

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> 4/15/2024 </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 NTB No. 5727; 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.

STBG-0024-03(016)/ 108658301000, STBG-0024-03(016)/ 108658302000, CC-9999-09(360)/ 109306301000 & CC-9999-09(360)/ 109306302000

Leake, Neshoba, Leake & Neshoba County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5727

CODE: (SP)

DATE: 04/15/2024

SUBJECT: Scope of Work

PROJECT: STBG-0024-03(016) / 108658301 & 302 -- Leake & Neshoba Counties &
CC-9999-09(360) / 109306301 & 302 -- Leake & Neshoba Counties

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".

A general description of the work required on the project is to mill and overlay approximately 6.7 miles of SR-16 in Leake County, and reconstructing approximately 6.5 miles of existing pavement on SR 16 in both Leake and Neshoba Counties beginning at the end of the four-lane section East of Carthage (BOP Station 71+10) and ending 0.5 Miles East of Neshoba County Line (EOP Station 765+30).

The following equations are referenced on this project:

$$\begin{array}{ll} 234+74 \text{ BK} = 241+78 \text{ AH} & +704 \text{ feet} \\ 379+39 \text{ BK} = 379+42 \text{ AH} & +3 \text{ feet} \end{array}$$

Details of specific work are mentioned in the following sections.

Leake County Station 71+10 (BOP) to Station 421+63

Prior to beginning the milling and overlay operations, any failed areas in the existing pavement shall be removed full depth (7½" to 9½") and variable, and repaired with full depth with 12.5-mm, MT, Leveling asphalt. Other repairs may be necessary as field conditions require and as directed by the Engineer. After failures have been repaired, the travel lanes, paved shoulders, local roads, and driveway pads shall be milled to a depth of 2" and variable with intent to correct the cross slope to 2% in the tangent sections. The milled area shall be overlaid with 2" of 12.5-mm, MT asphalt as per the attached typical sections. All local intersecting roads shall be milled to the End of Maintenance.

Leake County Station 421+63 to Station 739+30 (EOP) and Neshoba County Station 739+30 (BOP) to Station 765+30 (EOP)

The existing structure shall be milled to a 2" depth, perform full depth reclamation to a 12" depth, place 3/8" bituminous surface treatment course, overlay with 2" of 12.5-mm, MT asphalt, and overlay with 1½" of 9.5-mm, MT asphalt (payment for this lift shall be made under project 108658301 and 302 respectively).

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 pavement after the milling operations.

The reclaimed asphalt pavement (RAP) material removed by the milling operation shall become the property of the Contractor.

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. Superelevation through curves shall be maintained as it currently exists or improved as directed. Where slope correction is required correction will be made by milling, paving, or combination thereof as directed by the Engineer. Milling correction: Mill outside edge of pavement to a depth of 1½” on a 2% slope towards the centerline. Paving Correction: Mill to depth of 1½” on existing slope and overlay with 2¼” and variable on centerline and 1½” of asphalt on outside edge. Combination Method: Combination of both methods as directed by the Engineer to achieve the desired slope. In super elevated areas where correct SE exist milling will transition to thickness through curves. Where correct SE does not exist milling will transition at curves to correct SE as directed by the Engineer.

Milling operations shall be performed in accordance with the Contract documents and the 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 done in simultaneous path with main line milling.

Traffic will be allowed to travel on the mainline milled surface for five (5) days, and the Contractor will be assessed a penalty of **\$5,000.00** per calendar day afterwards until the mainline milled surface is covered with the next lift of asphalt. Additionally, traffic will be allowed to run on all milled surfaces other than the mainline for 30 days unless otherwise stated, and the Contractor will be assessed a penalty of **\$1,000.00** per calendar day afterwards until the non-mainline milled surface is covered with the next lift of asphalt. The additional allowance for the non-mainline milled surface is for the Contractor’s convenience, and thus, the Contractor is responsible for any pavement failures or damage sustained during this period.

Paving

Per Subsection 401.02.3.2, the asphalt mix design shall be submitted to the Engineer at least 10 working days **prior** to its proposed use.

Prior to mainline milling and paving operations, failed areas in the existing pavement shall be removed and backfilled with 12.5-mm, MT, Leveling asphalt as per the attached typical sections

and details. Asphalt shall be placed in multiple lifts with a maximum lift thickness of 3". Any granular base or subgrade material deemed unsuitable by the Engineer shall be removed as directed and backfilled with 12.5-mm, MT, 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.

If traditional excavation methods are used, the removal area shall first be saw cut full depth including concrete, where applicable, to create a neat line and prevent damage to the adjacent pavement structure. Payment for saw cuts will be made using the appropriate items. If milling techniques are used, the area will not require saw cuts but care should be exercised 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 pay item 503-C: Saw Cut. Payment will not be made for saw cuts that are not performed.

Work shall be conducted and coordinated in a manner to prevent a longitudinal joint of more than 2¼". Adjacent lanes and shoulders shall be brought up to grade as required to prevent drop-offs and as specified in Subsection 618.03.3. Payment for milling, leveling, and granular shoulder work will be made using the appropriate pay items. Uneven Lanes signs shall be used as required and as shown on the MDOT Standard Drawings.

The surface lift for failed area repair or concrete punchout repair shall have a maximum deviation of 3/8" as determined by a 10-foot straight edge. Any location that deviates more than this tolerance, as determined by the Engineer, shall be corrected at no additional cost to the State.

Publicly maintained roads and streets should 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.

Bituminous curb shall be placed at local roads and driveways as per the attached tables. All bituminous curb shall require two coats of white traffic paint with beads in the top coat to be applied. All costs for painting will be included into the other items bid.

Crushed Stone Shoulder Material

Where applicable the existing shoulders are to be raised to match the new pavement elevation by placing variable depth crushed stone on the existing shoulders. Placement of the crushed stone on the finished asphalt course shall not be permitted. The material shall be bladed, rolled, and compacted to a finished slope of four percent (4%). 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%).

The cost of blading will be an absorbed item and all costs should be included in the price of other pay items bid. Crushed concrete will not be an acceptable material to be used for shoulder material.

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 2¼" shall be corrected within two (2) calendar days of the placement of the pad.

Contractor shall on a daily basis, pull shoulder material up to edge of asphalt pavement.

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.

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 ensure 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.

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.

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

Rumble strip will be placed throughout the project limits in accordance with the attached details and MDOT Standard Drawings.

Permanent raised pavement markers shall be installed on mainline and local public roads after completion of all paving operations. Edge line RPM's shall be installed as per Design Drawing RPM-1. If the usable space outside of the traffic stripe is insufficient to install the RPM's as per Design Drawing RPM-1, then the Contractor shall be allowed to install the outside edge of the RPM flush with the inside edge of the traffic stripe.

Payment for edge stripe on local roads shall be made under pay item 626-G004: Thermoplastic Double Drop Detail Stripe, White when the length of said stripe is less than 150 feet when measured from the end of the radius. If the measured length is greater than 150 feet, then payment shall be made under pay item 626-B002.

Payment for centerline stripe on local roads shall be made under pay item 626-G005: Thermoplastic Double Drop Detail Stripe, Yellow when the length of said stripe is less than 150 feet when measured from the stop bar. If the measured length is greater than 150 feet, then payment shall be made under pay item 626-E001. Centerline Stripe shall be omitted on local roads whose width is less than 20 feet.

The face of all existing undisturbed bituminous curbs shall be painted with at least two coats of white traffic paint with glass beads being required in the top coat. The cost associated with the painting of new or existing curb shall be included in other items bid.

The face of all existing, painted, concrete islands shall be painted with at least two coats of white traffic paint with glass beads being required in the top coat. The cost associated with the painting of new or existing curb shall be included in other items bid.

Guardrail

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 compacted in accordance with Section 203 of the Standard Specifications.

The asphalt guardrail pad shall be milled and paved up to the face of the guardrail. The remaining asphalt guardrail pad behind the face of the guardrail shall be removed and shall be paid for using the milling pay item. The guardrail pad shall be reconstructed using crushed stone granular material and shall be a minimum of 4" in depth. If blading is required in order to meet the minimum depth, then said blading shall be an absorbed item and the excavated material shall be retained and used to raise the existing shoulder to match the new pavement elevation. 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. Prior to the placement of the crushed stone, a soil sterilant shall be applied as per Subsection 616.03.2 and Geotextile Stabilization, Type V, Non-Woven installed underneath the limits of the crushed stone. The installed guardrail shall meet all requirements in order to be MASH compliant.

Guardrail lengths are based on terminal end length of 37.5'. If terminal of length other than this is used, an adjustment in w-beam length is required.

All dimensions and spacings for bridge rail connectors shall be verified in the field by the Contractor prior to fabrication.

Delineators shall be required on all new guardrails within the project, as per attached tables. The cost of removal shall be included in the price of pay item 202-B: Removal of Guardrail, Including Rails, Posts, and Terminal End.

Guardrail at station 495+97 shall require application of a long span guardrail system as shown in the detail sheets attached. Any materials, hardware and work items associated with this system shall be included in pay item 606-B003: Guard Rail, Class A, Type 1, 'W' Beam, Metal Post and pay item 606-E007: Guard Rail, Terminal End Section, Non-Flared.

Permanent Signs

Permanent signs as listed on the attached tables shall be replaced. Unless otherwise listed in the attached tables, existing posts, anchors, angles/bolts, and other components are to be reused. The Contractor shall use new bolts, screws, washers, nuts, etc. of the required sizes in the installation of signs. New signs shall be installed on the same day the existing sign is removed. 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. If existing sign posts or footings are to be replaced, the existing posts and footings shall be removed and the area backfilled and compacted in accordance with Section 203 of the Standard Specifications. Costs of removal of sign, post, and footing and backfilling will be included in other items bid.

Object markers at bridge approaches and other locations shall be replaced as shown in the attached table. Removal of object markers shall be included in the cost of other items bid.

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.

The Contractor shall on a daily basis, remove all debris and equipment 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 items bid. 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.

Potholes that may exist shall be patched in a timely manner from the date of Notice to Proceed until the date of the Final Maintenance Release. Patching of potholes shall be considered an absorbed item.

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') (three paper widths) in length and for the full width of the milled/paved surface. Paper joints shall be adequately maintained.

Temporary portable rumble strips, as described in Special Provision No. 907-619, shall be used in advance of each lane closure. Direct payment will not be made for this item and shall be considered included in pay item 618-A: Maintenance of Traffic.

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, mailboxes, etc. that are in conflict with construction of this project shall be removed and relocated by the Contractor as directed by the Engineer. Any costs accrued by these conflicts shall be included 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. Cost for incidental work will be included in the prices of items bid.

Prior to the final inspection, bridges, islands, and areas with curb shall be swept/cleaned. Care should be taken to prevent milled asphalt, asphalt debris, vegetative/granular debris, etc. from entering drainage structures or clogging other drainage ways. Disposal of material will not be measured for separate payments.

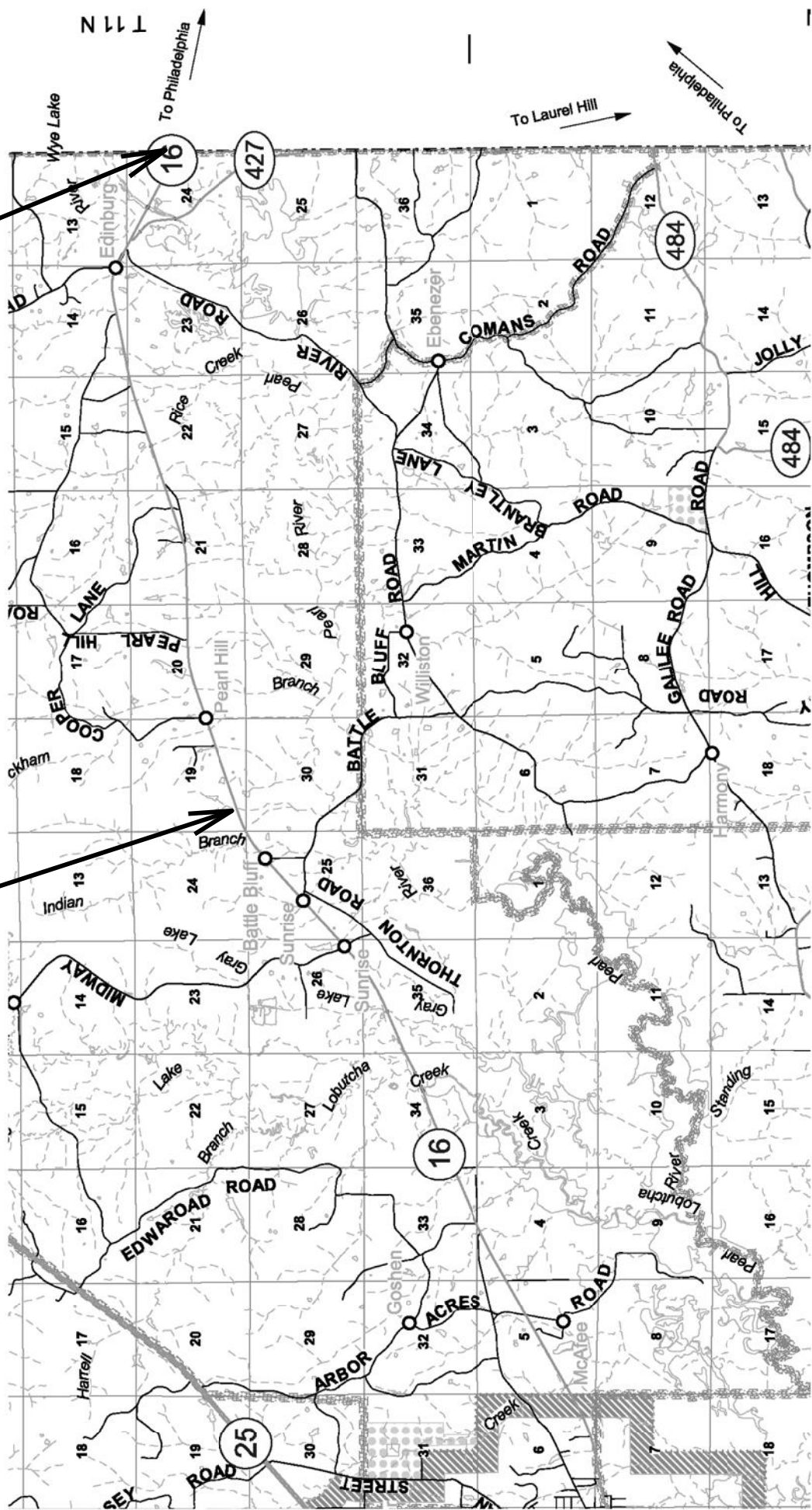
Flowable fill (612-B001 Flowable Fill, Non-Excavatable) shall be placed under bridge approaches in order to fill voids. Locations are shown in, but not limited to, the attached tables.

All existing joints on Bridges 111.8, 114.8, 115.5, 121.1, 122.8, and 123.3 shall be removed and replaced with preformed joint seal. Appropriate bid items necessary to complete construction of new joints will be provided except the removal of existing joints material which will be included in pay item 907-808-A002: Joint Repair. All material, labor, and equipment required for epoxy mortar mix shall be included in pay item 907-808-A002: Joint Repair.

