

**GENERAL INDEX**

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY .....	1
<input type="checkbox"/> PERMANENT SIGNS .....	1001
<input type="checkbox"/> TRAFFIC SIGNALS .....	2001
<input type="checkbox"/> ITS COMPONENTS .....	3001
<input type="checkbox"/> LIGHTING .....	4001
<input type="checkbox"/> (RESERVED) .....	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS ..	6001
<input type="checkbox"/> BRIDGE STANDARD DWGS .....	7001
<input type="checkbox"/> BRIDGE .....	8001
<input type="checkbox"/> CROSS SECTIONS .....	9001

**BRIDGE STRUCTURES REQ'D.**

**BOX BRIDGES REQ'D.**

**CONVENTIONAL SYMBOLS**

COUNTY LINE .....	-----
TOWN CORPORATION LINE .....	-----
SECTION LINE .....	-----
EXISTING ROAD OR TRAVELED WAY .....	-----
PROPOSED ROAD OR TRAVELED WAY .....	-----
RAILROAD .....	-----
SURVEY LINE .....	-----
BRIDGES .....	-----

**STATE OF MISSISSIPPI**

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

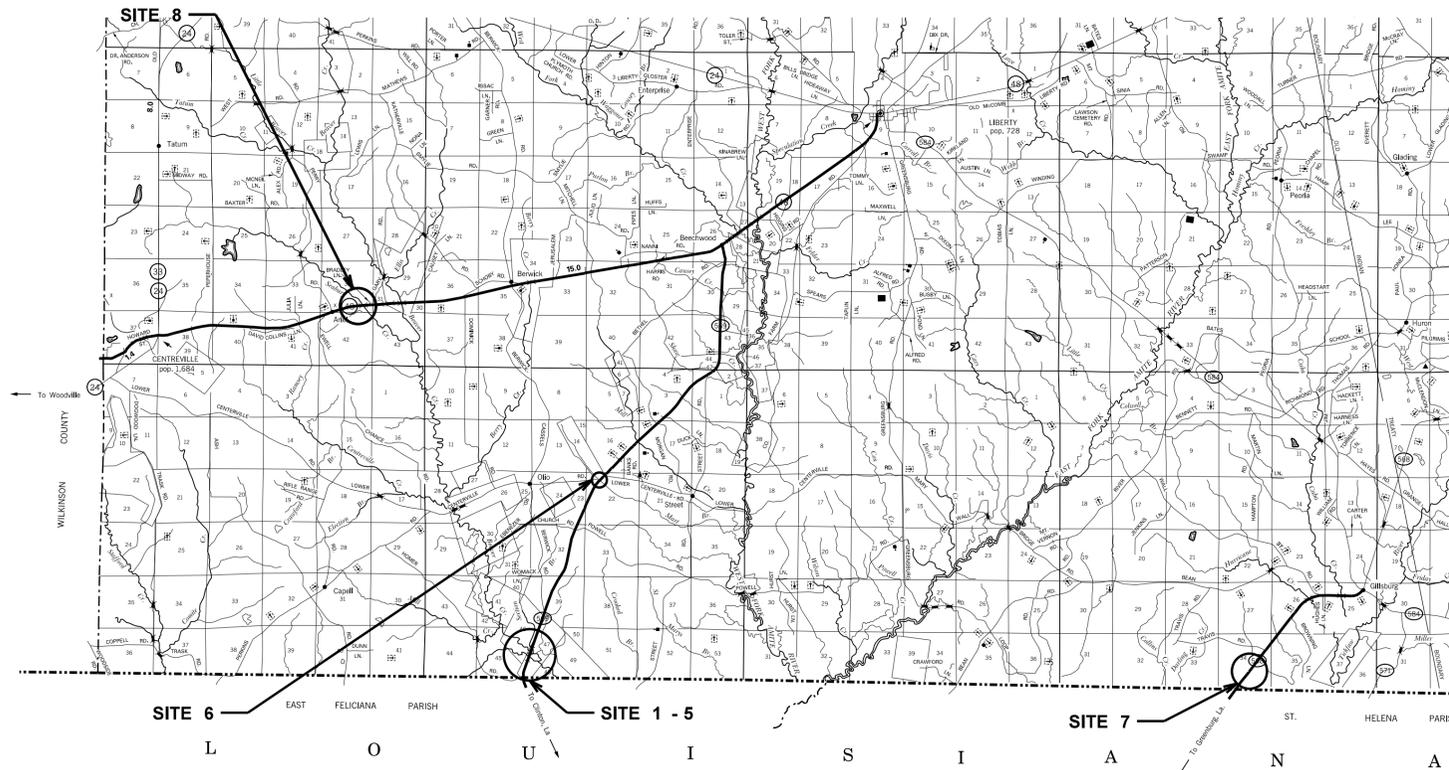
**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO.**

**S.R. 569 - 5 SITES ER-0167-00(025) 107418 /301000**  
**S.R. 569 - 1 SITE ER-0167-00(026) 107426 /301000**  
**S.R. 568 - 1 SITE ER-0166-00(009) 107417 /301000**  
**S.R. 48 - 1 SITE ER-0014-01(065) 107419 /301000**

