### $S \ E \ C \ T \ I \ O \ N \quad 9 \ 0 \ 5 \ -- \ P \ R \ O \ P \ O \ S \ A \ L \quad (CONTINUED)$

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):

A	ADDENDUM NO.	1	DATED	5/4/2021	ADDENDUM NO DATED		
A	ADDENDUM NO	2	DATED	5/18/2021	ADDENDUM NO. DATED		
A	ADDENDUM NO	3	DATED	5/20/2021	ADDENDUM NO DATED		
Numb	er	Descri	ption		TOTAL ADDENDA: <u>3</u>		
1	Revised Table of Cor	ntents: A	dded Suppleme	ent & NTB No	(Must agree with total addenda issued prior to opening	of bids)	
•	2654; Added NTB No Required.				Respectfully Submitted,		
2	Revised NTB No. 329 Amendment EBSx Dov			ised Bid Items;	DATE		
3	Revised Attachments	to NTB	No. 3299; Ame	endment EBSx			
	Download Required.				Contractor		
					BYSignature		
					TITLE		
					ADDRESS		
					CITY, STATE, ZIP		
					PHONE		
					FAX		
				0,	E-MAIL		
(To	be filled in if a corpora	tion)					
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	r corporation is chartere es and business addresse				an	d the	names,
titit	to and ousiness addresse		Accultives are a	10110 105.			
	Pres	ident	<u> </u>		Address		
	Secr	retary			Address		
	Trea	surer			Address		
The	e following is my (our) i	temized 1	proposal.				
	SP-0039-02(055)/	-					
	Rankin County(ies	s)					

Revised 01/26/2016

### MISSISSIPPI DEPARTMENT OF TRANSPORTATION

### SECTION 904 - NOTICE TO BIDDERS NO. 3299

CODE:()

DATE: 04/15/2021

### **SUBJECT:** Scope of Work

### **PROJECT:** SP-0039-02(055) / 108657301 – Rankin 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".

Work on this project shall consist of the following.

Mill and overlay approximately 1 mile of State Route 18 from US Highway 80 (Station 10+00) to the Bridge at Terrapin Skin Creek (Station 66+15). Details of specific work are mentioned in the following sections.

### From BOP (Station 10+00) to Station EOP (66+15)

This project includes sections of 4-lane and 2-lane highway shown in the included typical sections. Work in this section will consist of repairing failed areas, replacing damaged signs, removing and replacing guardrail, and replacing existing traffic loops with radar detection systems. Prior to milling and overlay operations, failed pavement areas shall be repaired full depth as described in General Notes. Travel lanes, turn lanes, crossovers, shoulders, local roads, and interstate ramps shall be milled at a depth of 2" and variable. The Interstate ramps shall be milled and paved to the curb returns or as directed by the Engineer. Following the milling operations, the roadway shall be then overlaid with a 2"and variable of 12.5-mm, HT, asphalt. Further details on each operation can be found in the general notes for each operation.

Due to an upcoming project on US 80 and the SR 18 intersection, the left turn lane on SR 18 to US 80 Westbound shall not be milled or paved (See attached milling area detail). Temporary striping shall also be left in place in lieu of permanent thermoplastic on the Northbound and Southbound lanes according to the attached detail.

### **GreenField Road Turn Lane Addition**

The Turn Lane from Greenfield Rd to SR 18 East shall be extended according to the attached typical sections and detail drawings. Excess excavation shall be used to remove existing material to a depth of 14". The new pavement structure consists of 6" of Crushed stone (day-lighted) and 7" of 12.5mm HT, Leveling, placed in 3 lifts (2@2.5" and 1@2"). Type V Geotextile fabric shall be placed under all areas requiring stone. This work shall be completed before milling and paving operations begin. Care shall be taken to limit the drop off to no greater than 2" if work cannot be completed in one day.

### **General Notes**

### Milling

Milling/paving shall not begin until an **approved** asphalt mix design has been received, nor until such time that, in the opinion of the Engineer, weather conditions have been consistently suitable enough to allow placement of the asphalt after the milling operations.

The Reclaimed Asphalt Pavement (RAP) material removed by the milling operation shall become the property of the Contractor with the exception of 10,000 tons or 50% of the total anticipated RAP tonnage, whichever is less, to be stockpiled at the MDOT Whitfield Maintenance Yard, 3769 Highway 468, Pearl, MS, 39208. The Contractor shall coordinate the efforts with the Maintenance Office to effectively stockpile the milled material as directed by the Engineer. Anytime that milling is being hauled to MDOT, the Contractor shall provide the necessary equipment and operator(s) at the above mentioned location to stockpile the material. All costs associated with the hauling, placing, and stockpiling the State-retained material will be absorbed in other items bid and will not be measured for separate payment.

Where milling is required, the Contractor shall provide outlets in the existing shoulders at sufficient intervals to prevent pooling or standing water on the milled surface, the cost of which shall be absorbed in other items bid.

Milling and paving operations shall be performed such that a -2% slope from centerline is provided in normal crown roadway sections. Super-Elevation through curves shall be maintained as it currently exists or improved as directed.

Milling operations shall be performed in accordance with the Contract Documents and the MDOT Standard Specifications. Variable width and length transitions may be required for ties at ramps, local roads, project limits.

Milling of driveway pads shall be conducted in a manner to prevent gouging or otherwise affecting the roadway pavement structure and slope. Milling of driveway pads shall not be performed in simultaneous path with main line milling.

Traffic will be allowed to travel on the milled surface for  $\underline{\text{two}}(2)$  days. Traffic will be allowed to run on all milled local roads for  $\underline{\text{two}}(2)$  days unless otherwise stated. Approved mix designs must be on hand prior to milling.

### **Paving**

Prior to mainline milling and paving operations, failed areas in the existing pavement shall be removed and backfilled with 12.5-mm, HT, Leveling asphalt as per the attached typical sections and details. Asphalt shall be placed in multiple lifts with a maximum lift thickness of 2.5". Any granular/chemically treated/stone/etc. base or subgrade material deemed unsuitable by the Engineer shall be removed as directed and backfilled with 12.5-mm, HT, Leveling asphalt. Payment for the excavation of the granular base and subgrade will be made using pay item 203-

G: Excess Excavation. A list of the failed areas is shown in the attached tables. Pavement repairs shall be completed as a continuous operation in order to minimize traffic impacts. Lane closures shall remain in place until the failed area has been completely repaired. Lane closures may not be left unattended.

Payment for saw cuts on failed areas will be made using the appropriate pay items. If milling techniques are used, the area will not require saw cuts but care should be exercised in order to create a neat removal line and to prevent damage to the adjacent pavement structure. If saw cuts are used in conjunction with milling, payment will be made using the appropriate items. Payment will not be made for saw cuts not performed.

Publicly maintained roads and streets shall be paved to the existing right-of-way and in accordance with the attached drawings.

Privately owned entrances shall be paved to the shoulder line per the included typical drawing, unless otherwise directed. Pad dimensions shall match the existing lengths and widths, unless otherwise directed. Pads shall be shaped horizontally and vertically to prevent excessive drop-offs. Any new driveway pads deemed necessary by the Engineer shall be placed according to specifications.

### **Granular Shoulder Material**

Any material excavated from the existing shoulder during pavement widening operations or as a result of shoulder blading shall be used on the existing shoulder to match the new pavement elevation and any surplus material shall be spread along the edge of the shoulders, fore slopes, or other adjacent areas as directed by the Engineer and will be an absorbed item. Material which cannot be suitably placed in adjacent areas and deemed to be excess excavation by the Engineer shall be removed from the project site. Payment for removal of excess material will be made using pay item 203-G: Excess Excavation.

Granular material (crushed stone) shall be provided around driveway pads as directed to prevent shoulder drop-offs and shall be placed in a timely manner. Drop-offs exceeding  $2\frac{1}{2}$ " shall be corrected within two (2) calendar days of the placement of the pad.

Where applicable, the existing shoulders shall be raised to match the new pavement elevation by placing variable depth granular material (crushed stone). Placement of the granular material on the finished asphalt course shall not be permitted. The existing shoulder shall be scarified to allow incorporation of the new shoulder material. The material shall be bladed, rolled, and compacted to a finished slope of four percent (4%) in normal crown sections. Placement of this material shall be performed to provide a uniform and compacted shoulder with a minimum depth and width of material placed. Shoulders with adequate shoulder material in place shall be bladed to a slope of four percent (4%) in normal crown sections. The cost of blading will be an absorbed item and shall be included in the price of other items bid. Crushed concrete will not be allowed.

