

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. <u> 1 </u> | DATED <u> 5/12/2022 </u> | ADDENDUM NO. <u> </u> | DATED <u> </u> |
| ADDENDUM NO. <u> </u> | DATED <u> </u> | ADDENDUM NO. <u> </u> | DATED <u> </u> |
| ADDENDUM NO. <u> </u> | DATED <u> </u> | ADDENDUM NO. <u> </u> | DATED <u> </u> |

| | |
|--------|--|
| Number | Description |
| 1 | Revised Notice To Bidders No. 4175; Revised Bid Items; Amendment EBSx Download Required. |

TOTAL ADDENDA: 1
 (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.

STP-2911-00(002)/ 108258301000

Benton County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4175

CODE: (SP)

DATE: 05/09/2022

SUBJECT: Scope of Work

PROJECT: STP-2911-00(002) / 108258301 -- Benton 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".

The work to be accomplished using the pay items and corresponding specifications set forth in this contract is for the overlaying of MS Highway 2 beginning at MS Highway 5 and going easterly for approximately 6.5 miles to the Tippah County Line.

It shall be the responsibility of the Contractor to protect the roadway and all existing structures, such as bridges and curb, from damage occurring as a result of the Contractor's operations. Damages to existing features caused by the Contractor's operations shall be repaired or replaced at no cost to the Department.

At bridge ends and at the end of work day, a taper of one vertical inch (1") for each three horizontal feet (3') shall be provided.

The Contractor shall make a utility location request to 811 prior to any excavation, except for trench widening or pavement removal/repair.

In order to expedite the safe movement of traffic and to protect each phase of the work as it is performed, a firm sequence of operations is essential. The work shall be begun and continually prosecuted.

Shoulders shall be maintained throughout the duration of the project to assure traffic safety.

The work shall consist of the following:

1. Failed areas shall be repaired as needed using the following:
 - 202-B, Removal of Asphalt Pavement, All Depths
 - 203-G, Excess Excavation
 - 403-A, 19-mm, ST Asphalt Pavement
 - 503-C, Saw Cut Full Depth

| Station | Side | | Area (SY) |
|---------|------|-------|-----------|
| | Left | Right | |
| 23+19 | | x | 61.2 |
| 41+13 | | x | 30.4 |
| 44+84 | | x | 32.7 |
| 3+18 | | x | 90.0 |
| 26+18 | | x | 28.8 |
| 27+27 | | x | 91.7 |
| 57+76 | | x | 45.7 |
| 108+07 | | x | 47.6 |
| 108+30 | x | | 80.7 |
| 126+08 | | x | 266.1 |
| 126+63 | x | | 201.2 |
| 139+00 | x | x | 182.8 |
| 162+12 | x | x | 361.1 |
| 166+45 | | x | 14.9 |
| 168+05 | | x | 41.2 |
| 197+20 | | x | 25.2 |
| 220+12 | | x | 37.1 |
| 214+66 | x | | 264.7 |
| 219+12 | | x | 42.8 |
| 250+57 | | x | 118.8 |
| 294+00 | x | x | 101.0 |
| Total | | | 2165.7 |

NOTE: Failed areas are estimated as one foot (1') of excavation and backfilled with one foot (1', maximum 3½" lifts) of 19-mm, ST, asphalt. The asphalt shall be placed per the Project Engineer's instructions. Saw cuts will be required and will be paid for separately.

NOTE: Failed areas shall be backfilled the same day as excavation.

2. Trench widening shall be performed by excavating four inches (3") deep and two feet (2') wide at the pavement edges.

NOTE: Prior to this excavation, sufficient granular material must be in place to provide an acceptable trench widening operation.

NOTE: Any material removed from the excavation operation of trench widening that cannot be reasonably used as part of the final shoulder shall be removed and this material shall be moved simultaneous with the trench widening operation. Cost of this work will not be measured for separate payment and the cost will be included in the cost of trench widening. Neither shall this material be allowed to remain rolled up on the existing shoulder or bladed down the existing slope.

