

**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>  5/20/2026  </u>	ADDENDUM NO. <u>          </u>	DATED <u>          </u>
ADDENDUM NO. <u>  2  </u>	DATED <u>  5/26/2026  </u>	ADDENDUM NO. <u>          </u>	DATED <u>          </u>
ADDENDUM NO. <u>  3  </u>	DATED <u>  6/2/2026  </u>	ADDENDUM NO. <u>          </u>	DATED <u>          </u>

Number	Description
1	Revised Wage Rates; Amendment EBSx Download Required.
2	Postponed til June 05, 2026 Letting; Amendment EBSx Download Required.
3	Revised Advertisement; Revised NTB No. 7755; Amendment EBSx Download Required.

TOTAL ADDENDA:   3    
(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-0035-01(011)/ 110039301000  
Marshall County(ies)

Revised 01/26/2016

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## SECTION 901 - ADVERTISEMENT

Electronic bids will be received by the Mississippi Transportation Commission at 11:00 o'clock A.M., Friday, June 05, 2026, from the Bid Express Service and shortly thereafter publicly read on the First Floor Construction Division Conference Room For:

Bridge Repair on MS 311 over Little Coldwater River (Bridge No. 11.8), known as Federal Aid Project No. STBG-0035-01(011) / 110039301 in Marshall County.

The attention of bidders is directed to the Contract Provisions governing selection and employment of labor. Minimum wage rates have been predetermined by the Secretary of Labor and are subject to Public Law 87-581, Work Hours Act of 1962, as set forth in the Contract Provisions.

The specifications are on file in the offices of the Mississippi Department of Transportation.

Contractors may request permission to bid online at <http://shop.mdot.ms.gov> at no cost. Upon approval, Contractors shall be eligible to submit a bid using Bid Express at <http://bidx.com>. Specimen proposals may be viewed and downloaded online at no cost at <http://mdot.ms.gov> or purchased online at <http://shop.mdot.ms.gov> at a cost of Ten Dollars (\$10.00) per proposal plus a small convenience fee. Cash or checks will not be accepted as payment.

Bid bond, signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent, with Power of Attorney attached, a Cashier's check or Certified Check for five (5%) percent of bid, payable to STATE OF MISSISSIPPI, must accompany each proposal.

The attention of bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

BRAD WHITE  
EXECUTIVE DIRECTOR

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904 -NOTICE TO BIDDERS NO. 7755**

**CODE: (SP)**

**DATE: 06/02/2026**

**SUBJECT: Scope of Work**

**PROJECT: STBG-0035-01(011) / 110039301 – Marshall County**

The contract documents do not include an official set of construction plans but may, by reference, include some Detail Drawings when so specified in a Notice to Bidders entitled, "Detail Drawings".

Minor changes in detail of design or construction procedure may be authorized by the Director of Structures, State Bridge Engineer provided such changes will not be cause for contract price adjustment. Work for which no pay item is provided will not be paid for directly and shall therefore be considered an absorbed item of work.

It shall be the responsibility of the Contractor to protect existing structures from damage which might occur during construction. The Contractor shall replace or repair, as directed by the Engineer, any structures damaged during the life of the contract. No payment will be made for replacement or repair of damaged items.

All details are based on the dimensions shown on the original plans for the existing structure. The Contractor shall be responsible for adjusting the elements of the new construction to ensure a proper fit with the existing structure. The Contractor shall verify all dimensions of the existing structure prior to beginning work.

During construction, care shall be exercised to ensure that no debris falls into the hydraulic crossing below the structure. All debris, including any material that has accumulated on the bridge caps, shall become the property of the Contractor and shall be removed from the construction site.

Work on the project shall consist of the following bridge repairs on Bridge 11.8 (13234) on SR 311 in Marshall County.

Scope of Work (Bridge 11.8 13234)

- Cap cleaning
- Undersealing
- Bank reshaping
- Riprap installation

For additional information and details, see work related items below and on the detail drawings.

**Undersealing at End Bent 1 & 4**

In order to fill the void below End Bent 1 and 4, the void under the end bent cap shall be filled with injectable urethane compound material meeting the required properties shown in Special Provision Subsection 907-420.02. Prior to injection, the site shall be prepared according to the Manufacturer's recommendations.

Urethane compound shall be installed in strict accordance with Manufacturer's instructions. All labor, preparations, and materials associated with filling the voids underneath the bent caps shall be included under Pay Item 907-420-A001 Undersealing.

### **Cap Cleaning**

Cap cleaning shall be done in accordance with Special Provision Subsection 907-824.03.3. This item of work shall be paid for under Pay Item No. 907-824-C001 Cap Cleaning.

### **Bank Reshaping and Riprap Notes**

1. Bents 1 & 4 shall be sloped at a 2:1 slope in accordance with the Detail Drawings and shall be paid for under Pay Item No. 907-824-PP004, Bridge Repair, Bank Reshaping.
2. Riprap shall be placed in accordance with the "Riprap Placement Plan" in the Detail Drawings.
3. Riprap to be placed on both sides of the channel shall be paid for under pay item 815-A007 Loose Riprap, Size 300.

### **Erosion Control Plan**

1. No dirt can be pushed into the channel.
2. If a platform for working is needed, then riprap may be used.
3. Minimize disturbance to the existing banks with the exception of bank reshaping.
4. Turbidity curtain may be required.

