

**SECTION 905 -- PROPOSAL (CONTINUED)**

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.   1   DATED   5/14/2012        ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_  
 ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_      ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_

Number	Description
1	Revised Table of Contents,replace same;Add Supplement to NTB No 3770;Revised NTB Nos. 3857 & 3858, replaces same;Add SP No. 907-702-3;Revised Bid Sheets,replace same;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-9999-01(009) / 106353301 & 302      Pontotoc & Union County(ies)

Revised 09/21/2005

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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906-            :    FHWA 1273, with Supplement, Executive Order, & Wage Rates

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- CONTINUED ON NEXT PAGE -

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907-618-4: Placement of Temporary Traffic Stripe  
907-625-1: Painted Traffic Markings  
907-702-3: Polyphosphoric Acid(PPA) Modification of Petroleum Asphalt Cement  
907-710-1: Fast Dry Solvent Traffic Paint

SECTION 905 - PROPOSAL, PROPOSAL BID SHEETS  
COMBINATION BID PROPOSAL  
CERTIFICATION OF PERFORMANCE - PRIOR FEDERAL-AID CONTRACTS  
CERTIFICATION REGARDING NON-COLLUSION, DEBARMENT AND SUSPENSION  
SECTION 902- CONTRACT FORM, AND SECTION 903 - CONTRACT BOND FORMS  
FORM -- OCR-485

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

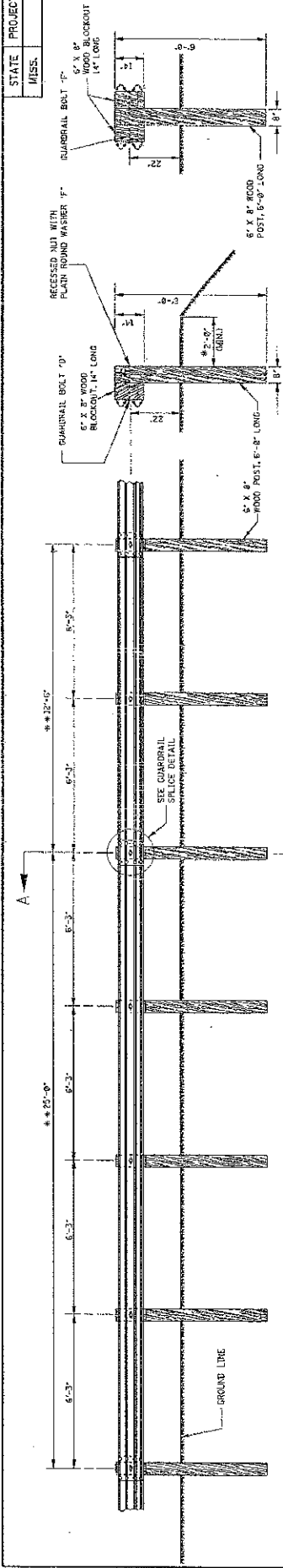
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SUPPLEMENT TO NOTICE TO BIDDERS NO. 3770**

**DATE: 05/10/2012**

**PROJECT: STP-9999-01(009) / 106353301 – DISTRICT ONE**

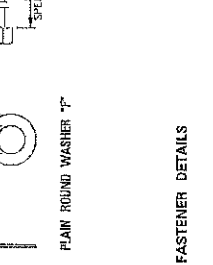
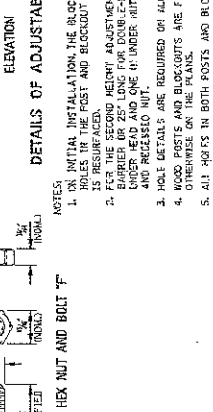
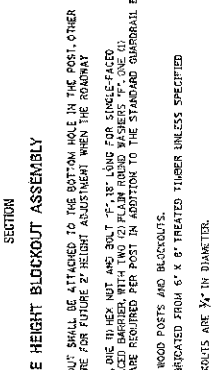
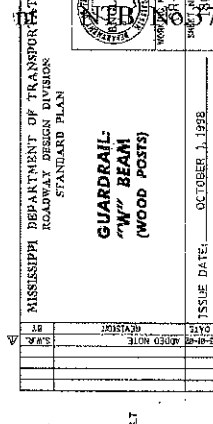
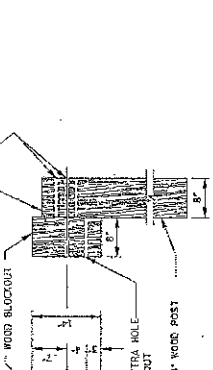
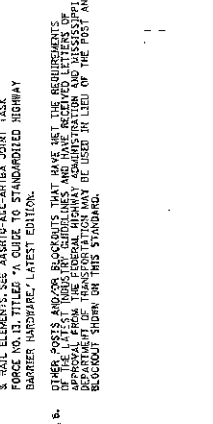
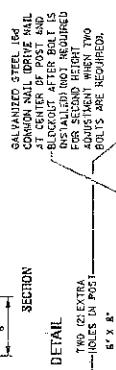
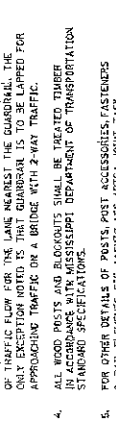
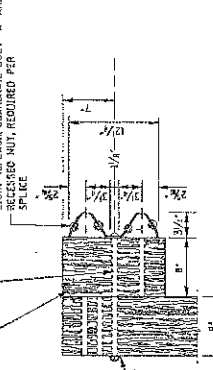
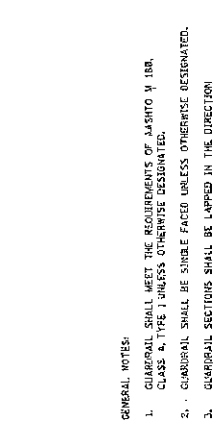
After the last drawing on page 19, add the following:



**SECTION A-A**  
SINGLE-FACED BARRIER

**SECTION A-A**  
DOUBLE-FACED BARRIER

\* NOTE: UNLESS SPECIFIED OTHERWISE ON THE PLANS.



**GUARDRAIL BOLTS**

BOLT	L	T	W
1/2"	18"	1/2"	1/2"
3/4"	24"	1/2"	1/2"
1"	30"	1/2"	1/2"

- GENERAL NOTES:**
- GUARDRAIL SHALL MEET THE REQUIREMENTS OF AASHTO M. IRR. CLASS 4, TYPE 1 UNLESS OTHERWISE DESIGNATED.
  - GUARDRAIL SHALL BE SINGLE FACED UNLESS OTHERWISE DESIGNATED.
  - GUARDRAIL SECTIONS SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW FOR THE LANE NEAREST THE GUARDRAIL. THE ONLY EXCEPTION NOTED IS THAT GUARDRAIL IS TO BE LAPPED FOR APPROACHING TRAFFIC ON A BRIDGE WITH 2-WAY TRAFFIC.
  - ALL WOOD POSTS AND BLOCKOUTS SHALL BE TREATED TUMBER IN ACCORDANCE WITH MISSISSIPPI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
  - FOR OTHER DETAILS OF POSTS, POST ACCESSORIES, FASTENERS & RAIL ELEMENTS, SEE AASHTO-AAC-AUTETA JOINT TASK FORCE NO. 12, TITLED "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE," LATEST EDITION.
- OTHER NOTES:**
- OTHER POSTS AND BLOCKOUTS THAT HAVE MET THE REQUIREMENTS OF THE LATEST AASHTO-AAC-AUTETA JOINT TASK FORCE NO. 12, TITLED "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE," LATEST EDITION, AND HAVE RECEIVED LETTERS OF APPROVAL FROM THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION MAY BE USED IN LIEU OF THE POST AND BLOCKOUT SHOWN ON THIS STANDARD.

