

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> 6/18/2018 </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. 916; Revised Bid Items; Amendment EBS Download Required.

TOTAL ADDENDA: 1
 (Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

 Contractor

BY _____
 Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

_____ President	_____ Address
_____ Secretary	_____ Address
_____ Treasurer	_____ Address

The following is my (our) itemized proposal.

STP-0008-01(139)/ 107746301000

Forrest County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 916

CODE: (SP)

DATE: June 18, 2017

PROJECT: STP-0008-01(139) / 107746301 – Forrest County

SUBJECT: SCOPE OF WORK

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”. All other references to plans in the contract documents and Standard Specifications for Road and Bridge Construction are to be disregarded.

Work on the project shall consist of the following:

**MILL AND OVERLAY HWY 49 FROM CONVENTION CENTER DRIVE
TO BEGINNING OF DIVIDED SECTION;
LEVEL AND OVERLAY HWY 49 FROM DIVIDED SECTION TO 900’ NORTH OF
RAWL SPRINGS ROAD (63+00 to 142+00)**

(A) Prior to the overlay, centerline alignment shall be determined by the Contractor by measuring the existing roadway at 500 feet intervals in tangent sections, and 100 feet intervals in horizontal curves. The existing shoulders shall be clipped and surplus material shall be spread along the edge of the shoulders, fore slopes, or other adjacent areas as directed by the Project Engineer, and will be an absorbed item.

(B) All work requiring a lane closure within the project limits shall be restricted to Sunday thru Thursday nights between the hours of 7:00PM until 6:00 AM. Changes or variances from these restrictions shall be submitted to the Project Engineer for review and written approval. A lane rental fee of \$1,500.00 per full or partial 5 minutes shall be assessed for closures or obstructions that extend beyond the times mentioned above. No exposed signs shall be viewable to the traveling public prior to or after the above-mentioned times. No part of a closure, including drums or cones, shall be in the roadway prior to or after the above-mentioned times. Work requiring a shoulder or lane closure shall begin within one (1) hour of the completion of the closure setup. Lane closures will be allowed only at times when work requiring a lane closure is underway. Failure to begin working within this 1-hour period will result in the Contractor being assessed a lane rental fee of \$1,500.00 for each full or partial five-minute period until work has begun. A lighting plan for night operations must be submitted to MDOT and approved prior to any nighttime operations.

(C) Fine Mill 1.5” & Variable on HWY 49 from Convention Center Drive to the beginning of the divided section (6,100’ +/-) from edge of pavement to edge of pavement (74,000SY +/-). Fine Mill 1.5” and variable at all the transitions including B.O.P., bridges and all local road tie-ins from the beginning of the divided section to 900’ North of Rawl Springs Road. All fine milled areas shall be

backfilled with asphalt within 5 days of milling. All milled material shall become property of the Contractor.

(D) Overlay HWY 49 with 1.5" 9.5mm HT Asphalt Pavement from Station 63+00 to Station 142+00 (Approximately 11,500 Tons). Prior to the overlay, a leveling course of 3/4" 9.5mm HT Asphalt Pavement will be required from Station 124+00 to 142+00 (Approximately 4,000 Tons). Smoothness tolerance will be governed by 2017 Mississippi Standard Specifications for Road and Bridge Construction , Section 403, Category B. Existing paved outside shoulders; publicly maintained roads or streets shall be surfaced to the existing R.O.W.; privately owned entrances shall be surfaced a distance of 10 feet & variable from edge of pavement (Approximately 2,500 Tons 9.5mm ST Asphalt Pavement). Any site grading at local roads or drives will not be measured for separate payment but will be considered an absorbed item. Cross slopes shall be maintained to achieve a uniform cross slope of 2%. If water stands when project is complete, the contractor shall correct at no additional cost to the State.

(E) Raise the existing shoulders to match the new pavement elevation by placing 2.25" & variable depth 825 Crushed Stone on the shoulders where concrete curb and gutter is not present. Placement of the crushed stone on the finished surface course shall not be permitted. The material shall be bladed, rolled and compacted to a finished slope of 4% where practical. Shoulders with existing adequate shoulder material in place shall be bladed to a slope of 4%, the cost of which shall be included in the prices of other items bid.

(F) Temporary striping shall conform to finished stripe specifications for alignment, neatness, reflectivity, and straightness. All permanent pavement markings are to be hot thermoplastic. Edge lines will be placed so as to maintain the original lane width. Glass beads applied to thermoplastic shall conform to Section Number - 720.01(Beads shall be double dropped Class B, High-Visibility first and then Class A, High-Visibility.) Special care should be taken for the placement of Thermoplastic Detail Stripe along the edge of pavement at turn-outs on all local roads and along tapers where Detail Stripe is required as per Typical PMD-1. Cold Plastic traffic stripe shall be removed from I-59 overpass and replaced with Thermoplastic Traffic Stripe. Any pavement management markings encountered shall be marked and replaced with 4' of 6" white thermoplastic stripe placed at and perpendicular to centerline. Additionally, 4' of 6" white thermoplastic stripe shall be placed at the BOP & EOP. The cost of placing pavement management markings shall not be measured for separate pay. Interstate shield shall be placed in their existing location and shall be located by the contractor prior to milling operation. Existing stripe in the Northbound lane of HWY 49 between Convention Center Drive and Interstate 59 (concrete section) shall be removed and replaced.

(G) Raised pavement markers will be placed as per sheet PM-1 of the Standard Drawings. Any removal of existing raised pavement markers or rumble bars shall be considered an absorbed item. Only flexible adhesive shall be allowed for placement of raised pavement markers meeting the requirements of 720.03.7.7 of the 2017 Mississippi Standard Specifications for Road and Bridge.

