

## 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>  3/21/2024  </u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number	Description
1	Revised Notice To Bidders No. 5624; 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.

SP-0016-02(047)/ 109443301000

Calhoun County(ies)

Revised 01/26/2016

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904 - NOTICE TO BIDDERS NO. 5624**

**CODE: (SP)**

**DATE: 03/20/2024**

**SUBJECT: Scope of Work**

**PROJECT: SP-0016-02(047) / 109443301 – Calhoun 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 of Highway 8 beginning at the Grenada County Line and going easterly for approximately 9.7 miles to a point west of SR 9 in Calhoun County.

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 curbs, 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 the bridge ends and at the end of the workday, a taper of one (1) vertical inch for each three (3) horizontal feet 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.

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. The existing asphalt pavement shall be fine milled to a depth of two inches (2”). Milling operations shall be on the mainline, local roads and driveway pads. The Department will retain fifty (50%) percent of the milling material. The Contractor shall deliver the milling material to the MDOT Grenada County Maintenance Shop located at 1233 Air Industrial Park Road in Grenada. The Contractor shall provide all necessary equipment and qualified personnel to push material into a suitable stockpile.

The existing asphalt pavement on Bridge #'s 101.1 shall be fine milled to expose existing concrete is required. The depth of asphalt on the deck may vary. A milling machine with a milling head no larger than four (4') feet shall be used. Asphalt shall be milled to a depth such that the milling head does not come in contact with the bridge deck. The asphalt depth on the bridge deck after milling shall not be thinner than one-half inch (1/2"). Once this depth is reached, the Contractor must utilize another method to remove the remaining asphalt in a fashion that does not harm the existing structure. Any damages to the deck will be repaired at the Contractor's expense. The Contractor shall provide all technical data on the milling machine that will be used on this project to the Director of Structures, State Bridge Engineer through the Project Engineer for approval.

Area	SY
Mainline	126,600
Bridge Decks	1,100
Local Roads	4,100
Pads	2,400
Total	134,200

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 shall be covered with asphalt within seven (7) 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 seven (7) 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 may be required.

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

2. If any failed areas are present after milling operations, the failed areas shall be repaired using the following:

- 202-B, Removal of Asphalt Pavement, All Depths – for pavement structure.
- 203-G, Excess Excavation – for material below the pavement structure
- 304-F, Crushed Stone – to be used to replace unsuitable material below the 1-foot limit
- 403-A, 19-mm, ST, Asphalt Pavement
- 503-C, Saw Cut, Full Depth

NOTE: Failed areas are estimated as one foot (1') of excavation and backfilled with one foot (1') (maximum 3 1/2" lifts) of 19-mm, ST, asphalt. The asphalt shall be placed per the Project Engineer's instructions.

- 3. Leveling asphalt (12.5-mm, ST) shall be placed for the leveling of existing horizontal curves to correct cross slope on the previous milled surface. 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.

12.5-mm, ST, Leveling Asphalt Curve Correction				
Station		Length (ft)	Width	Tons
1389+50	1395+50	600	28	150

- 4. Leveling of the mainline at the following locations shall be performed by placing 2” and variable of 12.5-mm, ST, Leveling asphalt. The entire roadway will not be leveled.

12.5-mm, ST, Leveling Asphalt				
Station		Length (ft)	Width	Tons
1050+00	1065+00	1500	28	515
1094+00	1095+00	100	28	35
1104+00	1105+00	100	28	35
1110+50	1114+13	363	28	125
1122+32	1125+00	268	28	95
1130+00	1135+00	500	28	175
1170+00	1171+00	100	28	35
1190+00	1205+00	1500	28	515
1210+00	1214+00	400	28	140
1215+60	1225+00	940	28	325
Total		5771		1,995

- 5. A surface course shall be placing using 2” of 12.5-mm, ST asphalt on the previous leveled surface.