- NOTES:**
- ON INITIAL INSTALLATION THE BLOCKOUT SHALL BE ATTACHED TO THE BOTTOM HOLE IN THE POST. OTHER POST AND BLOCKOUT USE FOR FUTURE HEIGHT ADJUSTMENT WHEN THE ROADWAY IS RESURFACED.
  - FOR THE SECOND HEIGHT ADJUSTMENT ONE TO HEX NUT AND BOLT 7/8" LONG FOR SINGLE-FACED BARRIER OR 25" LONG FOR DOUBLE-FACED BARRIER WITH TWO (2) PLAIN ROUND WASHERS 1/2" ONE (1) WOOD POST AND ONE (1) UNDER NUT ARE REQUIRED PER POST IN ADDITION TO THE STANDARD GUARDRAIL BOLT AND RECESSED NUT.
  - HOLE DETAILS ARE REQUIRED ON ALL WOOD POSTS AND BLOCKOUTS.
  - WOOD POSTS AND BLOCKOUTS ARE FABRICATED FROM 6' x 8' TREATED TUMBER UNLESS SPECIFIED OTHERWISE ON THE PLANS.
  - ALL HOLES IN BOTH POSTS AND BLOCKOUTS ARE 3/4" IN DIAMETER.

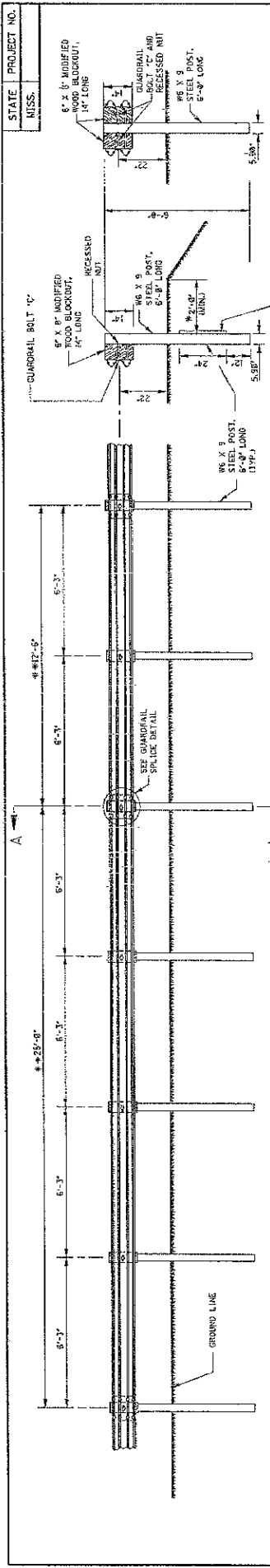
MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

**GUARDRAIL**  
"W" BEAM  
(WOOD POSTS)

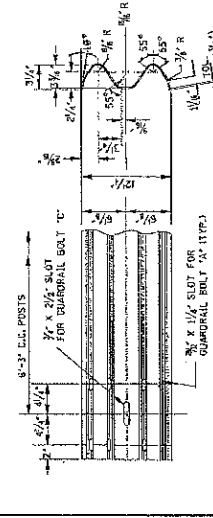
WORKSHEET NO. 1  
DATE: OCTOBER 3, 1978

**NOTES:**

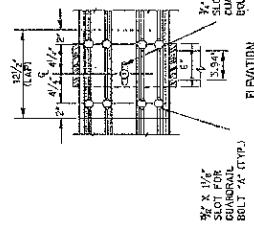
- ALL GUARDRAIL BOLTS ARE 3/4" - 11 UNC. THREAD FITCH.
- IF ANY BOLT EXTENDS MORE THAN 1/2" FROM THE NUT, THE BOLT SHOULD BE TRIMMED BACK.
- GUARDRAIL BOLT 1/2" IS USED FOR SINGLE-FACED BARRIER AND 3/4" IS USED FOR DOUBLE-FACED BARRIER.



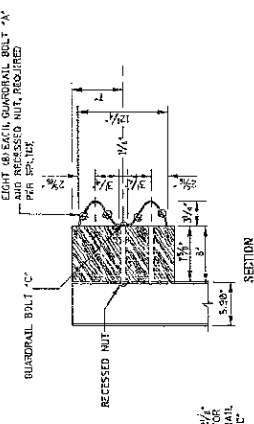
ELEVATION FROM ROADWAY  
\* \* \* NOTE: OPTIONAL BEAM LENGTH.



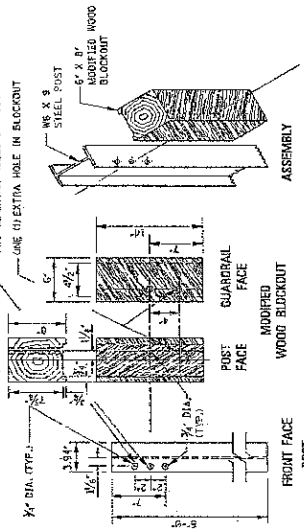
TYPICAL GUARDRAIL SECTION



GUARDRAIL SPLICE DETAIL

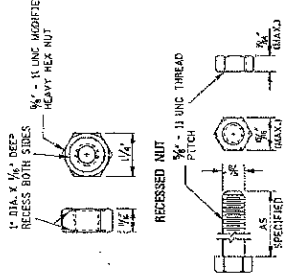


SECTION

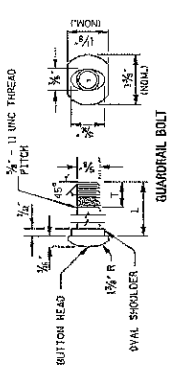


DETAILS OF ADJUSTABLE HEIGHT BLOCKOUT ASSEMBLY

- NOTES:
1. ON INITIAL INSTALLATION, THE MODIFIED WOOD BLOCKOUT SHALL BE FASTENED TO THE BOTTOM ANGLE IN THE STEEL POST. OTHER HOLES IN THE STEEL POST AND THE MODIFIED WOOD BLOCKOUT ARE FOR FUTURE 2" HEIGHT ADJUSTMENTS WHEN THE ROADWAY IS RESURFACED.
  2. AN ADDITIONAL GUARDRAIL BOLT "C" AND RECESSED NUT IS REQUIRED FOR THE SECOND HEIGHT ADJUSTMENT.
  3. HOLE DETAILS ARE REQUIRED ON ALL STEEL POSTS AND MODIFIED WOOD BLOCKOUTS.
  4. STEEL POSTS ARE FABRICATED FROM 86 X 8 STRUCTURAL STEEL SHAPES.
  5. MODIFIED WOOD BLOCKOUTS ARE FABRICATED FROM 4" X 8" TREATED LUMBER UNLESS SPECIFIED OTHERWISE ON THE PLANS.
  6. ALL HOLES IN BOTH STEEL POSTS AND MODIFIED WOOD BLOCKOUTS ARE 3/4" IN DIAMETER.