NOTE: Due care shall be taken during this operation to blade material to the roadway and away from the ditch line. Material inadvertently bladed to the roadway vegetation shall be removed at no cost to the Department.

NOTE: The Contractor shall take due care to only remove the amount of trench widening that can be replaced before the end of each day in order to not leave an open trench overnight.

- 3. The Contractor shall place 3” of 19-mm, ST, Trench Widening asphalt in the previous excavated trench.
- 4. The existing asphalt pavement shall be cold milled at the main line tie-ins to a depth of one and one-half inches (1½”) and variable in order to provide a smooth transition will be required. The entire section will not be milled. The cold milling material obtained shall become the property of the Contractor.
- 5. The Contractor shall place 9.5-mm, ST, Leveling asphalt for the leveling of existing horizontal curves to correct cross slope. A maximum lift of three inches (3”) shall be maintained for curve leveling. Granular material shall be placed on the shoulder prior to leveling of curves to maintain the legal drop-off requirements.
- 6. The Contractor shall place ¾” and variable of 9.5-mm, ST, Leveling asphalt for the leveling of the mainline to correct cross slopes. This work does not include leveling across the previous leveled horizontal curves.
- 7. The Contractor shall place 1½” of 9.5-mm, ST asphalt as a surface course.

| Area | 9.5-mm, ST, Asphalt (Ton) |
|-------------|---------------------------|
| Mainline | 8,350 |
| Local Roads | 225 |
| Pads | 400 |
| Total | 8,975 |

- 8. Granular material shall be placed on the shoulders as directed to raise the existing shoulders to the new surface course grade.

NOTE: Shoulders shall be bladed, shaped and compacted throughout the length of the project regardless of whether granular material is required.

NOTE: Granular material not required for the final shape of the shoulders may require removal under the pay item for excess excavation and may include small amounts of asphalt.

NOTE: Due care shall be taken during this operation to blade material to the roadway and away from the ditch line. Material inadvertently bladed to the roadway vegetation shall be removed at no cost to the Department.

9. Temporary traffic stripe shall be placed daily per Section 618 of the Standard Speciation.
10. Rumble strips shall be placed for rumble stripe on the outside of edge of the roadway.
11. Permanent pavement markings (thermoplastic striping, two-way clear high performance raised pavement markers, two-way yellow reflective high performance raised markers and red-clear high performance raised pavement markers) shall be placed as required. A 6-inch thermoplastic stripe shall be placed on the inside six inches (6”) of the rumble stripe using an atomization method to create a “rumble strip.”
12. The Contractor shall remove existing signs and post, and install permanent signs and post. A list of signs and locations are attached. Existing sign will become the property of the Department. Signs shall be delivered to the Benton County Maintenance Shop located on MS Highway 5 in Ashland. All signs and hardware shall be removed from post prior to delivery. All hardware and footings required for the erection of new signs and post shall be absorbed in other items of work.

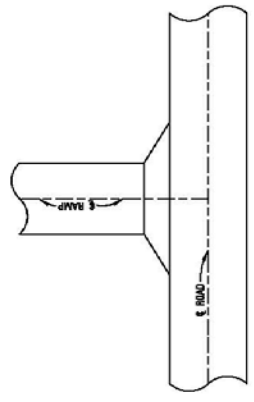
The cost of removal of signs and u-channel posts shall be absorbed in the cost of other items bid.

The Contractor shall provide all signs and traffic handling devices necessary to safely maintain traffic around or through the work areas.

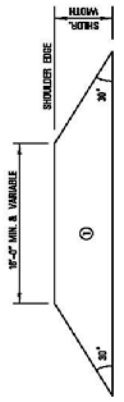
Incidental work such as removing vegetation, shaping and compaction of shoulder, necessary and incidental grading of roadway ditches and other incidental work that is necessary to complete the work will not be measured for separate payment and the cost will be included in the bid items provided.

The Engineer may direct the use of additional cones at County roads or intersections within lane closures and will be absorbed in pay item 618-A: Maintenance of Traffic.