### **Special Provisions**

907-420: Undersealing

907-824: Routine Bridge Repair



DESIGNED BY: LEWIS  
 DETAILED BY:  
 CHECKED BY:  
 DATE:

FMS CON: 110039/301000  
 PROJECT NO.: STBG-0035 (011)  
 COUNTY: MARSHALL

ESTIMATED QUANTITIES  
 SUMMARY OF MATERIALS  
 Notice to Bidders 76-755

SHEET NO. 2  
 SHEET NO. 2

**SUMMARY OF TRAFFIC CONTROL ITEMS REQUIRED**

WORKING NUMBER	PHASE OF CONST.	TEMPORARY TRAFFIC STRIPE			CONCRETE BARRIER	BARRICADES		WARNING LIGHTS		FREE STANDING PLASTIC DRUMS	PORTABLE TRAFFIC SIGNAL	REMARKS
		PAINT OR TAPE	CONTINUOUS	LEGEND		SINGLE FACED	DOUBLE FACED	TYPE B	TYPE C			
DCS-1												
UNITS		LIN. FT.	LIN. FT.	SQ. FT.	LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	EACH	EACH	
SUBTOTAL							24					
UNITS		LIN. FT.	LIN. FT.	SQ. FT.	LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	EACH	EACH	
TOTAL							24					



DESIGNED BY: LEWIS  
 CHECKED BY:  
 DATE:  
 COUNTY: MARSHALL  
 PROJECT NO.: STBG-0035 (011)  
 FMS CON: 110039/301000

TRAFFIC CONTROL SIGNS  
 ESTIMATED QUANTITIES  
 Notice to Suppliers

SHEET NO. 3  
 TOTAL SHEETS 4

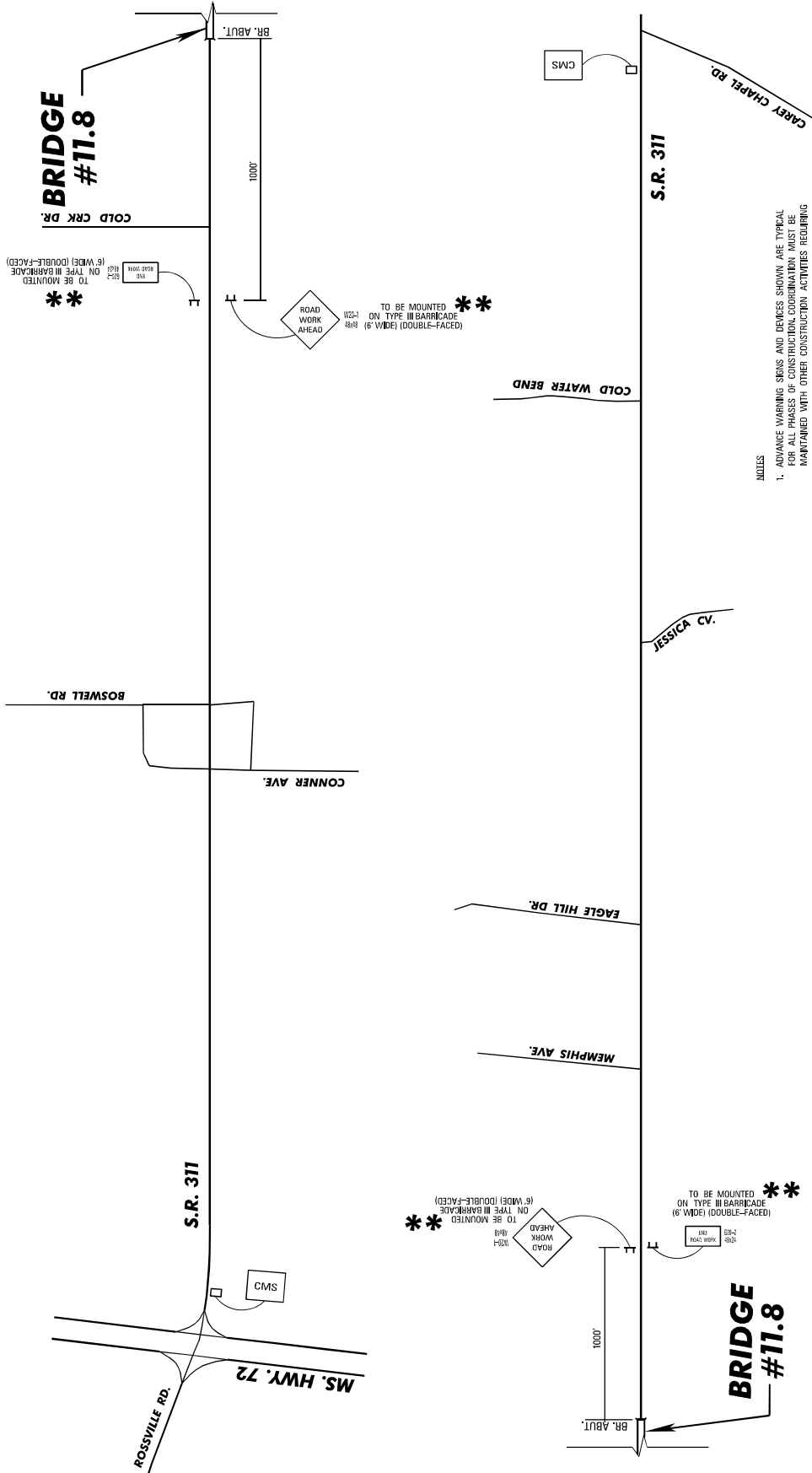
SIGNS REQUIRED (CONT'D)			
SIGN NO.	SIZE	UNIT AREA REQ'D. PFT.	REMARKS
WB-7	48" X 48"	16.00 *	LOOSE GRAVEL
WB-9	48" X 48"	16.00 *	LOW SHOULDER
WB-11	36" X 36"	9.00	UNEVEN LANES
WB-12	48" X 48"	16.00 *	NO CENTER STRIPE
1	36" DIA.	7.07	XX MPH
2	24" X 24"	4.00	NO PASSING ZONE
1	36" X 48" X 48"	5.56	XXX FEET
2	48" X 48" X 64"	9.89	BRIDGE MAY BE IN COLD WEATHER
1	48" X 48"	16.00 *	ADVANCE ROAD WORK
2	36" X 36"	9.00	
W20-1	48" X 48"	16.00 *	
W20-2	48" X 48"	16.00 *	
W20-3	48" X 48"	16.00 *	
W20-4	48" X 48"	16.00 *	
W20-4b	48" X 48"	16.00 *	
W20-5L	48" X 48"	16.00 *	
W20-5R	48" X 48"	16.00 *	
W20-7a	48" X 48"	16.00 *	
W20-7b	48" X 48"	16.00 *	
W21-1	36" X 36"	9.00	WORKERS
W21-1a	36" X 36"	9.00	
W21-2	36" X 36"	9.00	
W21-3	48" X 48"	16.00 *	
W21-5	48" X 48"	16.00 *	
W21-6	36" X 36"	9.00	
W24-1L	48" X 48"	16.00 *	
W24-1R	48" X 48"	16.00 *	
W24-1aR	48" X 48"	16.00 *	
W24-1bL	48" X 48"	16.00 *	
W24-1bR	48" X 48"	16.00 *	
VP-1L	12" X 36"	3.00	
VP-1R	12" X 36"	3.00	
5	OM-3L	3.00	
5	OM-3R	3.00	
TOTAL SIGN AREA LESS THAN 10 SQ. FT.			16.00 SQ. FT.
TOTAL SIGN AREA GREATER THAN 10 SQ. FT. *			32.00 SQ. FT.

