

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> 7/20/2021 </u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____

Number	Description
1	Revised Table of Contents; Removed Notice To Bidders No. 447; Revised Notice To Bidders No. 3460; 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.

SP-0914-00(040)/ 108656301000

Marshall County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: SP-0914-00(040)/108656301 - Marshall

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OCR-485

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(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET
OF SECTION 905 AS ADDENDA)

07/20/2021 10:58 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3460

CODE: (SP)

DATE: 03/31/2021

SUBJECT: Scope of Work

PROJECT: SP-0914-00(040) / 108656301 -- Marshall 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 milling and overlay approximately 16.5 miles of SR 309 beginning at the intersection of SR 4 (approximate Station 10+00) and going northerly to beginning of 2-lane section north of I-22.

The following sections are omitted from the project:

Sta. 444+75 to 480+50 (0.677 Miles)

Sta. 646+00 to 654+00 (0.152 Miles)

Sta. 684+00 to 721+00 (0.701 Miles)

Sta. 829+10 to 846+25 (0.325 Miles)

Total omitted sections: 1.855 Miles

Bidders are advised that cross-slopes for curve super elevations are to be constructed in accordance with information provided by the Department. To assist the Contractor in correctly placing the cross slope transitions, the Department will provide at the preconstruction conference the stationing and percent slope information.

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.

The work shall consist of the following:

1. Failed areas shall be repaired as followings:

- 202-B, Removal of Asphalt Pavement, All Depths – for pavement structure.
- 203-G, Excess Excavation – for material below the pavement structure
- 403-A, 19-mm, MT, Asphalt
- 503-C, Saw Cut, Full Depth

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

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

Station	Lane	Length	Width*	Area (SY)
15+60	L	16	11.5	20.444
39+00	L	15	11.5	19.167
63+60	L	14	11.5	17.889
84+50	R	125	11.5	159.722
87+25	R	175	11.5	223.611
154+00	L	23	11.5	29.389
197+30	R	32	11.5	40.889
205+60	R	18	11.5	23.000
206+90	L	42	11.5	53.667
532+50	L and R	40	23.0	102.222
554+40	R	20	11.5	25.556
555+20	L	23	11.5	29.389
557+00	L	51	11.5	65.167
561+40	R	14	11.5	17.889
582+10	R	64	11.5	81.778
582+50	L	134	11.5	171.222
863+80	R	65	12	86.667
868+50	R	50	12	66.667
872+05	R	36	12	48.000
Total				1282.333

The above areas were noted during the field inspection. Additional areas may require repair during construction.

- 2. The existing asphalt pavement shall be fine milled of to a depth of two inches (2"). Milling operations shall be on the mainline, local roads and driveway pads. Milling material shall become the property of the Contractor.

Area	SY
Mainline	216,120
Local Roads	10,063
Pads	3,799
Total	229,982

Payment for fine milling of pavement will be made under pay item 406-D, per square yard, and shall include all cost associated with the milling operation.

NOTE: Milled surfaces are to be covered with surface asphalt within ten (10) calendar days of removal. The Contractor will be charged a fee of \$5,000.00 for each full or partial day in which the milled surface is left uncovered after the ten (10) calendar days.

NOTE: During this operation and prior to placement of the asphalt, due care shall be required to keep surface water from ponding on the roadway surface; continuous monitoring of the project shall be required.

NOTE: During this operation and prior to placement of the asphalt, the Contractor shall repair and maintain all pot holes.

- 3. The Contractor shall excavate three inches (3") deep and two feet (2') wide at the pavement edges for trench widening from station 11+10 to station 564+00. The entire length of the project will not be trench widened. The overall pavement width shall be 26' wide.

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. This material shall not 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.