STATE PROJECT NO.
MISS.



PLAN VIEW OF RAMP



DETAIL OF PAVED APRON

① 1-1/2" & VARIABLE DEPTH ASPHALT PAVEMENT REQUIRED



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAIL

| | |
|----------------|------|
| PROJECT NO. | |
| DATE | |
| BY | |
| CHECKED BY | |
| APPROVED BY | |
| FILE NAME | MS-1 |
| PROJECT NUMBER | |

| SIGN POST | | | | | | |
|----------------|-----------------|---|----------------------------|-----------|--------------------------------|----------------------------|
| STATION NUMBER | DIRECTION EB/WB | STANDARD ROADSIDE SIGNS TO BE MOUNTED | SQUARE TUBE MOUNTING POSTS | | STRUCTURAL STEEL ANGLES & BARS | FOOTING CLASS "B" CONCRETE |
| | | | 2.0 lb/ft | 4.0 lb/ft | | |
| | WB | R1-1 | | 13.5 | 2 @ 2.667 | 0.116 |
| | EB | R4-7 | 12.5 | | | |
| | EB | M1-5,M3-2 | 12.5 | | | |
| | WB | M1-4,M4-5,M5-1L | | 13.5 | 2 @ 2.5 | 0.116 |
| | WB | M1-5,M1-5,M3-1,M3-3,M6-1,M6-1 | | 13.5 | 2 @ 2.5 | 0.116 |
| | EB | R1-1 | 12.5 | | | |
| | EB | W3-1A | 12.5 | | | |
| | EB | R2-1 | 12.5 | | | |
| | EB | M1-5,M2-1 | 12.5 | | | |
| | EB | S3-1,M1-5,M5-1L | 12.5 | | | |
| | EB | M1-4,M1-5,M1-5,M6-1,M6-1,M6-1,M6-1,W1-7 | 12.5 | | | |
| | WB | M1-5,M3-4 | 12.5 | | | |
| | EB | M1-5,M3-2,M6-1 | 12.5 | | | |
| | WB | R1-2,R5-1 | | 13.5 | 2 @ 2.667 | 0.116 |
| | WB | R1-1 | | 13.5 | 2 @ 2.667 | 0.116 |
| | WB | R5-1 | 12.5 | | | |
| | WB | R1-2,R5-1 | 12.5 | | | |
| | WB | M1-5,M5-1R | 12.5 | | 2 @ 2.5 | 0.116 |
| | WB | R5-1 | 12.5 | | | |
| | WB | M1-5,M6-1 | 12.5 | | 2 @ 2.5 | 0.116 |
| | EB | R7-1 | 12.5 | | | |
| | EB | M1-5,M3-2 | 12.5 | | | |
| | WB | W3-1 | 12.5 | | | |
| | EB | W1-5R | 12.5 | | | |
| | WB | W1-5R | 12.5 | | | |
| | EB | W2-2 | 12.5 | | | |
| | EB | S3-1 | 12.5 | | | |
| | WB | R1-1 | 12.5 | | | |
| | WB | W2-2 | 12.5 | | | |
| | WB | S3-1 | 12.5 | | | |
| | EB | W2-2 | 12.5 | | | |
| | WB | R1-1 | 12.5 | | | |
| | WB | W2-2 | 12.5 | | | |
| | EB | W2-2 | 12.5 | | | |
| | WB | W2-2 | 12.5 | | | |
| | WB | R1-1 | 12.5 | | | |
| | EB | R7-1 | 12.5 | | | |
| | EB | W2-2 | 12.5 | | | |
| | EB | R7-1 | 12.5 | | | |
| | EB | R1-1 | 12.5 | | | |
| | WB | W2-2 | 12.5 | | | |
| | EB | W2-7L | 12.5 | | | |
| | WB | R1-1 | 12.5 | | | |
| | EB | R1-1 | 12.5 | | | |
| | WB | W2-7L | 12.5 | | | |
| | EB | W3-1 | 12.5 | | | |
| | WB | R1-1 | 12.5 | | | |
| | WB | R1-1 | 12.5 | | | |
| | Object Marker | | 100.0 | | | |
| TOTAL | | | 637.5 | 67.5 | 136.8 | 0.812 |
| UNITS | | | FT | FT | LBS | CU.YDS. |