SIGNS REQUIRED (CONT'D)			
SIGN NO.	SIZE	UNIT AREA REQ'D. PFT.	REMARKS
W1-1L	48" X 48"	16.00 *	
W1-1R	48" X 48"	16.00 *	
W1-2R	48" X 48"	16.00 *	
W1-3L	48" X 48"	16.00 *	
W1-3R	48" X 48"	16.00 *	
W1-4a	48" X 48"	16.00 *	
W1-4b	48" X 48"	16.00 *	
W1-5L	48" X 48"	16.00 *	
W1-5R	48" X 48"	16.00 *	
W1-6L	48" X 24"	9.00	
W1-6R	60" X 30"	12.50 *	
W1-6a	48" X 24"	9.00	
W1-6b	60" X 30"	12.50 *	
W1-7	60" X 30"	12.50 *	
W1-8L	18" X 24"	3.00	
W1-8R	36" X 48"	12.00 *	
W1-8a	18" X 24"	3.00	
W1-8b	36" X 48"	12.00 *	
W1-9L	48" X 48"	16.00 *	
W1-9R	48" X 48"	16.00 *	
W2-6	36" X 36"	9.00	
W3-2a	48" X 48"	16.00 *	
W3-2b	48" X 48"	16.00 *	
W3-5	48" X 48"	16.00 *	
W4-1L	48" X 48"	16.00 *	
W4-1R	48" X 48"	16.00 *	
W4-2L	48" X 48"	16.00 *	
W4-2R	48" X 48"	16.00 *	
W4-3L	48" X 48"	16.00 *	
W4-3R	48" X 48"	16.00 *	
W4-6	48" X 48"	16.00 *	
W5-1a	48" X 48"	16.00 *	
W6-2	48" X 48"	16.00 *	
W6-3	48" X 48"	16.00 *	
W8-1	48" X 48"	16.00 *	
W8-4	48" X 48"	16.00 *	
W8-6	48" X 48"	16.00 *	