**SR16 FULL DEPTH RECLAMATION
 FROM LANE MILE 19.7 TO NESHOBA COUNTY LINE
 LEAKE COUNTY
 109306/301000**

BOP 421+63

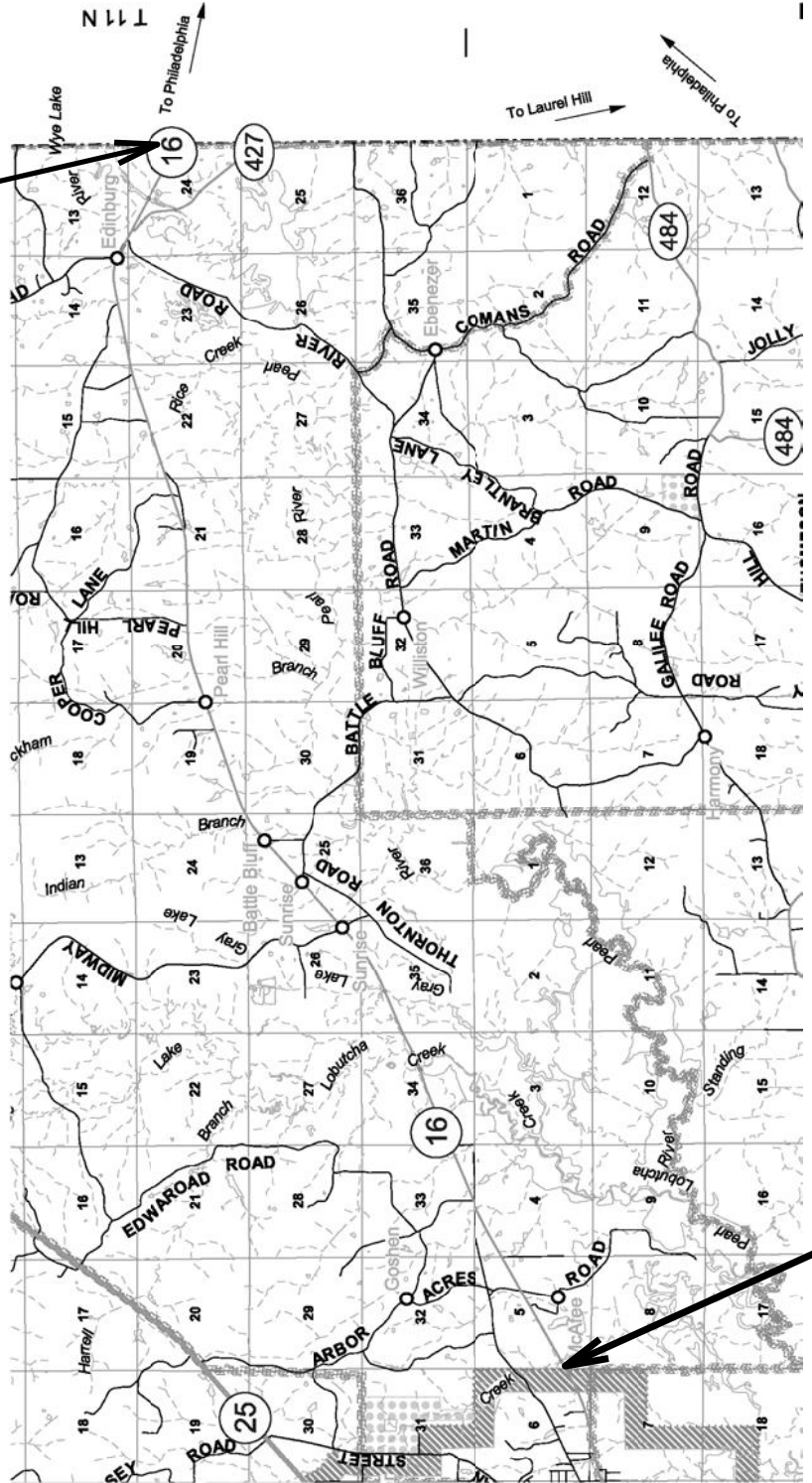
EOP 739+30



**SR16 OVERLAY
FROM CARTHAGE TO NESHOBA COUNTY LINE
LEAKE COUNTY
108658/301000**

**Equations: 234+74BK = 241+78AH +704 Feet
379+39BK = 379+42AH +3 Feet**

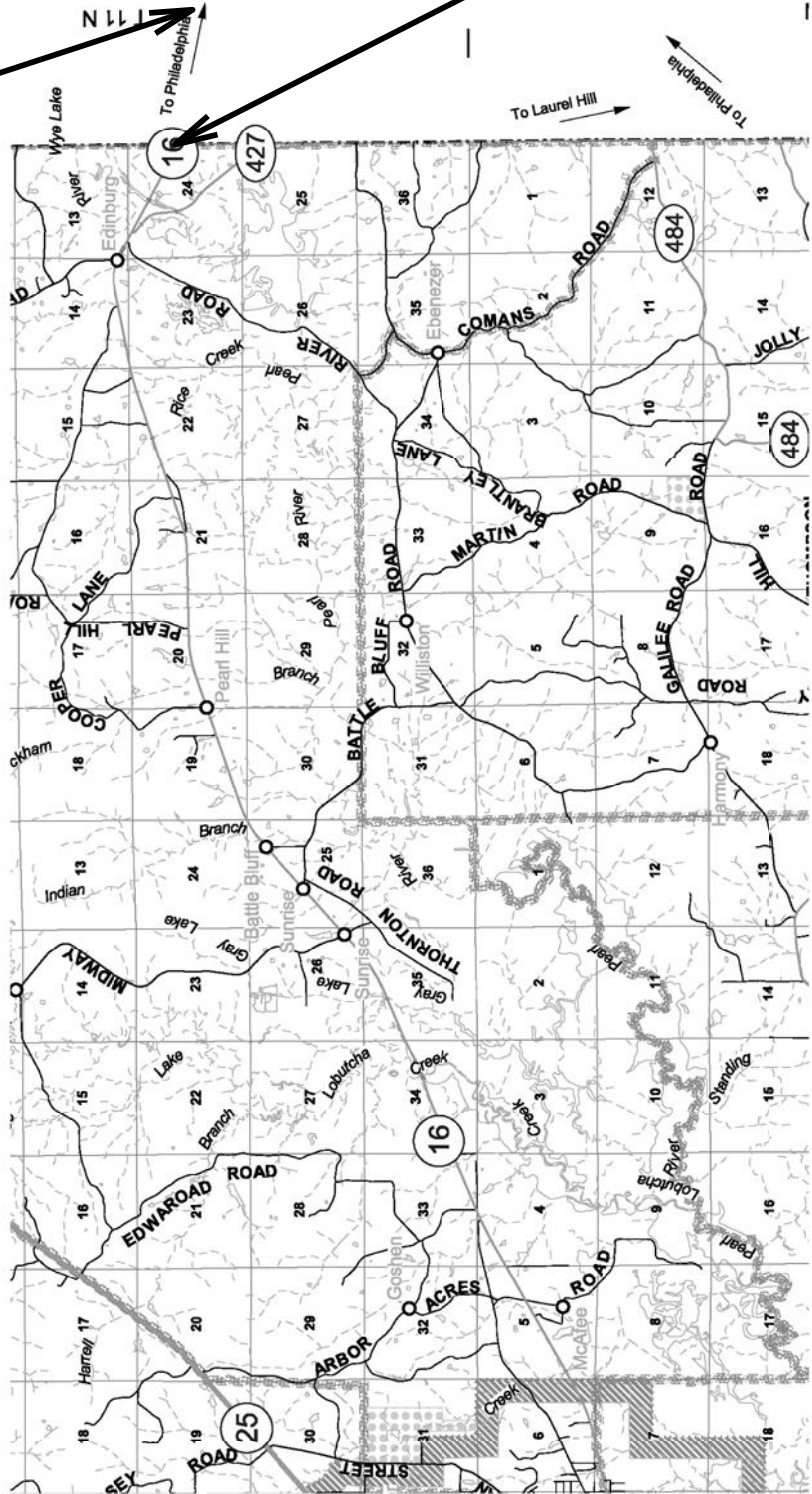
EOP 739+30



BOP 71+10

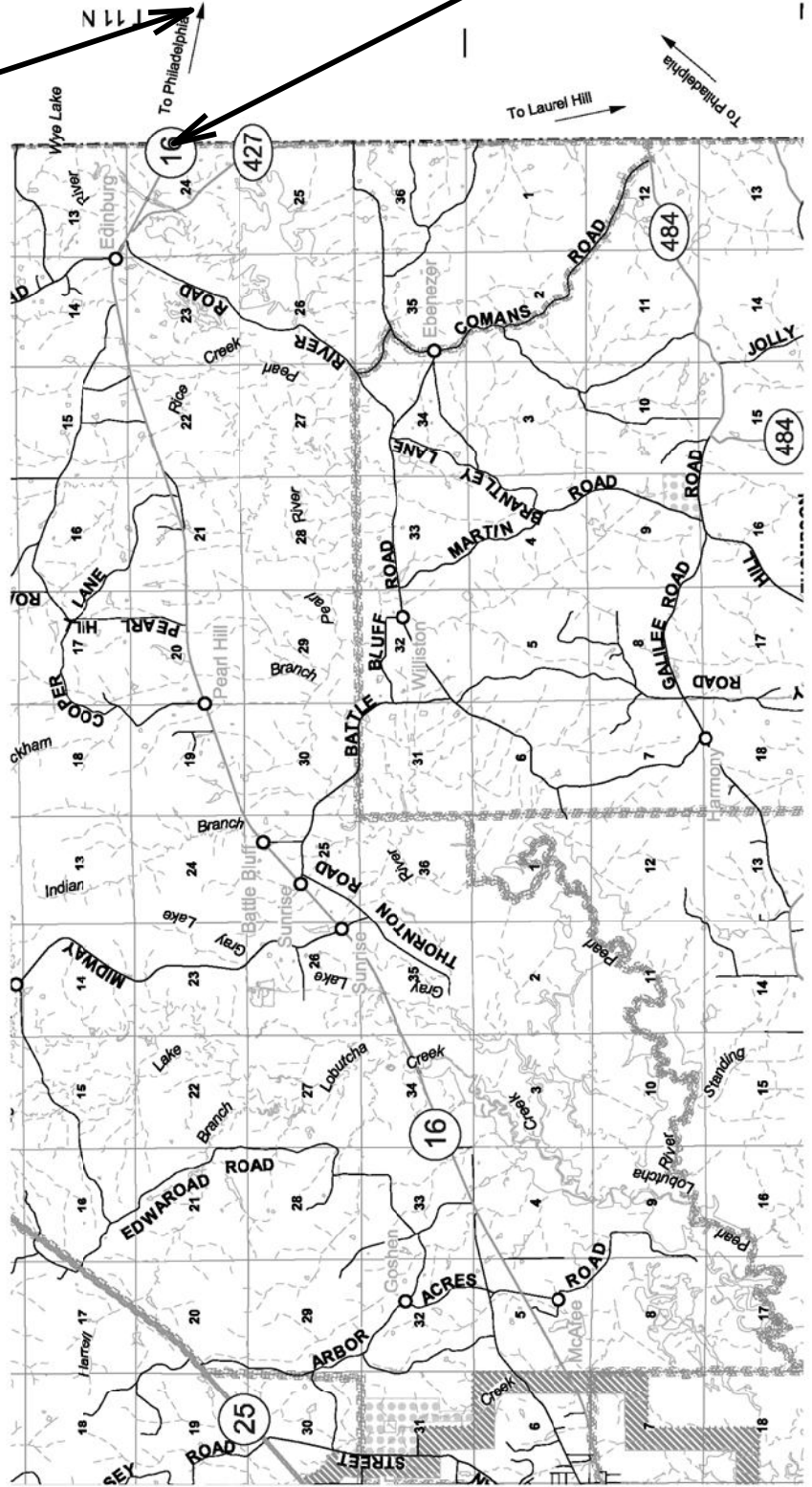
**SR 16 FULL DEPTH RECLAMATION
 FROM NESHOBA COUNTY LINE TO 1/2 MILE E
 OF NESHOBA COUNTY LINE
 NESHOBA COUNTY
 109306/302000**

EOP 765+70 **BOP 739+30**



**SR 16 OVERLAY
 FROM NESHOBA COUNTY LINE TO 1/2 MILE E
 OF NESHOBA COUNTY LINE
 NESHOBA COUNTY
 108658/302000**

EOP 765+70 **BOP 739+30**



STATE	MISS	PROJECT NO.	STBG-0024-03(016)
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- ① 64 LF to be used for saw cutting flumes
- ② 520 CY to be used for Guard Rail Pads

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	LEAKE : 108658-301000	
			Prelim	Final
202-B009	Removal of Asphalt Pavement, Failed Areas	SY	747	
202-B014	Removal of Bituminous Curb	LF	1,914	
202-B063	Removal of Concrete Paved Ditch	SY	644	
202-B158	Removal of Guard Rail, Including Rails, Posts and Terminal Ends	LF	5,855	
202-B240	Removal of Traffic Stripe	LF	5,543	
203-G001	Excess Excavation, FM, AH	CY	53	
221-A001	Concrete Paved Ditch	CY	10	
304-D002	Granular Material, Crushed Stone	TON	5,386	
403-A002	12.5-mm, MT, Asphalt Pavement	TON	15,327	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	11,958	
403-B002	12.5-mm, MT, Asphalt Pavement, Leveling	TON	154	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	133,259	
407-A001	Asphalt for Tack Coat	GAL	18,562	
423-A001	Rumble Strips, Ground In	MI	24	
503-C010	Saw Cut, Full Depth	LF	1,069	
605-AA001	Geotextile for Subsurface Drainage, Type III	SY	2,773	
606-B003	Guard Rail, Class A, Type 1, 'W' Beam, Metal Post	LF	5,030	
606-D009	Guard Rail, Bridge End Section, Type C	EA	4	
606-D020	Guard Rail, Bridge End Section, Type H, Metal Post	EA	8	
606-D023	Guard Rail, Bridge End Section, Type I, Metal Post	EA	12	
606-E007	Guard Rail, Terminal End Section, Non-Flared	EA	44	
609-E001	Bituminous Curb	LF	1,914	
612-B001	Flowable Fill, Non-Excavatable	CY	51	
618-A001	Maintenance of Traffic	LS	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	54	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	27	
619-A4002	Temporary Traffic Stripe, Skip Yellow	MI	19	
619-A5001	Temporary Traffic Stripe, Detail	LF	8,875	
619-A6002	Temporary Traffic Stripe, Legend	LF	1,366	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	1,485	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	20	
619-G4001	Barricades, Type III, Double Faced	LF	24	
620-A001	Mobilization	LS	1	
626-B002	6" Thermoplastic Double Drop Traffic Stripe, Continuous White	MI	28	
626-D001	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow	MI	10	
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	MI	13	
626-G004	Thermoplastic Double Drop Detail Stripe, White	LF	4,437	
626-G005	Thermoplastic Double Drop Detail Stripe, Yellow	LF	2,140	
626-H002	Thermoplastic Double Drop Legend, White	LF	683	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	3,706	
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	EA	1,846	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	2	
630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF	153	
		SF	7	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

PROJ NO: STBG-0024-03(016)
 COUNTY: LEAKE

Working Number
 SQ-1

Sheet Number
 1

FILENAME: 108658/301000
 Design Team Checked Date

STATE	PROJECT NO.
MISS	STBG-0024-03(016)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	LEAKE : 108658-301000	
			Prelim	Final
630-B002	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted	SF	26	
630-C001	Square Tube Posts, 4.0 lb/ft	LF	20	
630-C005	Square Tube Posts, 2.0 lb/ft	LF	230	
630-F006	Delineators, Guard Rail, White	EA	209	
630-G004	Type 3 Object Markers, OM-3R or OM-3L	EA	44	
907-808-A002	Joint Repair	LF	3,730	
907-823-A001	Performed Joint Seal, Type I	LF	1,865	
907-823-B001	Saw Cut, Type I	LF	3,730	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
PROJ NO: STBG-0024-03(016)	Working Number: SQ-2
COUNTY: LEAKE	Sheet Number: 2
FILENAME: 108658/301000	Date
Design Team	Checked

STATE	MISS
PROJECT NO.	STBG-0024-03(016)

SUMMARY OF QUANTITIES (SHEET 1)


PAY ITEM NO.	PAY ITEM	UNIT	NESHOBA : 108658-302000	
			Prelim	Final
202-B014	Removal of Bituminous Curb	LF	191	
304-D002	Granular Material, Crushed Stone	TON	25	
403-A002	12.5-mm, MT, Asphalt Pavement	TON	28	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	1,012	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	338	
407-A001	Asphalt for Tack Coat	GAL	803	
423-A001	Rumble Strips, Ground In	MI	1	
609-E001	Bituminous Curb	LF	191	
618-A001	Maintenance of Traffic	LS	1	
619-A1001	Temporary Traffic Stripes, Continuous White	MI	2	
619-A2001	Temporary Traffic Stripes, Continuous Yellow	MI	2	
619-A4002	Temporary Traffic Stripes, Skip Yellow	MI	2	
619-A5001	Temporary Traffic Stripes, Detail	LF	242	
619-A6002	Temporary Traffic Stripes, Legend	LF	83	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	18	
620-A001	Mobilization	LS	1	
626-B002	6" Thermoplastic Double Drop Traffic Stripe, Continuous White	MI	1	
626-D001	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow	MI	1	
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	MI	1	
626-G004	Thermoplastic Double Drop Detail Stripe, White	LF	242	
626-G005	Thermoplastic Double Drop Detail Stripe, Yellow	LF	132	
626-H002	Thermoplastic Double Drop Legend, White	LF	39	
627-3001	Two-Way Clear Reflective High Performance Raised Markers	EA	77	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	33	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
PROJ NO: STBG-0024-03(016)	Working Number: SQ-1
COUNTY: NESHOBA	Sheet Number
FILENAME: 108658/302000	2
Design Team	Checked
Date	

STATE	MISS
PROJECT NO.	CC-9999-09(360)

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	LEAKE : 109306-301000	
			Prelim	Final
202-B259	Removal of and Replacement of Mailboxes	EA	17	
203-G001	Excess Excavation, FM, AH	CY	3,020	
304-D002	Granular Material, Crushed Stone	TON	2,407	
403-A002	12.5-mm, MT, Asphalt Pavement	TON	11,959	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	108,713	
407-A001	Asphalt for Tack Coat	GAL	8,169	
907-410-A002	Asphalt for Surface Treatment, Grade CRS-2P	GAL	30,440	
907-410-B002	Seal Aggregate Cover Material, Size 89, Limestone	CY	1,100	
907-424-A001	Roadbed Reclamation with Cement	SY	54,358	
907-424-B001	Cement	TON	1,553	
907-425-A001	Roadbed Reclamation with Emulsified Asphalt	SY	54,358	
907-425-B001	Emulsified for Roadbed Reclamation	GAL	295,931	
618-A001	Maintenance of Traffic	LS	1	
619-D3001	Remove and Reset Signs, All Sizes	EA	2	
620-A001	Mobilization	LS	1	
699-A001	Roadway Construction Stakes	LS	1	

	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	
PROJ NO: CC-9999-09(360) COUNTY: LEAKE	Working Number: SQ-1 Sheet Number: 2
FILENAME: 109306/301000 Design Team	Checked Date

STATE	MISS
PROJECT NO.	CC-9999-09(360)