| STANDARD ROADSIDE SIGNS | | | | |
|--------------------------------|----------------|--------------------------|--------------------|------------------------|
| 0.080 Thickness | | | | |
| SIGN NO. | SIZE | UNIT AREA SQ. FT. | QUAN. REQ'D | TOTAL SIGN AREA |
| M1-4 | 24" X 24" | 4.00 | 1 | 4 |
| M1-5 | 24" x 24" | 4.00 | 12 | 48 |
| M2-1 | 21" X 15" | 2.19 | 1 | 2.19 |
| M3-1 | 24" X 12" | 2.00 | 1 | 2 |
| M3-2 | 24" X 12" | 2.00 | 3 | 6 |
| M3-3 | 24" X 12" | 2.00 | 1 | 2 |
| M3-4 | 24" X 12" | 2.00 | 1 | 2 |
| M4-5 | 24" X 12" | 2.00 | 1 | 2 |
| M5-1L | 21" X 15" | 2.19 | 2 | 4.38 |
| M5-1R | 21" X 15" | 2.19 | 1 | 2.19 |
| M6-1R | 21" X 15" | 2.19 | 7 | 15.33 |
| R1-2 | 5" X 36" X 36" | 4.50 | 2 | 9 |
| R1-4 | 12" X 36" | 3.00 | 4 | 12 |
| R2-1 | 24" X 30" | 5.00 | 2 | 10 |
| R4-7 | 36" X 48" | 12.00 | 1 | 12 |
| R5-1 | 36" X 36" | 9.00 | 4 | 36 |
| R7-1 | 12" X 18" | 1.50 | 3 | 4.5 |
| S3-1 | 36" X 36" | 9.00 | 3 | 27 |
| OM-3L | 12" X 36" | 3.00 | 44 | 132 |
| OM-3R | 12" X 36" | 3.00 | 44 | 132 |
| W1-5R | 36" X 36" | 9.00 | 2 | 18 |
| W1-7 | 24" X 48" | 8.00 | 1 | 8 |
| W2-2 | 36" X 36" | 9.00 | 8 | 72 |
| Total (0.080" Thickness) | | | | 562.59 |

| STANDARD ROADSIDE SIGNS | | | | |
|--------------------------------|-------------|--------------------------|--------------------|------------------------|
| 0.125 Thickness | | | | |
| SIGN NO. | SIZE | UNIT AREA SQ. FT. | QUAN. REQ'D | TOTAL SIGN AREA |
| M1-4 | 36" X 36" | 9.00 | 1 | 9 |
| R1-1 | 48" OCTAGON | 13.25 | 2 | 26.5 |
| W2-7L | 36" X 36" | 9.00 | 2 | 18 |
| W3-1a | 36" X 36" | 9.00 | 2 | 18 |
| W3-1a | 48" X 48" | 16.00 | 1 | 16 |
| W4-2L | 36" X 36" | 9.00 | 1 | 9 |
| W4-103L | 48" X 48" | 16.00 | 1 | 9 |
| Total (0.125" Thickness) | | | | 105.5 |

| STANDARD ROADSIDE SIGNS | | | | |
|--------------------------------|-------------|--------------------------|--------------------|------------------------|
| 0.100 Thickness | | | | |
| SIGN NO. | SIZE | UNIT AREA SQ. FT. | QUAN. REQ'D | TOTAL SIGN AREA |
| R1-1 | 36" | 7.46 | 8 | 59.68 |
| Total (0.100" Thickness) | | | | 59.68 |

Mill & Overlay approximately 6.5 miles of SR 2 from SR 5 to the Tippah County Line, known as Federal Aid Project No. STP-2911-00(002) / 108258301 in Benton County.