SIGNS REQUIRED (CONT'D)			
SIGN NO.	SIZE	UNIT AREA REQ'D. PFT.	REMARKS
R1-1	36" OCTAGON	7.46	STOP
R1-1	48" OCTAGON	13.25 *	
R1-2	36" X 36" X 36"	3.90	YIELD
R1-2	48" X 48" X 48"	6.93	
R1-2	60" X 60" X 60"	10.83 *	
R1-3	18" X 9"	1.13	3-WAY 4-WAY, ETC.
R1-3	24" X 12"	2.00	
R2-1	24" X 30"	5.00	SPEED LIMIT
R2-1	36" X 48"	12.00 *	
R2-1	48" X 60"	20.00 *	
R3-1	36" X 36"	9.00	
R3-1	48" X 48"	16.00 *	
R3-2	36" X 36"	9.00	
R3-2	48" X 48"	16.00 *	
R3-4	36" X 36"	9.00	
R3-4	48" X 48"	16.00 *	
R3-5L	30" X 36"	7.50	ONLY
R3-5R	30" X 36"	7.50	ONLY
R3-6L	30" X 36"	7.50	
R3-6R	30" X 36"	7.50	
R3-7L	30" X 30"	6.25	LEFT LANE MUST TURN LEFT
R3-7R	30" X 30"	6.25	RIGHT LANE MUST TURN RIGHT
R4-1	24" X 30"	5.00	DO NOT PASS
R4-1	48" X 60"	20.00 *	
R4-2	24" X 30"	5.00	PASS WITH CARE
R4-2	48" X 60"	20.00 *	
R4-7	48" X 60"	20.00 *	
R4-8	48" X 60"	20.00 *	
R5-1	48" X 48"	16.00 *	DO NOT ENTER
R5-1a	42" X 30"	6.75	WRONG WAY
R6-1L	36" X 12"	3.00	ONE WAY
R6-1R	36" X 12"	3.00	ONE WAY
R6-2L	24" X 30"	5.00	ONE WAY
R6-2R	24" X 30"	5.00	ONE WAY
R11-2	48" X 30"	16.00 *	ROAD CLOSED
R11-3a	60" X 30"	12.50 *	ROAD CLOSED
R11-3b	60" X 30"	12.50 *	ROAD CLOSED
R11-4	60" X 30"	12.50 *	ROAD CLOSED
R12-1	36" X 48"	12.00 *	WHEN WORKERS ARE PRESENT
R16-3	36" X 48"	12.00 *	WHEN WORKERS ARE PRESENT
R16-3	48" X 60"	20.00 *	WHEN WORKERS ARE PRESENT

SIGNS REQUIRED			
SIGN NO.	SIZE	UNIT AREA REQ'D. PFT.	REMARKS
G20-1	60" X 24"	10.00 *	ROAD WORK NEXT XX MILES
G20-2	48" X 24"	8.00	END ROAD WORK
G20-4	36" X 18"	4.50	PILOT CAR FOLLOW RHE
M1-1	24" X 24"	4.00	1 OR 2 DIGIT
M1-1	30" X 24"	5.00	3 DIGIT
M1-4	24" X 24"	4.00	1 OR 2 DIGIT
M1-4	30" X 24"	5.00	3 DIGIT
M1-5	24" X 24"	4.00	1 OR 2 DIGIT
M1-5	30" X 24"	5.00	3 DIGIT
M3-1	24" X 15"	3.13	NORTH-1 OR 2 DIGIT RITE-MARKER
M3-2	24" X 12"	2.00	DIGIT RITE-MARKER
M3-2	30" X 15"	3.13	DIGIT RITE-MARKER
M3-3	24" X 15"	3.13	DIGIT RITE-MARKER
M3-4	24" X 12"	2.00	DIGIT RITE-MARKER
M3-4	30" X 15"	3.13	DIGIT RITE-MARKER
M4-8	24" X 12"	2.00	DIGIT RITE-MARKER
M4-8	30" X 15"	3.13	DIGIT RITE-MARKER
M4-9	48" X 36"	12.00 *	DETOUR
M4-9L	48" X 36"	12.00 *	DETOUR
M4-9R	48" X 36"	12.00 *	DETOUR
M4-9S1	48" X 36"	12.00 *	DETOUR
M4-9S2	48" X 36"	12.00 *	DETOUR
M4-9S3	48" X 36"	12.00 *	DETOUR
M4-9S4	48" X 36"	12.00 *	DETOUR
M4-9S5	48" X 36"	12.00 *	DETOUR
M4-10L	48" X 18"	6.00	DETOUR
M4-10R	48" X 18"	6.00	DETOUR
M4-5	24" X 12"	2.00	TO
M5-1R	21" X 15"	2.19	
M5-2L	21" X 15"	2.19	
M5-2R	21" X 15"	2.19	
M6-1R	21" X 15"	2.19	
M6-2L	21" X 15"	2.19	
M6-2R	21" X 15"	2.19	
M6-3	21" X 15"	2.19	

- NOTES**
- STANDARD
  - SPECIAL (USE WHERE WARRANTED)
  - INTERSTATE ROUTE MARKER
  - UNITED STATES ROUTE MARKER
  - STATE ROUTE MARKER
  - COLORS OF CARDINAL DIRECTIONAL MARKERS AND DIRECTIONAL ROUTE MARKERS.
  - BLACK STRIPES ON YELLOW BACKGROUND
  - INTERSTATE USE ONLY
  - TOP OF SIGN - BLACK LETTERING ON ORANGE BACKGROUND.
  - BOTTOM OF SIGN - BLACK LETTERING ON WHITE BACKGROUND.
- THE BACKGROUND OF ALL WARNING SIGNS ("W" SERIES) EXCEPT W10-1 SHALL BE ORANGE. THE W10-1 BACKGROUND SHALL BE YELLOW IN ALL CASES.