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	NESHOBA : 109306-302000	
			Prelim	Final
203-G001	Excess Excavation, FM, AH	CY	228	
304-D002	Granular Material, Crushed Stone	TON	385	
403-A002	1.25-mm, MT, Asphalt Pavement	TON	994	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	9,034	
407-A001	Asphalt for Tack Coat	GAL	678	
907-410-A002	Asphalt for Surface Treatment, Grade CRS-2P	GAL	2,530	
907-410-B002	Seal Aggregate Cover Material, Size 89, Limestone	CY	166	
907-424-A001	Roadbed Reclamation with Cement	SY	4,519	
907-424-B001	Cement	TON	129	
907-425-A001	Roadbed Reclamation with Emulsified Asphalt	SY	4,519	
907-425-B001	Emulsified for Roadbed Reclamation	GAL	901	
618-A001	Maintenance of Traffic	LS	1	
620-A001	Mobilization	LS	1	
699-A001	Roadway Construction Stakes	LS	1	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
Revision	
PROJ NO: CC-9999-09(360)	Working Number
COUNTY: NESHOBA	SQ-1
FILENAME: 109306/302000	Sheet Number
Design Team	1
Checked	Date

SR 16 OVERLAY & RECONSTRUCTION

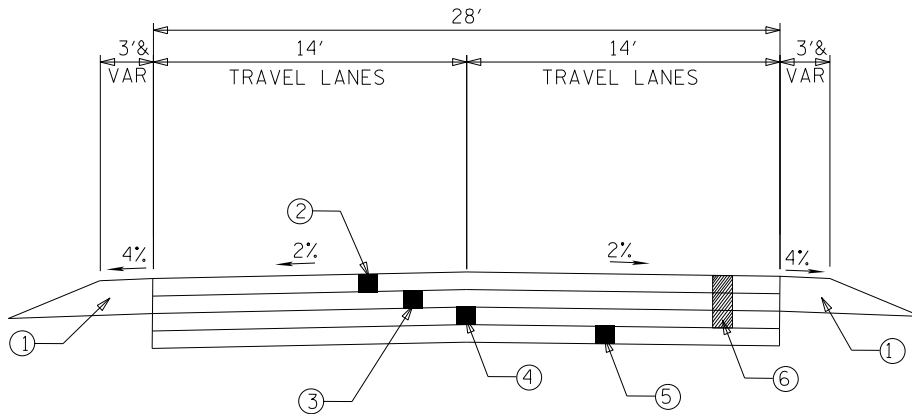
LEAKE & NESHOPA COUNTY

109306/301000

109306/302000

108658/302000

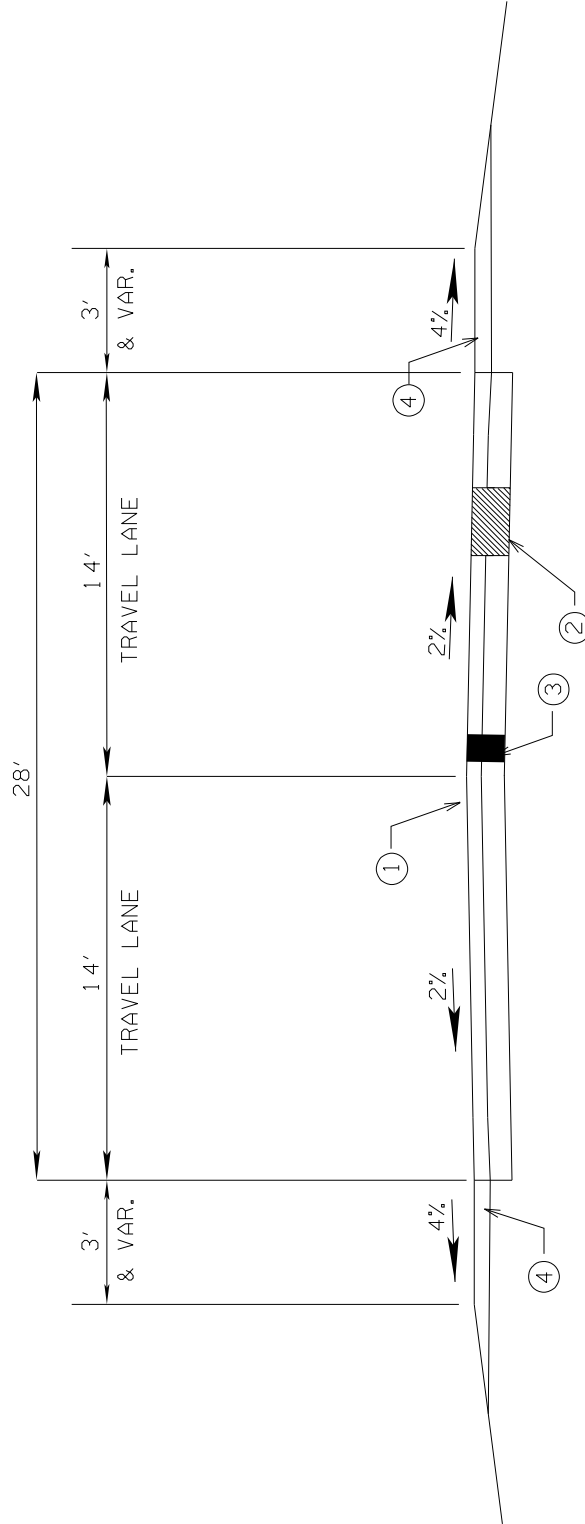
421+63 TO 765+70 TYPICAL SECTION



1. Var Depth Crushed Stone
2. 1.5" MT 9.5mm Mix
3. 2" MT 12.5mm Mix
4. 3/8" Single Lift Surface Treatment
5. 12" FDR (Mix Cement/Emulsified Asphalt With Remaining Material In Place)
6. Existing Pavement Structure (7 1/2" - 9 1/2" Asphalt Pavement)

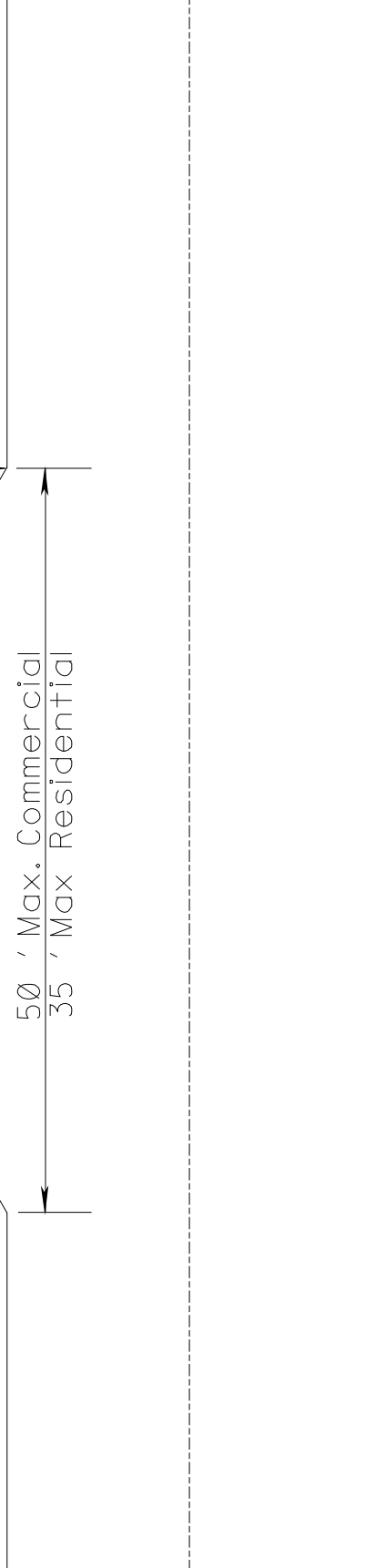
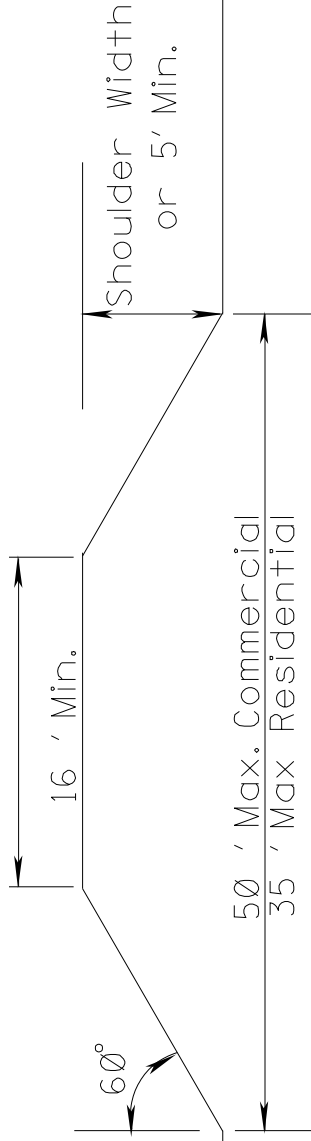
**SR 16 OVERLAY
FROM CARTHAGE TO NESHOBA COUNTY LINE
LEAKE COUNTY
108658/301000**

**BOP STA 71+10 - EOP STA 421+63
TYPICAL SECTION**

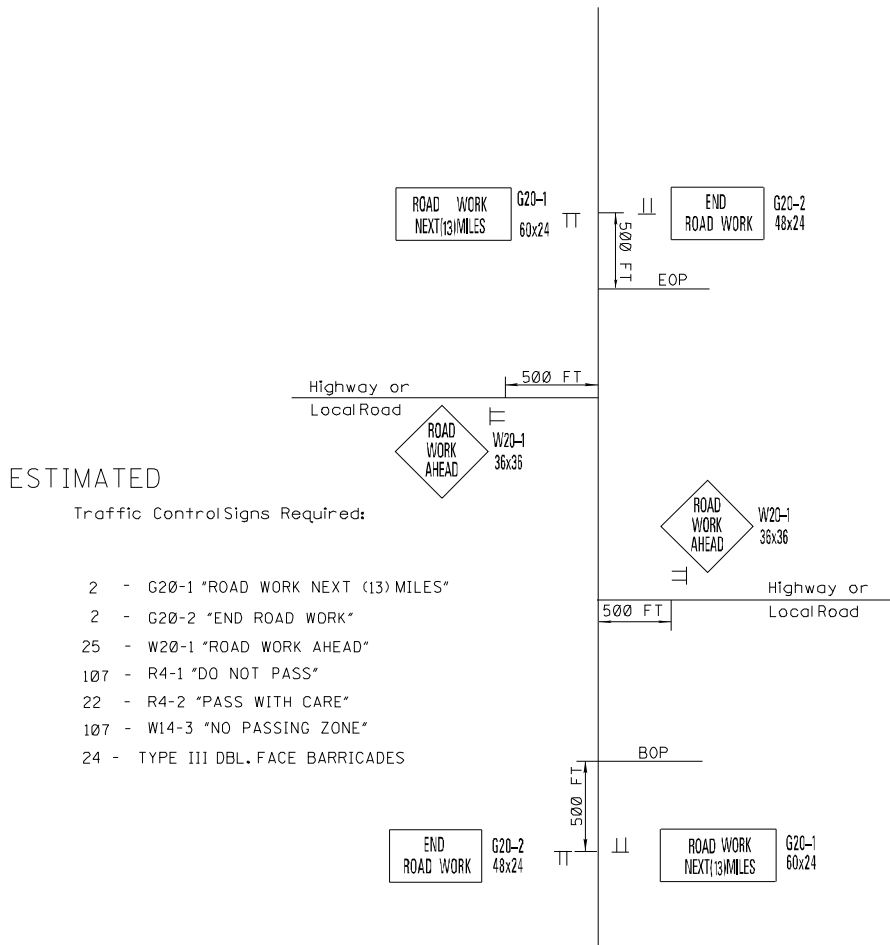


- ① Mill 2" and overlay with 2" HMA, 12.5mm MIX,MT
- ② Failed areas to be removed and back filled with HMA, 12.5mm Mix,MT Leveling as directed.
- ③ Existing Pavement Structure (7 1/2" - 9 1/2" Asphalt Pavement)
- ④ Var Depth Crushed Stone (As Req'd)

108658/301000
LEAKE COUNTY
SR16 OVERLAY
FROM CARTHAGE TO NESHOPA COUNTY LINE
TYPICAL RAMP/PAD DETAIL



CONSTRUCTION SIGNING DETAIL 108658/301000 SR 16 OVERLAY LEAKE COUNTY FROM CARTHAGE TO NESBOHA COUNTY LINE



NOTES: One (1) W20-1 "ROAD WORK AHEAD" Sign is Required at each Local Road, Street or Highway Entering the Project.

G20-1 and G20-2 signs mounted on Type III Double Faced Barricade.

R4-1 "DO NOT PASS", R4-2 "PASS WITH CARE" AND W14-3 "NO PASSING ZONE" signs are required in accordance with Subsection 618.03.3 and as specified in the MUTCD. If No Passing zones are 1000 ft or more, install additional "DO NOT PASS" signs on maximum spacing of 750 ft.

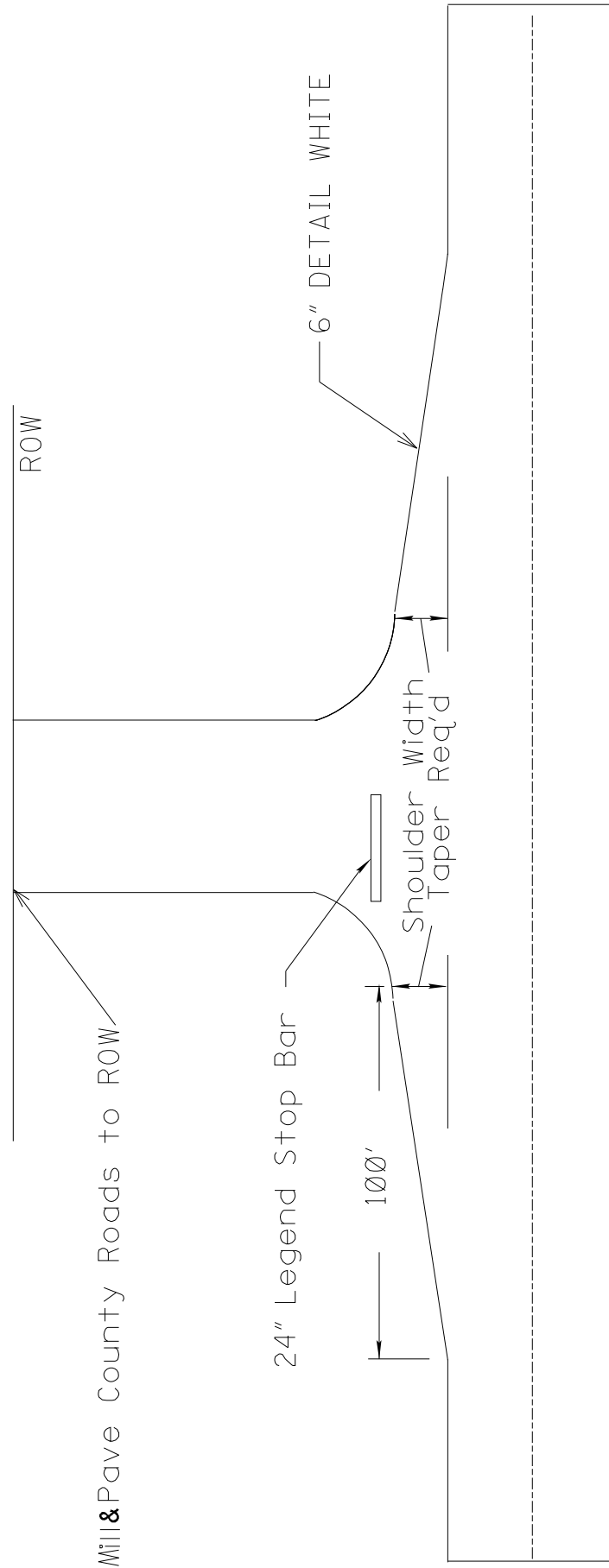
Payment for these signs will be under the appropriate pay item numbers in the summary of quantities

108658/302000			
Neshoba County			
County Road	HWY 16 Direction	609-E001 Bituminous Curb (LF)	202-B014 Removal of Bituminous Curb (LF)
Isaac Rd	WB	95.5	95.5
Grant Dr.	WB	95.5	95.5
	Totals	191	191

108658/ 301000
Leake County
SR 16 Overlay from Carthage to Neshoba County Line

County Road	Hwy. 16 Direction	609-E001	202-B014
		Bituminous Curb	Removal of Bituminous Curb
Old Camp Rd	EB	39	39
Camp Rd	EB	93	93
Rockwood Dr	EB	45	45
Unka Junkies Store	EB	40	40
E Franklin St	EB	90	90
Midway Rd	EB	65	65
Battle Bluff Rd	EB	65	65
Indian Branch Rd	EB	56	56
Birds Rd West	EB	45	45
Rice Creek Rd	EB	72	72
Birds Rd East	EB	45	45
River Road	EB	75	75
SR 427	EB	280	280
Ramsey Rd	WB	0	0
Arbor Acres Rd	WB	93	93
Stockyard	WB	69	69
E Franklin St	WB	50	50
Goshen Rd	WB	145	145
Midway Rd	WB	109	109
Malone Rd	WB	40	40
Pearl Hill Rd West	WB	67	67
Pearl Hill Rd East	WB	52	52
Moon Walk Rd	WB	30	30
Rice Creek Rd	WB	60	60
Kirby Rd	WB	0	0
Adams Rd	WB	76	76
Coosa Rd	WB	40	40
Mars Hill Rd	WB	73	73
	TOTAL	1914	1914