- 4. The Contractor shall place 3” of 19-mm, MT, Trench Widening, asphalt in the previous excavated trench.
- 5. A quantity of 50 tons/lane mile of 3/4” and variable 9.5-mm, MT, Leveling asphalt is provided in case the project experiences any areas with non-conforming cross sections or unacceptable profiles to be used as directed by the project engineer.
- 6. The Contractor shall place 2” of 12.5-mm, MT, asphalt as follows.

Area	12.5-mm, MT
Mainline	27,492
Local Roads	1,087
Pads	1,132
Total	29,711

- 7. The surface lift of asphalt shall be sawed and sealed at the bridge end pavement on Bridge # 15.4.
- 8. The Contractor shall place granular material on the shoulders as directed to raise the existing shoulders to the new finished 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 as per Section 618 of the Standard Specifications.
- 10. Rumble strips shall be installed for rumble stripe on the outside of edge of the roadway.
- 11. Permanent pavement markings as required, thermoplastic striping, two-way clear reflective high performance raised markers and two-way yellow reflective high performance raised markers, shall be placed as necessary. 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. All existing post mounted standard roadside signs estimated in the attached tables shall be replaced. There will be no separate payment for the removal of the existing signs and the cost is to be absorbed in the replacement sign. The Contractor shall deliver the removed signs to the MDOT Maintenance Office at 205 Heritage Drive, in Holly Springs. All existing u-

channel posts shall be replaced with 2.0 lb./ft. square posts. The existing u-channel posts shall be removed and shall become the property of the Contractor. Pay length for the square posts are estimated at 10 feet each for all object marker signs and 15 feet each for all other signs. This length includes the anchor section shown on the attached standard drawing. No separate payment will be made for the anchor section and all costs for the installation of the square posts are to be absorbed in pay item 630-C: Square Tube Posts, 2.0 lb./ft. Signs on existing round pipe posts shall be replaced on the existing posts. The Contractor shall verify the sign and post quantity prior to ordering materials.

STANDARD ROADSIDE SIGNS 0.080"				
SIGN NO.	SIZE	UNIT AREA SQ. FT.	QUAN. REQ'D	TOTAL SIGN AREA SQ. FT.
M1-1	24" X 24"	4.00	8	32
M1-4	24" X 24"	4.00	7	28
M1-5	24" X 24"	4.00	1	4
M1-5	30" X 24"	5.00	7	35
M2-1	21" X 15"	2.19	5	10.95
M3-1	24" X 12"	2.00	4	8
M3-2	24" X 12"	2.00	4	8
M3-2A	30" X 15"	3.13	2	6.26
M3-3	24" X 12"	2.00	3	6
M3-4	24" X 12"	2.00	4	8
M3-4	15" X 20"	2.08	1	2.08
M3-4	15" X 30"	3.13	1	3.13
M5-1L	21" X 15"	2.19	1	2.19
M5-1R	21" X 15"	2.19	1	2.19
M6-1L	21" X 15"	2.19	5	10.95
M6-2R	21" X 15"	2.19	5	10.95
M6-3	21" X 15"	2.19	4	8.76
R1-2	36" X 36" X 36"	4.50	10	45
R1-4	12" X 36"	3.00	4	12
R2-1	24" X 30"	5.00	6	30
R4-7	36" X 48"	12.00	2	24
R5-1	36" X 36"	9.00	2	18
R12-1	24" X 30"	5.00	5	25
R12-5	36" X 36"	9.00	2	18
S3-1	36" X 36"	9.00	4	36
OM-3L	12" X 36"	3.00	97	291
OM-3R	12" X 36"	3.00	97	291
W2-1	36" X 36"	9.00	8	72
TOTAL (0.080" THICKNESS)				1048.46

STANDARD ROADSIDE SIGNS 0.100"				
SIGN NO.	SIZE	UNIT AREA SQ. FT.	QUAN. REQ'D	TOTAL SIGN AREA SQ. FT.
R1-1	36" OCTAGON	7.46	16	119.36
TOTAL (0.100" THICKNESS)				119.36

