAN</i>		<i>8008</i>

<i>BRIDGE DEVISION</i>		
<i>REVISIONS</i>		
<i>DATE</i>	<i>SHEET NO.</i>	<i>BY</i>
<i>12/11/2015</i>	<i>8002</i>	<i>JLW</i>
<i>1/25/2016</i>	<i>8002</i>	<i>JLW</i>



REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
	DETAILED INDEX (BRIDGE)
	PROJECT 107139/307000 EXB-0037-04(040)
	MADISON COUNTY
DATE	DESIGNER <u>Josh Wiltshire</u> DETAILER <u>Josh Wiltshire</u>
	CHECKER <u>Aaron Cagle</u> ISSUE DATE <u>12/3/2015</u>
	DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER, P.E. DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
	WORKING NUMBER DI-BR SHEET NUMBER 8001

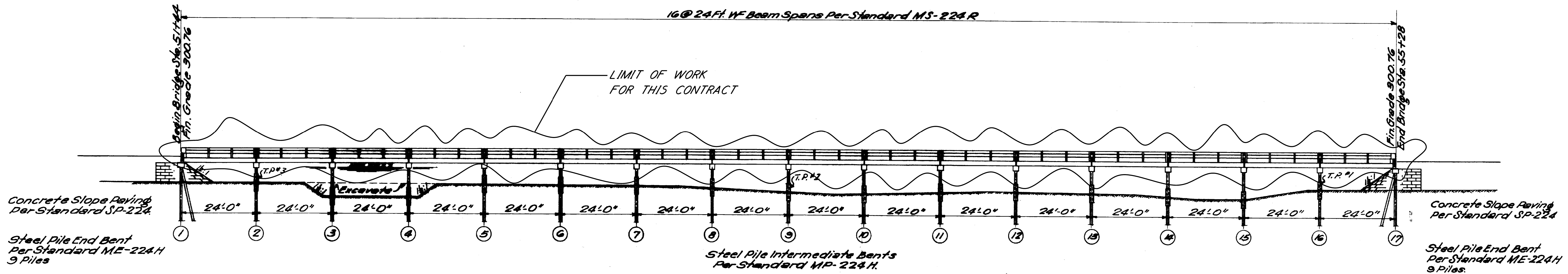
ADDENDUM

Total Length Of Bridge = 384'-0"
0.00% Grade

STATE	PROJECT NO.
MISS.	EXB-0037-04(040)

16 @ 24 Ft. WF Beam Spans Per Standard MS-224 R

LIMIT OF WORK FOR THIS CONTRACT



ELEVATION ~ WITH PROFILE ON E ROADWAY
Scale: 1/8" = 1'-0"

GENERAL NOTES:

Specifications: Mississippi Standard Specifications for Road and Bridge Construction, 2004.
No change of plans will be permitted except by written approval of the Director of Structures, State Bridge Engineer. 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.
Prior to construction, dimensions and elevations of the existing structure shall be field verified by the contractor. The Contractor shall be responsible for adjusting the elements of the new construction to ensure proper fit with the existing structure.
The Contractor should be aware that additional minor items of the repair not specifically listed may be necessary to complete the items to be repaired and that compensation therefore will be included in the price and payment for the beam repair.
Any damage to the bridge resulting from the repair shall be repaired by the Contractor at no additional cost to the State.
Work for which no pay item is provided will not be paid for directly and compensation therefore will be included in the prices and payments for bid items.

EPOXY MORTAR AND REPAIR

Repair concrete spalled areas on the bridge as directed by the Project Engineer using epoxy mortar. Repair areas shall include, but are not limited to, the concrete drop slabs on the underside of the bridge deck (where concrete has broken away or may break away in the near future due to cracking). Spalled areas where pack rust has developed around or on reinforcement shall be removed by small hand tools or pressure washing (using 3500 psi pressure). All areas of the bridge repaired with epoxy mortar shall be restored to the original dimensions and details on the information plans.

- Epoxy Resin: Resin shall be selected from the MDOT Approved Products List.
- Silica Sand: The materials shall be bagged general purpose cleaning sand.
- 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.
- General:
 - 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.
 - Prior to placement of the mortar mix, the prepared surface shall be lightly primed with neat epoxy.
 - Acetone alcohol may be used to clean and lubricate trowels.
 - 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-PP101: Bridge Repair, Epoxy Repair.