A surface course of 1” of 12.5-mm, ST asphalt shall be placed on the previous milled bridge decks. The use of dynamic rollers shall be prohibited for compaction of the asphalt lifts on the bridge deck. Only static compaction will be allowed. Due care shall be given to ensure asphalt thickness does not exceed a compacted thickness of one inch (1”). Asphalt cores may be used to verify this thickness. An allowable tolerance of +0” to -1/4” is permitted. If thicknesses have been verified to exceed the one inch maximum tolerance, the entire bridge deck shall be milled in accordance with Item 1 above and replaced at no additional cost to MDOT.

12.5-mm, ST Asphalt	
Area	Total
Mainline	13,975
Bridge Deck	60
Local Roads	450
Pads	275
Total	14,760

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

Granular Material, Class 5, Group D			
Length (ft)	Width (ft)	Depth (in)	Tons
39028	2.5	3	3,050

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.

- 7. Temporary traffic stripe shall be placed daily as per Section 618 of the Standard Specifications.
- 8. Guardrails shall be removed and replaced at the following locations. Core drilling will be required for the bridge end connector and will be an absorbed item of work.

BR #	Guardrail Removal	Guardrail Installation	Terminal Section	Bridge Section Type A	Delineators, Guard Rail White
101.1	622	350	4	4	30

- 9. Permanent pavement markings (thermoplastic striping, two-way clear reflective high performance raised markers, and two-way yellow reflective high performance raised markers) shall be placed as required. The existing traffic stripe on bridge shall be removed and replaced. The length of the bridge is 410 feet.
- 10. All existing post mounted standard roadside signs estimated in the attached table shall be replaced. The Contractor shall deliver the removed signs to the MDOT Grenada County

Maintenance Shop located at 1233 Air Industrial Park Road in Grenada. All signs and hardware shall be removed from post prior to delivery. The Contractor shall required to verify the sign quantity prior to ordering materials. All hardware and footings required for the erection of new signs and post shall be absorbed in other items of work.

Sign Quantity			
Pay Item	Description	Unit	Quantity
202-B	Removal of Sign, Including Post and Footing	EA	57
630-A	Standard Roadside Signs, Sheet Aluminum, .08" Thickness	SF	47
630-A	Standard Roadside Signs, Sheet Aluminum, .125" Thickness	SF	315
630-A	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF	152
630-C	Square Tube Post, 2.0 lb/ft	LF	960
630-G	Type 3 Object Marker, OM-3R or OM-3L	EA	76

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 Maintenance of Traffic.