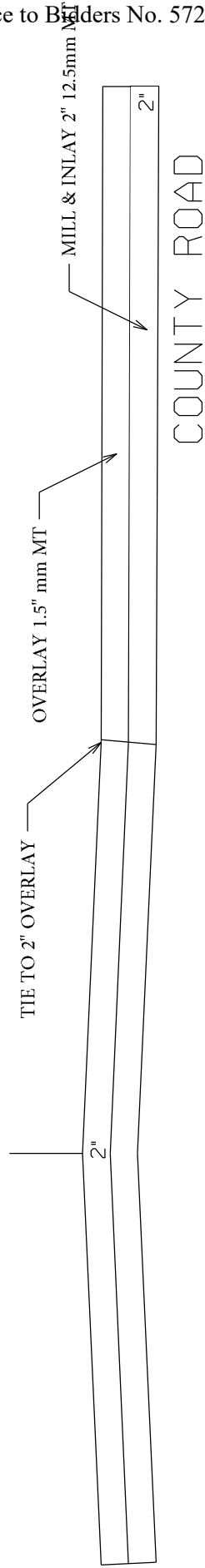
Typical Section - County Roads



**108658/301000
 LEAKE COUNTY
 TYPICAL SECTION
 SR 16 OVERLAY
 FROM CARTHAGE TO NESHOBA COUNTY LINE**

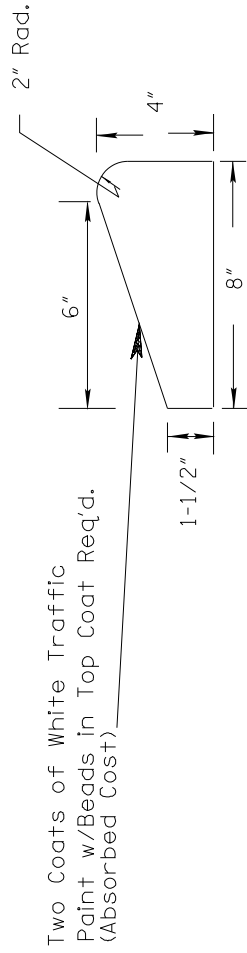
COUNTY ROAD TIE-IN TYPICAL

CL
 SR 16

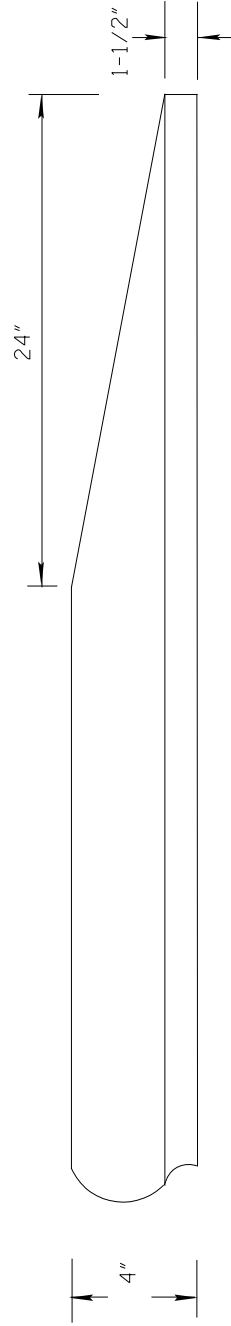


LEAKE COUNTY 108658/301000

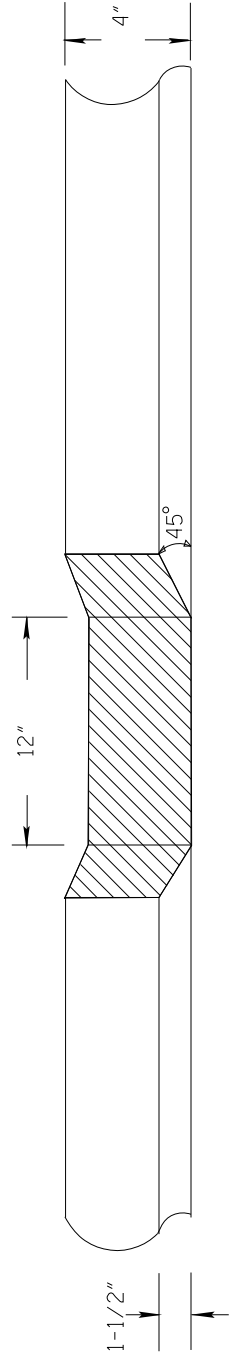
Detail of Bituminous Curb

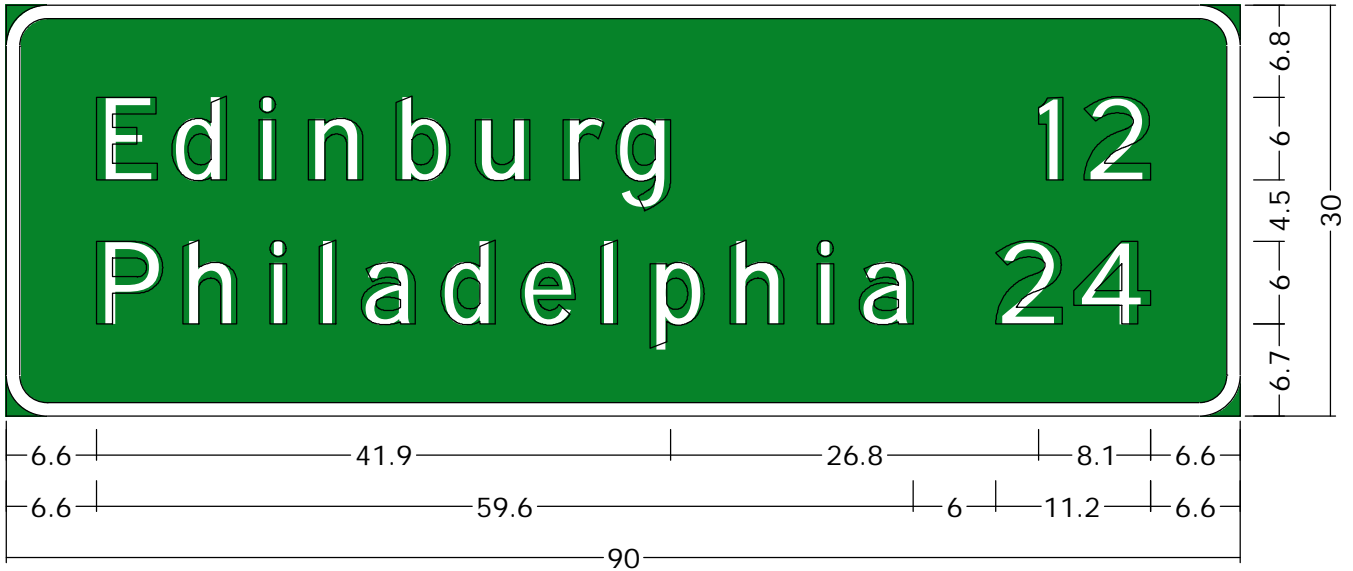


Detail of Curb Terminus



Detail of Spill Thru





3.0" Radius, 1.0" Border, White on, Green;

"Edinburg", E Mod 2K; "12", E Mod 2K; "Philadelphia", E Mod 2K; "24", E Mod 2K;

108658/301000

Leake County

SR 16 Overlay from Carthage to Neshoba County Line

203-G001

Excess Excavation, FM,AH

Station	Direction	Length	Width	Sqaure Feet	Square Yards	Cubic Yards
444+10	EB	350	14	4900	544.444	20.165
408+00	EB	230	14	3220	357.778	13.251
409+10	EB	250	14	3500	388.889	14.403
					Total	47.819

Leake County

SR 16 Overlay from Carthage to Neshoba County Line

Failed Areas**202-B009 Removal of Asphalt Pavement, Failed Areas**

Station	Direction	Length	Width	Sqaure Feet	Square Yards
408+00	EB	230	14	3220	357.778
409+10	EB	250	14	3500	388.889
Total				6720	747

108658/301000

Leake County

SR 16 Overlay from Carthage to Neshoba County Line

612-B001				
Flowable Fill, Non-Excavatable				
Station	Length	Width	Depth	Quantity CY
258+55	20	42	1.50	47
			Total	47
	Total Plus 10% for Contingency			51.333

108658/301000
Leake County
SR 16 Overlay from Carthage to Neshoba
County Line

Guard Rail Pads			
Bridge	Direction	Size (SY)	Size (SY)
98+86	EB	360	170
	WB	370	170
258+85	EB	390	180
	WB	350	175
299+31	EB	320	150
	WB	290	140
592+07	EB	390	220
	WB	400	230
681+64	EB	350	200
	WB	370	215
709+61	EB	230	67
	WB	215	100
181+85	EB	165	
	WB	175	
394+67	EB	145	
	WB	225	
475+97	EB	150	
	WB	175	
495+97	EB	120	
	WB	180	
656+27	EB	150	
	WB	130	
		5650	2017
	Total	7667.000	

Guardrail Quantities																	
STATION	GUARDRAIL			FLARED TERMINAL END SECT.	TANGENT TERMINAL END SECT.	Cable Anchor TYPE I	BRIDGE END SECTION				DELINEATORS		Type 3 Object Markers (EA)	GUARDRAIL REMOVAL (LF)	REMARKS		
	(W-BEAM) (LF)	THIRIE BEAM TRANS. SECT. (LF)	THIRIE BEAM (LF)				TYPE "C" (EA)	TYPE "H" (EA)	TYPE "I" (EA)	SPEC. DESIGN BR END CONN. (EA)	WHITE (EA)	YELLOW (EA)					
98+86	RT	297.5			2					2			11		2	335	
	LT	297.5			2					2			11		2	335	
258+85	RT	297.5			2					2			11		2	335	
	LT	297.5			2					2			11		2	335	
299+31	RT	282.5			2			2					11		2	320	
	LT	282.5			2			2					11		2	320	
592+07	RT	297.5			2					2			11		2	335	
	LT	297.5			2					2			11		2	335	
681+64	RT	172.5			2			2					8		2	210	
	LT	152.5			2			2					8		2	190	
709+61	RT	267.5			2				2				11		2	305	
	LT	267.5			2				2				11		2	305	
181+85	RT	192.5			2								9		2	230	
	LT	192.5			2								9		2	230	
394+67	RT	207.5			2								9		2	245	
	LT	207.5			2								9		2	245	
475+97	RT	172.5			2								8		2	210	
	LT	192.5			2								8		2	230	
495+97	RT	87.5			2								9		2	125	
	LT	182.5			2								6		2	220	
656+27	RT	197.5			2								8		2	235	
	LT	187.5			2								8		2	225	
TOTAL =		5030	0	0	44	0	4	8	12	0	0	209	0	44	5855		
		LF.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF.	

* REMOVAL OF ALL GUARDRAIL (BRIDGE END SECTIONS, W-BEAM, TYPE-I CABLE ANCHORAGE, TERMINAL END SECTIONS, ETC.) WILL BE PAID UNDER PAY ITEM 202-B REMOVAL OF GUARD RAIL.
 * REMOVAL OF GUARDRAIL DELINEATORS ARE CONSIDERED INCIDENTAL TO THE REMOVAL OF GUARDRAIL AND WILL NOT BE MEASURED AS A SEPARATE PAY ITEM.
 * ALL GUARDRAIL METAL RAIL AND METAL POSTS, WOODEN POSTS, ALL BLOCKOUTS, CONCRETE ANCHORS, ETC. WILL BE THE PROPERTY OF THE CONTRACTOR.
 * TOTAL GUARDRAIL LENGTH IS BASED ON A TERMINAL END SECTION 37.5' LONG. IF A TERMINAL END SECTION OF A DIFFERENT LENGTH IS USED, THE LENGTH OF THE W-BEAM MAY HAVE TO BE ADJUSTED.

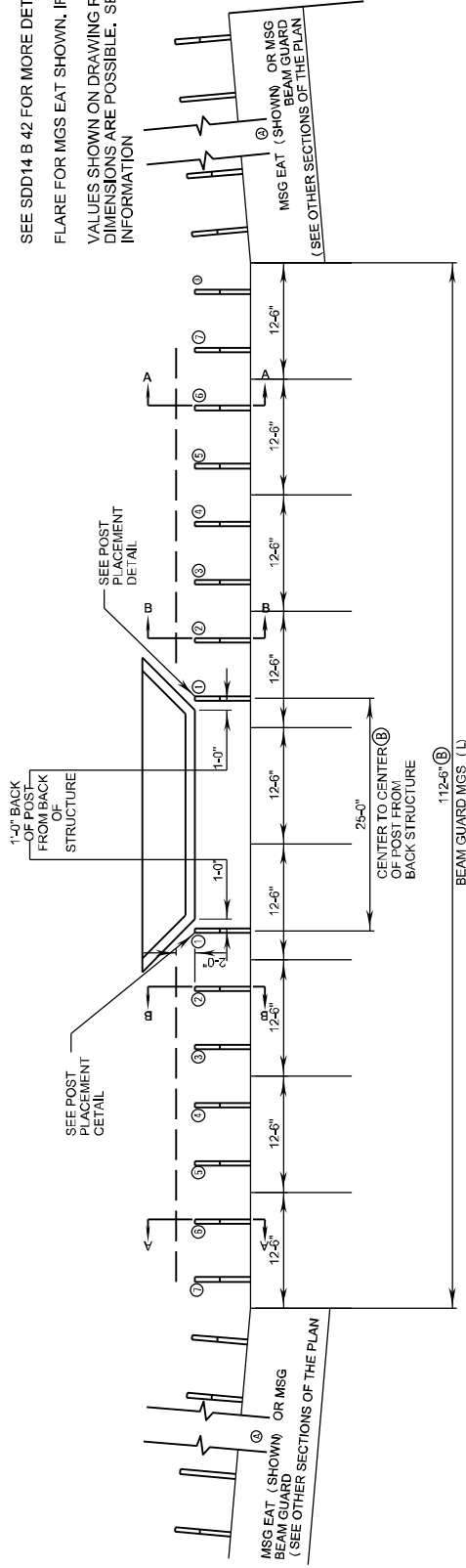
SR 16 FROM CARTHAGE TO 1/2 MILES EAST OF LEAKE COUNTY LINE LEAKE COUNTY 108658/301000

GENERAL NOTES

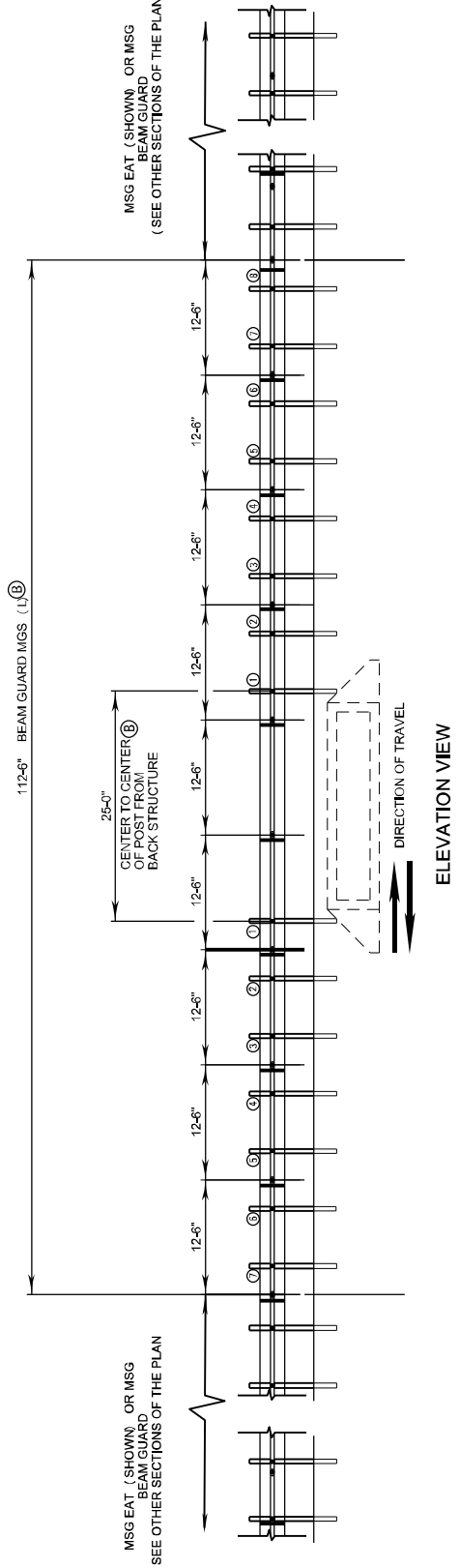
POSTS 1 THROUGH 3 ARE CRT POSTS. ALL OTHER POSTS SHALL BE WOOD OR STEEL. SEE SDD14 B 42 FOR MORE DETAILS.

FLARE FOR MGS EAT SHOWN, IF INSTALLING MGS NO FLARE NEEDED.

VALUES SHOWN ON DRAWING REPRESENT THE MAXIMUM LENGTH. SHORTER DIMENSIONS ARE POSSIBLE. SEE OTHER SECTION OF PLAN FOR MORE INFORMATION.