REPPRESSED NUT

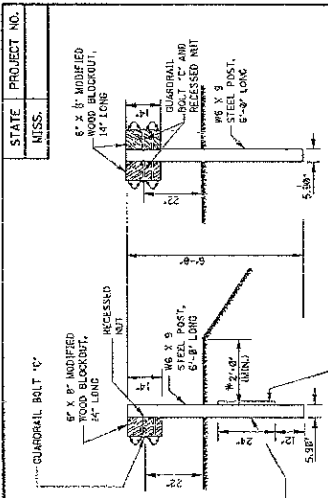


GUARDRAIL BOLT

GUARDRAIL BOLTS	
BOLT	L (MIN)
A	1 1/2
B	2
C	3 1/2

- NOTES:
1. ALL GUARDRAIL BOLTS ARE 3/4" - 11 UNC THREAD PITCH.
  2. IF ANY BOLT EXTENDS MORE THAN 1/2" FROM THE NUT, THE BOLT SHOULD BE TRIMMED BACK.

FASTENER DETAILS



SECTION A-A

DOUBLE-FACED BARRIER

\* NOTE: UNLESS SPECIFIED OTHERWISE ON THE PLANS.

GENERAL NOTES:

1. GUARDRAIL SHALL MEET THE REQUIREMENTS OF ASHTO M 189, CLASS A, TYPE 1 UNLESS OTHERWISE DESIGNATED.
2. GUARDRAIL SHALL BE SINGLE FACED UNLESS OTHERWISE DESIGNATED.
3. GUARDRAIL SECTIONS SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW FOR THE LANE NEAREST THE GUARDRAIL. THE ONLY EXCEPTION NOTED IS THAT GUARDRAIL IS TO BE LAPPED FOR APPROACHING TRAFFIC ON A BRIDGE WITH 2-WAY TRAFFIC.
4. STEEL POSTS SHALL CONFORM TO ASHTO M 182/A 182M OR ASTM A 768/A 768M (EXCEPT ULTRASONIC TESTING). THEY SHALL BE GALVANIZED IN ACCORDANCE WITH ASHTO M 101 EXCEPT WHEN OTHERWISE SPECIFIED. STEEL POSTS SHALL CONFORM TO ASHTO M 222/A 222M AND SHALL NOT BE PAINTED OR GALVANIZED. NO PUNCHING, DRILLING OR CUTTING WILL BE PERMITTED AFTER GALVANIZING EXCEPT FOR HOLES TO HOLD BLOCKOUTS. SHALL BE TREATED TANNER IN ACCORDANCE WITH MISSISSIPPI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
5. FOR OTHER DETAILS OF POSTS, POST ACCESSORIES, FASTENERS & RAIL ELEMENTS, SEE ASHTO ACC-AR 18A JOINT TASK FORCE NO. 33, TITLED "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE", LATEST EDITION.
6. OTHER POSTS AND/OR BLOCKOUTS THAT HAVE BEEN RECOMMENDED BY THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION AND MISSISSIPPI DEPARTMENT OF TRANSPORTATION MAY BE USED IN LIEU OF THE POST AND BLOCKOUT SHOWN ON THIS STANDARD.

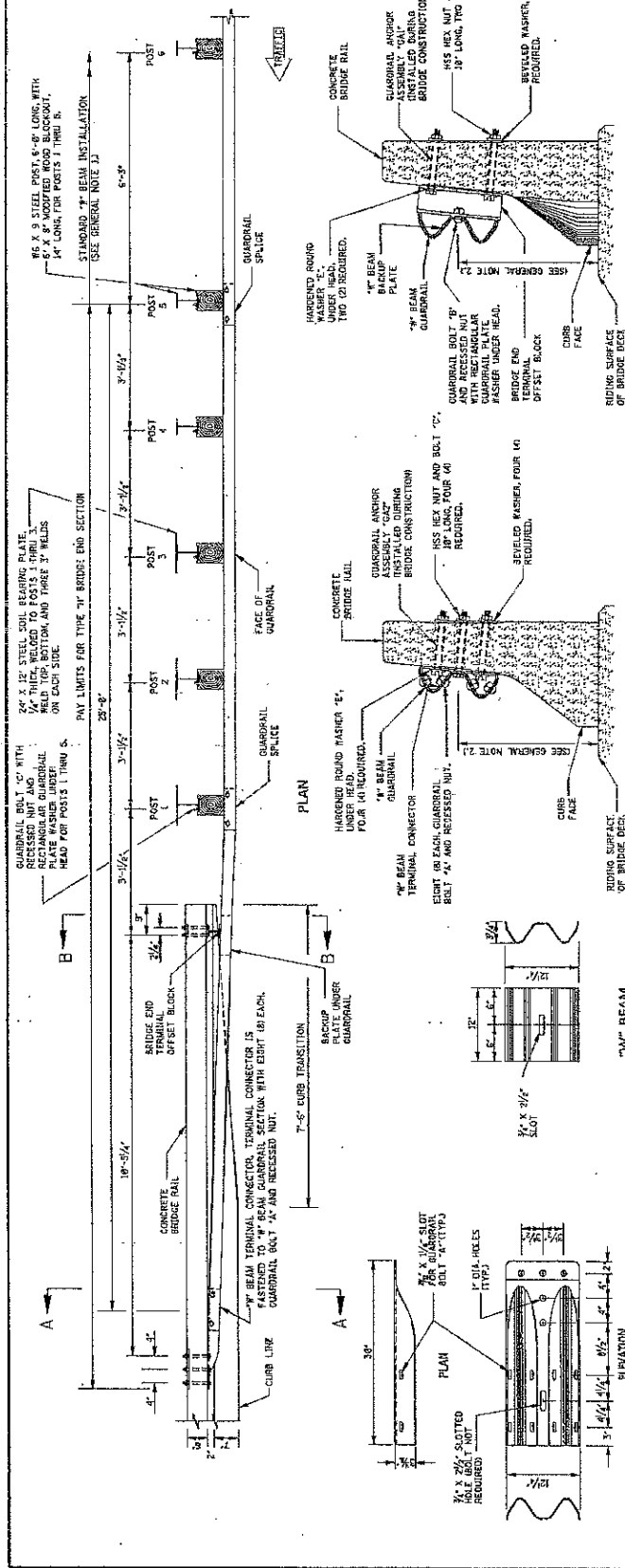
MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

**GUARDRAIL:  
"W" BEAM  
(STEEL POSTS)**

ISSUE DATE: OCTOBER 1, 1972

NO.	BY	DATE	REVISION

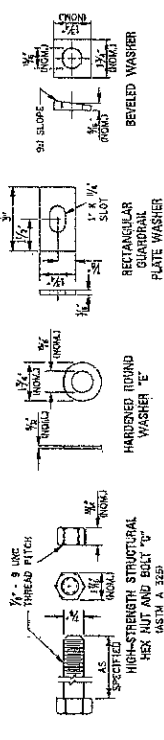
STATE	PROJECT NO.
MISS.	



SECTION B-B

SECTION A-A

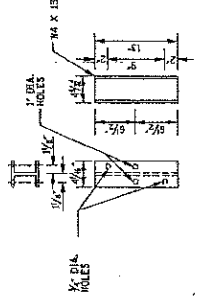
- GENERAL NOTES:
1. NOTES AND DETAILS PERTAINING TO NORMAL "W" BEAM GUARDRAIL INSTALLATION NOT SPECIFICALLY MODIFIED ON THIS SHEET WILL BE FOUND ON SHEET OR-18 STEEL POSTS.
  2. THE HEIGHT OF RAIL AT THE BRIDGE END IS 2' AND WILL BE MAINTAINED AS SUCH THROUGHOUT THE PARALLEL PORTION.
  3. GUARDRAIL ELEMENTS SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC. THE ONLY EXCEPTION NOTED IS THAT GUARDRAIL IS TO BE LAPPED FOR APPROACHING TRAFFIC ON A BRIDGE WITH 2-WAY TRAFFIC.