### Temporary and Permanent Pavement Markings

Temporary traffic stripe will be required immediately after the milling and/or required overlay and prior to opening area to traffic. Temporary stripe shall be placed in the same location and configuration as the permanent stripe except that it may be offset as required for milling and paving operations. If temporary stripe is offset, the Contractor shall conduct operations in a manner to insure the final temporary stripe is placed at the required location of the permanent stripe. If removal of temporary offset stripe is required in order to achieve the correct location and alignment of permanent stripe, the cost of removal will be absorbed in other items bid. Placing double temporary centerline will not be allowed.

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Temporary striping shall conform to finished stripe specifications for alignment, neatness, and straightness.

The use of short strips of traffic tape will not be allowed unless approved by the Engineer.

Temporary raised pavement markers shall be placed along the centerline of the roadway in any areas expected to be dormant for more than 90 days and/or as directed by the Engineer.

All permanent striping will be double drop thermoplastic, 90-mil thickness unless otherwise specified in Subsection 626.03.1.2. Edge lines shall be placed to accommodate the lane widths shown on the attached applicable typical sections unless prevented by field conditions.

### <u>Guardrail</u>

Guardrails shall be replaced at the locations shown on the attached table. Removal of guardrail shall consist of removal of bridge end section, w-beam/thrie beam, terminal end section, posts, and all other appurtenances. All guardrail removed shall be replaced the same day and prior to reopening the adjacent lane of traffic. Voids created by the removal of posts, concrete anchors, footings, etc. shall be backfilled and tamped in accordance with Section 203 of the Standard Specifications. Asphalt shall be extended under the guard rail and two feet (2') behind guard rail post as per the attached detail. The area to be paved shall be bladed to accommodate 3" of asphalt. All existing guardrail will be retained by the Department. The removed material shall be delivered to the MDOT Whitfield Maintenance Yard, 3769 Highway 468, Pearl, MS, 39208. The Contractor shall coordinate the delivery of the retained guard rail with MDOT maintenance personnel. Pavement around guardrail posts shall be blocked out in accordance with the attached drawing. The excavated material shall be retained and used to raise the existing shoulder to match the new pavement elevation. The cost of blading will be an absorbed item and shall be included in the price of other pay items bid. Material which cannot be placed and blended in adjacent areas and deemed to be excess excavation by the Engineer shall be removed under pay item 203-G: Excess Excavation. Object markers at bridge approaches and other locations shall be replaced as shown in the attached table. Removal of object markers shall be absorbed in the cost of other items bid.

### Permanent Signs

Permanent signs as listed on the attached tables shall be replaced. Unless otherwise listed in the attached tables, existing posts, anchors, angles/bars, and other components shall be reused. The Contractor shall use new bolts, screws, washers, nuts, etc. of the required sizes in the installation of signs. If required as part of the sign replacement activities, all post, pipe, and I-beam lengths

in these plans are estimated. Post lengths for all signs shall be verified in the field by the Contractor prior to fabrication. Installation dates shall be clearly written in bold black markings on the back bottom half off all signs with a permanent marking stick that is waterproof, fade resistant, and marks on wet or dry surfaces. The removal of damaged signs shall be absorbed in the price of other items bid. All existing signs which are to be removed as a part of this project that are not in conflict with construction shall remain in place until new signs are installed unless noted or directed otherwise by the Project Engineer.

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### **Radar Detection Systems**

All existing vehicle loop assemblies in the attached table shall be replaced with radar detection systems with the exception of the West Bound Approach at US 80. The Contractor shall replace all three (3) detection loops for the WB approach (6' x 50' QUAD). The cost of loop tails shall be cost absorbed. The vehicle loop assemblies shall be replaced at this location only. Removal of existing loop assemblies shall be absorbed into other items bid. The existing EPAC Controllers shall be replaced with new controllers. Existing EPAC controllers are to be salvaged to MDOT Signal Shop (601-359-1454). Contractor shall be responsible for transferring existing controller data to the new controllers. Radar units shall be mounted per manufacturer recommendations. Contractor shall be responsible for setting up all new signal controllers and detection units to communicate with MDOT Network via existing network switch in each signal cabinet. MDOT shall provide the IP addresses. Contractor may remove existing detection loop cable, if necessary.

### **Traffic Control**

The Contractor shall erect and maintain construction signing and provide all signs and traffic control devices necessary to safely maintain traffic around and through the work areas in accordance with the Traffic Control Plan and the MUTCD. The cost shall be included in the price bid for pay item 618-A: Maintenance of Traffic. Fluorescent orange sheeting shall be used on all construction and traffic control signs except those designated in the plans to be black legend and border on white background.

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.

On a daily basis, the Contractor shall 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 shall be included in the prices of other items bids. 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.

Temporary asphalt joints (aka paper joints) shall be employed at all locations requiring traffic to traverse an uneven, transverse, pavement joint. Paper joints shall be a minimum of nine feet (9') in length and for the full width of the milled/paved surface. Paper joints for 1" OGFC joints shall be a minimum of three feet (3') in length. Paper joints shall be adequately maintained.

Potholes that may exist or occur in the existing pavement shall be patched in a timely manner as required. Patching of potholes shall be considered an absorbed item.

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### Miscellaneous Notes

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 by the Contractor during the life of the contract. No payment will be made for replacement or repair of damaged items.

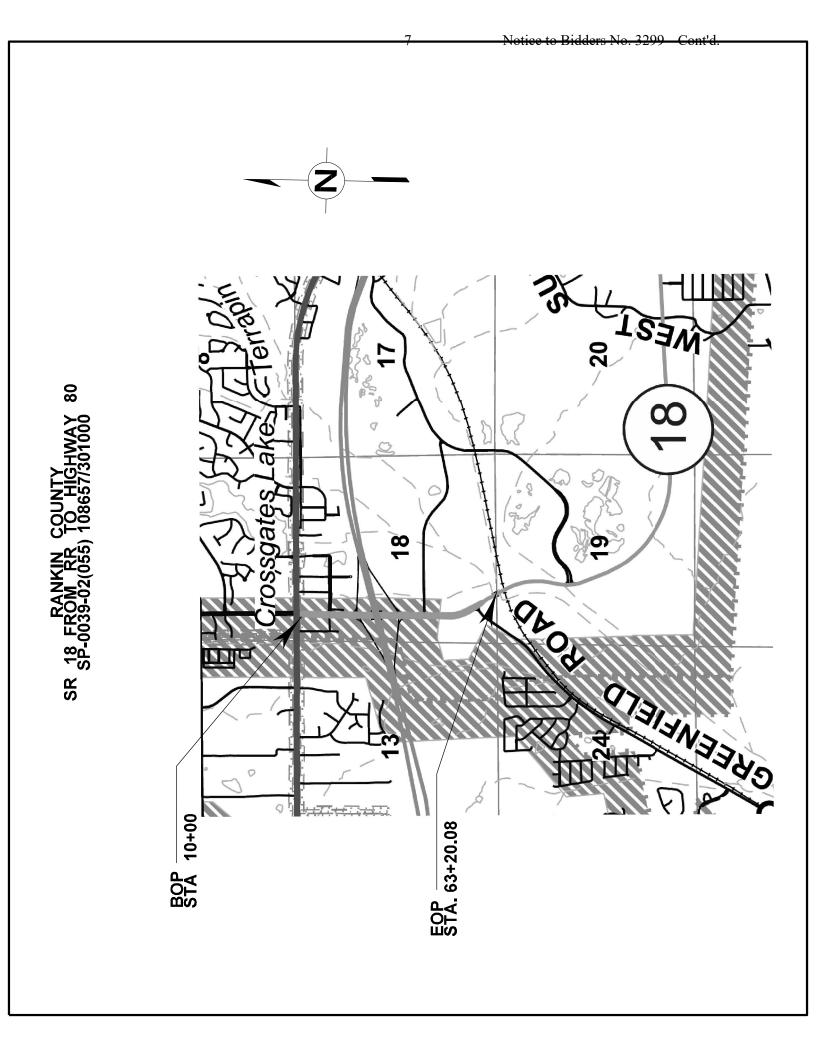
Any signs that are in conflict with construction of this project shall be removed and relocated by the Contractor as directed by the Engineer; the cost of which shall be absorbed in other items bid.