PLAN VIEW



ELEVATION VIEW

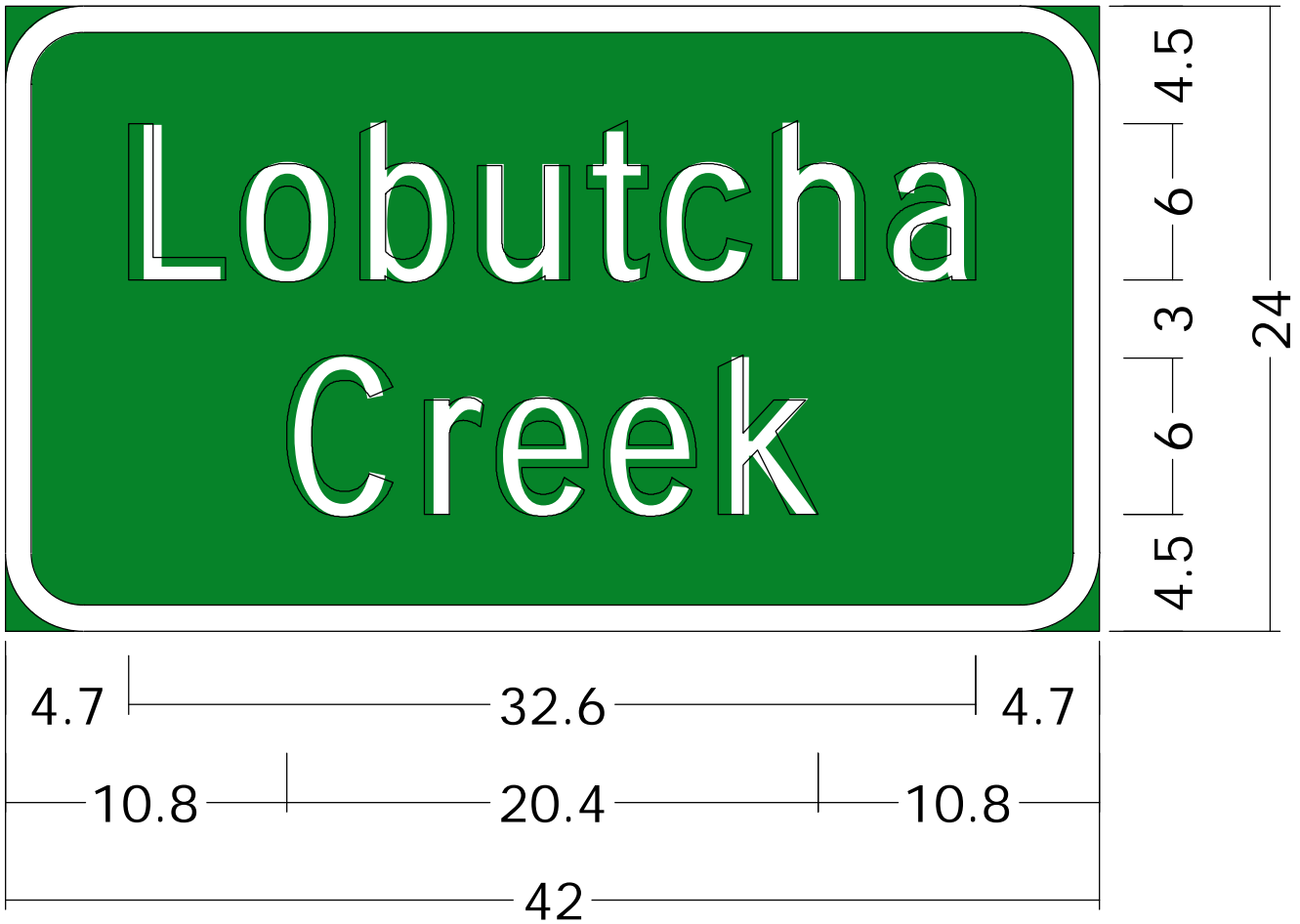
108658/301000

Leake County

SR 16 From Carthage to Neshoba County Line

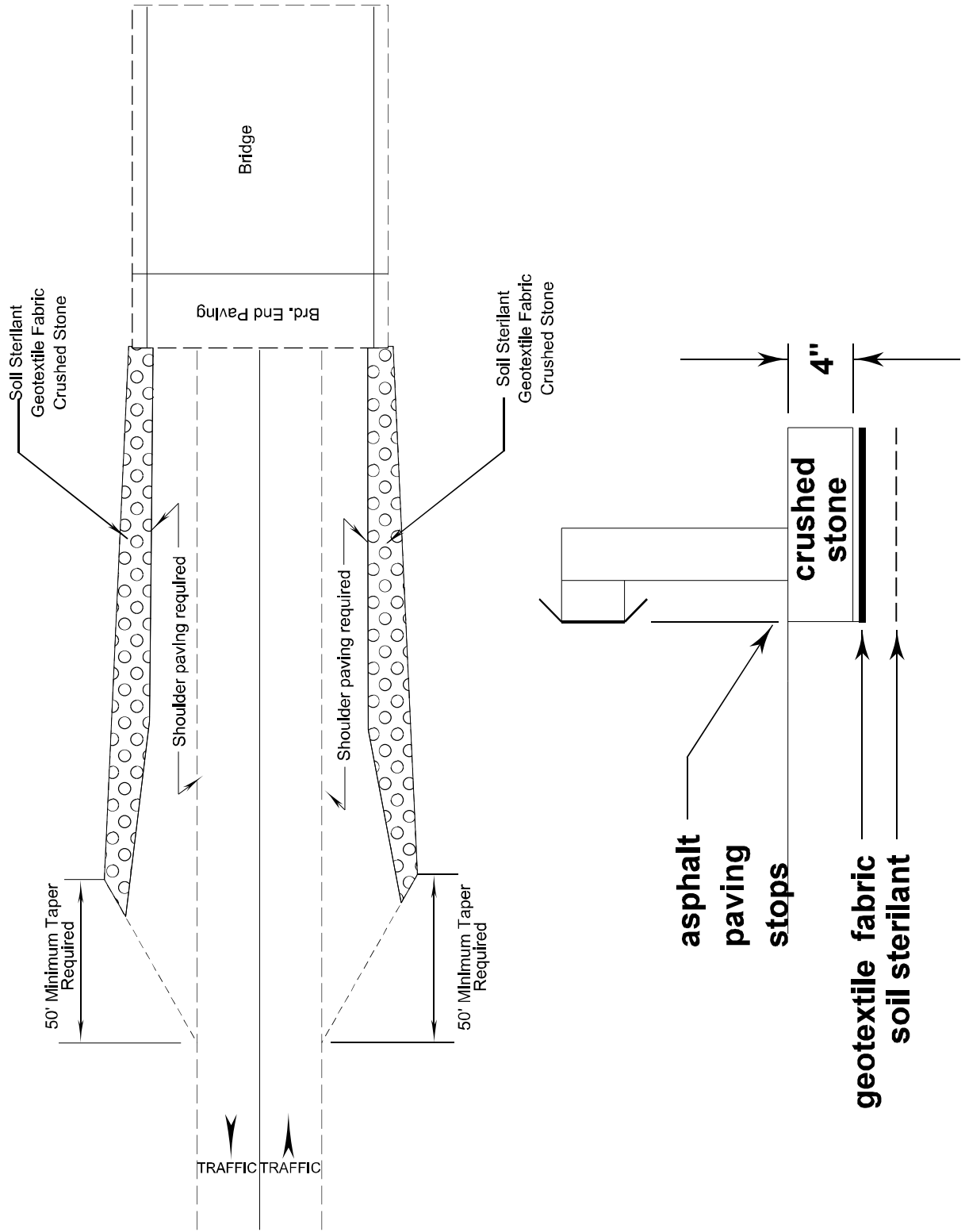
907-808-A002				907-823-B001			
Joint Repair				Saw Cut, Type 1			
Bridge	Joints	Length	Quantity (LF)	Bridge	Joints	Length	Quantity (LF)
111.8	4	44	176.00	111.8	4	44	176.00
114.8	11	45	495.00	114.8	11	45	495.00
115.5	0	0	0.00	115.5	0	0	0.00
121.1	4	45	180.00	121.1	4	45	180.00
122.8	16	42	672.00	122.8	16	42	672.00
123.3	9	38	342.00	123.3	9	38	342.00
Total			1865.00	Total			1865.00
Total for Repair			3730.00	Total for Repair			3730.00

907-823-A001			
Preformed Joint Seal, Type 1			
Bridge	Joints	Length	Quantity (LF)
111.8	4	44	176.00
114.8	11	45	495.00
115.5	0	0	0.00
121.1	4	45	180.00
122.8	16	42	672.00
123.3	9	38	342.00
Total			1865.00



3.0" Radius, 1.0" Border, White on, Green;
"Lobutchka", D 2K; "Creek", D 2K;

**LEAKE COUNTY
108658/301000**



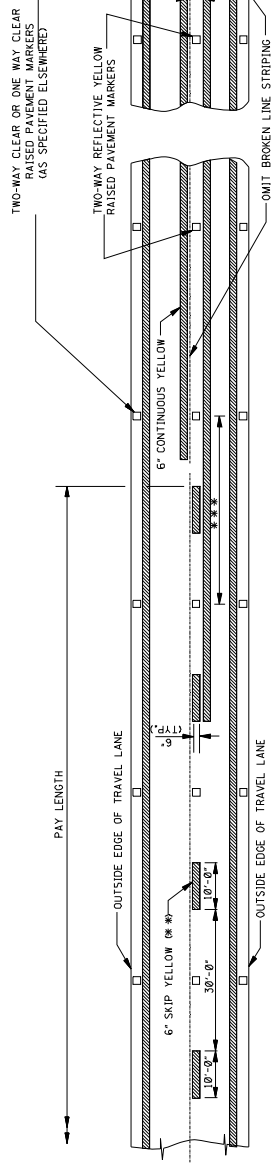
108658/301000

Leake County

SR 16 From Carthage to Neshoba County Line

202-B063				
Removal of Paved Ditch (Bridge Flumes)				
Bridge	Quadrant	Flume SY	Quantity	Total SY
111.8	All	36.612	4	146
114.8	All	36.612	4	146
115.5	All	36.612	4	146
121.1	All	36.612	4	146
Total				586

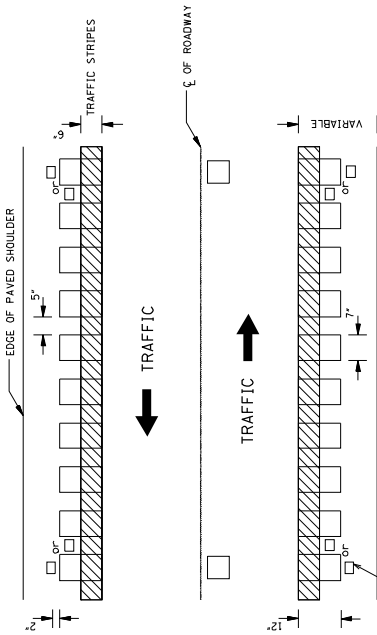
202-B240		
Removal of Traffic Stripe		
Location	Length	Quantity (LF)
98+86	159	318
258+85	1035	2070
299+31	160	320
592+07	185	370
681+64	480	960
709+61	198	396
	Cont. Removal	4434
	Skip Removal	1109
	Total Removal	5543



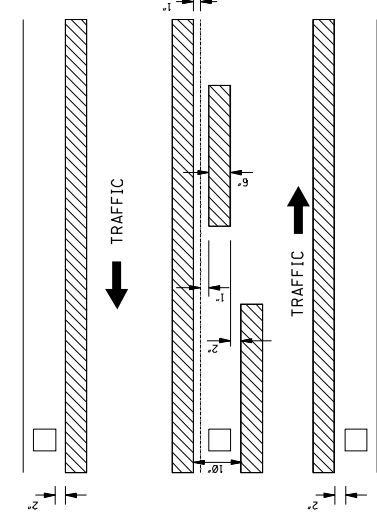
TWO-WAY TRAFFIC
 (ASPHALT OR CONCRETE PAVEMENT)

• **TWO-WAY TRAFFIC**
 RAISED PAVEMENT MARKERS
 (AS SPECIFIED ELSEWHERE)

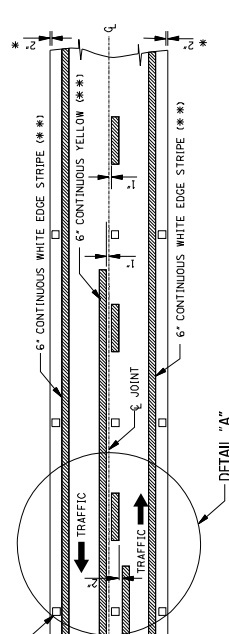
• **TWO-WAY TRAFFIC**
 RAISED PAVEMENT MARKERS
 (AS SPECIFIED ELSEWHERE)



DETAIL "A"
 PLACEMENT OF RPMs ON
 PAVEMENTS WITH RUMBLE STRIPS



DETAIL "A"
 PLACEMENT OF RPMs ON
 PAVEMENTS WITHOUT RUMBLE STRIPS



DIRECTION OF TRAFFIC

GENERAL NOTES:

- * 1. 2" UNLESS SHOWN ELSEWHERE ON THE PLANS, FOR ALL TANGENT AND CURVE SECTIONS REFER TO WK. SHEETS RS-1, RS-2, AND RS-3.
- ** 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE (PAINT OR PLASTIC AS INDICATED IN PAY ITEMS).
- *** 3. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

TANGENT SECTIONS	URBAN AREA (ft-ft)	RURAL AREA (ft-ft)
HORIZONTAL CURVES	40'-0"	80'-0"
INTERCHANGE LIMITS	40'-0"	+ 40'-0"

1. NOTE: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON LANE-LINES THROUGH ALL INTERCHANGE AREAS BEGINNING UPSTREAM OF THE INTERCHANGE AND CONTINUING THROUGH THE RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.

4. EDGE LINE RAISED PAVEMENT MARKERS ARE TO BE PLACED AT THE SAME SPACING AS THE CENTERLINE MARKERS. EDGE LINE MARKERS SHALL BE PLACED AT THE INTERSECTION OF ALL INTERSECTIONS, CROSSOVERS, ETC. EDGE LINE RPMs WILL NOT BE PLACED IN URBAN AREAS UNLESS OTHERWISE SPECIFIED.

5. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE RAISED PAVEMENT MARKERS AS LISTED IN THE MODOT "APPROVED SOURCES OF MATERIALS."

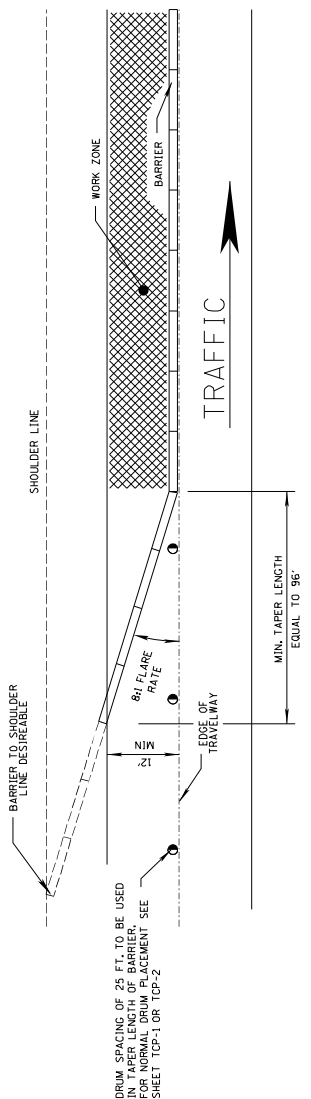
6. THE CRITERIA FOR NO-PASSING ZONES CAN BE FOUND IN THE MODOT ROADWAY DESIGN MANUAL, SECTION 11-1.01.

7. WHERE RUMBLE STRIPS ARE PRESENT, THE EDGE LINE MARKERS SHALL BE PLACED OUTSIDE THE RUMBLE STRIPS OR BETWEEN THE RUMBLE STRIPS AS DIRECTED BY THE ENGINEER.

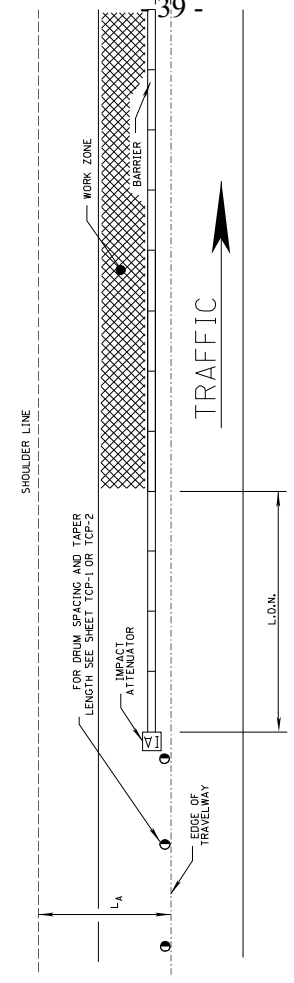
Notice to Bidders No. 72

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 RAISED PAVEMENT MARKING
 2-LANE ROADWAYS
 PROJ. NO.:
 COUNTY:
 SHEET NUMBER
 FILE NAME: RPM-1.GDD
 CHECKED: _____ DATE: _____





DETAIL OF POSITIVE BARRIER WITH TAPER



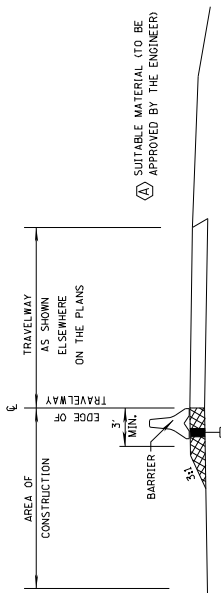
DETAIL OF POSITIVE BARRIER WITH IMPACT ATTENUATOR

NOTES:
 1. LENGTH OF NEED, L.O.N. = $\frac{L_1 L_2}{L_1 + L_2}$

WHERE: L_1 = LATERAL EXTENT OF THE AREA OF CONCERN
 L_2 = LATERAL OFFSET FROM EDGE OF TRAVELED WAY TO BARRIER.