FASTENER DETAILS

"W" BEAM BACKUP PLATE  
NOTE: THE "W" BEAM BACKUP PLATE IS USED WITH THE "W" BEAM GUARDRAIL. THE CROSS-SECTIONAL DIMENSIONS OF THIS PART ARE IDENTICAL TO THOSE OF THE STANDARD "W" BEAM RAIL SECTION.

"W" BEAM TERMINAL CONNECTOR  
NOTE: THE "W" BEAM TERMINAL CONNECTOR IS USED WITH THE "W" BEAM GUARDRAIL. THE CROSS-SECTIONAL DIMENSIONS OF THIS PART ARE IDENTICAL TO THE STANDARD "W" BEAM SECTION (ASHBURN 188 CLASS B TYPE III).



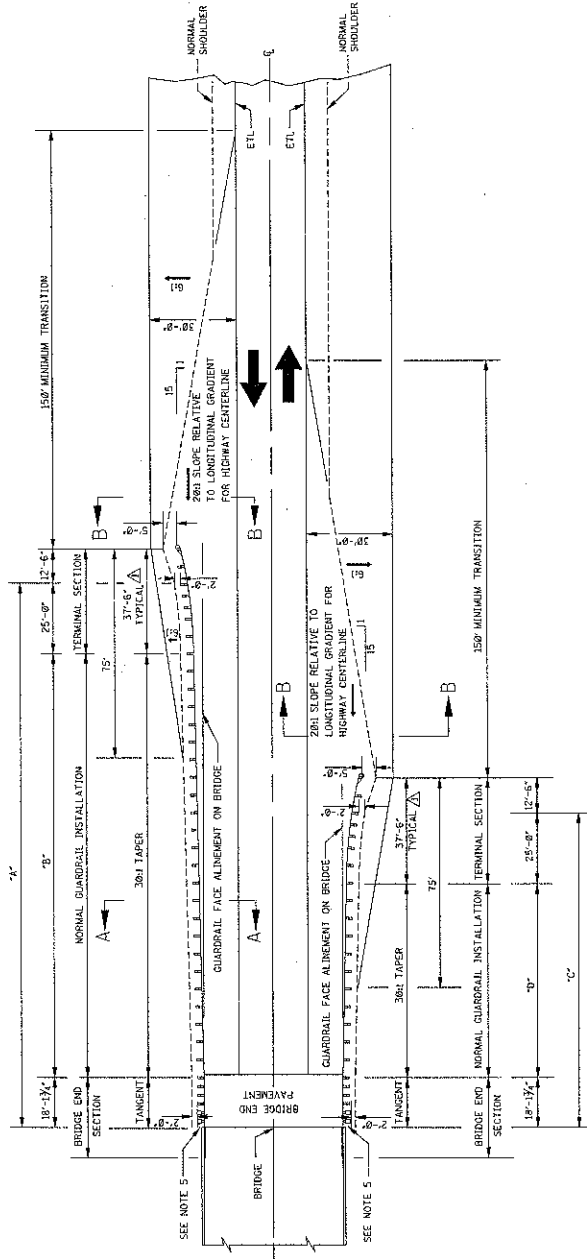
FRONT FACE SIDE  
DETAIL OF BRIDGE END  
TERMINAL OFFSET BLOCK

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

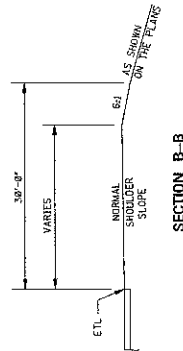
**GUARDRAIL:  
BRIDGE END SECTION  
TYPE "H"  
(STEEL POSTS)**

WORKSHEET NO. **05-20**  
SHEET NUMBER **188**

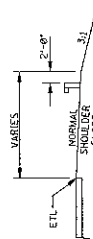
ISSUE DATE: **OCTOBER 1, 1958**



PLAN

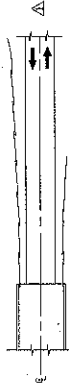


SECTION B-B



SECTION A-A

**DETAIL OF GUARDRAIL SECTION LAPS**



**GENERAL NOTES:**

- VALUES FOR "A", "B", "C" AND "D" WILL BE SHOWN ELSEWHERE ON THE PLANS.
- FOR DETAILS PERTINENT TO INSTALLATION OF THE TERMINAL SECTION, SEE MANUFACTURER'S SPECIFICATIONS AND DRAWINGS OR ELSEWHERE ON PLANS.
- GUARDRAIL SECTIONS ARE TO BE LAPPED IN THE DIRECTION OF TRAFFIC APPROACHING THE BRIDGE.
- THE OVERALL LENGTH OF GUARDRAIL IS MEASURED FROM THE CONNECTING END ON THE BRIDGE.
- THE SHOULDERS WITHIN AT THE BRIDGE END SHALL BE SUFFICIENTLY WIDE TO PROVIDE A MINIMUM OF 2'-0" BEHIND THE BACK OF POST BEFORE THE SLOPE BREAK RINGEPOINT.
- TYPE, DETAILS AND LIMITS OF GUARDRAIL BRIDGE END SECTION WILL BE SHOWN ELSEWHERE ON THE PLANS.

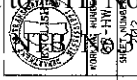
MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
STANDARD PLAN  
ROADWAY DESIGN DIVISION

**GUARDRAIL  
TYPICAL INSTALLATION  
AT BRIDGE APPROACHES  
FOR 2-LANE, 2-WAY  
HIGHWAY**

WORKING NUMBER: CR-42  
SHEET NO.: 3770  
ISSUE DATE: OCTOBER 1, 1998

DATE	BY	REVISION

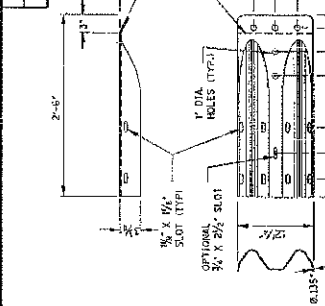




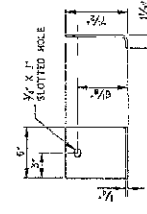
MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

**MISCELLANEOUS HARDWARE**

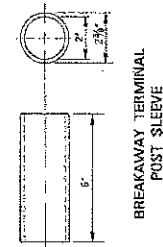
ISSUE DATE: OCTOBER 1, 1958



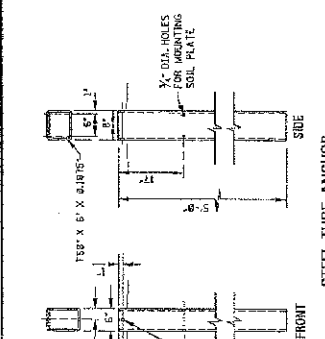
**"W" BEAM TERMINAL CONNECTOR PLATE**  
NOTES:  
1. THE "W" BEAM TERMINAL CONNECTOR IS TO BE FABRICATED IN 180 CORRUGATED SHEET STEEL, CLASS B.  
2. SPACER-SLAB SLOTS MAY ALSO BE ORIENTED AT 30° FOR THE PLATE INSTEAD OF 9° AS SHOWN.