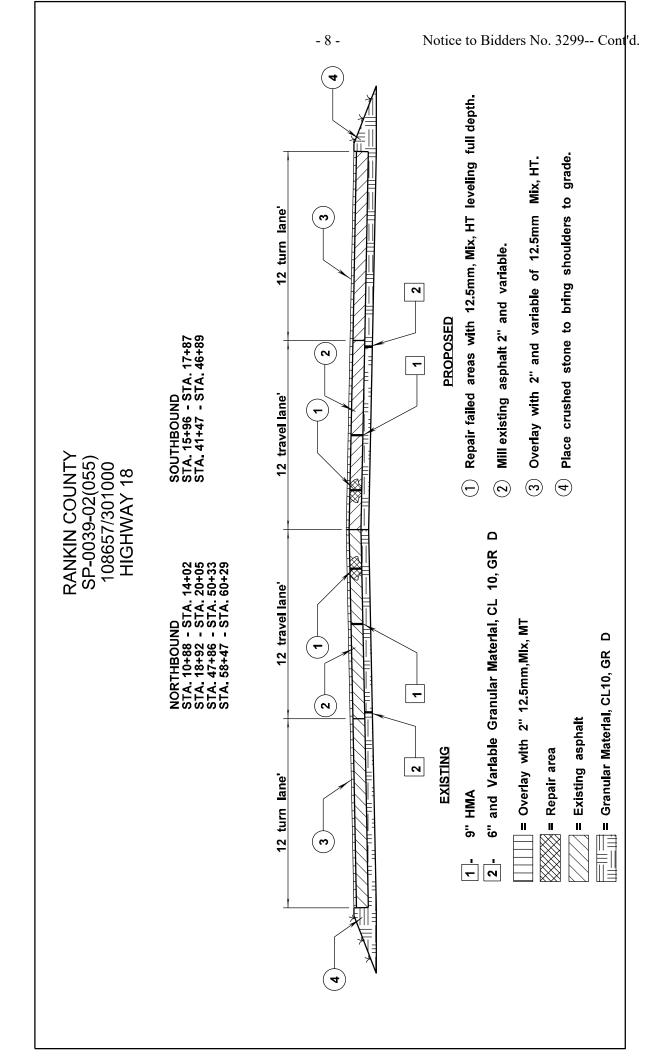
Removal of existing raised pavement markers shall be included in the prices for other items bid.

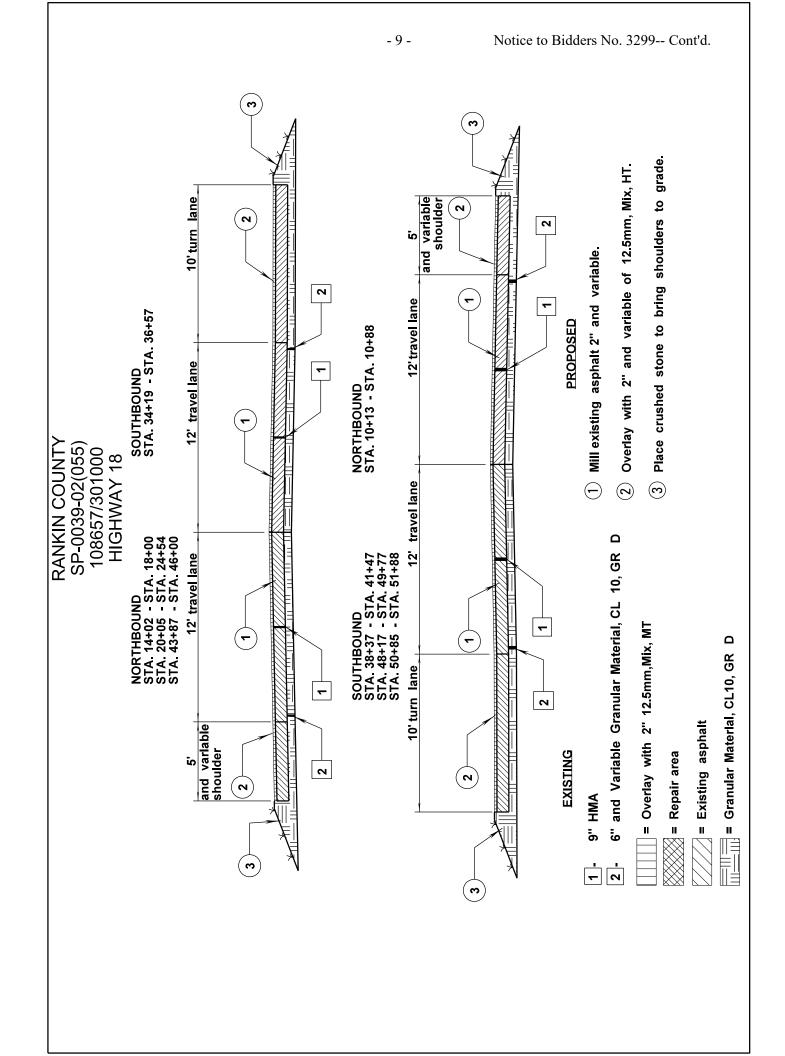
Incidental work such as removing vegetation, shaping and compacting shoulders, removing and resetting signs and/or mailboxes, removing excess asphalt material, project clean-up, and other items of incidental work necessary to complete the project will not be measured for separate payment and will be considered included in the prices of items bid.

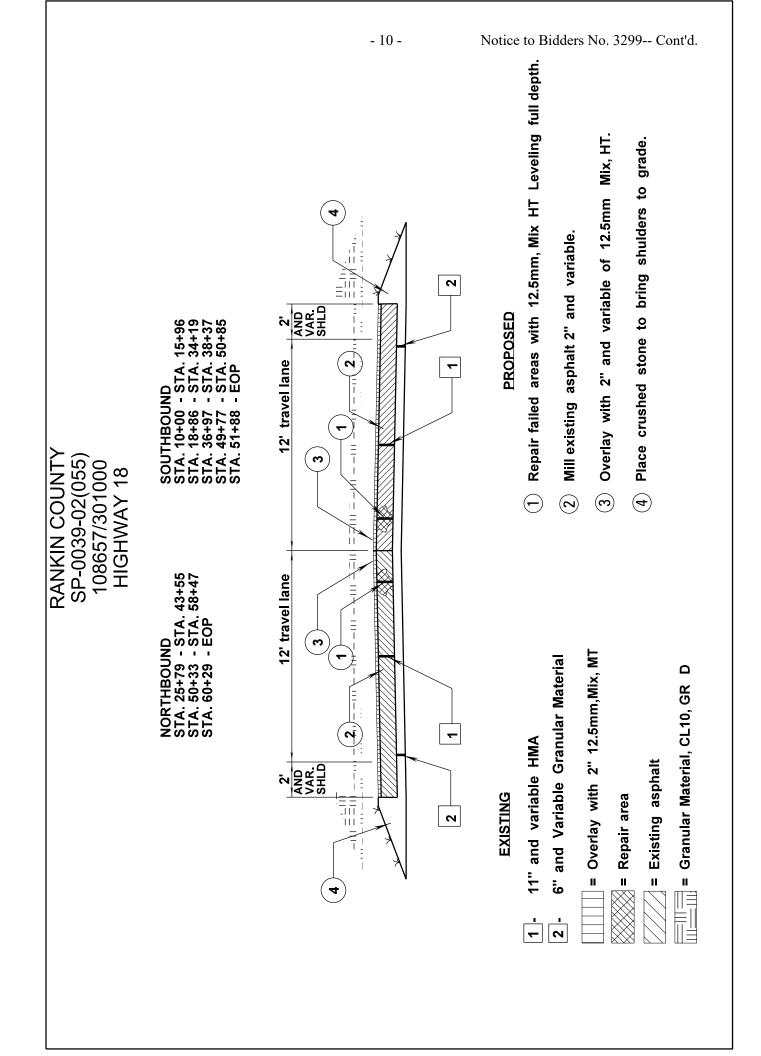
Temporary portable rumble strips, paid for under pay item 907-619-B, shall be used in accordance with detail shown. These rumble strips shall be retained by the Department upon completion of the project. The rumble strips shall be delivered to the MDOT Whitfield Maintenance Yard, 3769 Highway 468, Pearl, MS 39208.