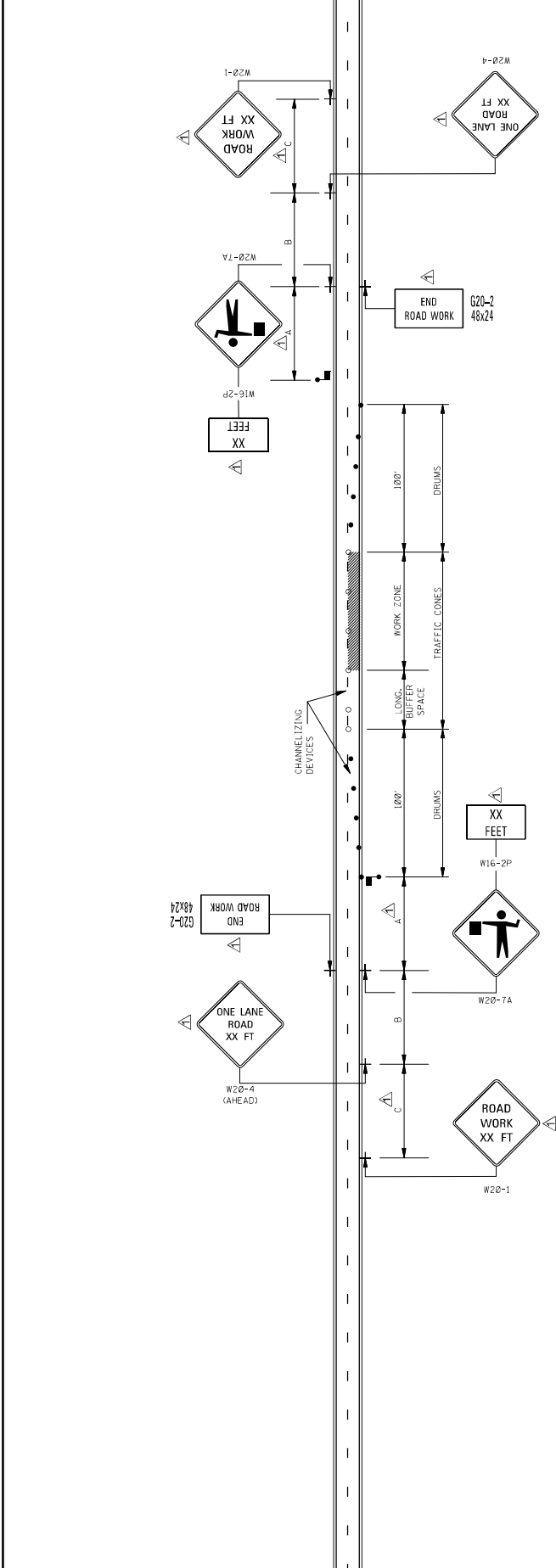
- NOTES**
1. ADVANCE WARNING SIGNS AND DEVICES SHOWN ARE TYPICAL FOR ALL PHASES OF CONSTRUCTION. COORDINATION MUST BE MAINTAINED WITH OTHER CONSTRUCTION ACTIVITIES REQUIRING ADVANCE WARNING SIGNS. SIGN LOCATIONS AND TYPES ARE TO BE MODIFIED WHEN ADDITIONAL SIGNS ARE REQUIRED FOR CHANNELIZATION, SHIFTS, OR CLOSURES, AS REQUIRED FOR VARIOUS OPERATIONS. SIGNS TO REMAIN IN PLACE UNTIL ALL PHASES OF CONSTRUCTION ARE COMPLETE.
  2. SIGNS MAY BE ADJUSTED FOR NECESSARY FIELD CONDITIONS.
  3. ALL TRAFFIC CONTROL ITEMS FOR WHICH THERE IS NO PAY ITEM ARE TO BE PAID FOR UNDER 907-518-AD01 MAINTENANCE OF TRAFFIC.
  4. ALL W20-1 "AHEAD" SIGNS TO BE PLACED AT A MINIMUM OF 500 FT. IN ADVANCE TO THE POINT OF CONSTRUCTION.
- \* FOR NOTED R2-1 AND W2-5 SIGNS, THE SPEED SHALL BE 10 MPH LESS THAN THE POSTED SPEED LIMIT UNLESS OTHERWISE DIRECTED BY COMMISSION ORDER.
  - \*\* MOUNTED ON TYPE III BARRICADE (DOUBLE - FACED) (6' WIDE).

QUANTITIES REQ'D. THIS SHEET	
G20-2	2 EACH
W20-1	2 EACH
CMS	2 EACH
TYPE III BARRICADES (D.F.)	24 L.F.

**X MILES AHEAD**

**NO WIDE LOADS**

CMS SCREEN 2 MESSAGE  
 CMS SCREEN 1 MESSAGE



LEGEND  
 FLAGGER  
 RETROREFLECTIVE FREE-STANDING PLASTIC DRUMS  
 TRAFFIC CONES (28" HEIGHT MINIMUM)

**DISTANCE BETWEEN SIGNS**

ROAD TYPE	A	B	C
URBAN (35 MPH OR LESS)	100 FT.	100 FT.	100 FT.
URBAN (40 - 70 MPH)	350 FT.	350 FT.	350 FT.
RURAL	500 FT.	500 FT.	500 FT.
EXPRESSWAY / FREEWAY	1000 FT.	1500 FT.	2640 FT.