(H) Existing asphalt curb in the Southbound Lane between Convention Center Drive and Classic Drive shall be removed and replaced with Concrete Header Curb. Removal of asphalt curb shall be

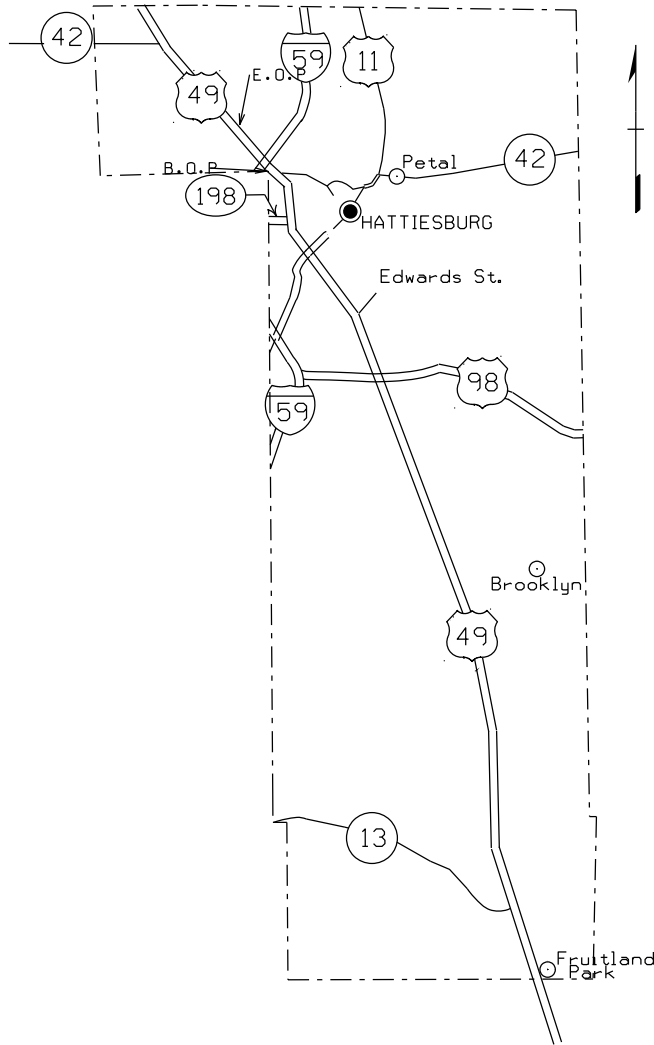
paid under 202-B003 (Removal of Asphalt Curb). Concrete pavement between Convention Center Drive and Interstate 59 is to be repaired (Punch-outs) 3'x10'x9" at 6 locations between Station 63+00 - 65+00 in the Northbound Lane. Placement of concrete pavement shall be paid under 501-A003, 501-E001 and 503-E002). Twenty (20) square yards of concrete removal shall be paid under 202-B073. Contractor shall make necessary modifications to ensure that the roadway is open within the time limits stipulated in section (B).

(I) Existing transverse joints shall be located and marked in such a manner as to be readily located after milling and paving operations are complete.

The contractor shall erect and maintain construction signing, and provide all signs and traffic handling devices, and shall provide two portable R16-3 signs per work zone or lane closure in addition to signs required by standard drawings in accordance with Manual Uniform Traffic Control Devices (MUTCD) (the cost is to be included in the price bid for pay item No. 618-A, Maintenance of Traffic).

Incidental work such as removing vegetation, shaping and compaction of shoulder, removing excess asphalt material, project clean-up, and other incidental work necessary to complete the project will not be measured for separate payment, but will be included in other bid items, and must be performed during the operating hours for this project.

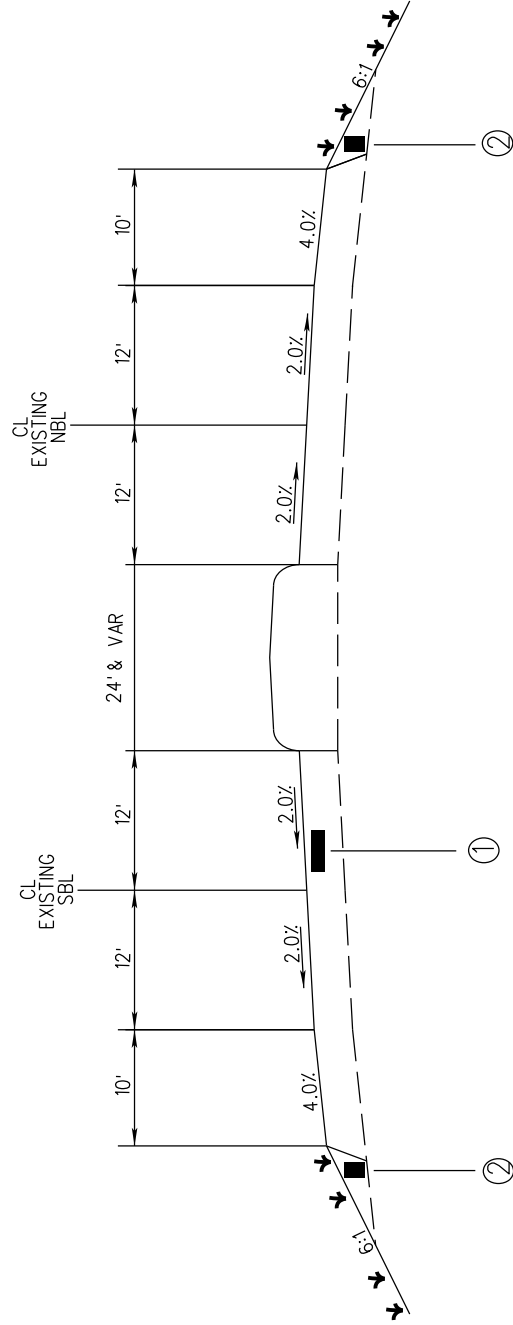
STP-0008-01(139) / 107746-301000
FORREST CO.



THE ABOVE REFERENCED PROJECT IS FOR THE
MILL AND OVERLAY / LEVEL AND OVERLAY
OF +/- 2.6 MILES OF HWY 49
FROM THE CONVENTION CENTER DRIVE TO
THE BEGINNING OF CONCRETE SECTION +/- .2
MILES NORTH OF RAWL SPRINGS ROAD.