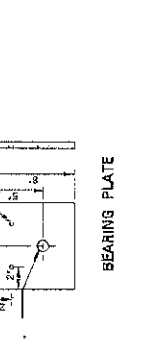
**SHELF ANGLE BRACKET**



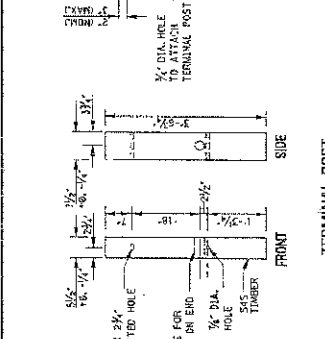
**BREAKAWAY TERMINAL POST SLEEVE**



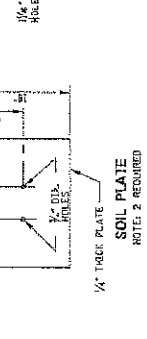
**STEEL TUBE ANCHOR**  
NOTE: TERMINAL POST SHOULD BE ABLE TO SLIDE INTO THE TOP OF THIS SECTION SO THE ACTUAL INSIDE DIMENSIONS OF THIS GALVANIZED TUBE CANNOT BE LESS THAN 7/8" X 3/4".



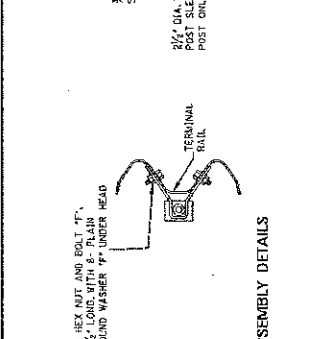
**BEARING PLATE**



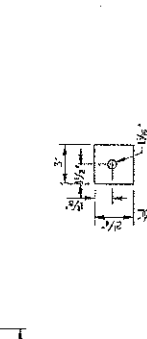
**TERMINAL POST**  
NOTE: TERMINAL POST SHALL BE MADE OF S45 TIMBER WITH A STRESS GRADE OF 1200 (S45/T17).



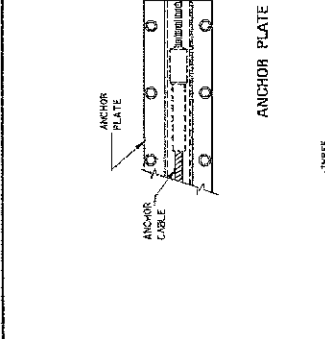
**SOIL PLATE**  
NOTE: 2 REQUIRED



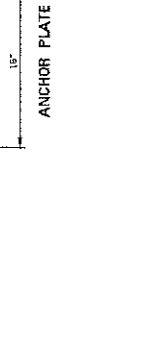
**ANCHOR PLATE ASSEMBLY DETAILS**



**END PLATE**



**CABLE ANCHOR ASSEMBLY**



**PLAIN ROUND WASHERS**



**GUARDRAIL BOLT**



**RECESSED NUT**



**RECTANGULAR GUARDRAIL PLATE WASHER**



**HEX NUT 1/2"**



**HEX NUT AND BOLT 1/2"**



**FASTENER DETAILS**



**GUARDRAIL BOLTS**



**NOTES:**  
1. ALL GUARDRAIL BOLTS ARE 1/2" - 11 UNC  
2. IF ANY BOLT EXTENDS MORE THAN 7/8" FROM THE NUT, THE BOLT SHOULD BE TRIMMED BACK.



**PLAIN ROUND WASHER**



**HEX NUT 1/2"**



**CABLE ANCHOR ASSEMBLY**



**FASTENER DETAILS**

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3857

DATE: 05/14/2012

SUBJECT: Specialty Items

PROJECT: STP-9999-01(009) / 106353301 & STP-9999-01(009) / 106353302 - Pontotoc & Union Counties

Pursuant to the provisions of Section 108, the following work items are hereby designated as "Specialty Items" for this contract. Bidders are reminded that these items must be subcontracted in order to be considered as specialty items.

### CATEGORY: GUARDRAIL, GUIDERAIL

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Line No	Pay Item	Description
0014	606-B005	Guard Rail, Class A, Type 1, 'W' Beam
0016	606-D008	Guard Rail, Bridge End Section, Type H
0018	606-E002	Guard Rail, Terminal End Section, Flared

### CATEGORY: PAVEMENT STRIPING AND MARKING

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Line No	Pay Item	Description
0060	627-L001	Two-Way Yellow Reflective High Performance Raised Markers
0090	907-625-B002	Traffic Stripe, Skip Yellow, 4" Width
0100	907-625-C002	Traffic Stripe, Continuous White, 4" Width
0110	907-625-D002	Traffic Stripe, Continuous Yellow, 4" Width
0120	907-625-E001	Detail Traffic Stripe, 4" Equivalent Length
0130	907-625-F002	Legend, 4" Equivalent Length

### CATEGORY: TRAFFIC CONTROL - PERMANENT

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Line No	Pay Item	Description
0062	630-F001	Delineators, Guard Rail, White
0064	630-G002	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted

### CATEGORY: TRAFFIC CONTROL - TEMPORARY

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Line No	Pay Item	Description
0030	619-A1002	Temporary Traffic Stripe, Continuous White
0040	619-A2002	Temporary Traffic Stripe, Continuous Yellow
0050	619-A4006	Temporary Traffic Stripe, Skip Yellow

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904-NOTICE TO BIDDERS NO. 3858**

**CODE: (SP)**

**DATE: 04/23/2012**

**SUBJECT: Scope of Work**

**PROJECT: STP-9999-01(009) / 106353301 & 302 – Pontotoc & Union Counties**

The contract documents do not include an official set of construction plans, but may by reference, include some Standard Drawing or Special Design 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:

- 1) Placing ¾-inch Asphalt Leveling on SR 334, Pontotoc Co. on various areas from Sta. 17+34 to Sta. 456+00(E.O.P.).
- 2) Placing ¾-inch Asphalt Leveling on SR 355, Union Co. on various areas from Sta. 0+00(B.O.P.) to Sta. 515+00(E.O.P.).
- 3) Placing a Polymer Modified Asphalt Rejuvenating Scrub Seal Interlayer on SR 334 from the Lafayette County Line to SR 9 in Pontotoc County.
- 4) Placing a Polymer Modified Asphalt Rejuvenating Scrub Seal Interlayer on SR 355 from the Pontotoc County Line to SR 30 in Union County.
- 5) Replacing Guardrail on Bridge at Sta. 236+80 on Hwy 355 in Union County.

### **General Note:**

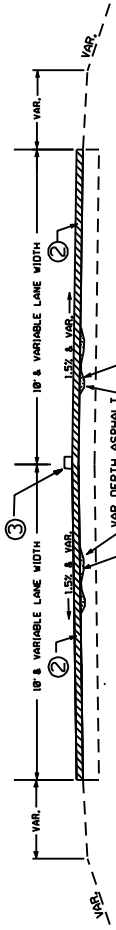
Existing raised pavement markers within the limits of asphalt leveling shall be removed prior to placement of asphalt and the cost absorbed in other items bid.

Temporary Markers shall be placed on the scrub seal at the end of each day's activities on 40 foot intervals throughout the project and the cost absorbed in other items bid.

All high joints are to be clipped as directed by the Engineer. ( Not a Pay Item)

Terminal End Sections: Fleat-350, Regent, SRT-350, ROSS-350, or approved Flared Equal to be installed following Manufacturer's recommendation. Contractor to provide Two copies of Manufacturer's installation details to the Project Engineer. The Engineer shall keep one copy in Project File and provide One copy to district Maintenance Engineer. Reflective Adhesive Sheeting with alternating Black and Yellow Stripes ( Sloping downward at an angle of 45 Degrees in the Direction of Traffic is to pass ) is required on the End of the Terminal End Section.