STANDARD ROADSIDE SIGNS 0.125"				
SIGN NO.	SIZE	UNIT AREA SQ. FT.	QUAN. REQ'D	TOTAL SIGN AREA SQ. FT.
M1-104	36" X 36"	9.00	1	9
R1-1	48" OCTAGON	13.25	11	849.75
R5-101	36" X 36"	9.00	8	72
R6-1L	36" X 12"	3.00	8	24
R6-1R	36" X 12"	3.00	2	6
R6-3A	24" X 30"	5.00	2	10
W1-L	30" X 30"	6.25	3	18.75
W1-1R	30" X 30"	6.25	1	6.25
W1-2L	30" X 30"	6.25	3	18.75
W1-2R	30" X 30"	6.25	4	25
W1-3R	30" X 30"	6.25	2	12.5
W1-4L	30" X 30"	6.25	2	12.5
W1-5L	30" X 30"	6.25	1	6.25
W1-5R	30" X 30"	6.25	2	12.5
W1-7	60" X 30"	12.50	1	12.5
W1-8	24" X 30"	5.00	30	150
W2-2	30" X 30"	6.25	4	25
W3-1a	36" X 36"	9.00	4	36
W3-5	24" X 30"	5.00	1	5
W4-2L	36" X 36"	9.00	1	9
W4-103L	48" X 48"	16.00	1	16
W6-1	48" X 48"	16.00	3	48
W6-2	48" X 48"	16.00	2	32
W6-3	36" X 36"	9.00	2	18
W8-13	36" X 36"	9.00	8	72
W7-6	30" X 30"	6.25	1	6.25
W11-17	30' X 30'	6.25	3	18.75
W13-1	18" X 18"	2.25	12	27
W13-1P	18" X 18"	2.25	2	4.5
W9-2R	48" X 48"	16.00	2	32
TOTAL (0.125" THICKNESS)				1588.25

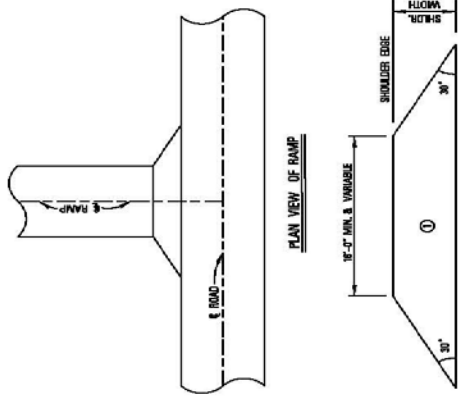
The Contractor shall provide all signs and traffic handling devices necessary to safely maintain traffic around or through the work areas.

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.	