107746/301000
FORREST COUNTY

FROM CONVENTION CENTER DRIVE TO CONCRETE
SECTION +/- .2 MILES NORTH OF RAWL SPRINGS ROAD



TYPICAL SECTION No. 1

MILL AND OVERLAY

STATION LIMITS

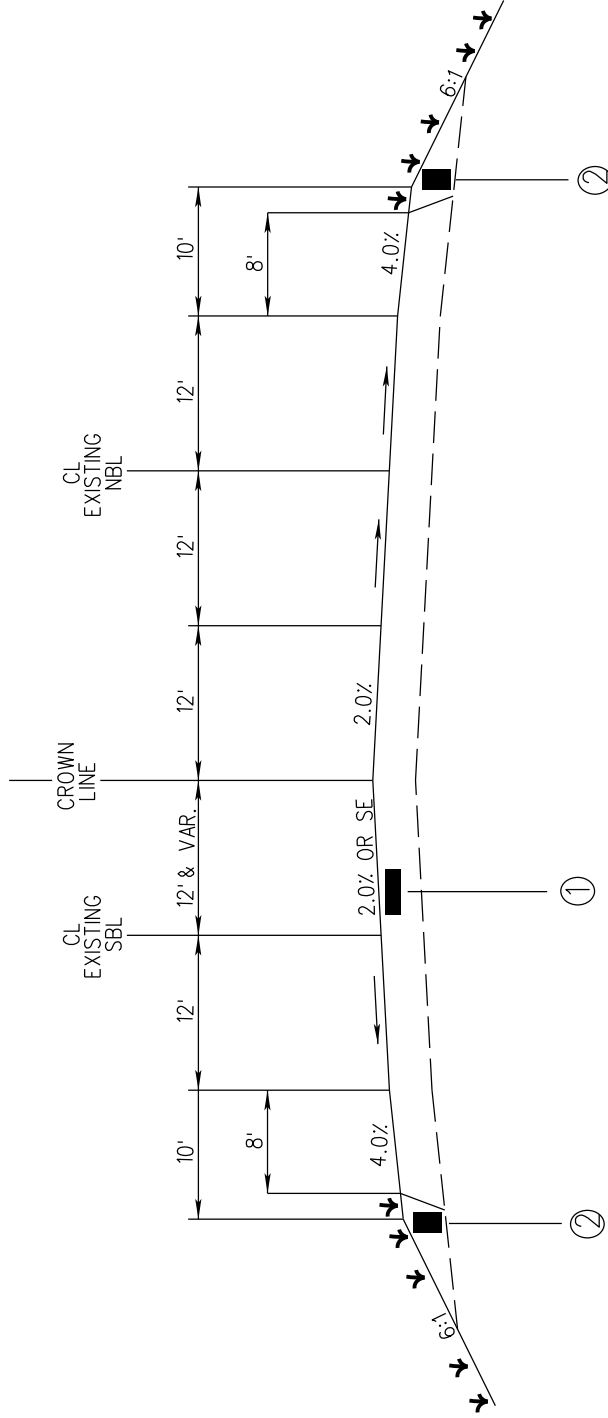
STA 63+00 TO STA 74+00

① 1.5" MILL TO BE REPLACED WITH 1.5" 9.5mm ASPHALT

② VARIABLE SIZE 825B CRUSHED STONE BASE

107746/301000
FORREST COUNTY

FROM CONVENTION CENTER DRIVE TO CONCRETE
SECTION +/- .2 MILES NORTH OF RAWL SPRINGS ROAD



TYPICAL SECTION No. 2

MILL AND OVERLAY

STATION LIMITS

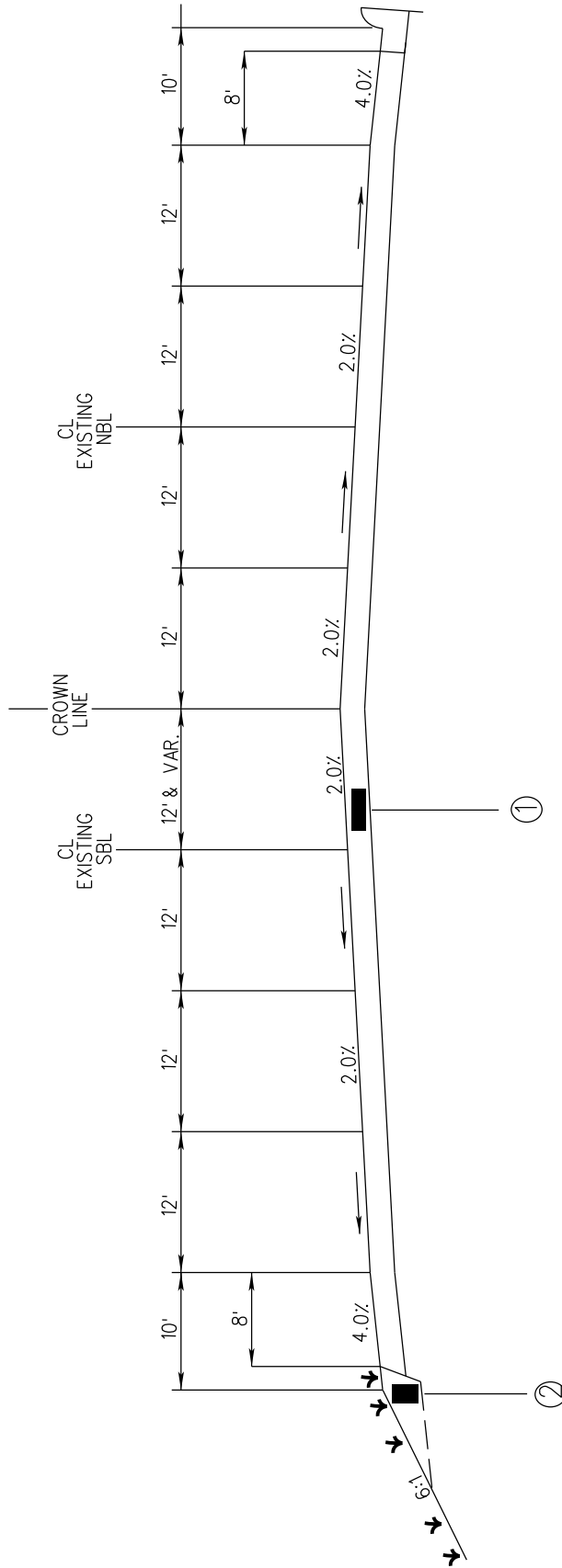
STA 74+00 TO STA 85+00

- ① 1.5" MILL TO BE REPLACED WITH 1.5" 9.5mm ASPHALT
- ② VARIABLE SIZE 825B CRUSHED STONE BASE

107746/301000

FORREST COUNTY

FROM CONVENTION CENTER DRIVE TO CONCRETE