Station #	Lane	Sign Description	Sign Code	Removal U-Channel	Type 3 OM	0.08"	0.1"	0.125"	Square Tube Post (2#/LF)
990+00	R	Speed Limit 55	R2-1			5			15
997+25	Both	Type 3 OM's	OM-3L&R		4				
998+80	R	Crossroad Ahead	W2-1					9	15
1000+15	R	CHURCH	W39-3	1				9	15
1005+80	R	36" Stop	R1-1	1			7.46		15
1005+80	R	Stop Ahead Symbol	W3-1a	1				9	15
1005+80	L	36" Stop	R1-1	1			7.46		15
1005+80	L	Stop Ahead Symbol	W3-1a	1				9	15
1014+60	L	CHURCH	W39-3	1				9	15
1016+00	L	Crossroad Ahead	W2-1					9	15
1025+50	R	Side Roads Ahead	W2-7R	1				9	15
1034+10	R	36" Stop	R1-1	1			7.46		15
1034+10	R	Stop Ahead Symbol	W3-1a	1				9	15
1034+10	L	Left Right Arrow	W1-7	2			8		30
1037+90	R	Left Right Arrow	W1-7	2			8		30
1037+90	L	36" Stop	R1-1	1			7.46		15
1037+90	L	Stop Ahead Symbol	W3-1a	1				9	15
1044+75	L	Side Roads Ahead	W2-7R					9	15
1073+75	Both	Type 3 OM's	OM-3L&R		4				
1080+45	Both	Type 3 OM's	OM-3L&R		4				
1077+30	R	Crossroad Ahead	W2-1					9	15
1084+35	R	36" Stop	R1-1	1			7.46		15
1084+35	R	Stop Ahead Symbol	W3-1a	1				9	15
1084+35	L	36" Stop	R1-1	1			7.46		15
1084+35	L	Stop Ahead Symbol	W3-1a	1				9	15
1093+35	L	Crossroad Ahead	W2-1	1				9	15
1094+50	Both	Type 3 OM's	OM-3L&R		4				
1118+65	Both	Type 3 OM's	OM-3L&R		4				
1129+30	Both	Type 3 OM's	OM-3L&R		4				
1136+50	Both	Type 3 OM's	OM-3L&R		4				
1173+50	Both	Type 3 OM's	OM-3L&R		4				
1179+45	Both	Type 3 OM's	OM-3L&R		4				
1198+35	Both	Type 3 OM's	OM-3L&R		4				
1204+10	Both	Type 3 OM's	OM-3L&R		4				
1206+70	R	Side Roads Ahead	W2-7L	1				9	15
1211+40	R	Left Right Arrow	W1-7				8		30
1211+40	L	36" Stop	R1-1	1			7.46		15
1211+40	L	Stop Ahead Symbol	W3-1a	1				9	15
1212+25	Both	Type 3 OM's	OM-3L&R	2	4				
1214+10	R	36" Stop	R1-1	1			7.46		15
1214+10	R	Stop Ahead Symbol	W3-1a	1				9	15
1214+10	L	Left Right Arrow	W1-7				8		30
1222+25	L	Side Roads Ahead	W2-7L	1				9	15
1238+45	Both	Type 3 OM's			4				
1240+00	R	Bridge May Ice	W8-13	1				9	15
1246+90	R	Weight Limit (w/sym.)	R12-5	1		12			15
1246+90	R	Emergency Vehicle (WL)	R12-7			6.25			



Station #	Lane	Sign Description	Sign Code	Removal U-Channel	Type 3 OM	0.08"	0.1"	0.125"	Square Tube Post (2#/LF)
WEST 1246+90 EAST 1251+00	Both	Type 3 OM's	OM-3L&R	4	4				
1251+00	L	Weight Limit (w/sym.)	R12-5	1		12			15
1251+00	L	Emergency Vehicle (WL)	R12-7			6.25			
1257+00	L	Bridge May Ice	W8-13	1				9	15
1283+50	R	Side Road Right	W2-2R	1				9	15
1290+90	R	36" Stop	R1-1	1			7.46		15
1290+90	R	Stop Ahead Symbol	W3-1a	1				9	15
1290+90	L	Left Right Arrow	W1-7				8		30
1302+00	L	Side Road Left	W2-2L	1				9	15
1305+00	Both	Type 3 OM's	OM-3L&R		4				
1314+40	Both	Type 3 OM's	OM-3L&R		4				
1318+65	R	Crossroad Ahead	W2-1	1				9	15
1320+55	Both	Type 3 OM's	OM-3L&R		4				
1322+80	R	36" Stop	R1-1	1			7.46		15
1322+80	R	Stop Ahead Symbol	W3-1a	1				9	15
1322+80	L	36" Stop	R1-1	1			7.46		15
1322+80	L	Stop Ahead Symbol	W3-1a	1				9	15
1330+20	L	Crossroad Ahead	W2-1	1				9	15
1343+25	Both	Type 3 OM's	OM-3L&R		4				
1344+00	R	Crossroad Ahead	W2-1					9	15
1350+00	R	36" Stop	R1-1	1			7.46		15
1350+00	R	Stop Ahead Symbol	W3-1a	1				9	15
1350+00	L	36" Stop	R1-1	1			7.46		15
1350+00	L	Stop Ahead Symbol	W3-1a	1				9	15
1355+55	Both	Type 3 OM's	OM-3L&R		4				
1358+50	L	Crossroad Ahead	W2-1	1				9	15
1365+50	R	Crossroad Ahead	W2-1	1				9	15
1374+00	R	36" Stop	R1-1	1			7.46		15
1374+00	R	Stop Ahead Symbol	W3-1a	1				9	15
1374+00	L	36" Stop	R1-1	1			7.46		15
1374+00	L	Stop Ahead Symbol	W3-1a	1				9	15
1381+00	L	Crossroad Ahead	W2-1	1				9	15
1397+00	L	Speed Limit 55	R2-1			5			15
<b>TOTALS:</b>				<b>57</b>	<b>76</b>	<b>46.5</b>	<b>151.9</b>	<b>315</b>	<b>960</b>