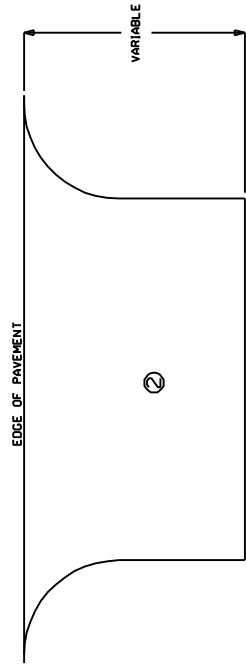
STATE PROJECT NO.  
MSS. 17-999-010091



TYPICAL SECTION 2-LANE

HWY 334 - STA 0+00 TO STA 456+00  
HWY 355 - STA 0+00 TO STA 515+00

- ① PRELIMINARY PATCHING AND LEVELING AS DIRECTED. ( PAY ITEM NO. 987-483-8889, HMA, ST, 9.5MM MIXTURE OR 987-483-N880, WMA, ST, 9.5MM MIXTURE )
- ② SCRUB SEAL, PAY ITEM NO. 987-485-0801 AS DIRECTED BY THE ENGINEER
- ③ TEMPORARY RAISED MARKERS SHALL BE PLACED ON THE SCRUB SEAL AT THE END OF EACH DAY'S ACTIVITIES ON 40 FOOT INTERVALS THROUGHOUT THE PROJECT. ( NOT A PAY ITEM, ABSORBED IN SCRUB SEAL PAY ITEM )



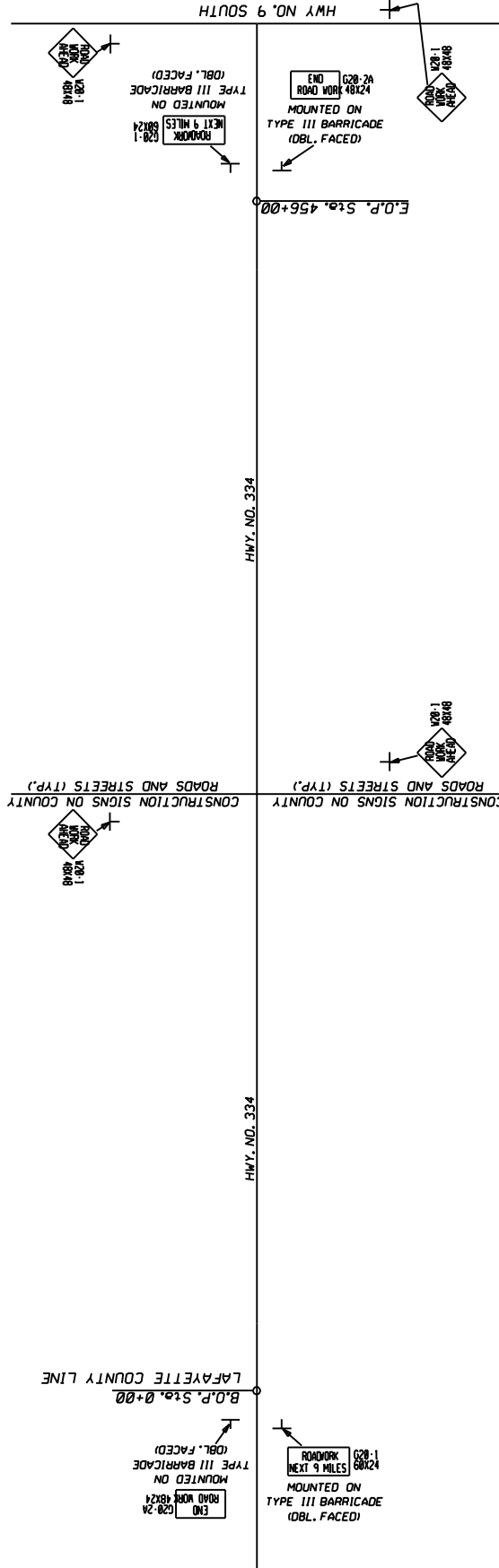
DETAIL FOR LOCAL ROAD TURNOUTS

GENERAL NOTES

- EXISTING CITY STREETS TO BE SCRUB SEALED TO END OF TAPERS OR AS DIRECTED BY THE ENGINEER.
- ALL HIGH JOINTS TO BE CLIPPED AS DIRECTED BY THE ENGINEER (NOT A PAY ITEM).
- EXISTING RAISED PAVEMENT MARKERS TO BE REMOVED PRIOR TO PLACEMENT OF HOT MIX ASPHALT (NOT A PAY ITEM).

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTION SCRUB SEAL	
PROJECT NO. 17-999-010091	WORKING NUMBER TS-1
COUNTY: FORNITOC & UNION	SHEET NUMBER
FILE NAME: TS-1.DGN	DATE
ISSUE NO.	REV.
3	

STATE PROJECT NO.  
MISS. SIP-9999-010091



- 15 W20-1 (ROAD WORK AHEAD) SIGNS REQUIRED ON CITY STREETS  
OR COUNTY ROADS AS DESIGNATED BY THE ENGINEER.
- 180 R4-1 (DO NOT PASS)
- 29 R4-2 (PASS WITH CARE)
- 30 W14-3 (NO PASSING ZONE)

NOTE: ALL SIGNS, BARRICADES, AND CHANNELIZING DEVICES TO BE PAID FOR UNDER PAY ITEM 618-4, MAINTENANCE OF TRAFFIC.

LOCATION OF SIGNS SHOWN ON THIS SHEET IS APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL OF CONSTRUCTION SIGNING

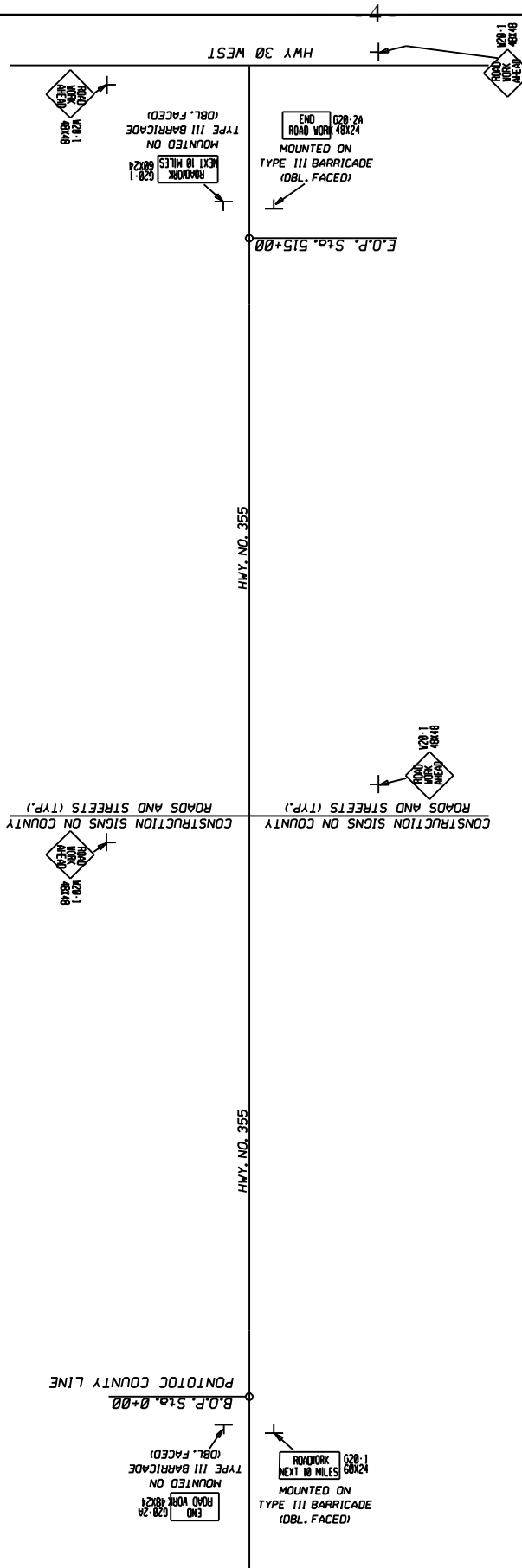
DATE	BY	REVISION

PROJECT NO.: SIP-9999-010091  
 COUNTY: PONICATOUC  
 COUNTY: POINTE A LA HAUTE  
 FILENAME: DCS\_1029N  
 WORKING NUMBER: DCS-1  
 SHEET NUMBER: 6