SECTION +/- .2 MILES NORTH OF RAWL SPRINGS ROAD



TYPICAL SECTION No. 3

MILL AND OVERLAY

STATION LIMITS

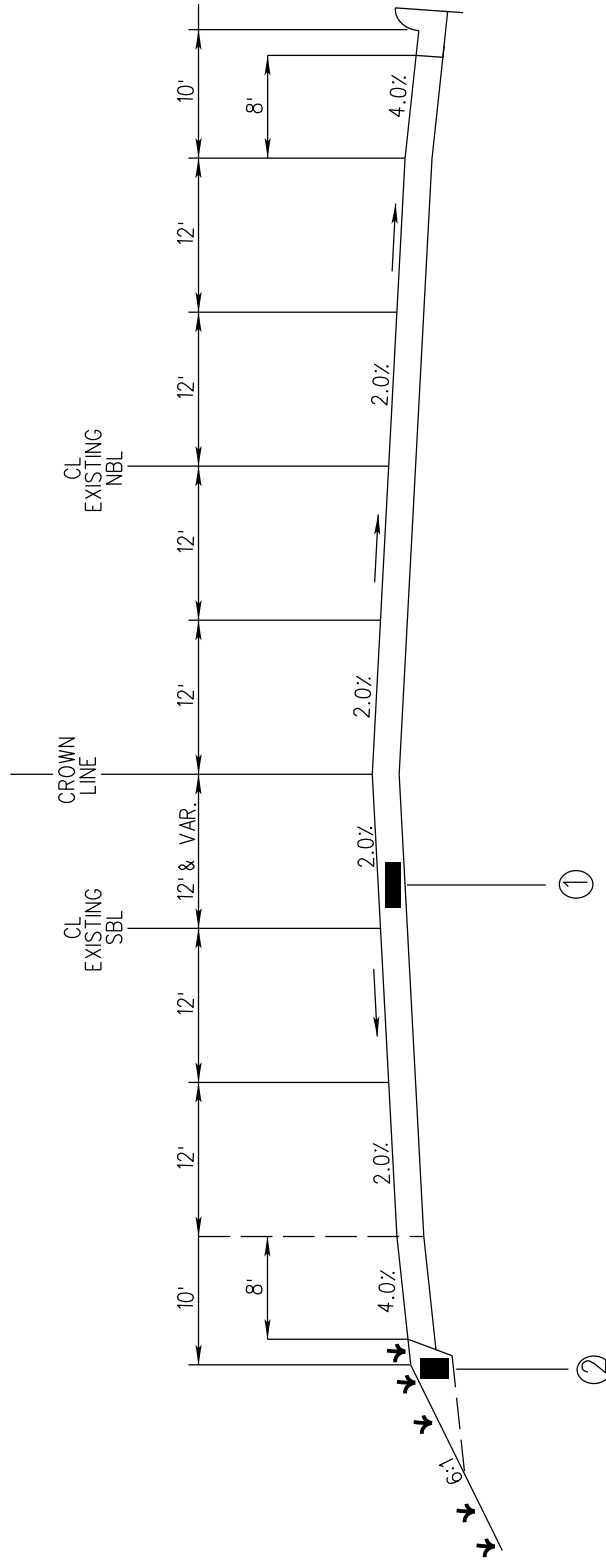
STA 85+00 TO STA 98+50

① 1.5" MILL TO BE REPLACED WITH 1.5" ASPHALT

② VARIABLE SIZE 825B CRUSHED STONE BASE

107746/301000
FORREST COUNTY

FROM CONVENTION CENTER DRIVE TO CONCRETE
SECTION +/- .2 MILES NORTH OF RAWL SPRINGS ROAD



TYPICAL SECTION No. 4

MILL AND OVERLAY

STATION LIMITS

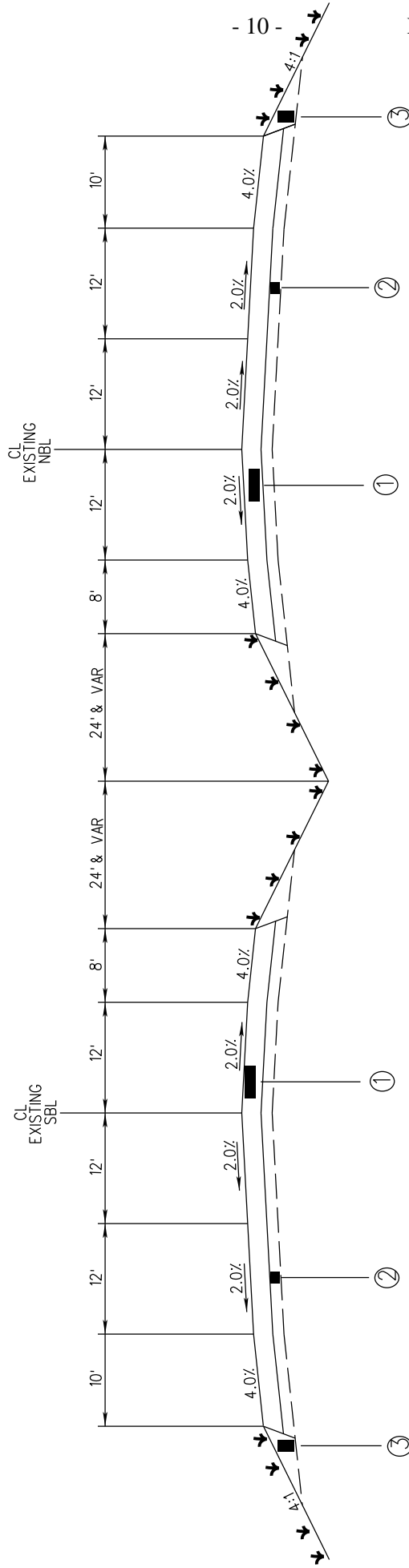
STA 98+50 TO STA 111+00

- ① 1.5" MILL TO BE REPLACED WITH 1.5" 9.5mm ASPHALT
- ② VARIABLE SIZE 825B CRUSHED STONE BASE

107746/301000

FORREST COUNTY

FROM CONVENTION CENTER DRIVE TO CONCRETE
SECTION +/- .2 MILES NORTH OF RAWL SPRINGS ROAD



Notice To Bidders No. 916 -- Cont'd.