- GENERAL NOTES:**
- THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE. FLAGGER STATIONS SHALL BE LOCATED SUCH THAT APPROACH AND EXIT TAPPERS ARE LOCATED AT THE STOPPING DISTANCE VALUES IN STOPPING SIGHT DISTANCE COLUMN MAY BE USED AS A MINIMUM FOR THIS DISTANCE.
  - ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
  - DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 36" X 36" AND BLACK COPY ON FLUORESCENT ORANGE SHEETING.
  - WHEN WORK ZONE IS NO LONGER NEEDED, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
  - ADDITIONAL FLAGGERS MAY BE NEEDED AS DIRECTED BY THE ENGINEER.
  - WHEN WORK IS REQUIRED AT NIGHT, FLAGGER STATIONS SHALL BE ILLUMINATED EXCEPT IN EMERGENCIES.
  - CHANNELIZING DEVICE TYPES FOR APPROACH AND EXIT TAPPERS:
    - ALONG LANE LINE AND WORK ZONE - TRAFFIC CONES (28" HEIGHT)
    - ALONG LANE LINE AND WORK ZONE - RETROREFLECTIVE PLASTIC DRUMS
  - ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
  - AN OPTIONAL FLAGGER (W20-7A) WORD MESSAGE IS SHOWN IN THE "STANDARD HIGHWAY SIGNS" PUBLICATION.

POSTED SPEED AND/OR DECISION SPEED AND/OR ANTICIPATED OPERATING SPEED mph	MAXIMUM CHANNELIZING DEVICES (ft)		LONGITUDINAL BUFFER SPACE (ft)	STOPPING SIGHT DISTANCE
	TAPER	ALONG LANE LINE & WORK ZONE		
25	20	50	55	155
30	20	60	85	200
35	20	70	120	250
40	20	80	170	305
45	20	90	220	360
50	20	100	280	425
55	20	110	335	495
60	20	120	415	570
65	20	130	485	645

\* NOTE: BUFFER SPACE MAY BE ADJUSTED AS NEEDED ACCORDING TO ROADWAY GEOMETRY TO MEET SIGHT DISTANCE REQUIREMENTS, AS DIRECTED BY THE ENGINEER.

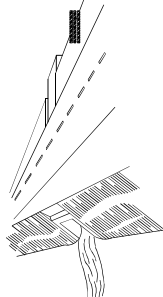
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
 ROADWAY DESIGN DIVISION  
 STANDARD PLAN

**TRAFFIC CONTROL PLAN**  
 WITH FLAGGER  
 (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)

ISSUE DATE: AUGUST 01, 2017

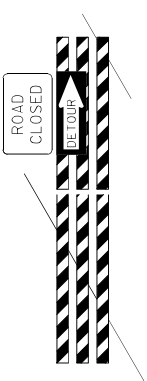
PROJECT NUMBER: 6331

DATE	BY	REVISION



**WING BARRICADES**

- WING BARRICADES ARE TYPE III BARRICADES ERECTED ON THE SHOULDER OF A NARROWING OR RESTRICTED ROADWAY. WING BARRICADES MAY BE USED AS A MOUNTING FOR THE ADVANCE WARNING SIGNS OR FLASHERS.
  - IN ADVANCE OF A CONSTRUCTION PROJECT EVEN WHEN NO PART OF THE ROADWAY IS ACTUALLY CLOSED.
  - IN ADVANCE OF ALL BRIDGE OR CULVERT WIDENING OPERATIONS.
- WING BARRICADES SHOULD BE USED:
  - IN ADVANCE OF A CONSTRUCTION PROJECT EVEN WHEN NO PART OF THE ROADWAY IS ACTUALLY CLOSED.
  - IN ADVANCE OF ALL BRIDGE OR CULVERT WIDENING OPERATIONS.

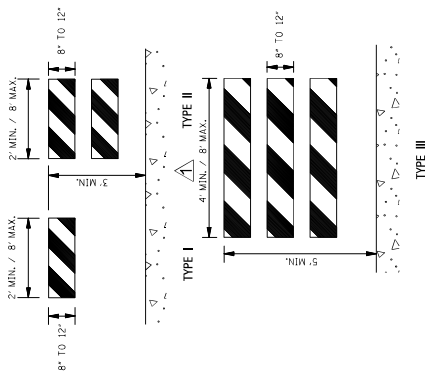


**BARRICADE CLOSING A ROAD**

**BARRICADE CHARACTERISTICS**

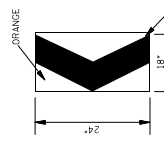
	I	II	III
WIDTH OF RAIL **	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.
LENGTH OF RAIL **	24" MIN. / 96" MAX.	24" MIN. / 96" MAX.	48" MIN. / 96" MAX.
WIDTH OF STRIPE *	6"	6"	6"
HEIGHT	36" MIN.	36" MIN.	60" MIN.
NUMBER OF RETROREFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 6 IF FACING TRAFFIC IN TWO DIRECTIONS

- \* 1. FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED.
- \*\* 2. BARRICADES INTENDED FOR USE ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH SPEED ROADWAYS SHALL HAVE A MINIMUM OF 210 SQ. FT. OF REFLECTIVE AREA FACING TRAFFIC.