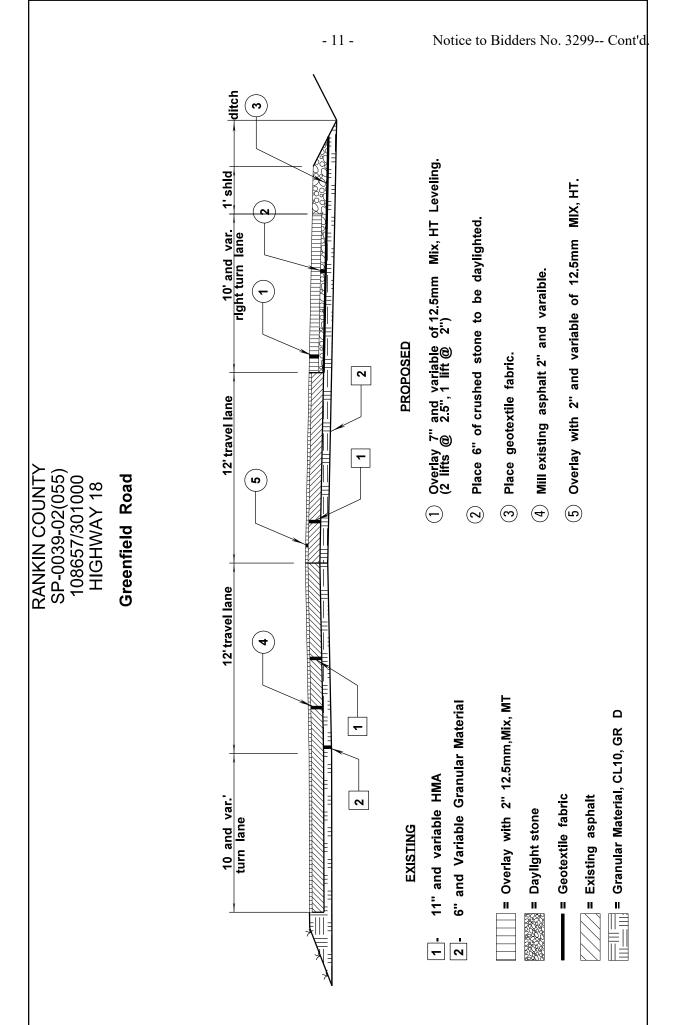
Bridges shall be swept off and cleaned at the end of the project to remove any existing debris plus any debris accumulated from construction activities. The sweeping and cleaning of the bridges shall be absorbed into other items bid.











3P-0039-02(055) 108657/301000	Rankin County
SP-0039-(	

		619-D2001 Standard Roadside Construction Signs (10 Sq. Ft. or More)	instruction Si	gns (10 Sq	
STATION	LOCATION	DESCRIPTION	QUANTITY	UNIT	REMARKS
	US 80	Road Work Ahead	10	SF	Crossgates Blvd
	08 SN	Road Work Ahead	16	SF	Crossgates Blvd
	08 SN	Road Work Ahead	16	SF	500' West of SR 18
	US 80	Road Work Ahead	16	SF	500' East of SR 18
	SR 18	Road Work Ahead	16	SF	Disotell Blvd
	SR 18	Road Work Ahead	16	SF	Gray Daniels Blvd
	SR 18	Road Work Ahead	16	SF	I20 NE Ramp
	SR 18	Road Work Ahead	16	SF	I20 SW Ramp
	SR 18	Road Work Ahead	16	SF	Boyce Thompson Dr
	SR 18	Road Work Ahead	16	SF	Orleans Way
	SR 18	Road Work Ahead	16	SF	Elizabeth Lane
	SR 18	Road Work Ahead	16	SF	Buckingham Dr
	SR 18	Road Work Ahead	16	SF	Greenfield Rd
	SR 18	Road Work Ahead	16	SF	81 AMH
	TOTAL		218	R	
	619	619-D1001 Standard Roadside Construction Signs (Less than 10 Sq. Ft. )	struction Sig	ns (Less th	ian 10 Sq. Ft. )
Station	Location	Description	Quantity	Unit	Remarks
	Crossgates Blvd	End Road Work	8	SF	500' West of BOP (LLL)
	Crossgates Blvd	End Road Work	8	SF	500' West of BOP (RLL)
70+00	SR 18	End Road Work	8	SF	500' East of EOP
	TOTAL		24	SF	
		619-G4001 Barricades, Type III, Double Faced	s, Type III, Do	uble Faced	
	Location	Station	Quantity	Unit	Description
	RT	500' East of EOP	9	LF	Mounted on G20-1
	LT	500' East of EOP	6	LF	Mounted on G20-2
	TOTAL		12	Ц	
		619-G4005 Barricades, Type III, Single Faced	s, Type III, Sii	ngle Faced	
	Location	Station	Quantity	Unit	Description
	LT	500' West of BOP	9	ΓF	Mounted on G20-1
	RT	500' West of BOP	6	Ę	Mounted on G20-2
	TOTAL		12	5	

SP-0039-02(055) 108657/301000 Rankin County

		1			Re	emoval of As	phalt Faile	Removal of Asphalt Failed Areas, All Depths		
Location	STA	to	STA	Length (ft)	Width (ft)	Location STA to STA Length (ft) Width (ft) Saw Cuts (ft) Area (SY)	Area (SY)	Estimated Asphalt Reg. (TONS)	Estimated Excess	REMARKS
RRL	37+00			50	12	74	66.667	45.000	22.22	22.22 NW Ramp
LRL	58+25			20	20	60	44.444	30.000	14.81	
RRL	37+00			50	12	112	66.667	45.000	22.22	
				To	Total	246	177.778	120.000	59.259	
* Failed a	reas ma	d ۷۴	e adju:	sted at the	descretior	* Failed areas may be adjusted at the descretion of the Engineer.	eer.			

						GUARD RAI	GUARD RAIL QUANTITIES					
		GUARDRAIL		Non-Flared	Flared	BRIDGE	BRIDGE END SECTION	DELINE	DELINEATORS		REMOVAL ITEMS	
				TERMINAL	TERMINAL	ТҮРЕ "Н"	TYPE "G"			Type 3		REMARKS
STATION	(W-BEAM)	TRANS. SECT.	THRIE BEAM	END	END			WHITE	YELLOW	Object Markers	GUARDRAIL	
	(LF)	(EA)	(LF)	SECTION	SECTION	(EA)	(EA)					
29+47	137.5				1	1		7		1	200	RRL
29+47	137.5				1	1			7	1	200	LRL
32+50	137.5				1	7		7		1	200	LLL
32+50	137.5				1	1			7	1	200	RLL
63+00	0			٢			1	4		1	62.5	LL
62+25	12.5			٢			1	5		1	75	LL
65+15	0			~			1	4		~	37.5	RL
64+65	0			£			4	4		4	62.5	RL
TOTAL =	562.5	0	0	4	4	4	4	31	14	8	1037.5	
	L.F.	EA.	LF.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF.	
* ALL TERMII	NAL END SEC	ALL TERMINAL END SECTIONS ARE 37.5'										
* REMOVAL (	OF ALL GUARI	REMOVAL OF ALL GUARDRAIL (BRIDGE END SECTIONS, W-BEAM, TYF	D SECTIONS, W-B	EAM, TYPE-I C/	ABLE ANCHOI	RAGE, TERMINAL EN	2: CABLE ANCHORAGE, TERMINAL END SECTIONS, ETC.) WILL BE PAID UNDER PAY ITEM 202-B REMOVAL OF GUARD RAIL.	3E PAID UNDEF	R PAY ITEM 200	2-B REMOVAL OF GU	ARD RAIL.	
* REMOVAL (	OF GUARDRAI	REMOVAL OF GUARDRAIL DELINEATORS ARE CONSIDERED INCIDENT	RE CONSIDERED		O THE REMOV	/AL OF GUARDRAIL /	AL TO THE REMOVAL OF GUARDRAIL AND WILL NOT BE MEASURED AS A SEPARATE PAY ITEM.	₹ED AS A SEP	ΝΑΤΕ ΡΑΥ ΙΤΕ	.M.		
*REMOVAL C	JF OBJECT M₽	<b>ARKERS WILL NOT</b>	BE MEASURED A	S A SEPARATE	PAY ITEM AS	*REMOVAL OF OBJECT MARKERS WILL NOT BE MEASURED AS A SEPARATE PAY ITEM AS SHALL BE ABSORBED IN OTHER ITEMS	ED IN OTHER ITEMS					