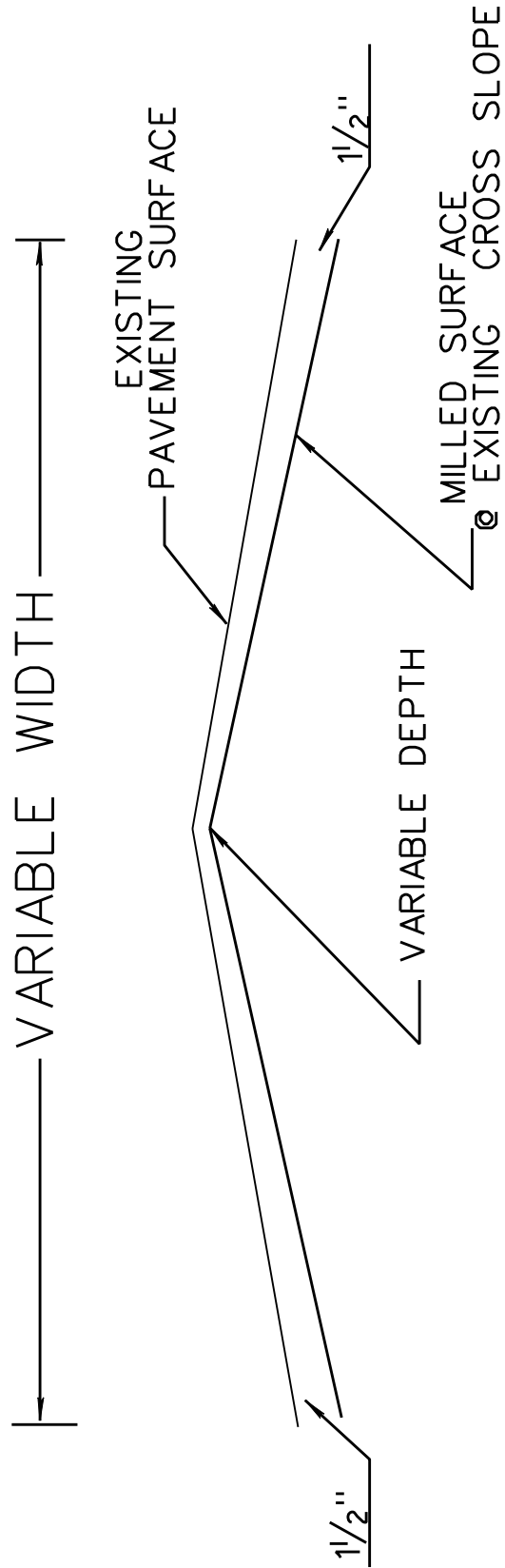
TYPICAL SECTION No. 6
LEVELING AND OVERLAY