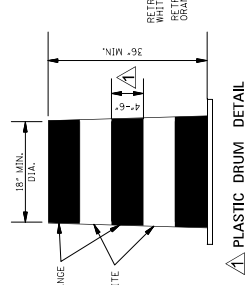
**STANDARD BARRICADES**

- THE RETROREFLECTIVE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION THAT TRAFFIC IS TO PASS).
- RAIL STRIPE SHOULD BE 6 INCHES, EXCEPT THAT 4-INCH WIDE STRIPES MAY BE USED IF RAIL LENGTHS ARE LESS THAN 36 INCHES.
- DO NOT PLACE SAND BAGS OR OTHER DEVICES ON BARRICADE RAILS TO PROVIDE MASS OR BALLAST. HOWEVER, BALLAST MAY BE PLACED AS BALLAST TO THE LOWER PARTS OF THE FRAME OR THE STAYS TO BARRICADES.
- FOR ADDITIONAL INFORMATION OR DETAILS, SEE NOTED LATEST EDITION.
- BARRICADES ARE CLASSIFIED BY FHWA AS CATEGORY II WORK ZONE DEVICES. A LIST OF CRASHWORTHY BARRICADES AND OTHER CATEGORY II DEVICES CAN BE FOUND ON FHWA'S WEBSITE: <http://highways.dot.gov/safety/fhwad/reduce-crash-severity>
- WHERE ROAD USERS INCLUDE PEDESTRIANS, THE PROVISION OF SUPPLEMENTAL AUDIBLE INFORMATION OF DETECTABLE BARRIERS OR BARRICADES SHOULD BE PROVIDED FOR PEOPLE WITH VISION DISABILITIES.
- BARRICADE RAIL SUPPORTS SHOULD NOT PROJECT INTO PEDESTRIAN CIRCULATION ROUTES MORE THAN 4 INCHES FOR THE SUPPORTS LOCATED BETWEEN 27 INCHES TO 48 INCHES ABOVE THE EXISTING SURFACE.

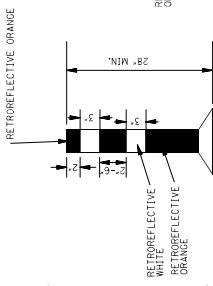


**RETROREFLECTIVE CHEVRON ALIGNMENT SIGN DETAIL (W1-8)**

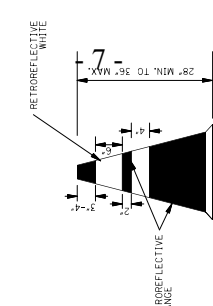
- CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
- CHEVRON SIGN SHALL BE MOUNTED ON CRASHWORTHY SUPPORT.
- CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION OR MAINTENANCE. THEY SHOULD BE PLACED APPROXIMATELY 2'-8" BEHIND THE LANE TRANSITION STRIPE.
- FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAVELWAY.



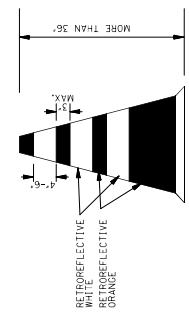
**PLASTIC DRUM DETAIL (36" OR GREATER)**



**TUBULAR MARKER DETAIL**



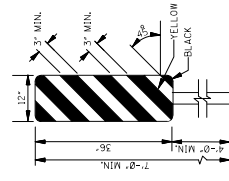
**PLASTIC CONE DETAIL (28" - 36")**



**PLASTIC CONE DETAIL (36" OR GREATER)**

- PLASTIC DRUMS, TUBULAR MARKERS, OR PLASTIC CONES SHALL BE ON OR NEAR THE SHOULDER OF A ROADWAY. PLASTIC DRUMS, TUBULAR MARKERS, OR PLASTIC CONES SHOULD NEVER BE PLACED WITHOUT WARNING SIGNS.
- DRUMS, TUBULAR MARKERS, OR PLASTIC CONES SHOULD NEVER BE PLACED IN THE ROADWAY WITHOUT WARNING SIGNS.
- WHERE PRACTICAL, PLASTIC DRUMS, TUBULAR MARKERS, OR PLASTIC CONES SHOULD BE PLACED NO CLOSER THAN 3'-8" FROM THE EDGE OF TRAVELED LANE.
- BALLAST SHALL NOT BE PLACED ON THE TOP OF THE DRUM.

**TYPE 3 OBJECT MARKER (O03-R)**



- TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
- THE O03-R IS SIMILAR EXCEPT THE STRIPES COLOR AND POSITION OF THE LEFT SIDE AND LOWER RIGHT SIDE AND SHALL BE PLACED ON THE LEFT SIDE OF THE OBJECT.
- THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.
- THE STRIPING SHALL CONSIST OF ALTERNATING BLACK AND RETROREFLECTIVE YELLOW SLOPING DOWNWARD TOWARD THE SIDE ON WHICH TRAFFIC IS THE PASS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS

DATE	REVISION	BY

PROJECT NUMBER: CP-8  
DRAWING NUMBER: 63358  
ISSUE DATE: AUGUST 01, 2017



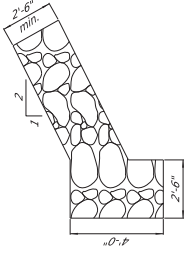
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: LANDON RHODES  
CHECKED BY: # # # #  
DATE: 2025-10-24 11:23:36