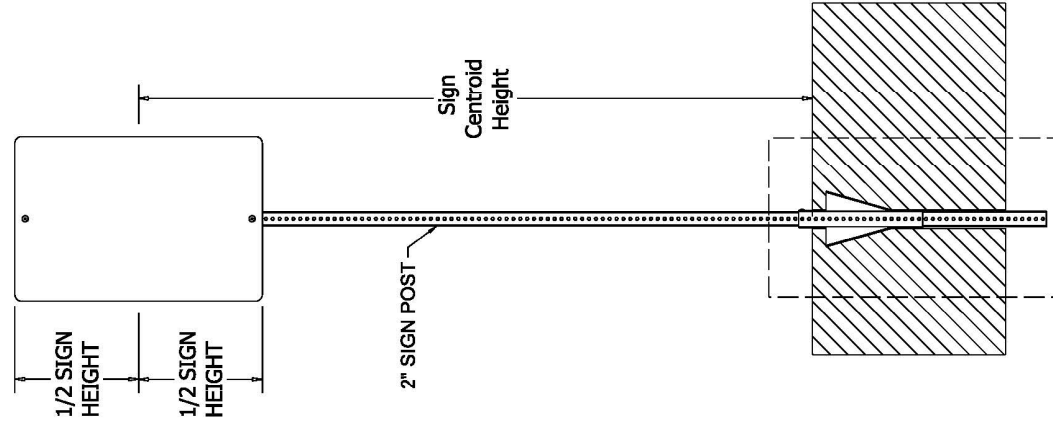
① 1-1/2" & VARIABLE DEPTH ASPHALT PAVEMENT REQUIRED



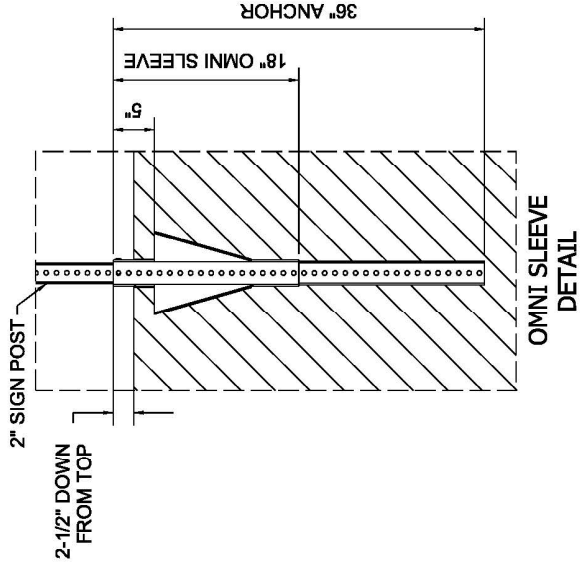
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
MISCELLANEOUS DETAIL	
PROJECT NUMBER	MS-1
FILE NAME	MS-1
DATE	

FMS CON:	PROJECT NO:
STATE:	MISS.

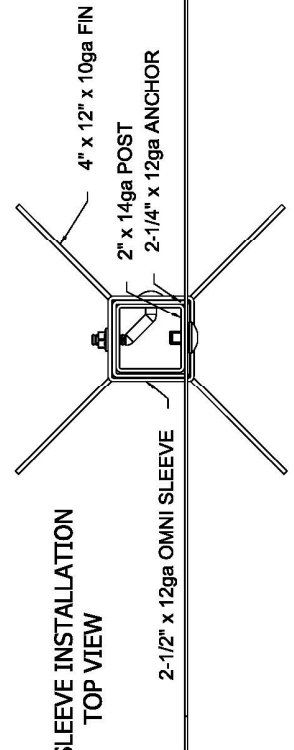
SOIL INSTALLATION



SEE OMNI SLEEVE DETAIL



OMNI SLEEVE INSTALLATION TOP VIEW



MATERIALS: PERFORATED SQUARE STEEL TUBE Post and Anchor (PSST): Must be ASTM A1011, Grade 50 steel with an average minimum yield strength after cold-forming must be 60,000 psi. It must be corner welded, scarfed after welding, then zinc coated after scarfing. It must be coated with a chromate conversion coating and a clear organic polymer topcoat. Its interior and exterior will be galvanized. It must have 7/16" holes spaced 1" apart along the centerline of each of its four sides.
POST must be 2" x 14ga x appropriate length.
ANCHOR must be 2-1/4" x 12ga x 36".
OMNI SLEEVE must be: 2-1/2" x 12ga x 18" and contain four 4" x 12" x 10ga ASTM A569 steel fins welded to each of the four corner edges of the square sleeve with 4" flat end of each fin positioned 5" down from one end, and must be galvanized. A medium corner bolt must be used to secure the assembly.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SIGN SUPPORT HARDWARE	
BY	REVISION
2.0" SQUARE POST	
PRCJ. NO. :	SP-0914-00(040)
COUNTY :	Marshall
FILENAME :	J.T.S.S.-2.DGN
DESIGN TEAM	CHECKED
DATE	
WORD NUMBER	SS-2
SHEET NUMBER	01