STATION LIMITS

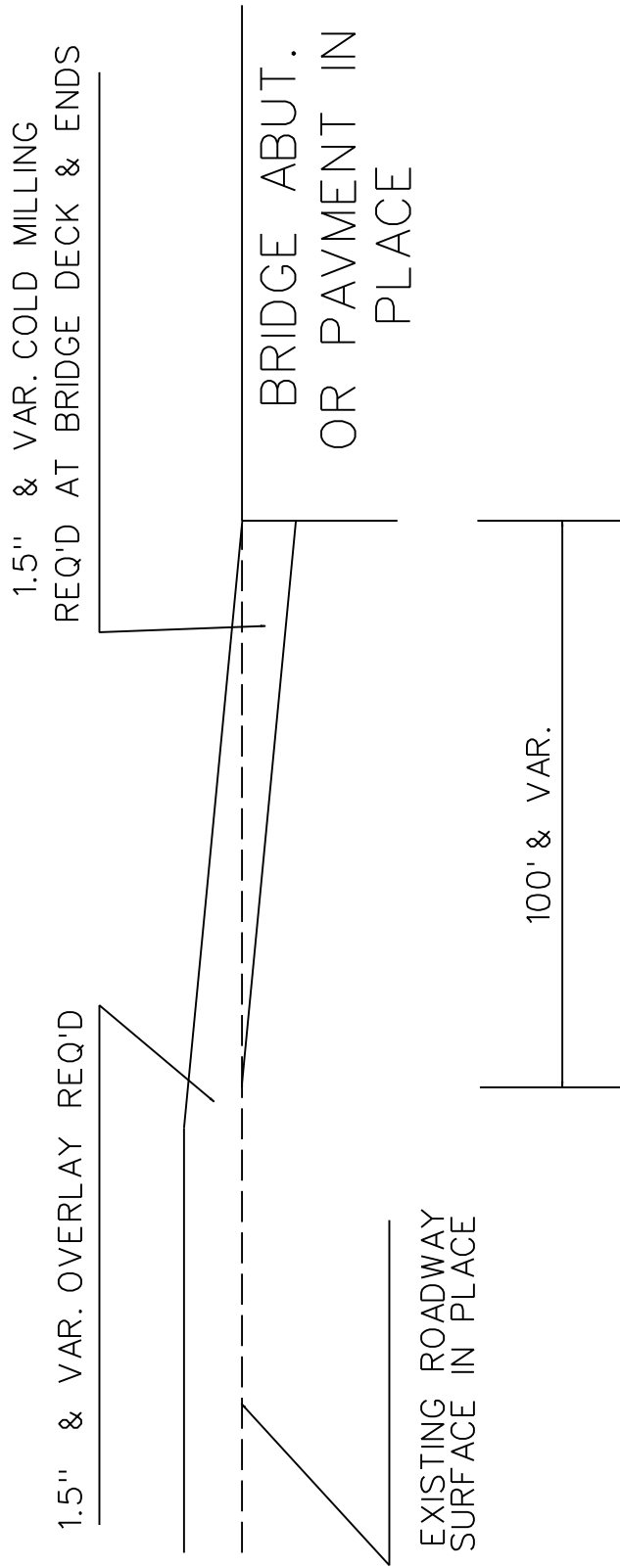
STA 124+00 TO STA 142+00

- ① 1.50" 9.5mm ASPHALT PAVEMENT
- ② 3/4" 9.5mm ASPHALT PAVEMENT, LEVELING
- ③ 2" SIZE 825B CRUSHED STONE BASE

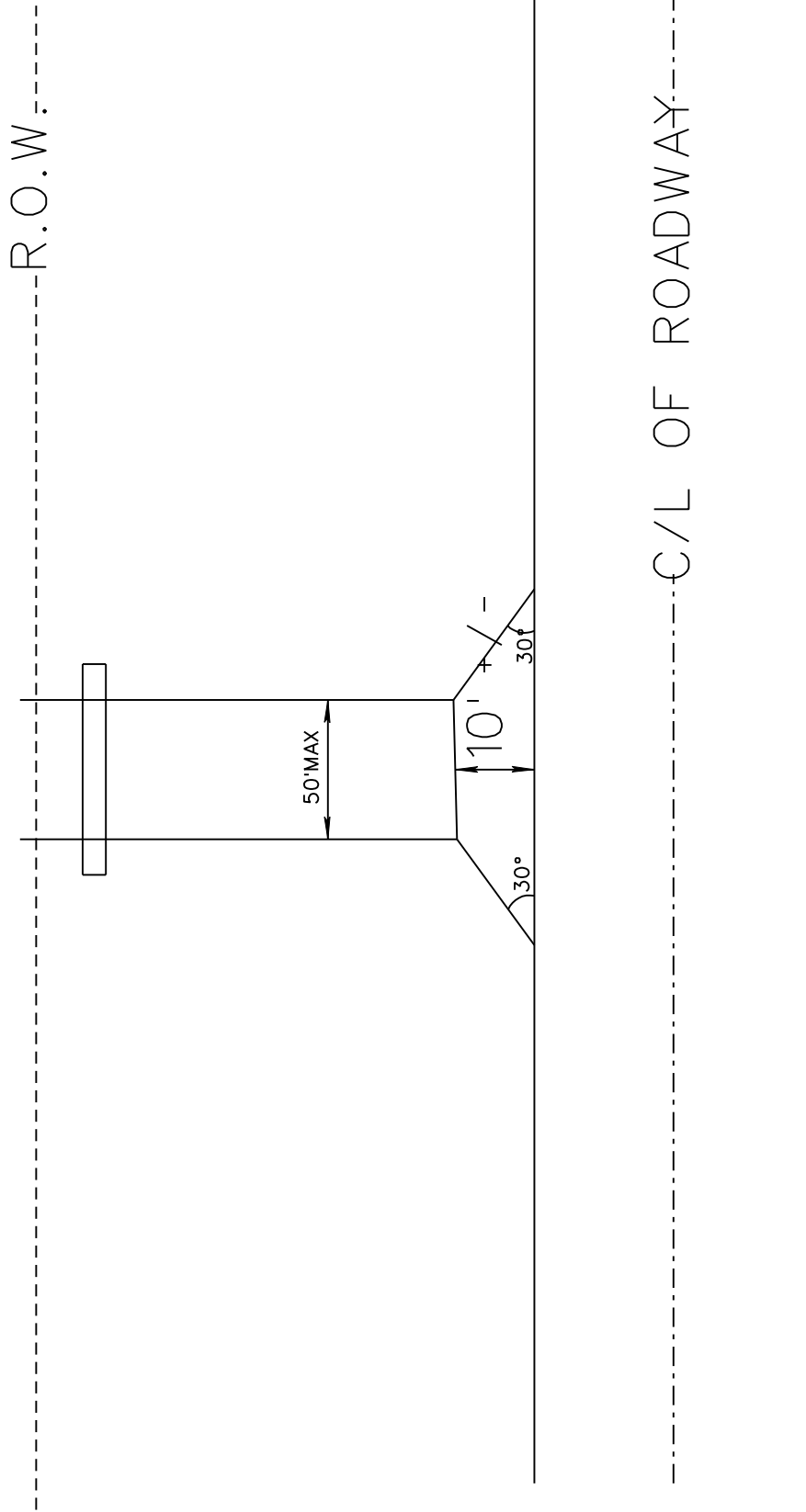
TYPICAL MILLING DIAGRAM



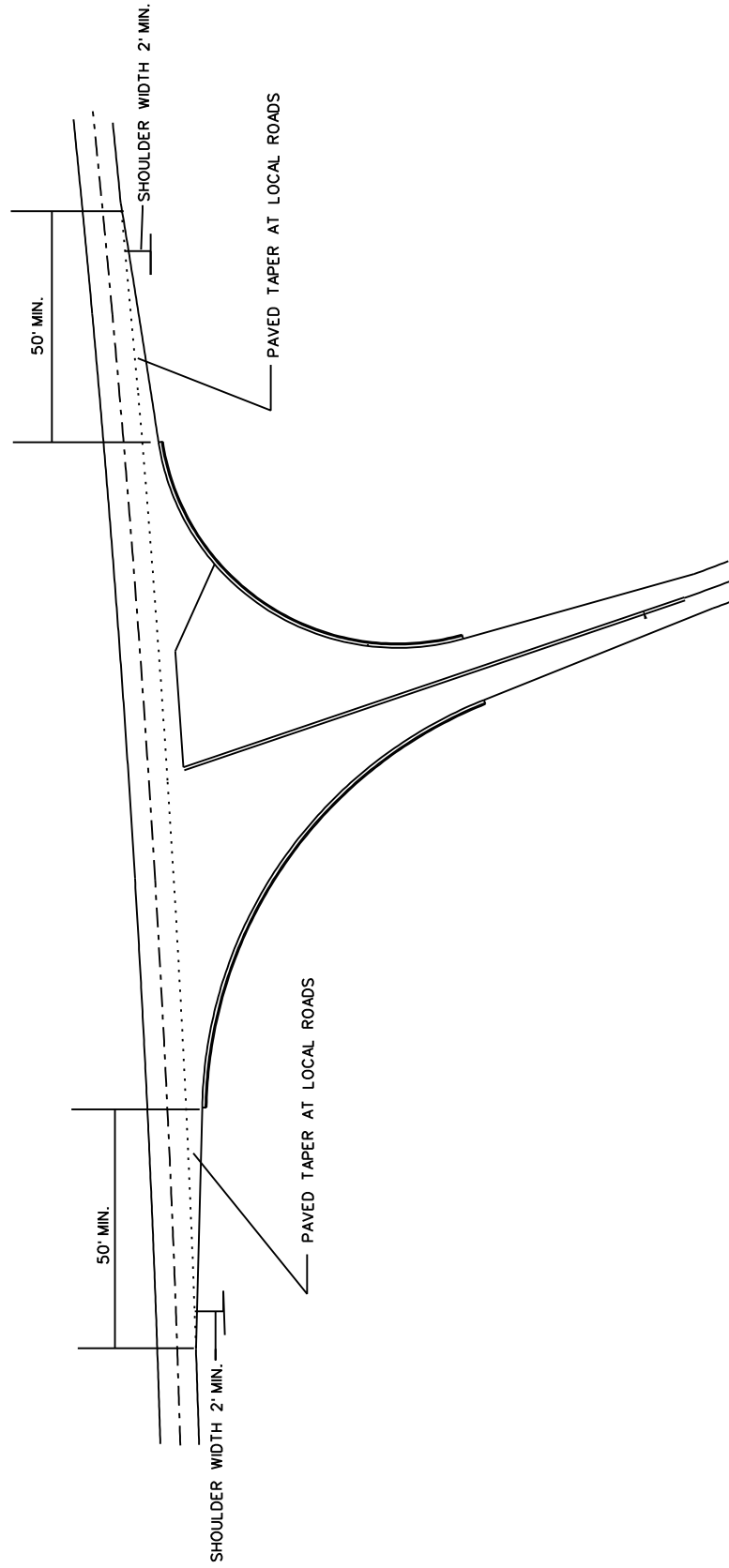