Mill & Overlay approximately 10 miles of SR 8 from the Grenada County Line to west of SR 9, known as State Project No. SP-0016-02(047) / 109443301 in Calhoun County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
<b>Roadway Items</b>					
0010	202-B007		50	Square Yard	Removal of Asphalt Pavement, All Depths
0020	202-B158		622	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0030	202-B215		57	Each	Removal of Sign Including Post & Footing
0040	202-B240		1,230	Linear Feet	Removal of Traffic Stripe
0050	203-G001	(E)	50	Cubic Yard	Excess Excavation, FM, AH
0060	304-B004	(GT)	3,050	Ton	Granular Material, Class 5, Group D
0070	403-A003	(BA1)	14,760	Ton	12.5-mm, ST, Asphalt Pavement
0080	403-A006	(BA1)	50	Ton	19-mm, ST, Asphalt Pavement
0090	403-B003	(BA1)	2,145	Ton	12.5-mm, ST, Asphalt Pavement, Leveling
0100	406-D001		134,200	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0110	407-A001	(A2)	16,000	Gallon	Asphalt for Tack Coat
0120	423-A001		16	Mile	Rumble Strips, Ground In
0130	503-C010		100	Linear Feet	Saw Cut, Full Depth
0140	606-B002		350	Linear Feet	Guard Rail, Class A, Type 1, 'W' Beam
0150	606-D005		4	Each	Guard Rail, Bridge End Section, Type A
0160	606-E001		4	Each	Guard Rail, Terminal End Section
0180	618-A001		1	Lump Sum	Maintenance of Traffic
0190	618-B001		1	Square Feet	Additional Construction Signs [\$10.00]
0200	619-A1001		46	Mile	Temporary Traffic Stripe, Continuous White
0210	619-A2001		20	Mile	Temporary Traffic Stripe, Continuous Yellow
0220	619-A4002		19	Mile	Temporary Traffic Stripe, Skip Yellow
0230	619-A5001		3,500	Linear Feet	Temporary Traffic Stripe, Detail
0240	619-A6002		850	Linear Feet	Temporary Traffic Stripe, Legend
0250	620-A001		1	Lump Sum	Mobilization
0260	626-C002		16	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0270	626-D001		7	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0280	626-E001		7	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0290	626-G004		2,350	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
0300	626-G005		1,150	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
0310	626-H002		850	Linear Feet	Thermoplastic Double Drop Legend, White
0320	627-J001		300	Each	Two-Way Clear Reflective High Performance Raised Markers
0330	627-L001		800	Each	Two-Way Yellow Reflective High Performance Raised Markers

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0340	630-A001		47	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0350	630-A003		315	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0360	630-A005		152	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
0370	630-C005		960	Linear Feet	Square Tube Posts, 2.0 lb/ft
0380	630-F006		30	Each	Delineators, Guard Rail, White
0390	630-G004		76	Each	Type 3 Object Markers, OM-3R or OM-3L
0400	907-619-B001		66	Linear Feet	Temporary Portable Rumble Strips
<b>ALTERNATE GROUP AA NUMBER 1</b>					
0410	304-F001	(GT)	50	Ton	3/4" and Down Crushed Stone Base
<b>ALTERNATE GROUP AA NUMBER 2</b>					
0420	304-F002	(GT)	50	Ton	Size 610 Crushed Stone Base
<b>ALTERNATE GROUP AA NUMBER 3</b>					
0430	304-F003	(GT)	50	Ton	Size 825B Crushed Stone Base