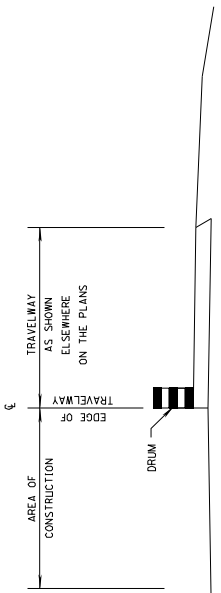
GENERAL NOTES:
 1. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER OTHER BID ITEMS.
 2. FOR DETAILS OF DRUM PLACEMENT SEE OTHER TRAFFIC CONTROL PLANS.

DESIGN SPEED (mph)	RUNOUT LENGTH (L _R) GIVEN TRAFFIC VOLUME (ADT) (vty/dy)	
	OVER 10,000	UNDER 10,000
70	360	330
60	300	250
50	230	190
40	160	130
30	110	90



ELEVATION VIEW FOR POSITIVE BARRIER

NOTES:
 1. POSITIVE BARRIER IS REQUIRED IN THE AREA OF OPEN PUNCH OUTS THAT ARE WITHIN SIX (6) FEET OF THE TRAVELWAY WHENEVER ACTUAL REPAIR WORK IS NOT BEING PERFORMED WITHIN THE LANE CLOSURE.
 2. MATERIAL USED TO SUPPORT POSITIVE BARRIER MUST BE AT SAME ELEVATION AS PAVEMENT IN ADJACENT TRAVELWAY.
 3. DELINEATORS REQUIRED ON ALL NON-REFLECTIVE BARRIER, AS SHOWN ON WORKING NO. OMB-3.



ELEVATION VIEW FOR DRUM

NOTES:
 1. WHILE WORK IS BEING PERFORMED WITHIN THE LANE CLOSURE DROP-OFFS MUST BE PROTECTED WITH DRUMS, ETC. IN EMERGENCIES EXCAVATED SECTION MAY BE BACKFILLED WITH GRANULAR MATERIAL TO AVOID OVERNIGHT DROP-OFFS.
 2. LANE CLOSURES WITH OPEN PUNCH OUT AREAS MAY NOT BE LEFT UNATTENDED WHEN DRUMS ARE BEING USED FOR LANE CLOSURE

Notice to Bidders No. 572

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
LANE CLOSURE DETAILS FOR GREATER THAN 3 INCH DROPOFF
 PRELIMINARY
 NOT FOR CONSTRUCTION
 PROJECT NUMBER: SDTCPC-ADGN
 COUNTY: UPDATE
 SHEET NUMBER: DATE
 DESIGN TEAM: UPDATE
 CHECKED: UPDATE
 DATE: UPDATE
 \$PG\$

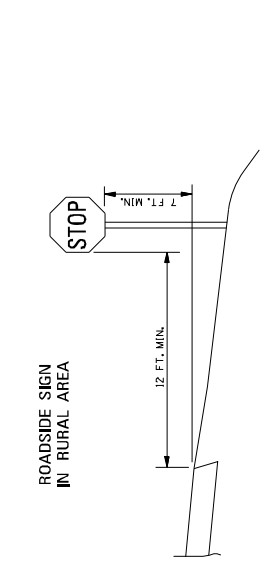
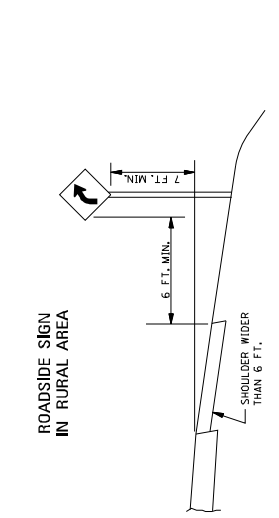
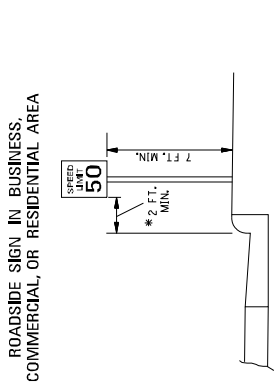
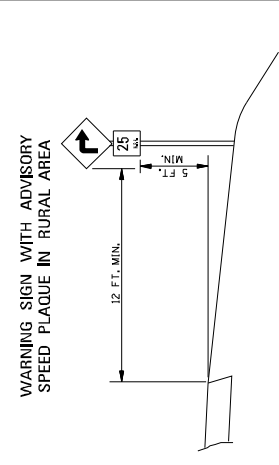
PROJECT NO. 108658/301000
COUNTY: Leake

STATION NUMBER	SIGN NUMBER	SIZE (In. x in.)	AREA (sq)	PIPE POSTS (ft)			STANDARD ROADSIDE SIGNS - 0.080" THICKNESS (7/16" x 2-1/2") BARS 3.72 lbs/ft		Class "B" Conc. (cy)	REMARKS
				2"	3-1/2"	4"	U POST (ft)	2 lb/ft		
684+58	W3-3	12x24	2.00	10.00						South
Total this sheet = 2.00 20.00 0.00 0.00 0.00 0.00										

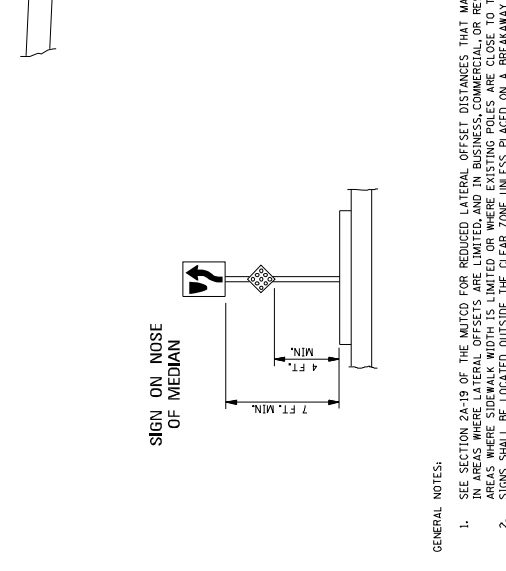
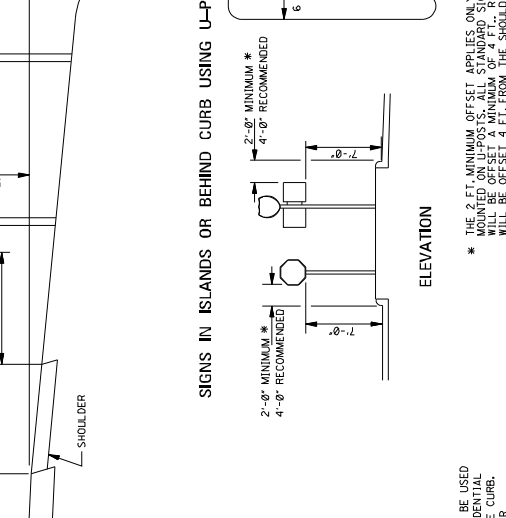
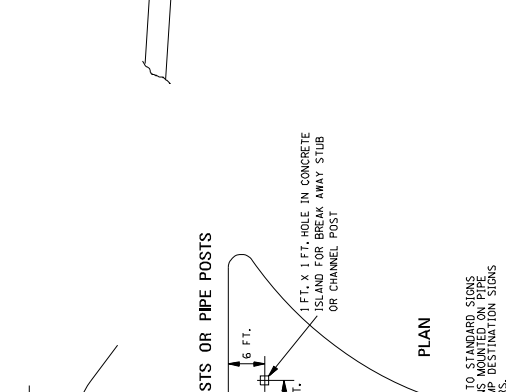
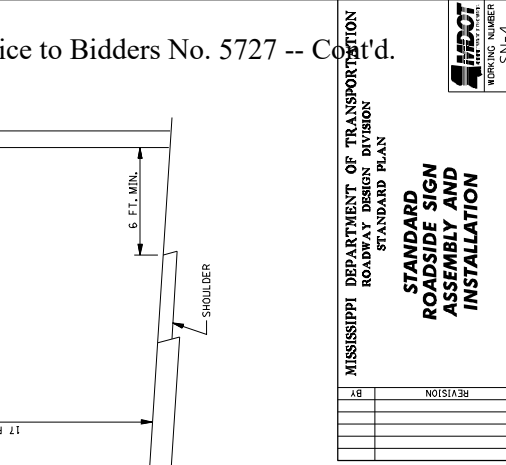
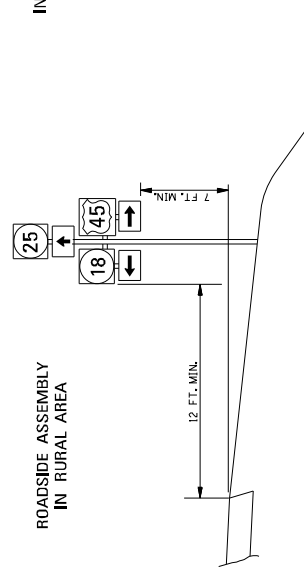
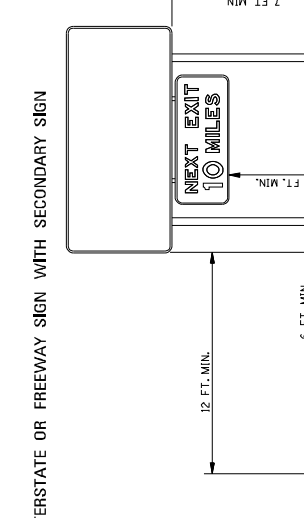
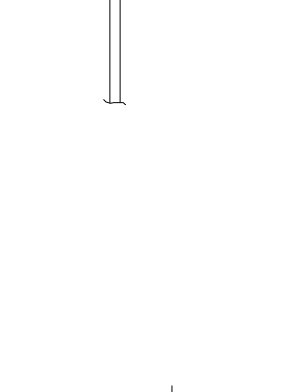
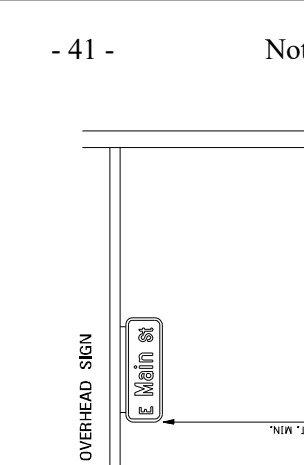
STATION NUMBER	SIGN NUMBER	SIZE (In. x in.)	AREA (sq)	PIPE POSTS (ft)			STANDARD ROADSIDE SIGNS - 0.100" THICKNESS (7/16" x 2-1/2") BARS 3.72 lbs/ft		Class "B" Conc. (cy)	REMARKS
				2"	3-1/2"	4"	U POST (ft)	2 lb/ft		
358+79	R1-1	36" oct	6.25	10.00						
Total this sheet = 6.25 10.00 0.00 0.00 0.00 0.00										

STATION NUMBER	SIGN NUMBER	SIZE (In. x in.)	AREA (sq)	PIPE POSTS (ft)			STANDARD ROADSIDE SIGNS - 0.125" THICKNESS (7/16" x 2-1/2") BARS 3.72 lbs/ft		Class "B" Conc. (cy)	REMARKS
				2"	3-1/2"	4"	U POST (ft)	2 lb/ft		
72+38	W6-3	36x36	9.00	10.00						
127+30	W2-1	36x36	9.00	10.00						
178+03	W2-1	36x36	9.00	10.00						
186+03	W14-1	24x24	4.00	10.00						
236+35	W1-4R	36x36	9.00	10.00						
319+84	W3-5	36x36	9.00	10.00						
379+01	W2-2	30x30	6.25	10.00						
448+99	W2-2	30x30	6.25	10.00						
485+26	W2-2	30x30	6.25	10.00						
625+50	W2-2	36x36	9.00	10.00						
624+71	W2-2	36x36	9.00	10.00						
561+06	W2-1	36x36	9.00	10.00						
499+53	W2-2	36x36	9.00	10.00						
391+50	W2-2	36x36	9.00	10.00						
366+08	W2-2	36x36	9.00	10.00						
194+57	W2-1	36x36	9.00	10.00						
144+07	W2-1	36x36	9.00	10.00						
579+41	W8-13	30x30	6.25	10.00						
594+38	W8-13	30x30	6.25	10.00						
Total this sheet = 152.25 190.00 0.00 0.00 0.00 0.00										

SIGN NUMBER	STATION	Sign Description	630-B002 Interstate Directional Signs, Bolted Ext			UNIT AREA SQ. FT.	QUANTITY RECD.	TOTAL SIGN AREA SQ. FT.
			2 1/2" 4.0 lb/ft Square Post	2" 2.0 lb/ft Square Post	SIZE			
1	80+12	Edinburg 12 Philadelphia 24	20		30x90	18.75	1	18.75
2	252+01	Lobutchka Creek		20	24x42	7	1	7
TOTAL QUANTITIES								
							SF	26



* THE 2 FT. MINIMUM OFFSET APPLIES ONLY TO STANDARD SIGNS MOUNTED ON U-POSTS. ALL STANDARD SIGNS MOUNTED ON PIPE WILL BE OFFSET A MINIMUM OF 4 FT. RAMP DESTINATION SIGNS WILL BE OFFSET 4 FT. FROM THE SHOULDERS.

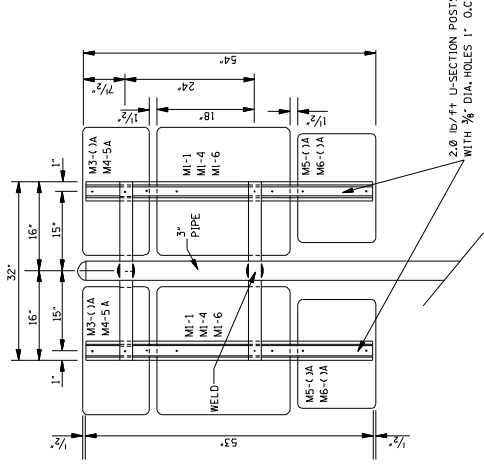
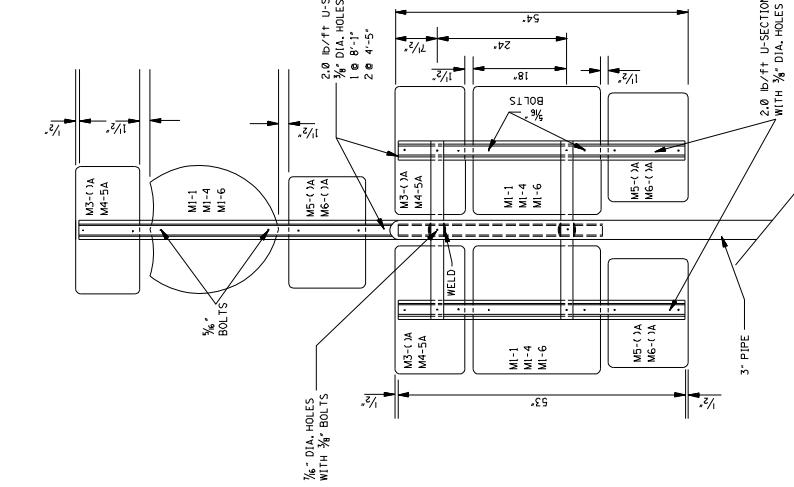
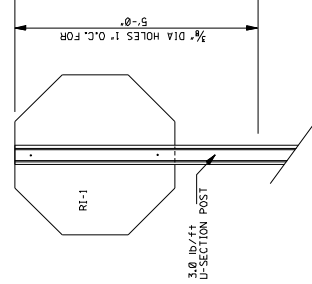
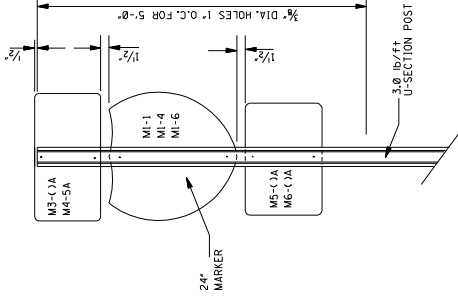
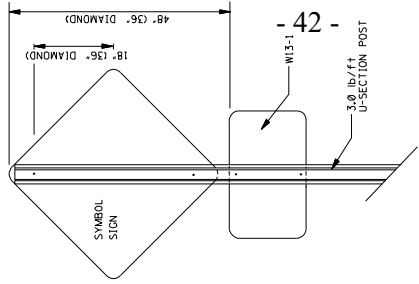
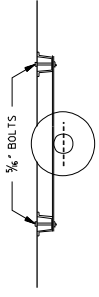
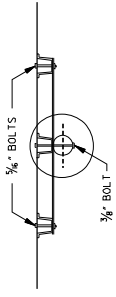
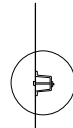
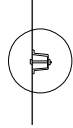
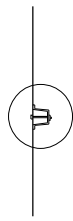


GENERAL NOTES:
1. SEE SECTION 2A-19 OF THE MUTCD FOR REDUCED LATERAL OFFSET DISTANCES THAT MAY BE USED IN AREAS WHERE SIDEWALK WIDTHS ARE LIMITED OR WHERE EXISTING POLES ARE CLOSE TO THE CURB.
2. SIGNS SHALL BE LOCATED OUTSIDE THE CLEAR ZONE UNLESS PLACED ON A BREAKAWAY OR YIELDING SUPPORT.