FMS CON: 110039/301000  
PROJECT NO.: STBG-0035-00011  
COUNTY: MARSHALL

Notice to Bidders No. 7755 -- Cont

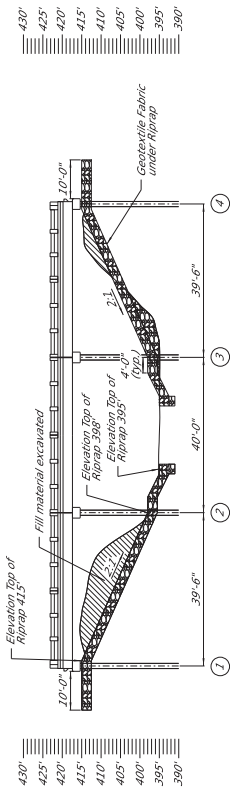
WKS NO. 4 OF 5  
SHEET NO. 8004



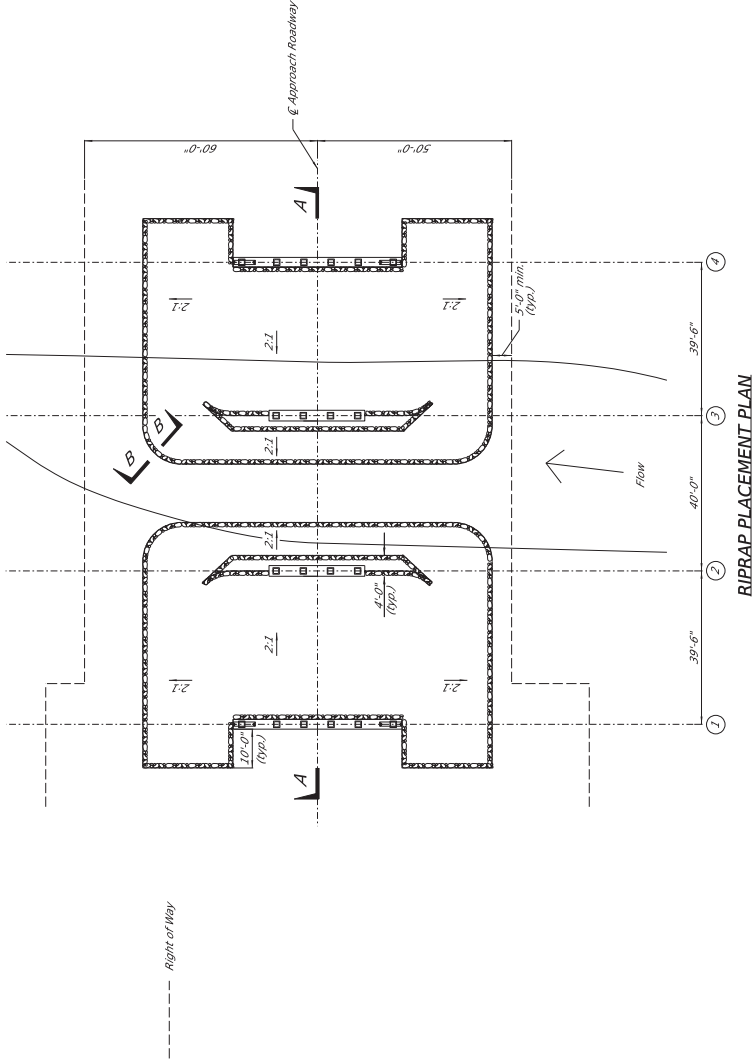
SECTION B-B

NOTE:  
Fill dirt shall be used to fill any washout spots or to level any low spots as instructed by the project engineer. This work shall be considered as an absorbed item in the bank resloping pay item.

- NOTE:
- Where the bank slope is 2:1 or less, riprap shall be placed such that the resulting slope is steeper than 2:1.
  - Where the bank slope is steeper than 2:1, riprap shall be placed such that the resulting slope is steeper than 2:1.
  - Scour areas near abutments will be filled in with riprap. Reshaping or abutment slopes is not required.
  - Any vegetation that will interfere with the placement of riprap shall be removed at the responsibility of the contractor. Removal of vegetation will be an absorbed item of work.
  - Damage to existing structures, abutments or piles while placing riprap. Any damage to the bridge due to riprap placement shall be repaired at the responsibility of the contractor with no additional cost to the state.
  - Geotextile fabric shall be placed under all riprap.



SECTION A-A



RIPRAP PLACEMENT PLAN





MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: LANDON RHODES  
CHECKED BY: ###  
DATE: 2025-10-24 11:23:36

FMS CON: 110039/301000  
PROJECT NO.: STBG-0035-00011  
COUNTY: MARSHALL

DIR. OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERLIND, P.E.  
DEPT. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICHAEL DEW, P.E.

Notice to Bidders No. 7755 -- Cont.

W.P. NO. 5  
SHEET NO. 8005

NOTE:  
1. No dirt can be pushed into the channel.  
2. If a platform for working is needed, then riprap may be used.  
3. Riprap should be placed in existing banks.  
4. Turbidity control may be required.