			<b>TRAFFIC SI</b>	TRAFFIC SIGNAL RADAR DETECTION CHART	DETECTION (	CHART				
Intersection	Detection Zone Location	Phase #	Detection Zone Size	STOPBAR Radar Units	Advance Radar Unit	Radar Cable (ft)	Radar Cable Vehicle Loop (ft) (LF)	IP Address	Existing Controller Type	Existing Pole Configuration
						Ð		Controller		
						θ		10.135.12.99	Existing M34	
MS 18 at US 80						Ð		Detection 10.135.12.103	Controller	Mast Arm Poles
	NB Left Turn/Thru Lanes	3	6'X50'			Ð	456		kequirea)	
	SB Left Turn Lane	4	6'X50' 6'Y50'	1		300		Controller	Evicting M34	
MS 18 at Gray Daniels	NB Left Turn Lane	വ	6'X50'	7		7		Detection	Controller (New	
Blvd	NB Thru Lanes	2	6'X50'	ļ		071		10.135.12.104	Controller	Mast Arm Poles
	WB Left Turn/Thru Lanes	3	6'X50'	1		240			Required)	
	EB Left Turn/Thru Lanes	4	6'X50'	1		35				
	SB Thru Lanes	9	6'X50'	1		115		Controller 10.135.12.79	Existing M50 Controller FI0	
MS 18 at I-20 WB Ramp NB Left Turn Lane	NB Left Turn Lane	5 FYA	6'X50'	-		230		Detection	Firmware (New	steel strain Poles Snanwire
	NB Thru Lanes	2	6'X50'	- ,		002		10.135.12.105	Controller	
	WB Left Turn/Thru Lanes	4	6'X50'	1		40			Required)	
	SB Left Turn Lane Sb Thru Lanes	1	6'X50'	1		200		Controller 10.135.12.95	Existing M50 Controller FI0	
MS 18 at I-20 EB Ramp		2	6'X50'	1		200		Detection 10.135.12.106	Firmware (New Controller	steel strain Poles Spanwire
	EB Left Turn/Thru Lanes	4	6'X50'	1		300			Required)	
	SB Left Turn Lane	1	6'X50'	t		240		Controller		
	SB I nru Lanes NB I off Turn I and	о u	6.X50'					10.135.12.80 Detection	EXISTING M34 Controller (New	
MS 18 at Orleans Way		5	6'X50'	-		55		10.135.12.107	Controller	Mast Arm Poles
	WB Left Turn/Thru Lanes	с	6'X50'	1		06			Required)	
	EB Left Turn/Thru Lanes	4	6'X50'	1		250				
	SB Left Turn Lane	1	6'X50'	٢		115		Controller		
	SB Thru Lanes	6	6'X50'	-		2		10.135.12.89	Existing M34	
MS 18 at Greenfield	NB Left Turn Lane	5	6'X50'	1		115		Detection	Controller (New	Mast Arm Poles
Road	NB Thru Lanes	2	6'X50'			-		10.135.12.108	Controller	
	WB Left Turn/Thru Lanes	ς, ·	6'X50'	,,		230 <del></del> -			Required)	
	EB Left   urn/ I hru Lanes	4	.09X.9	;	ſ	c				
			Total	18	0	2950	456			

108657301000	: RANKIN
PROJECT NO.	COUNTY:

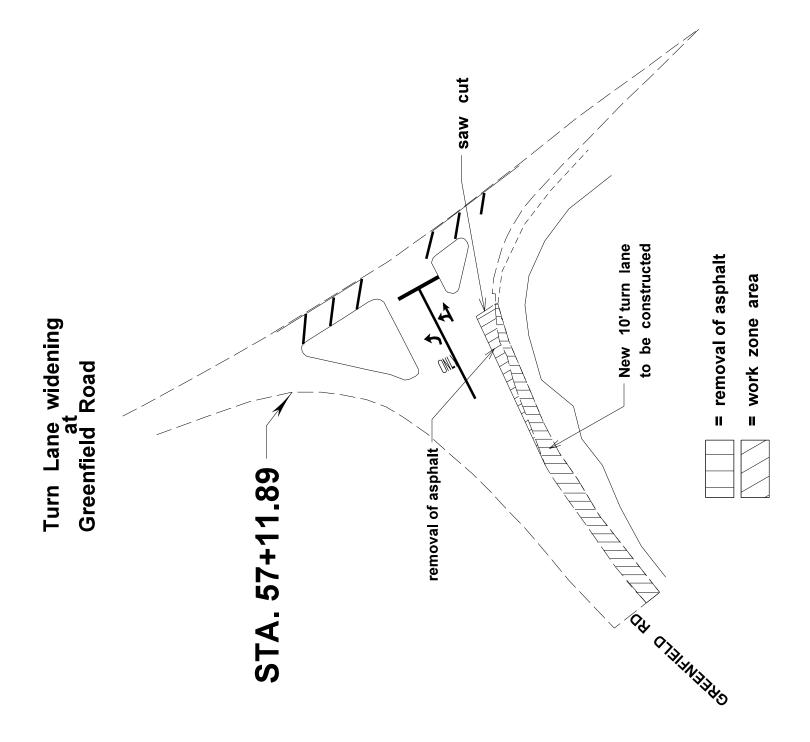
							-	-	- 1	6 -	-	-		No	tice	to	Bid	der	s No. 3299	)
		REMARKS	RRL	RRL	RRL, leaning														ns bid.	
	Class "B"	Conc (cy)																0.00	d in other iten	
CKNESS	(7/16" x 2-1/2") BARS	3.72 lbs/lf																	*Signs attached to pipe post shall be mounted on the existing post and footing, removal of existing signs shall be absorbed in other items bid.	
STANDARD ROADSIDE SIGNS - 0.080" THICKNESS	U POST (If)	3 lb/ft	11.00	11.00	11.00													33.00	of existing	
IGNS - 0	0d N	2 lb/ft																0.00	moval c	
<b>DSIDE S</b>		5"																0.00	ooting, re	
ARD ROA	STS (If)	4"																0.00	ost and fi	
STAND/	PIPE POSTS (If)	3-1/2"																0.00	existing po	
		3"																0.00	l on the	
	AREA	(sf)	2.00	4.00	6.25													12.250	e mountec	
	SIZE	(in. x in.)	24" x 12"	24" x 24"	30"x30"													set =	e post shall b	
	SIGN	NUMBER	M3-1	M1-5	R3-7R													Total this sheet =	ached to pip	
		STATION	11+90	11+90	44+00														<sup>*</sup> Signs atta	

Notice to Bidders No. 3299-- Cont'd.

											- 1	7-			0110	ce t	0 E	<b>S</b> 10	aer	S IN	0.	325	19	- U	ont'
			REMARKS	RRL, Wrong Way, sign only	LRL	LRL, same post as W1-6R																			
		Class "B"	Conc (cy)																					0.00	ed in other
301000 IN	DARD ROADSIDE SIGNS - 0.125" THICKNESS	(7/16" x 2-1/2") BARS	3.72 lbs/lf																						*Signs attached to pipe post shall be mounted on the existing post and footing, removal of existing signs shall be absorbed in other items bid.
PROJECT NO. 108657301000 COUNTY: RANKIN	SIGNS - 0	U POST (If)	2 lb/ft 3 lb/ft	11.00	22.00																			33.00	l of existir
ECT NO. COUNT	ADSIDE	U PO	2 lb/ft																					0.00	. remova
PROJ	DARD RO		5"																					0.00	l footing,
	STANI	PIPE POSTS (If)	4"																					0.00	post anc
		PIPE PC	3-1/2"																					0.00	existing
			<b>"</b> г																					0.00	ed on th€
		AREA	(sf)	8.75	8.00	5.00																		21.75	e mount
		SIZE	(in. x in.)	42"x30"	48"x24"	24"x30"																		set =	e post shall b
		SIGN	NUMBER	R5-1a	W1-6R	R6-2R																		Total this sheet =	iched to pip
			STATION	33+87	53+72	53+72																		Tc	*Signs atta

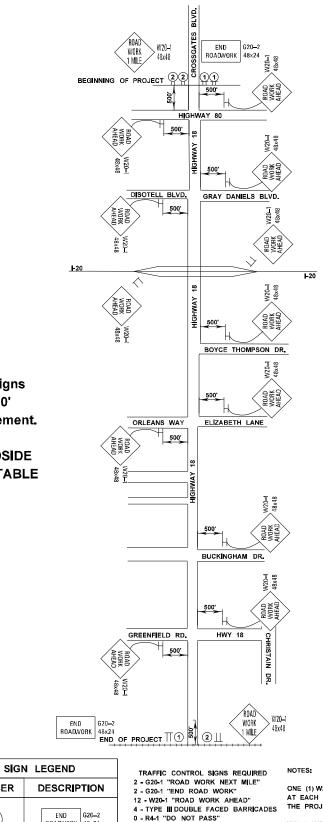
- 17 -

Notice to Bidders No. 3299-- Cont'd.