* THE 2 FT. MINIMUM OFFSET APPLIES ONLY TO STANDARD SIGNS MOUNTED ON U-POSTS. ALL STANDARD SIGNS MOUNTED ON PIPE WILL BE OFFSET 4 FT. FROM THE SHOULDERS.

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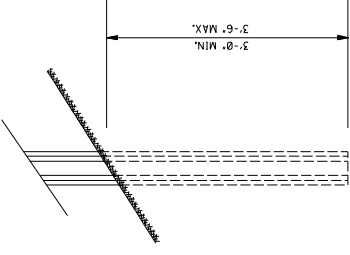


TYPICAL ASSEMBLY OF
"FLAT TOPPED" REGULATORY
OR WARNING SIGN MOUNTED ON
A SINGLE U-SECTION POST

TYPICAL ROUTE ASSEMBLY

TYPICAL STACKED ROUTE ASSEMBLY

FOOTING DETAIL FOR
U-SECTION POSTS



Notice to Bidders No. 5727 -- C.H.T.D.

GENERAL NOTES:

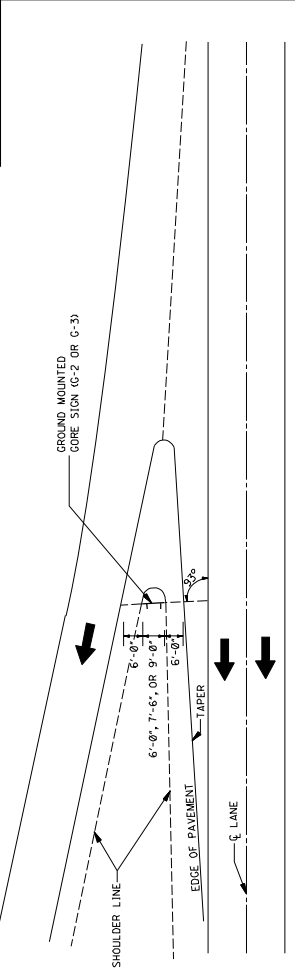
- UNLESS OTHERWISE SPECIFIED, HORIZONTAL BRACES ARE 3/4" X 2 1/2" X VARIABLE LENGTH FLAT STEEL BARS. BARS ARE WELDED TO THE U-SECTION POSTS. ALL BRACES SHALL BE GALVANIZED AS PER SECTION 630 OF THE STANDARD SPECIFICATION.
- HOLES IN FLAT BARS ARE 3/4" DIAMETER.
- SIGNS ARE FASTENED TO FLAT BARS AND U-SECTION POST WITH 3/8" BOLTS, WITH FLAT WASHER AND LOCK-NUTS.
- GROUND PLATE NOT REQUIRED ON U-SECTION POST.
- SEE WK. NO. SN-4B FOR DETAIL OF 3" PIPE FOOTING DETAIL.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

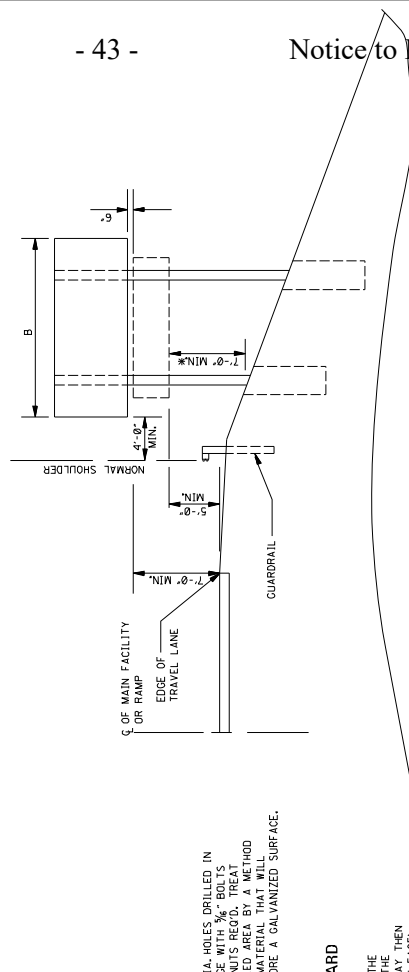
STANDARD
ROADSIDE SIGN
ASSEMBLY AND
INSTALLATION

DATE	REVISION	BY

STATE	PROJECT NO.
MISS.	

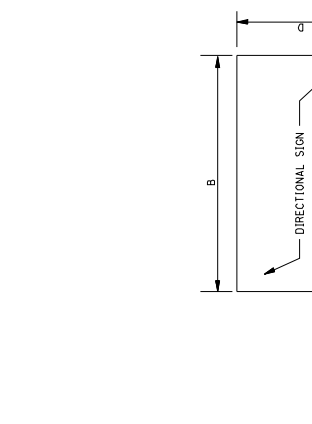


TYPICAL INSTALLATION OF GORE SIGN (G-2 OR G-3)

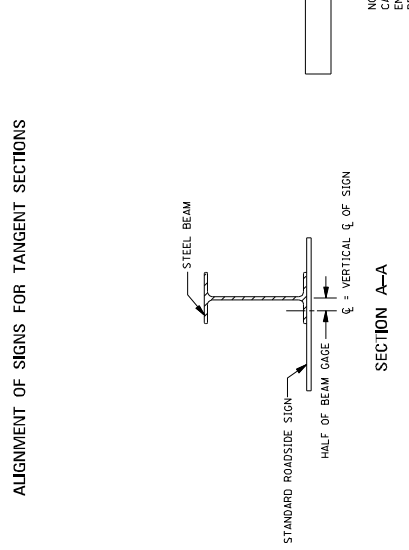


TYPICAL INSTALLATION IN A CUT OR FILL SECTION

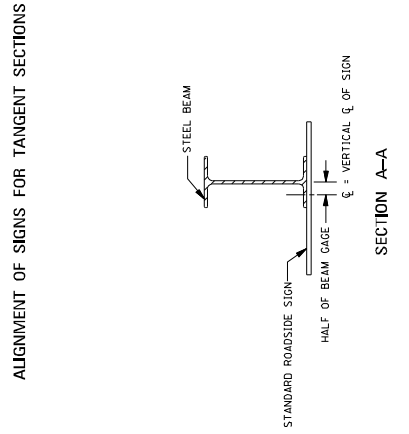
GENERAL NOTES:
 * 1. 7'-0" MINIMUM FROM GROUND TO BOTTOM EDGE
 LOWEST SIGN (SHORTEST POST).



ALIGNMENT OF SIGNS FOR TANGENT SECTIONS

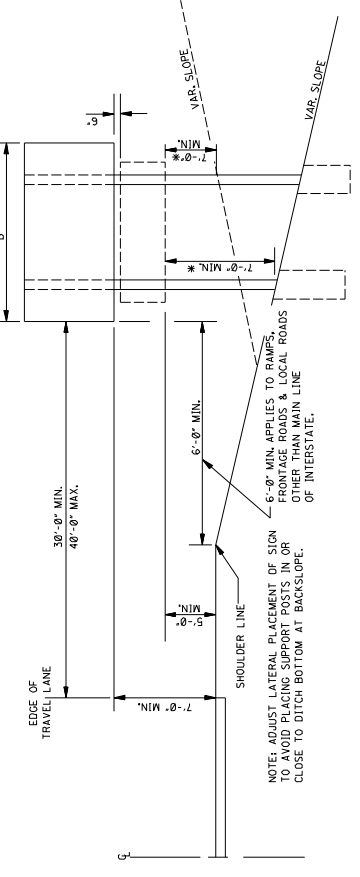


ALIGNMENT OF SIGN FOR CURVED SECTION



SPECIAL INSTALLATION OF A GROUND MOUNTED DIRECTIONAL SIGN WITH STANDARD ROADSIDE SIGNS MOUNTED BELOW

NOTE: BEFORE FINAL PLACEMENT OF SIGNS IN SHARP CURVE SECTIONS (AS IN THE CASE OF INTERCHANGE LOOPS AND RAMPS), THE SIGN SHALL BE INSPECTED BY THE ENGINEER AT NIGHT TO INSURE PROPER REFLECTORIZATION OF THE SIGN. IT MAY THEN BE ADJUSTED TO CORRECT FOR CURVATURE. THIS ADJUSTMENT SHOULD BE MADE TO AVOID OR MINIMIZE SPECULAR REFLECTION. THIS ADJUSTMENT SHOULD BE MADE WITH CARE AND UNDER THE DIRECTION OF THE ENGINEER.



TYPICAL INSTALLATION IN A CUT OR FILL SECTION

NOTE: ADJUST LATERAL PLACEMENT OF SIGN TO AVOID PLACING SUPPORT POSTS IN OR CLOSE TO DITCH BOTTOM AT BACKSLOPE.

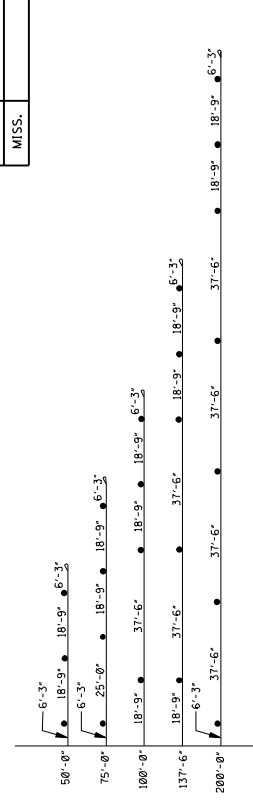
NOTE: 6'-0" MIN. APPLIES TO RAMPS, FRONTAGE ROADS & LOCAL ROADS OTHER THAN MAIN LINE OF INTERSTATE.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
 STANDARD PLAN

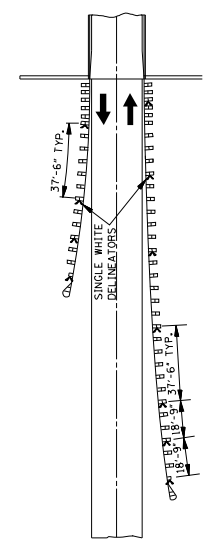
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS

DATE	REVISION

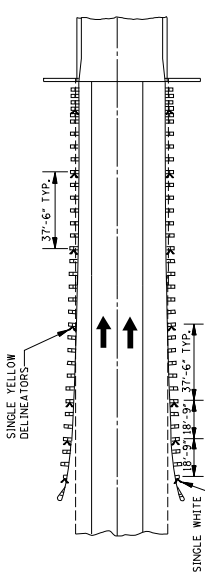
ISSUE DATE: AUGUST 01, 2017
 SHEET NUMBER 6-309
 WORKING NUMBER SN-5



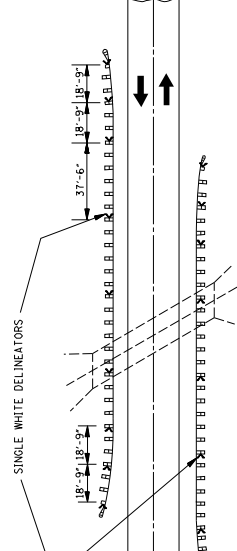
GRAPHIC SHOWING SPACINGS OF GUARDRAIL DELINEATORS AT SOME COMMONLY USED BRIDGE APPROACHES



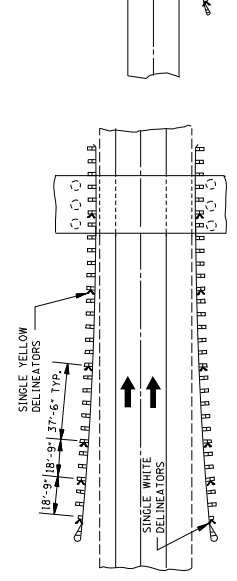
BRIDGE APPROACH INSTALLATION (TWO-WAY TRAFFIC)



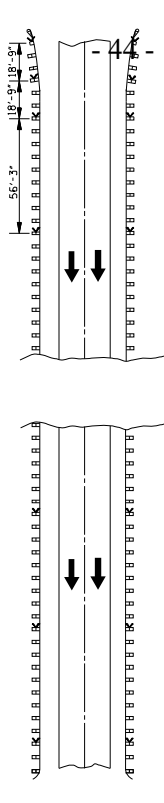
BRIDGE APPROACH INSTALLATION (ONE-WAY TRAFFIC)



ROADSIDE OBSTACLE INSTALLATION—LENGTH 250' OR LESS (TWO-WAY TRAFFIC)



ROADSIDE OBSTACLE INSTALLATION—LENGTH 250' OR LESS (ONE-WAY TRAFFIC)

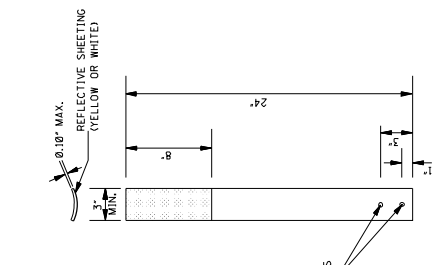


EMBANKMENT OR ROADSIDE OBSTACLE INSTALLATION—LENGTH GREATER THAN 250' (ONE-WAY TRAFFIC)

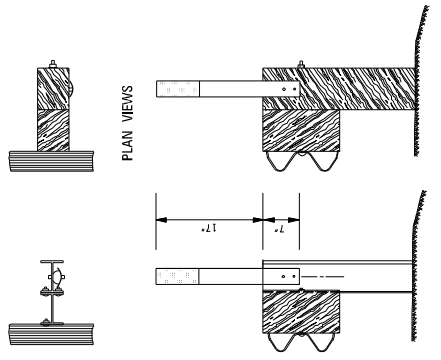
NOTE: ONE-WAY TRAFFIC SHOWN. DELINEATOR SPACING FOR TWO-WAY TRAFFIC SIMILAR. DELINEATOR COLOR WILL BE THE SAME AS THE ADJACENT PAVEMENT MARKING. THE FIRST THREE (3) MARKERS WILL FACE TRAFFIC IN OFF LANE FOR TWO-WAY TRAFFIC AS SHOWN IN DRAWING FOR OBSTACLE INSTALLATION FOR TWO-WAY TRAFFIC.

GENERAL NOTES:

1. THE UNIT PRICE OF DELINEATOR INCLUDES COSTS OF DELINEATOR FACES, POST, HARDWARE AND INSTALLATION.
2. DELINEATOR FACE WILL BE ENCAPSULATED LENS REFLECTIVE SHEETING.
3. DELINEATORS FOR GUARDRAIL SHALL BE MOUNTED ON FLEXIBLE POSTS AS FOLLOWS: THE DELINEATOR POSTS WILL BE FROM THE DEPARTMENT'S APPROVED SOURCE OF MATERIALS AND WILL BE FASTENED TO GUARDRAIL POST IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.



DETAIL OF FLEXIBLE GUARDRAIL DELINEATOR



TYPICAL FLEXIBLE POST DELINEATOR GUARDRAIL INSTALLATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

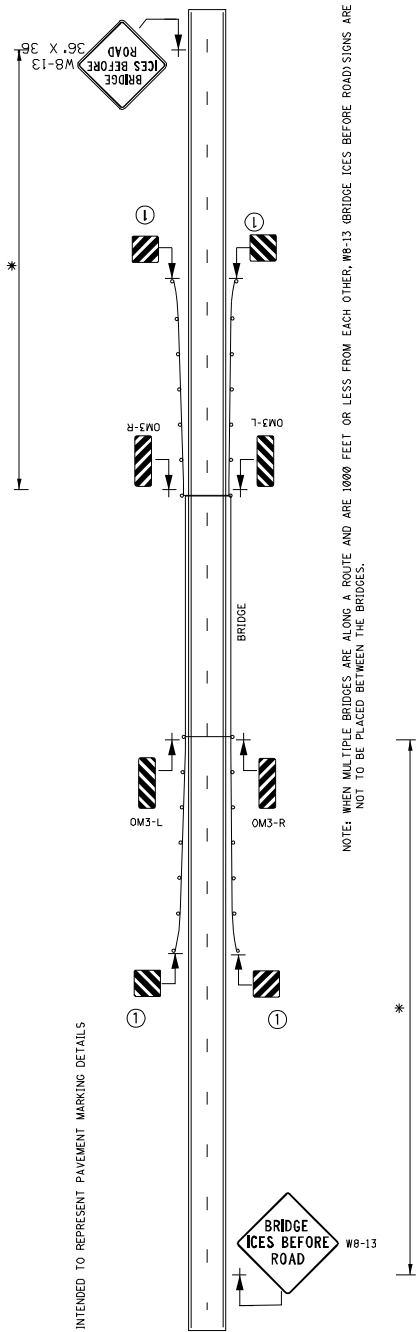
TYPICAL GUARDRAIL DELINEATION

NO.	BY	REVISION

ISSUE DATE: AUGUST 01, 2017

WORKING NUMBER SN-8C
SHEET NUMBER 6317

DRAWING NOT INTENDED TO REPRESENT PAVEMENT MARKING DETAILS



NOTE: WHEN MULTIPLE BRIDGES ARE ALONG A ROUTE AND ARE 1000 FEET OR LESS FROM EACH OTHER, WB-13 (BRIDGE ICES BEFORE ROAD) IS NOT TO BE PLACED BETWEEN THE BRIDGES.