08/20/01 11:22:58 AM

STATE PROJECT NO.  
MISS. STP-9999-010091

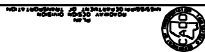


- 20 W20-1 (ROAD WORK AHEAD) SIGNS REQUIRED ON CITY STREETS OR COUNTY ROADS AS DESIGNATED BY THE ENGINEER.
- 170 R4-1 (DO NOT PASS)
- 28 R4-2 (PASS WITH CARE)
- 30 W14-3 (NO PASSING ZONE)

NOTE: ALL SIGNS, BARRICADES, AND CHANNELIZING DEVICES TO BE PAID FOR UNDER PAY ITEM 618-A, MAINTENANCE OF TRAFFIC.

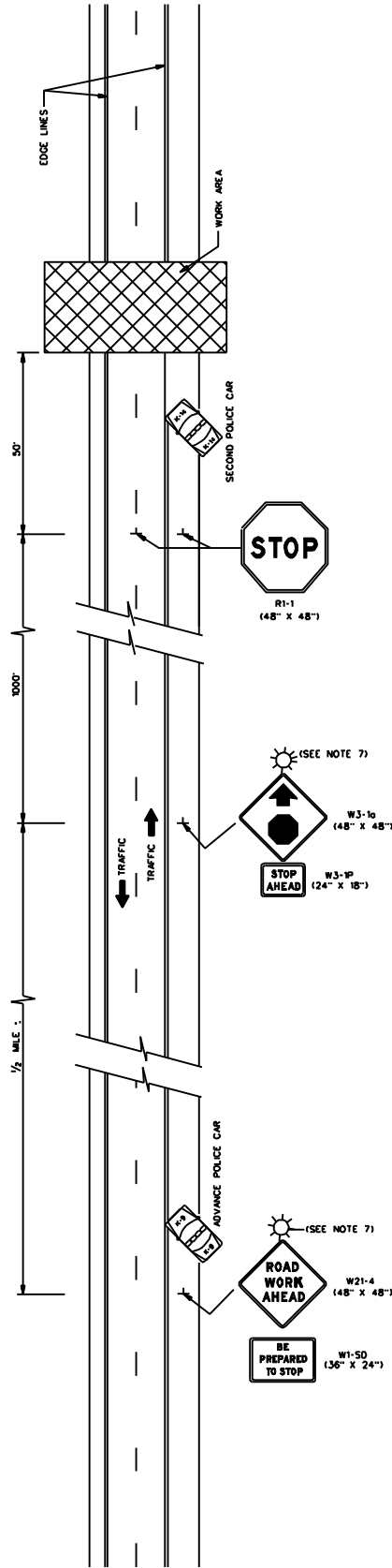
LOCATION OF SIGNS SHOWN ON THIS SHEET IS APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAIL OF CONSTRUCTION SIGNING	
PROJECT NO.:	STP-9999-010091
COUNTY:	UNION
SCALE:	AS SHOWN
FILE NAME:	DCS-1.DGN
DATE:	04/11/01
REVISION:	
WORKING NUMBER:	DCS-1
SHEET NUMBER:	6



11/11/01 11:20 AM

STATE PROJECT NO. MP-1015-70004  
MSS.



GENERAL NOTES:

- THIS TYPE OF HIGHWAY CLOSURE SHALL ONLY BE USED FOR EMERGENCIES OR FOR CONSTRUCTION OPERATIONS WHEN THE CLOSURE CANNOT BE AVOIDED. THE CLOSURE SHALL BE CLOSED AND REOPENED VIA THE NORMAL ROUTE. AFTER THE HIGHWAY HAS BEEN CLOSED AND REOPENED, THE ADVANCE POLICE CAR SHALL ELIMINATE ANOTHER SHORT DURATION CLOSURE, EXCEPT WITH THE APPROVAL OF THE ENGINEER.
- AT LEAST TWO POLICEMEN AND TWO POLICE CARS SHALL BE PROVIDED ON EACH APPROACH TO THE CLOSURE. POLICEMEN SHALL HAVE A ROOF MOUNTED ROTATING BLUE LIGHT OR LIGHT BAR.
- ROAD CLOSURES ARE NOT PERMITTED ON HOLIDAYS OR BETWEEN THE HOURS OF 10:00 AM AND 4:00 PM ON MONDAY THROUGH FRIDAY, EXCEPT BY PERMISSION OF THE ENGINEER.
- THE ADVANCE POLICE CAR AND THE "W21-4 (48" X 48")", "W1-5D (36" X 24")", "W3-10 (48" X 48")", "W3-1P (24" X 18")" SIGNS SHALL BE MOVED BACK AS REQUIRED BY THE OUTLING OF STOPPED VEHICLES.
- TRAFFIC CONTROL FOR THE CLOSURE SHALL BE ACCOMPLISHED IN THE FOLLOWING ORDER:
  - ADVANCE POLICE CAR, LIGHTS AND FLASHERS ON.
  - "W1-5D (36" X 24")" AND "W3-1P (24" X 18")" SIGNS ERECTED.
  - "W3-10 (48" X 48")" AND "W3-1P (24" X 18")" SIGNS ERECTED.
  - SECOND POLICE CAR, LIGHTS AND FLASHERS ON.
  - "R1-1 (48" X 48")" SIGNS ERECTED TO STOP TRAFFIC. THE ORDER OF ERECTION SHALL BE IN THE FOLLOWING ORDER: RIGHT SHOULDER THEN CENTER.
- TRAFFIC CONTROL SHALL BE REMOVED IN THE FOLLOWING ORDER:
  - WITH TRAFFIC STOPPED REMOVE THE "R1-1 (48" X 48")" SIGNS TOWARD THE RIGHT SHOULDER THEN SIGN ON THE RIGHT SHOULDER.
  - AFTER ALL STOPPED VEHICLES HAVE STARTED MOVING, THE "W3-1P (24" X 18")" SIGNS SHALL BE REMOVED. THESE SIGNS MAY BE COVERED IF RE-USE IS IMMINENT.
  - AFTER ALL CARS HAVE RESUMED APPROXIMATELY 100 FEET FROM THE CLOSURE, THE "W1-5D (36" X 24")" SIGNS SHALL BE REMOVED. THESE SIGNS MAY BE COVERED IF RE-USE IS IMMINENT.
- UNILLUMINATED SECTIONS OF HIGHWAYS SHALL NOT BE CLOSED DURING HOURS OF DARKNESS EXCEPT FOR EMERGENCIES OR WITH THE APPROVAL OF THE ENGINEER. THE CLOSURE SHALL BE CLOSED DURING HOURS OF DARKNESS, A TYPE B HIGH VISIBILITY FLASHING BARRICADE WARNING LIGHT SHALL BE USED ON EACH W21-4 AND W3-10 SIGN.
  - IF AN ENTRANCE RAMP IS LOCATED BETWEEN THE W21-4 AND R1-1, THE "W21-4 (48" X 48")", "W3-10 (48" X 48")" AND "W3-1P (24" X 18")" SIGNS SHALL ALSO BE ERECTED ON THE RAMP SHOULDER.
  - IF AN ENTRANCE RAMP IS LOCATED BETWEEN THE W21-4 AND R1-1, THE "W21-4 (48" X 48")", "W3-10 (48" X 48")" AND "W3-1P (24" X 18")" SIGNS SHALL ALSO BE ERECTED ON THE RAMP SHOULDER.
  - IF AN ENTRANCE RAMP IS LOCATED BETWEEN THE W21-4 AND R1-1, THE "W21-4 (48" X 48")", "W3-10 (48" X 48")" AND "W3-1P (24" X 18")" SIGNS SHALL ALSO BE ERECTED ON THE RAMP SHOULDER.
  - BLACK LEGEND AND BORDER ON ORANGE BACKGROUND.
- ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS INCLUDES THE COST OF TRAFFIC CONTROL OR MAINTENANCE OF TRAFFIC, INCLUDING SECURING POLICE SERVICES.
- THE ABOVE DURATION WILL APPLY TO EACH APPROACH TO THE CLOSURE.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	
DATE	ISSUE DATE: OCTOBER 1, 1998
REVISION	SHEET NUMBER 25
	WORKSHEET T0P78