### RANKIN COUNTY 108657/301000 SR18 FROM RR TO HWY80<sup>to Bidders No. 3299-- Cont'd.</sup>

### CONSTRUCTION SIGN DETAIL



LOCAL ROADS

\* Road Work Ahead signs are to be placed 500' back from edge of pavement.

SEE STANDARD ROADSIDE CONSTRUCTION SIGN TABLE FOR LOCATIONS

- 0 R4-2 "PASS WITH CARE" 0 W14-3 "NO PASSING ZONE"

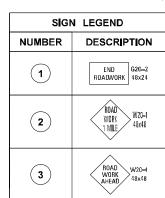
ONE (1) W20-1 "ROAD WORK AHEAD SIGN IS REQUIRED AT EACH LOCAL ROAD, STREET, OR HIGHWAY ENTERING THE PROJECT.

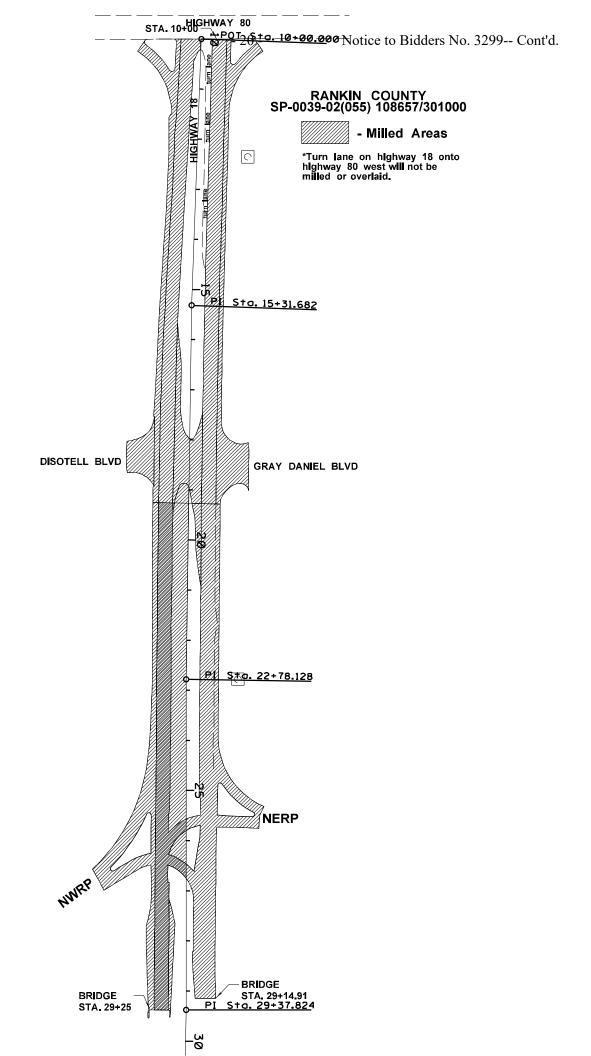
W20-1 AND G20-2 SIGNS MOUNTED ON TYPE III DOUBLE FACED BARICADES ON THE MAINLINE AT SOUTH END OF THE PROJECT

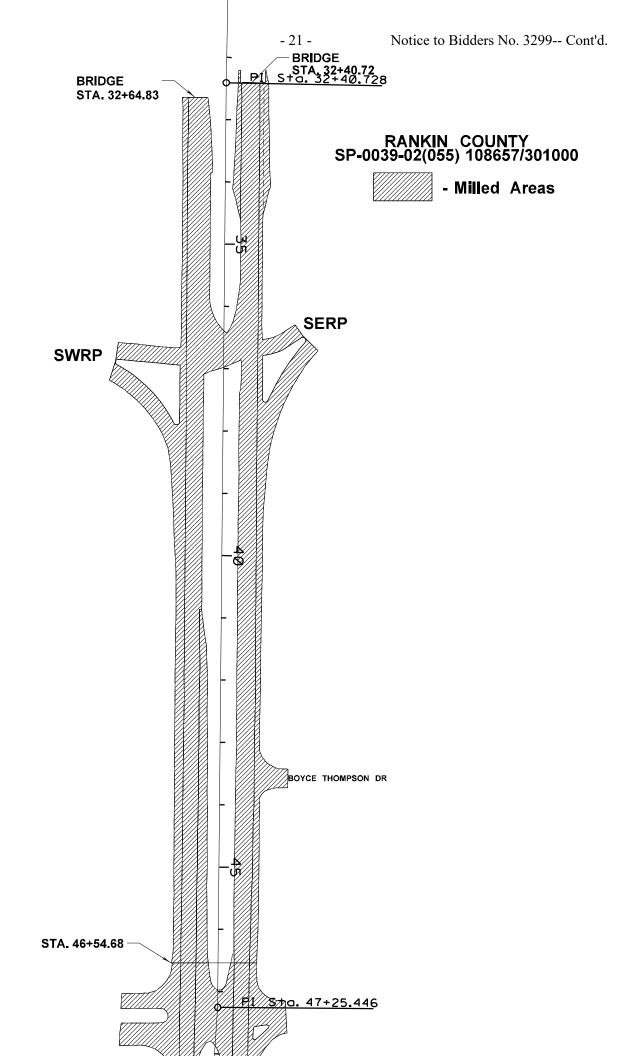
W20-1 AND G20-2 SIGNS MOUNTED ON TYPE III SINGLE FACED BARICADES ON THE NORTH END OF THE PROJECT.

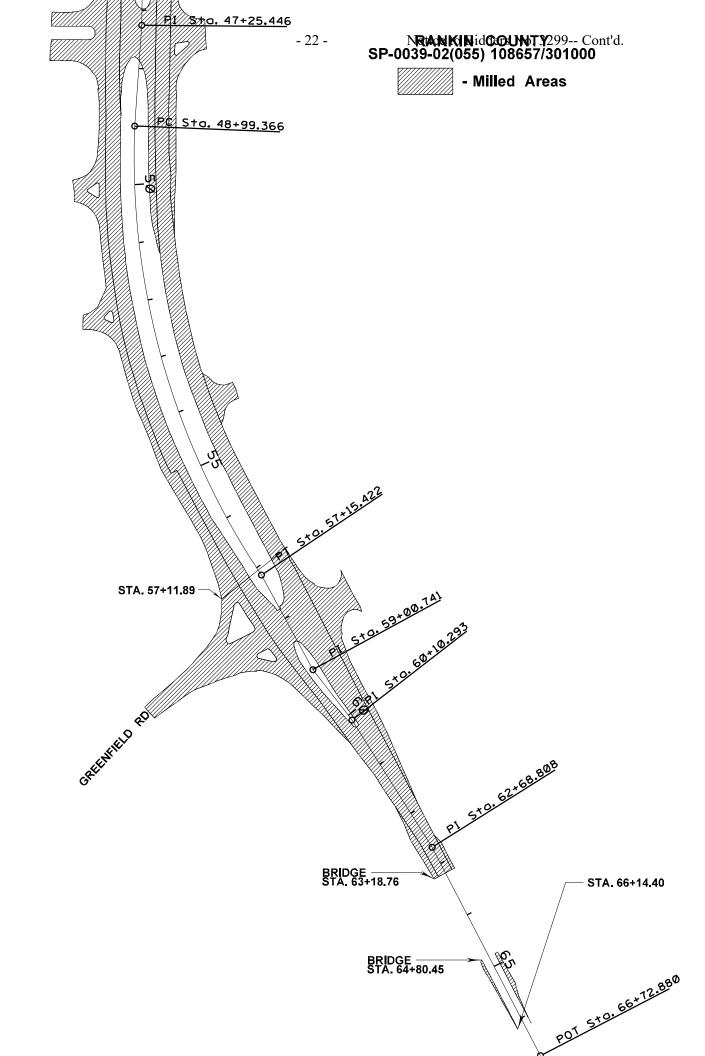
FIELD CONDITIONS MAY REQUIRE SOME SIGNS ON THIS DETAIL TO BE ADJUSTED.