| Line No. | Item Code | Adj Code | Quantity | Units | Description [Fixed Unit Price] |
|----------------------|-----------|----------|----------|-------------|--|
| Roadway Items | | | | | |
| 0010 | 202-B007 | | 2,166 | Square Yard | Removal of Asphalt Pavement, All Depths |
| 0020 | 203-G001 | (E) | 537 | Cubic Yard | Excess Excavation, FM, AH |
| 0030 | 304-B002 | (GT) | 4,287 | Ton | Granular Material, Class 3, Group D |
| 0040 | 403-A006 | (BA1) | 1,475 | Ton | 19-mm, ST, Asphalt Pavement |
| 0050 | 403-A015 | (BA1) | 8,975 | Ton | 9.5-mm, ST, Asphalt Pavement |
| 0060 | 403-B012 | (BA1) | 7,375 | Ton | 9.5-mm, ST, Asphalt Pavement, Leveling |
| 0070 | 403-C003 | (BA1) | 2,515 | Ton | 19-mm, ST, Asphalt Pavement, Trench Widening |
| 0080 | 406-A002 | | 2,000 | Square Yard | Cold Milling of Bituminous Pavement, All Depths |
| 0090 | 407-A001 | (A2) | 15,350 | Gallon | Asphalt for Tack Coat |
| 0100 | 423-A001 | | 13 | Mile | Rumble Strips, Ground In |
| 0110 | 503-C010 | | 600 | Linear Feet | Saw Cut, Full Depth |
| 0120 | 601-B001 | (S) | 1 | Cubic Yard | Class "B" Structural Concrete, Minor Structures |
| 0130 | 618-A001 | | 1 | Lump Sum | Maintenance of Traffic |
| 0140 | 618-B001 | | 1 | Square Feet | Additional Construction Signs [\$10.00] |
| 0150 | 619-A1001 | | 26 | Mile | Temporary Traffic Stripe, Continuous White |
| 0160 | 619-A2001 | | 20 | Mile | Temporary Traffic Stripe, Continuous Yellow |
| 0170 | 619-A4002 | | 7 | Mile | Temporary Traffic Stripe, Skip Yellow |
| 0180 | 619-A5001 | | 8,125 | Linear Feet | Temporary Traffic Stripe, Detail |
| 0190 | 619-A6002 | | 475 | Linear Feet | Temporary Traffic Stripe, Legend |
| 0200 | 620-A001 | | 1 | Lump Sum | Mobilization |
| 0210 | 626-C002 | | 13 | Mile | 6" Thermoplastic Double Drop Edge Stripe, Continuous White |
| 0220 | 626-D001 | | 4 | Mile | 6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow |
| 0230 | 626-E001 | | 10 | Mile | 6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow |
| 0240 | 626-G004 | | 4,100 | Linear Feet | Thermoplastic Double Drop Detail Stripe, White |
| 0250 | 626-H002 | | 234 | Linear Feet | Thermoplastic Double Drop Legend, White |
| 0260 | 627-J001 | | 126 | Each | Two-Way Clear Reflective High Performance Raised Markers |
| 0270 | 627-K001 | | 28 | Each | Red-Clear Reflective High Performance Raised Markers |
| 0280 | 627-L001 | | 624 | Each | Two-Way Yellow Reflective High Performance Raised Markers |
| 0290 | 630-A001 | | 563 | Square Feet | Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness |
| 0300 | 630-A003 | | 106 | Square Feet | Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness |
| 0310 | 630-A005 | | 60 | Square Feet | Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness |
| 0320 | 630-C001 | | 68 | Linear Feet | Square Tube Posts, 4.0 lb/ft |

| Line No. | Item Code | Adj Code | Quantity | Units | Description [Fixed Unit Price] |
|-----------------|------------------|-----------------|-----------------|--------------|---|
| 0330 | 630-C005 | | 638 | Linear Feet | Square Tube Posts, 2.0 lb/ft |
| 0340 | 630-E004 | | 137 | Pounds | Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar |
| 0350 | 907-619-B001 | | 66 | Linear Feet | Temporary Portable Rumble Strips |