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION NO. 907-702-3**

**CODE: (SP)**

**DATE: 05/08/2012**

**SUBJECT: Polyphosphoric Acid (PPA) Modification of Petroleum Asphalt Cement**

Section 702.05, Petroleum Asphalt Cement, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

**907-702.05--Petroleum Asphalt Cement.** Delete the third paragraph of Subsection 702.05 on page 598, and substitute the following.

The bituminous material used in all types of asphalt mixtures shall conform to AASHTO Designation: M 320, Performance Grade PG 67-22, as modified in the table below, except that Polyphosphoric Acid (PPA) may be used at low dosage rates as a modifier to enhance the physical properties of a base binder to meet the requirements for Performance Grade PG 67-22. In addition, PPA may be used as a catalyst or mixing agent at low dosage rates in the production of Polymer Modified, Performance Grade PG 76-22.

When PPA is used as a modifier, in no case shall the PPA modifier be used to adjust the physical properties of the binder a full binder grade. For example: the base binder (unmodified) is graded as a PG 64-22 and should only be modified by the addition of PPA to a modified binder grade of PG 67-22.

When petroleum asphalt cement is modified by PPA, the following dosage limits shall be applied.

<b>Grade</b>	<b>Dosage Limit</b>
PG 67-22	0.75% by weight of binder
PG 76-22	0.50% by weight of binder



Level & Scrub Seal at various locations on SR 334 & SR 355, known as Federal Aid Project No. STP-9999-01(009) / 106353301 & 302, in Pontotoc & Union Counties.

I (We) agree to complete the entire project within the specified contract time.

\*\*\* SPECIAL NOTICE TO BIDDERS \*\*\*

**BIDS WILL NOT BE CONSIDERED UNLESS BOTH UNIT PRICES AND ITEM TOTALS ARE ENTERED.  
BIDS WILL NOT BE CONSIDERED UNLESS THE BID CERTIFICATION LOCATED AT THE END OF THE BID SHEETS IS SIGNED**

\*\*\*BID SCHEDULE\*\*\*

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Item Amount	
						Dollar	Ct	Dollar	Ct
<b>Roadway Items</b>									
0010	618-A001		1	Lump Sum	Maintenance of Traffic	XXXXXXXXXX	XXX		
0012	202-B102 Added 05/14/2012		492	Linear Feet	Removal of Guard Rail				
0014	606-B005 Added 05/14/2012		175	Linear Feet	Guard Rail, Class A, Type 1, 'W' Beam				
0016	606-D008 Added 05/14/2012		4	Each	Guard Rail, Bridge End Section, Type H				
0018	606-E002 Added 05/14/2012		4	Each	Guard Rail, Terminal End Section, Flared				
0020	618-B001		2	Square Feet	Additional Construction Signs	10.00	00	20.00	
0030	619-A1002		5	Mile	Temporary Traffic Stripe, Continuous White				
0040	619-A2002		6	Mile	Temporary Traffic Stripe, Continuous Yellow				

Section 905  
 Proposal (Sheet 2 - 2)

STP-9999-01(009) / 106353301 STP-9999-01(009) / 106353302  
 Union & Pontotoc Counties

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price	Bid Amount
0050	619-A4006		3	Mile	Temporary Traffic Stripe, Skip Yellow		
0060	627-L001		1,767	Each	Two-Way Yellow Reflective High Performance Raised Markers		
0062	630-F001 Added 05/14/2012		16	Each	Delineators, Guard Rail, White		
0064	630-G002 Added 05/14/2012		4	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted		
0070	907-405-D001		234,793	Square Yard	Scrub Seal		
0080	907-407-A001 (A2)		2,030	Gallon	Asphalt for Tack Coat		
0090	907-625-B002		11	Mile	Traffic Stripe, Skip Yellow, 4" Width		
0100	907-625-C002		39	Mile	Traffic Stripe, Continuous White, 4" Width		
0110	907-625-D002		30	Mile	Traffic Stripe, Continuous Yellow, 4" Width		
0120	907-625-E001		1,550	Linear Feet	Detail Traffic Stripe, 4" Equivalent Length		
0130	907-625-F002		850	Linear Feet	Legend, 4" Equivalent Length		
<b>ALTERNATE GROUP AA NUMBER 1</b>							

Section 905  
 Proposal (Sheet 2 - 3)

STP-9999-01(009) / 106353301 STP-9999-01(009) / 106353302  
 Union & Pontotoc Counties

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price	Bid Amount
0140	907-403-B009	(BA1)	1,676	Ton	Hot Mix Asphalt, ST, 9.5-mm mixture, Leveling		
<b>ALTERNATE GROUP AA NUMBER 2</b>							
0150	907-403-N001	(BA1)	1,676	Ton	Warm Mix Asphalt, ST, 9.5-mm mixture, Leveling		

\*\*\* BID CERTIFICATION \*\*\*

TOTAL BID .....\$

\*\*\* DBE/WBE SECTION \*\*\*

Complete item nos. 1, 2, and/or 3 as appropriate. See Notice to Bidders addressing Disadvantaged Business Enterprises in Highway Construction.

1. I/We agree that no less than \_\_\_\_\_ percent shall be expended with small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE and WBE).
2. Classification of Bidder: Small Business (DBE) \_\_\_\_\_ Small Business (WBE) \_\_\_\_\_
3. A joint venture with a Small Business (DBE/WBE): \_\_\_\_\_

\*\*\* SIGNATURE STATEMENT \*\*\*

BIDDER ACKNOWLEDGES THAT HE/SHE HAS CHECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFIED THAT THE FIGURES SHOWN THEREIN CONSTITUTE THEIR OFFICIAL BID.

\_\_\_\_\_  
BIDDER'S SIGNATURE

\_\_\_\_\_  
BIDDER'S COMPANY

\_\_\_\_\_  
BIDDER'S FEDERAL TAX ID NUMBER