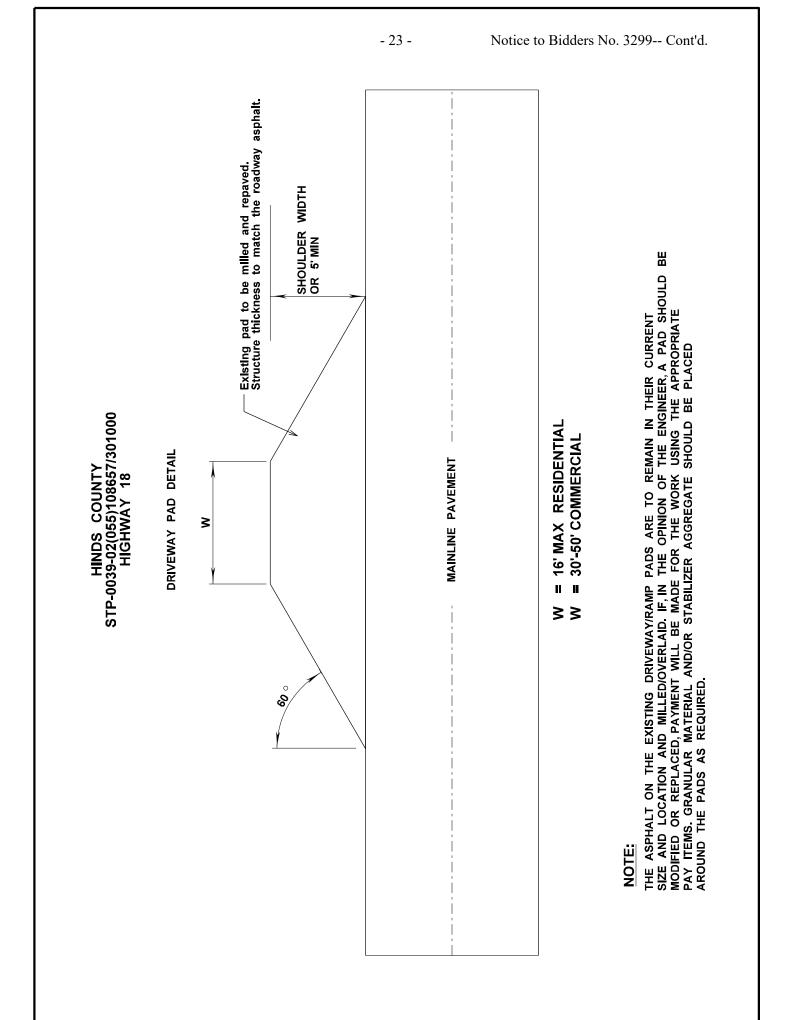
THE ABOVE SHOWN ITEMS WILL BE PAID UNDER THE APPROPRIATE PAY TEMS.



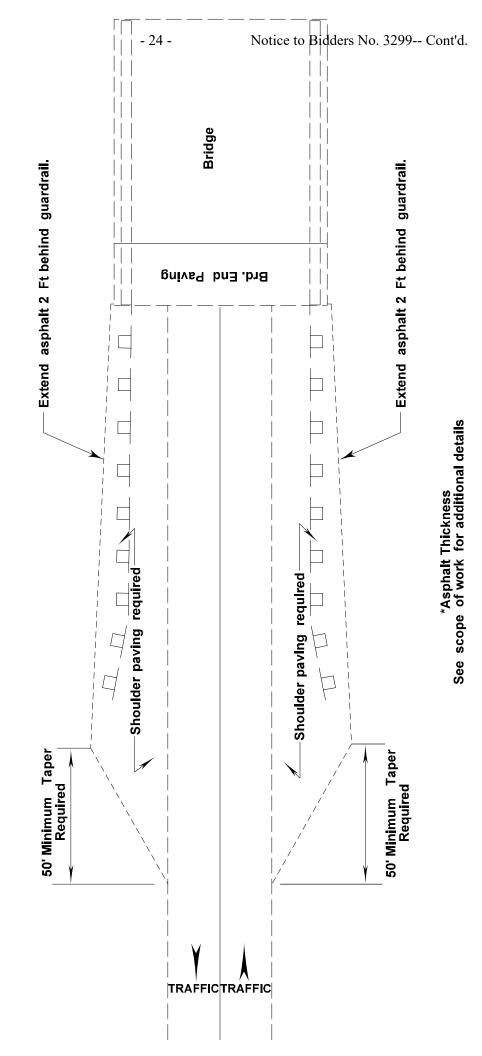






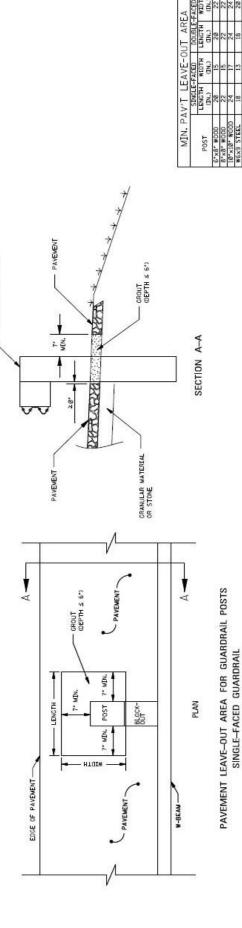


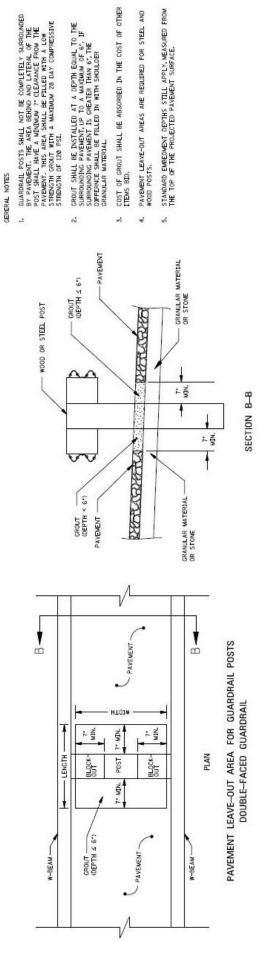
RANKIN COUNTY SP-0039-02(055) 108657/301000 TYPICAL DETAIL OF ADDITIONAL SHOULDER PAVING REQUIRED AT GUARDRAIL LOCATIONS



<b>Guardrail Post Installation in Paved</b>	Areas
rdrail Post Installatior	Paved
rdrail Post Installatior	.⊆
rdrail Post Ins	
g	nst
g	Post I
Guard	rail
$\sim$	Guard