TYPICAL MILLED TRANSITION AT BRIDGE ABUT. OR PAVEMENT IN PLACE



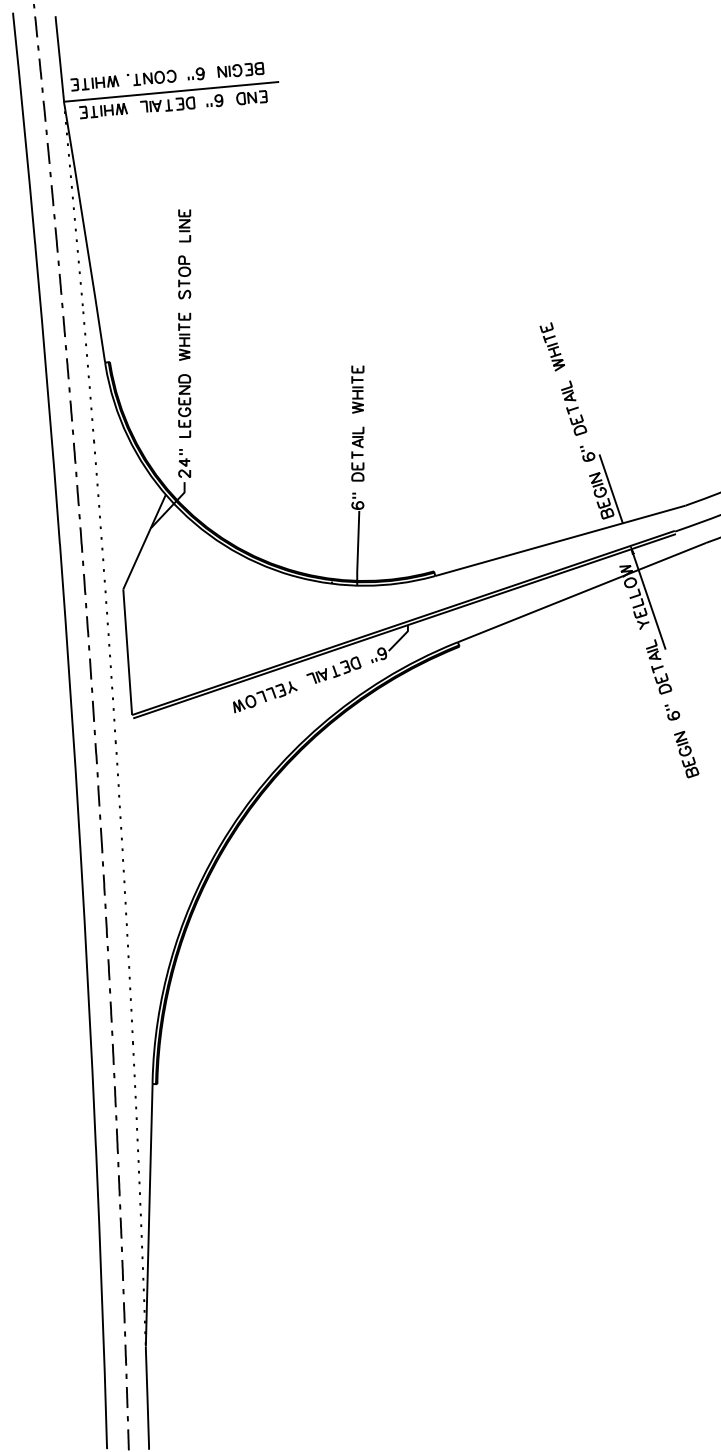
PRIVATE DRIVEWAY DETAIL



TYPICAL FOR PAVED TAPER AT LOCAL ROADS



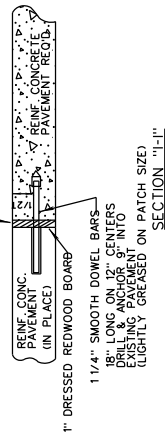
TYPICAL STRIPING FOR SIMPLE INTERSECTION AT LOCAL ROADS



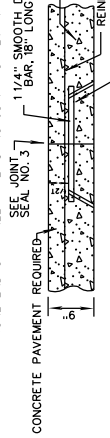
FMS CON.