UNDIVIDED HIGHWAY DETAIL

SIGN QUANTITIES FOR UNDIVIDED HIGHWAY (PER SIGN)

MUTCD NUMBER	STANDARD ROAD SIGN SIZE	STANDARD ROAD SIGN SQUARE FEET	STANDARD ROAD SIGN THICKNESS	U-SECTION POST (3-FP)	U-SECTION STANDARD POST (3-FP)	FOOTING (CONCRETE)
OM3-L	12" X 36"	3 SF	3 SF	9 LF	9 LF	0.13 CY
OM3-R	12" X 36"	3 SF	3 SF	9 LF	9 LF	0.13 CY
WB-13	36" X 36"	9 SF	9 SF	15 LF	15 LF	0.13 CY

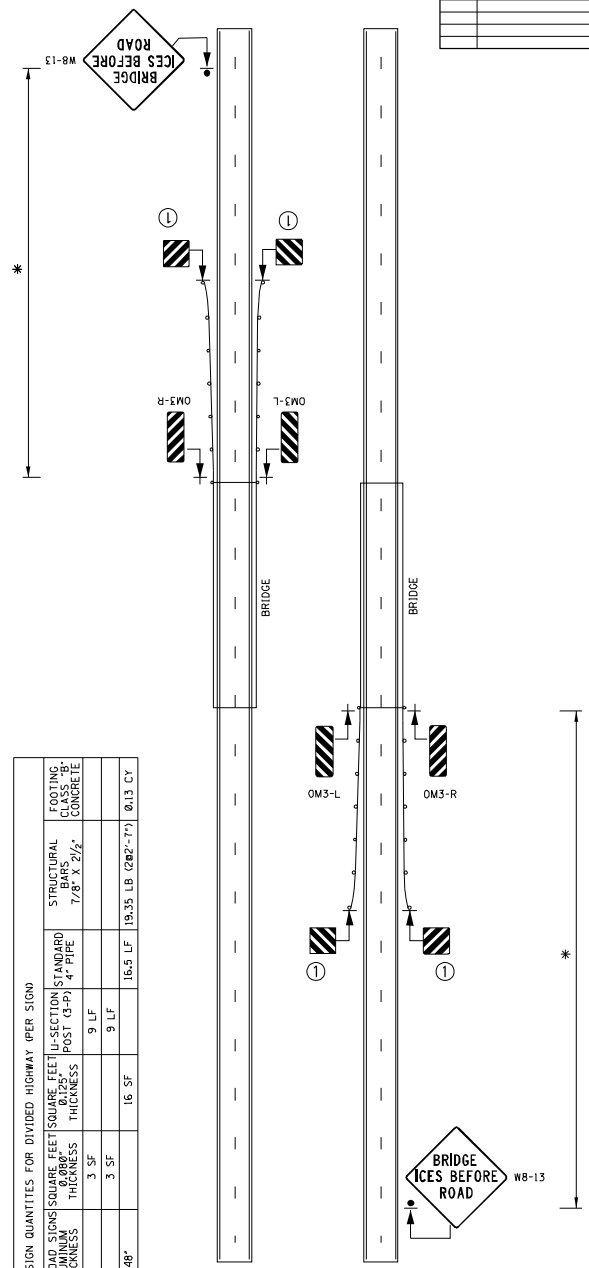
SIGN QUANTITIES FOR DIVIDED HIGHWAY (PER SIGN)

MUTCD NUMBER	STANDARD ROAD SIGN SIZE	STANDARD ROAD SIGN SQUARE FEET	STANDARD ROAD SIGN THICKNESS	U-SECTION STANDARD POST (3-FP)	U-SECTION STANDARD POST (3-FP)	FOOTING (CONCRETE)
OM3-L	12" X 36"	3 SF	3 SF	9 LF	9 LF	0.13 CY
OM3-R	12" X 36"	3 SF	3 SF	9 LF	9 LF	0.13 CY
WB-13	48" X 48"	16 SF	16 SF	16.5 LF	16.5 LF	0.13 CY

TABLE 2C-4
* MUTCD

SPEED (MPH)	MINIMUM PLACEMENT (FEET)
35	100
40	125
45	175
50	200
55	250
60	300
65	400
70	475
75	550

- 45 -
① REFLECTIVE ADHESIVE SHEETING WITH ALTERNATING BLACK AND YELLOW STRIPES (SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION TRAFFIC IS TO PASS) IS REQUIRED ON THE END OF THE TERMINAL END SECTION. NOT A SEPARATE PAY ITEM. COST TO BE ABSORBED IN GUARD RAIL.



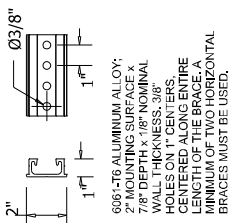
DIVIDED HIGHWAY DETAIL

Leake County

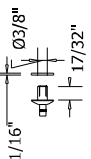
SR 16 Overlay from Carthage to Neshoba County Line

619-D2001					
Standard Roadside Construction Signs, 10 Square Feet or More					
Signs			Sqaure Feet	Number	S.F.
G20-1	60x24	Road Work Next 13 Miles	10	2	20
					0
					0
					0
				Total	20
619-D1001					
Standard Roadside Construction Signs, Less than 10 Sqaure Feet					
Sign			Sqaure Feet	Number	S. F.
W20-1	36x36	Road Work Ahead	9	25	225
G20-2	48x24	End Road Work	8	2	16
R4-1	24x30	Do Not Pass	5	22	110
R4-2	24x30	Pass with Care	5	107	535
W14-3	36x48x48	No Passing Zone	5.6	107	599
				Total	1485
Type III Double Face Barricades			24		
619-G4001					

FLAT PANEL SIGN BRACE

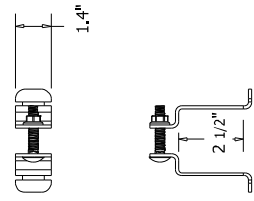


SIGN DRIVE RIVET w/WASHER



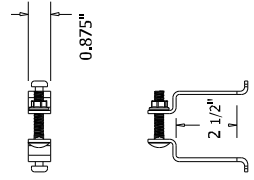
3/8" ALUMINUM SHELL / STEEL CORE RIVET WITH NYLON WASHER. MAXIMUM DISTANCE BETWEEN RIVETS SHOULD BE 12". WASHER SIGN BRACE MUST BE USED FOR ALUMINUM SIGN PANEL. ALL EXTRUDED PANEL SIGNS SHALL USE 3/16"x3/8" GRIP RANGE ALUMINUM POST RIVETS (#66).

FLAT PANEL SIGN CLAMP



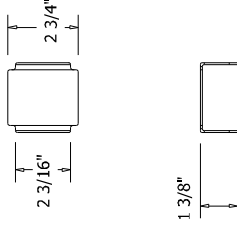
MATERIALS: 1.4" WIDE x 1 1/8" TYPE 304 #2B FINISHED STAINLESS STEEL BRACKET. INCLUDES STAINLESS STEEL SIGN BRACE AND LOCKING WEDGE BOLT AND SEPARATED FLANGED NUT. ONE CLAMP REQUIRED FOR EACH BRACE TO POST JUNCTION.

EXTRUDED PANEL SIGN CLAMP



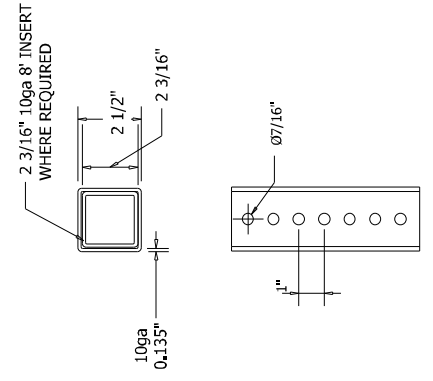
MATERIALS: 1.4" WIDE x 1 1/8" TYPE 304 #2B FINISHED STAINLESS STEEL BRACKET. INCLUDES STAINLESS STEEL SIGN BRACE AND LOCKING WEDGE BOLT AND SEPARATED FLANGED NUT. ONE CLAMP REQUIRED FOR EACH BRACE TO POST JUNCTION.

POST CAP



MADE OF 16GA PREGALVANIZED STEEL WITH AN ID CAPABLE OF FITTING INTO THE INSIDE OF A 2-1/2" SQUARE STEEL POST WITHOUT ANY FASTENERS. A CAST ALUMINUM FRICTION FIT CAP MAY ALSO BE USED.

SIGN POSTS

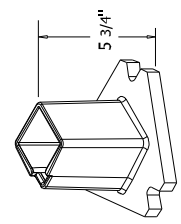


example slip base assembly (detailed below)

NOTES:

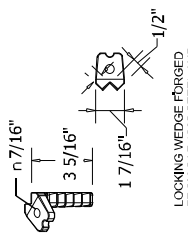
- CONCRETE FOOTINGS FOR EXTRUDED PANEL SIGNS SHALL BE 18" DIAMETER x 48" DEEP. ALL OTHER CONCRETE FOOTINGS SHALL BE MINIMUM 12" DIAMETER x 36" DEEP UNLESS OTHERWISE SPECIFIED IN THE PLANS. IF BAGGED CONCRETE IS USED, THE COST SHALL BE ABSORBED.
- BRASS SHIMS MAY BE USED BETWEEN SLIP PLATES TO LEVEL THE UPPER SLIP PLANE.
- SIGN BRACE CLAMPS ALLOW SIGN BRACE TO BE ADJUSTED UP, DOWN, LEFT OR RIGHT IN ORDER TO ACHIEVE PERFECT POSITION OF SIGN PANEL.

2-1/2" SQUARE POST RECEIVER



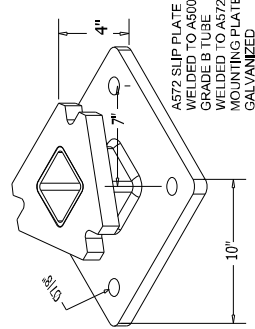
RECEIVER TO BE CAST FROM DUCTILE IRON ASTM A536 CLASS 65-45-12. GALVANIZED PER ASTM A153.

POST LOCKING WEDGE



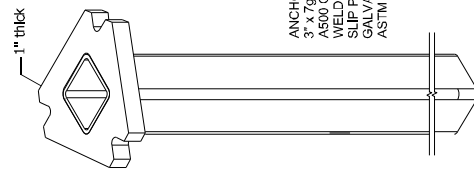
LOCKING WEDGE FORGED STEEL PER ASTM A153. GALVANIZED PER ASTM A153.

SURFACE MOUNT BASE



A572 SLIP PLATE WELDED TO A500 GRADE B TUBE WELDED TO A572 MOUNTING PLATE. GALVANIZED PER ASTM A153.

ANCHOR STUB



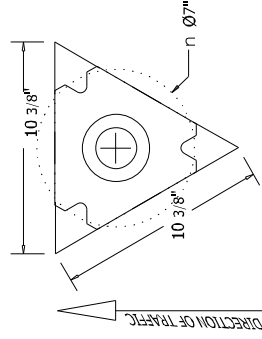
ANCHOR 3" x 7/8" x 36" (OR 3" x 7/8" x 48") A500 GRADE B TUBE WELDED TO A572 SLIP PLATE. GALVANIZED PER ASTM A153.

Notice to Bidders No. 572

	1/2"-13 x 3" GRADE 8 DOUBLE HEX BOLT, GALVANIZE PER ASTM B695 (3 EACH PER KIT)
	5/8" U.S.S. FLAT WASHER ANS B 18.22.1, GALVANIZE PER ASTM B695 (8 EACH PER KIT)
	1/4" SQUARE x 3/16" THICK TEFLON COATED, HARDENED SLIP WASHER (3 EACH PER KIT)
	1/2" SQUARE x 3/8" THICK RANGE NUT GALVANIZE PER ASTM B695 (8 EACH PER KIT)

SLIP BASE MATCH PLATE HARDWARE KIT

SLIP PLATE DIMENSION



PRELIMINARY	DATE 5/2022
NDT FOR CONSTRUCTION	
WORKING NUMBER	TS-1
SHOP NUMBER	
FILE NAME: ISS-L.DGN	
DESIGNER: JED	
CHECKER: JED	
PROJECT NO.	2.5" SQUARE POST
COUNTY:	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SIGN SUPPORT HARDWARE	

PRICE	\$PC\$
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Mill & Overlay approximately 6.7 miles of SR 16 from lane mile 13.195 to 0.5 miles east of the Neshoba County Line and Reconstruction of approximately 6.5 miles of SR 16 from lane mile 19.7 to 0.5 miles east of the Neshoba County Line, known as Federal Aid Project Nos. STBG-0024-03(016) / 108658301 & 302 and CC-9999-09(360) / 109306301 & 302 in Leake & Neshoba Counties.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	202-B009		747	Square Yard	Removal of Asphalt Pavement, Failed Areas
0020	202-B014		2,105	Linear Feet	Removal of Bituminous Curb
0030	202-B063		644	Square Yard	Removal of Concrete Paved Ditch
0040	202-B158		5,855	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0050	202-B240		5,543	Linear Feet	Removal of Traffic Stripe
0060	202-B259		17	Each	Removal of and Replacement of Mailboxes
0070	203-G001	(E)	3,301	Cubic Yard	Excess Excavation, FM, AH
0080	221-A001	(S)	10	Cubic Yard	Concrete Paved Ditch
0090	304-D002	(GT)	8,203	Ton	Granular Material, Crushed Stone
0100	403-A002	(BA1)	28,308	Ton	12.5-mm, MT, Asphalt Pavement
0110	403-A014	(BA1)	12,970	Ton	9.5-mm, MT, Asphalt Pavement
0120	403-B002	(BA1)	154	Ton	12.5-mm, MT, Asphalt Pavement, Leveling
0130	406-D001		251,344	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0140	407-A001	(A2)	28,212	Gallon	Asphalt for Tack Coat
0150	423-A001		25	Mile	Rumble Strips, Ground In
0160	503-C010		1,069	Linear Feet	Saw Cut, Full Depth
0170	605-AA001	(S)	2,773	Square Yard	Geotextile for Subsurface Drainage, Type III
0180	606-B003		5,030	Linear Feet	Guard Rail, Class A, Type 1, 'W' Beam, Metal Post
0190	606-D009		4	Each	Guard Rail, Bridge End Section, Type C
0200	606-D020		8	Each	Guard Rail, Bridge End Section, Type H, Metal Post
0210	606-D023		12	Each	Guard Rail, Bridge End Section, Type I, Metal Post
0220	606-E007		44	Each	Guard Rail, Terminal End Section, Non-Flared
0230	609-E001		2,105	Linear Feet	Bituminous Curb
0240	612-B001		51	Cubic Yard	Flowable Fill, Non-Excavatable
0250	618-A001		1	Lump Sum	Maintenance of Traffic
0260	619-A1001		56	Mile	Temporary Traffic Stripe, Continuous White
0270	619-A2001		29	Mile	Temporary Traffic Stripe, Continuous Yellow
0280	619-A4002		21	Mile	Temporary Traffic Stripe, Skip Yellow
0290	619-A5001		9,117	Linear Feet	Temporary Traffic Stripe, Detail
0300	619-A6002		1,449	Linear Feet	Temporary Traffic Stripe, Legend
0310	619-D1001		1,503	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0320	619-D2001		20	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0330	619-D3001		2	Each	Remove and Reset Signs, All Sizes
0340	619-G4001		24	Linear Feet	Barricades, Type III, Double Faced
0350	620-A001		1	Lump Sum	Mobilization
0360	626-B002		29	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
0370	626-D001		11	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0380	626-E001		14	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0390	626-G004		4,679	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
0400	626-G005		2,272	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
0410	626-H002		722	Linear Feet	Thermoplastic Double Drop Legend, White
0420	627-J001		3,783	Each	Two-Way Clear Reflective High Performance Raised Markers
0430	627-L001		1,879	Each	Two-Way Yellow Reflective High Performance Raised Markers
0440	630-A001		2	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0450	630-A003		153	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0460	630-A005		7	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
0470	630-B002		26	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
0480	630-C001		20	Linear Feet	Square Tube Posts, 4.0 lb/ft
0490	630-C005		230	Linear Feet	Square Tube Posts, 2.0 lb/ft
0500	630-F006		209	Each	Delineators, Guard Rail, White
0510	630-G004		44	Each	Type 3 Object Markers, OM-3R or OM-3L
0520	699-A001		1	Lump Sum	Roadway Construction Stakes
0530	907-410-A002	(A2)	32,970	Gallon	Asphalt for Surface Treatment, Grade CRS-2P
0540	907-410-B002	(GY)	1,266	Cubic Yard	Seal Aggregate Cover Material, Size 89, Limestone
0550	907-424-A001		58,877	Square Yard	Roadbed Reclamation with Cement
0560	907-424-B001		1,682	Ton	Cement
0570	907-425-A001		58,877	Square Yard	Roadbed Reclamation with Emulsified Asphalt
0580	907-425-B001		296,832	Gallon	Emulsified for Roadbed Reclamation
0590	907-808-A002	(S)	3,730	Linear Feet	Joint Repair
0600	907-823-A001		1,865	Linear Feet	Preformed Joint Seal, Type I
0610	907-823-B001		3,730	Linear Feet	Saw Cut, Type I
0620	907-906001		520	Hours	Trainees [\$5.00]