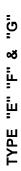
WOOD OR STEEL POST

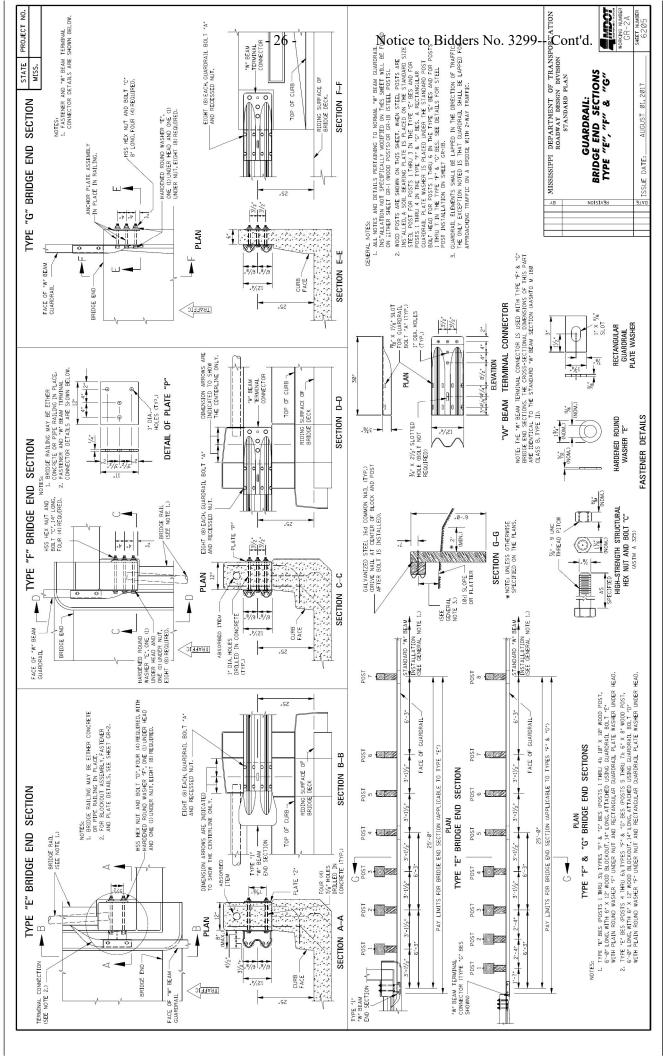






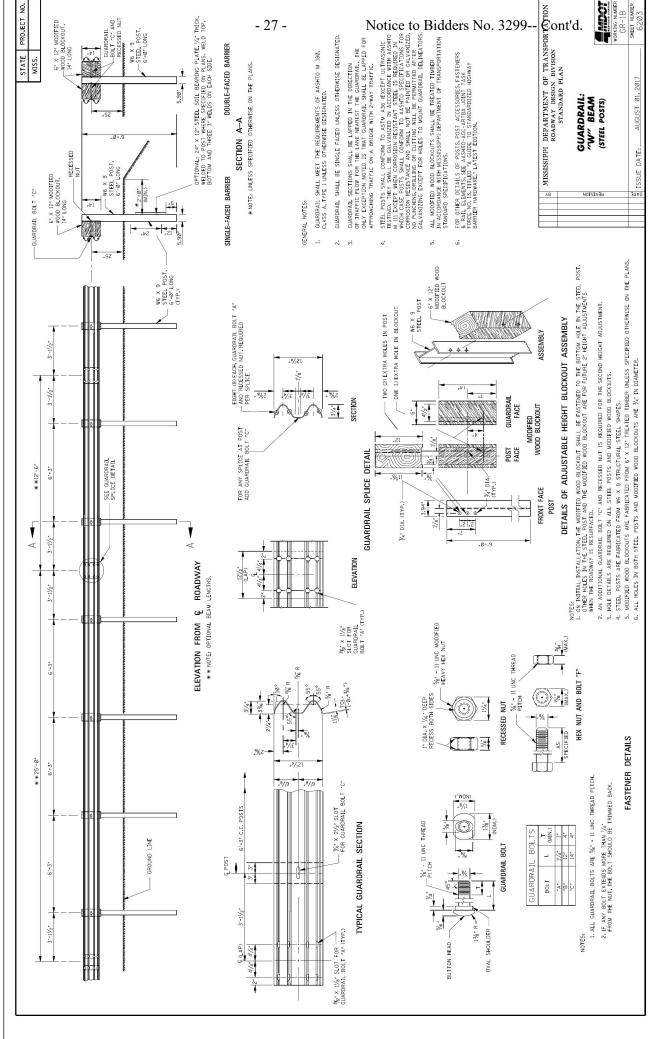
# GUARDRAIL: BRIDGE END SECTION

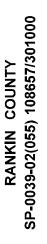




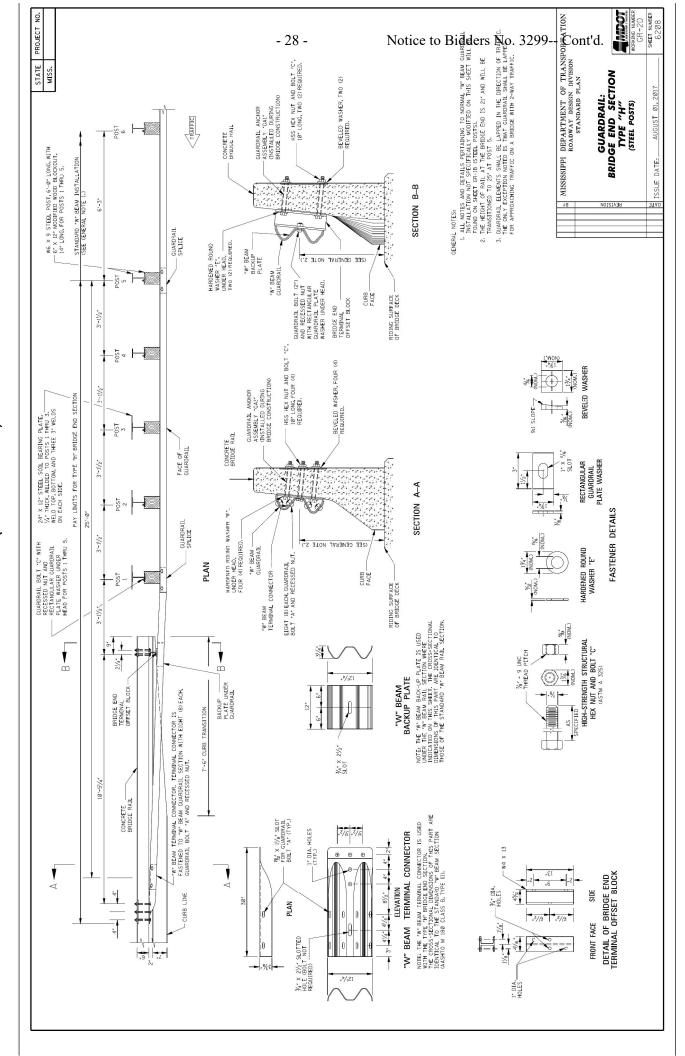
RANKIN COUNTY SP-0039-02(055) 108657/301000

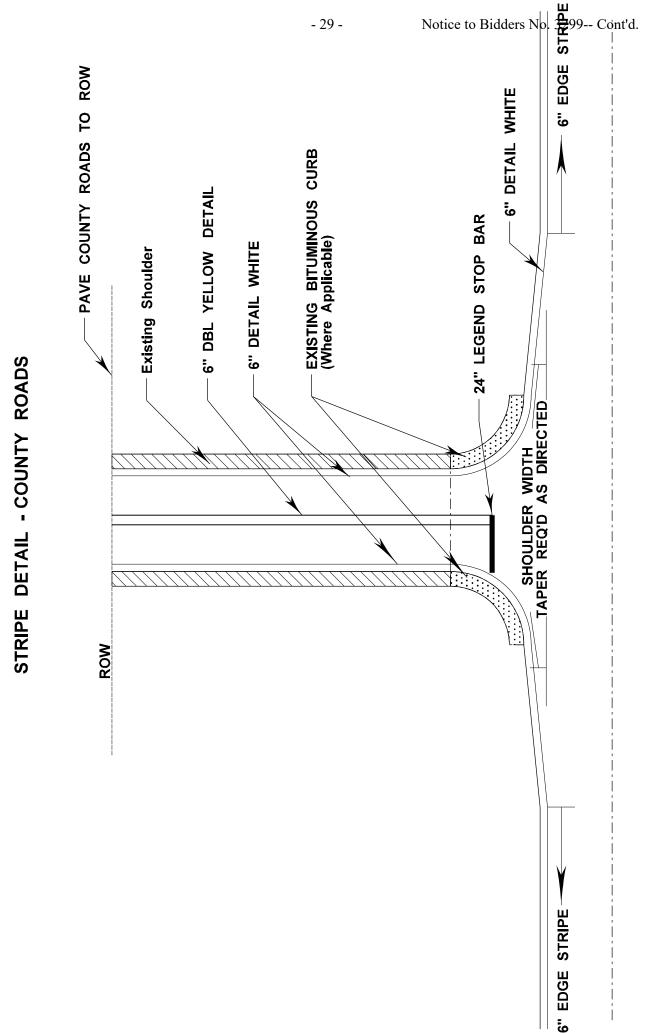
### GUARDRAIL: "W" BEAM (STEEL POST)





## GUARDRAIL: BRIDGE END SECTION TYPE "H" (STEEL POSTS)





RANKIN COUNTY SP-0039-02(055) 108657/301000