STATE	PROJECT NO.
MISS.	

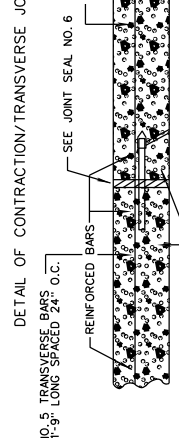
SEE JOINT SEAL NO. 6



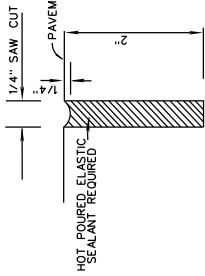
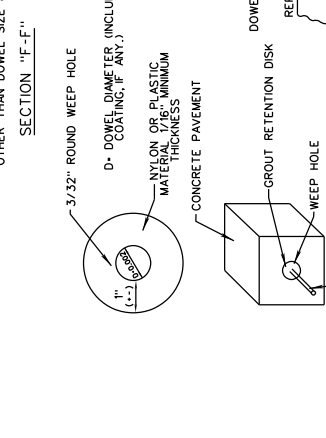
DETAIL OF EXPANSION JOINT REPLACEMENT (ONE END OF PANEL AT EXISTING JOINT TO REMAIN)



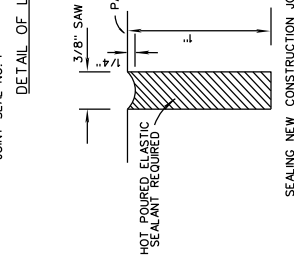
DETAIL OF CONTRACTION/TRANSVERSE JOINT



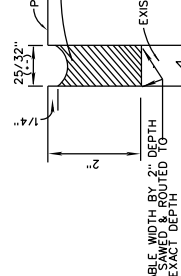
DETAIL OF ANCHORING MATERIAL RETENTION DISK FOR FULL DEPTH REPAIR DOWEL INSTALLATION



DETAIL OF LONGITUDINAL JOINTS



DETAIL OF CONTRACTION JOINTS



DETAIL OF EXPANSION JOINTS



DETAILS OF CLEANING AND FILLING JOINTS



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DETAIL OF EXISTING REINFORCED CONCRETE PAVEMENT JOINT REPAIR

PROJ. NO.:
COUNTY:

FILE NAME: PR-2.DGN
DATE:

DATE	REVISION

WORKING NUMBER: PR-2
SHEET NUMBER: 19

Overlay of US 49 from Convention Center Drive to 900' North of Rawls Springs Rd., known as Federal Aid Project No. STP-0008-01(139) / 107746301 in Forrest County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	202-B003		870	Linear Feet	Removal of Asphalt Curb
0012	202-B073		20	Square Yard	Removal of Concrete Pavement, All Depths
0020	202-B240		3,000	Linear Feet	Removal of Traffic Stripe
0030	304-F003	(GT)	200	Ton	Size 825B Crushed Stone Base
0040	403-A013	(BA1)	11,500	Ton	9.5-mm, HT, Asphalt Pavement
0050	403-A015	(BA1)	2,500	Ton	9.5-mm, ST, Asphalt Pavement
0060	403-B010	(BA1)	4,000	Ton	9.5-mm, HT, Asphalt Pavement, Leveling
0070	406-D001		74,000	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0080	407-A001	(A2)	14,000	Gallon	Asphalt for Tack Coat
0090	413-E001		19,500	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0100	423-A001		7	Mile	Rumble Strips, Ground In
0110	501-A003	(C)	20	Square Yard	9" Reinforced Cement Concrete Pavement, Broom Finish
0120	501-E001		60	Linear Feet	Expansion Joints, Without Dowels
0130	503-C007		60	Linear Feet	Saw Cut, 7-inch
0140	503-C008		30	Linear Feet	Saw Cut, 8-inch
0150	503-D001		8	Cubic Yard	Concrete for Base Repair
0160	503-E002		30	Each	Tie Bars, No. 5 Deformed Drilled and Epoxied or Grouted
0170	609-B002	(S)	870	Linear Feet	Concrete Curb, Header
0180	618-A001		1	Lump Sum	Maintenance of Traffic
0190	618-B001		1	Square Feet	Additional Construction Signs [\$10.00]
0200	619-A1001		8	Mile	Temporary Traffic Stripe, Continuous White
0210	619-A2001		13	Mile	Temporary Traffic Stripe, Continuous Yellow
0220	619-A3001		17	Mile	Temporary Traffic Stripe, Skip White
0230	620-A001		1	Lump Sum	Mobilization
0240	626-A004		4	Mile	6" Thermoplastic Traffic Stripe, Skip White
0250	626-B002		8	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
0260	626-D003		1	Mile	6" Thermoplastic Traffic Stripe, Skip Yellow
0270	626-E004		6	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow
0280	626-G002		16,700	Linear Feet	Thermoplastic Detail Stripe, White
0290	626-G003		8,800	Linear Feet	Thermoplastic Detail Stripe, Yellow
0300	626-H004		1,950	Square Feet	Thermoplastic Legend, White
0310	627-C001		550	Each	Red-Clear Reflective Raised Markers

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0320	627-D001		550	Each	Two-Way Yellow Reflective Raised Markers
0330	907-626-H002		3	Each	Thermoplastic Legend, Interstate Shield