FIELD PAINT NOTE:

The Contractor should be aware that the existing paint on steel structure may contain lead.
Prior to construction, the Contractor shall submit a Temporary Containment plan for the removal of the existing paint and rust from the designated repair areas to the Director of Structures, State Bridge Engineer for approval. Also, the Contractor shall submit a Temporary Containment Plan for painting the designated repair areas.
All pack rust and scale within the designated areas shall be removed by using small hand tools, mechanical process, or needle gun. All areas required to be painted containing grease films after the initial cleaning shall be cleaned with a biodegradable solvent. Existing paint shall be roughened to ensure the new paint will adhere to the existing painted surface. All debris and paint removed from the existing structure shall become property of the Contractor and shall be disposed of properly.
Prior to installing support plates and angles, the repair area shall be masked with one coat of new paint. Masking coat will not be paid for directly and therefore will be considered as an absorbed item of work.
After support plates and angles have been installed, all exposed steel surfaces 5'-0" from the ends shall be painted with an encapsulating paint designed to encapsulate lead based paints, and applied according to the manufacturer's recommendations.
Contractor shall provide technical data for the proposed encapsulating paint to be used on this project to the Director of Structures, State Bridge Engineer for approval.
New paint shall be applied by hand, with either a brush or roller.

STRUCTURAL STEEL NOTE:

Prior to construction, certification for all welders and a procedure for storage and handling of welding electrodes to be used on this project shall be submitted to the Director of Structures, State Bridge Engineer through the Project Engineer for approval.
Welding shall be done by the electric arc process.
All welds shall be discontinued 1/4" or 3/8" from the ends of the support plates and angles.
All structural steel shall be new.
3/8" bolts shall be galvanized and conform to A.S.T.M. A325, Type 1.
All bolts shall be hot dip galvanized in accordance with the requirements of A.S.T.M. A153, Class C coating or galvanized by the Mechanical Process in accordance with the requirements of A.S.T.M. B695, Class 50 coating. Maximum hardness for high strength bolts shall be 33 Rockwell C (Rc).
Each high strength bolt shall be tightened to provide, when all bolts in the joint are tight, at least a minimum tension as follows:
7/8" diameter bolts --- 39,250 lbs.
Nuts and washers shall conform to A.S.T.M. A563, Grade DH and A.S.T.M. F436, galvanized.
Nuts shall be heavy hex.
Nuts shall be tapped oversize the minimum amount required for proper assembly.
Direct tension indicators shall meet the requirements of A.S.T.M. F959 and shall be galvanized by the mechanical process meeting the requirements of A.S.T.M. B695, Class 50 coating. See installation details on sheet 8003.
High strength bolts, nuts, or direct tension indicators shall not be reused after tightening.

SCOPE OF WORK:

- Pressure wash and clean all debris from existing caps and bearings.
- Remove all damaged concrete from top of caps and repair spalled drop slabs with epoxy mortar to their original dimensions as shown in the information plans.
- Repair of steel girders with structural steel support plates as shown on sheet 8003.
- Paint 5'-0" from the ends of the steel girders and the entire steel bridge railing.
- Maintain traffic in accordance with the Specifications.

MAINTANANCE OF TRAFFIC:

Maintain traffic in accordance with Section 618 of 2004 Edition of the Standard Specifications For Road And Bridge Construction, Part IV of the "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" and the Traffic Control plans included in these plans.
Contractor shall provide for and maintain at least one way traffic at all times during the course of the contract.

DEBRIS NOTE:

For the duration of the project, care shall be exercised to ensure no debris falls into the hydraulic crossing below the structure. The debris that is removed from the bridge shall become property of the Contractor and shall be removed from the construction site.

INFORMATION PLANS:

Original Plans (Proj. No. S-0431(2)A) For information plans see Sheets No. 8004-8008.

ESTIMATED QUANTITIES			
PAY ITEM CODE	DESCRIPTION	QUANTITIES	UNIT
907-824-PP098	Bridge Repair, Painting of Steel Structure	6061	Square Feet
907-824-PP095	Bridge Repair, Install Girder Support Plates(2) and Angles(2)	5	Each
907-824-PP095	Bridge Repair, Pressure Wash and Clean Bent	17	Each
907-824-PP101	Bridge Repair, Epoxy Repair	81	Cubic Feet



MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 51+44.00 S.R. 43 RELIEF (BRIDGE 184.7)	
PROJECT 107139/307000 EXB-0037-04(040)	WORKING NUMBER 1 OF 2
MADISON COUNTY	SHEET NUMBER 8002
DESIGNER: Josh Wiltshire DETAILER: Josh Wiltshire	CHECKER: Aaron Cagle ISSUE DATE: 12/3/2015
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER, P.E. DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.	

DATE: 12/3/2015