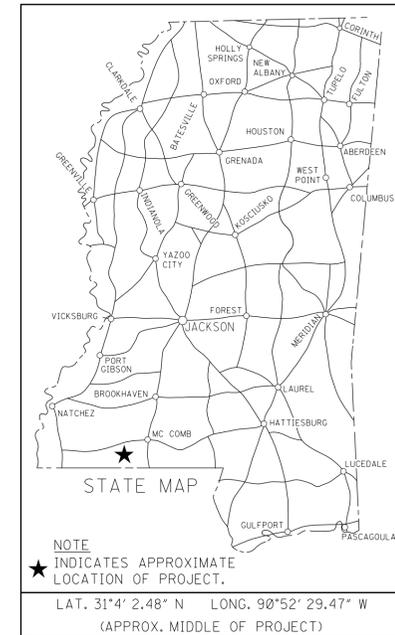
**AMITE COUNTY**

**SCALES**

<b>PLAN</b>	<b>1 IN. = 100 FT.</b>
<b>PROFILE</b> {	<b>HOR. 1 IN. = 100 FT.</b>
<b>VERT.</b>	<b>1 IN. = 10 FT.</b>
<b>LAYOUT</b>	<b>1 IN. = 9,121 FT.</b>



STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI		1



**DESIGN CONTROL**

MPH = V (SPEED DESIGN)

ADT ( ) = : ADT ( ) =

DH = : D = % T = %

**PERMITS ACQUIRED BY MDOT**

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

\* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

**STORMWATER PERMIT**

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)

S REQUIRED, CNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: \_\_\_\_\_

**P S & E DATE:**

APPROVED: \_\_\_\_\_

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

**MDOT**  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11128154 AM011 TITLE SHEET.DGN

STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)

DESCRIPTION OF SHEET

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE AND LAYOUT SHEET (1)		1
DETAILED INDEX (1)	DI-1	2
GENERAL NOTES (1)	GN-1	3
QUANTITY SHEETS (3)		
SUMMARY OF ESTIMATED QUANTITIES	SQS-1	4
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ESTIMATED QUANTITY FOR TRAFFIC CONTROL SIGNING	TCPQ-1	6
PLAN & PROFILE SHEETS (14)		
S.R. 569 - SITE 1 - SHOULDER WORK (PLAN PROFILE SHEET)	WK3	7
S.R. 569 - SITE 1 - SHOULDER WORK (DETAIL SHEET)	WK3A	8
S.R. 569- SITE 2,3,4 - BRIDGE (PLAN PROFILE SHEET)	WK4	9
S.R. 569 - SITE 2 - BRIDGE (DETAIL SHEET)	WK4A	10
S.R. 569 - SITE 3 -BRIDGE (DETAIL SHEET)	WK4B	11
S.R. 569 - SITE 4 - BRIDGE (DETAIL SHEET)	WK4C	12
S.R. 568 - SITE 5 - SHOULDER AND DRIVEWAY WORK (PLAN PROFILE SHEET)	WK5	13
S.R. 568 - SITE 5 - SHOULDER AND DRIVEWAY WORK (DETAIL SHEET)	WK5A	14
QUANTITIES FOR SITES 1,2,3,4, AND 5	WK6	15
S.R. 569 - SITE 6 - BOX CULVERT (PLAN PROFILE SHEET)	WK7	16
S.R. 569 - SITE 6 - BOX CULVERT (DETAIL SHEET)	WK7A	17
S.R. 568 - SITE 7 - BOX CULVERT (PLAN PROFILE SHEET)	WK8	18
S.R. 568 - SITE 7 - BOX CULVERT (DETAIL SHEET)	WK8A	19
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11:28:56 AM 02/21/2016 INDEX.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DISTRICT 7		
PS & E PLANS-DATE 06/02/2016		
FMS CON. * 107417/301000; 107418/301000; 107419/301000; 107426/301000;		
REVISIONS		
DATE	SHEET NO.	BY

REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	DETAIL INDEX	
DATE	COUNTY: AMITE	
	PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)	
DESIGN TEAM	CHECKED	DATE



WORKING NUMBER  
**DI-1**  
SHEET NUMBER  
**2**

STATE	PROJECT NO.
MISS.	ER-0167-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)

GENERAL NOTES

- ① THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
  
- ② ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH THE MUTCD (LATEST EDITION).
  
- ③ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
  
- ④ SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
  
- ⑤ ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
  
- ⑥ ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
  
- ⑦ ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
  
- ⑧ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
  
- ⑨ THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES 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.
  
- ⑩ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
  
- ⑪ THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE ASPHALT PAVEMENT AND/OR STRIPE THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO ASPHALT PAVEMENT AND/OR STRIPE WILL BE IN ACCORDANCE WITH SECTION 403 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED ASPHALT PAVEMENT AND/OR STRIPE.

11:28:58 AM 03 GENERAL NOTES.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
COUNTY: MARION	
PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)	
WORKING NUMBER GN-1	
SHEET NUMBER 3	
FILENAME: _____	DESIGN TEAM _____ CHECKED _____ DATE _____



STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)

### ESTIMATED QUANTITIES - AMITE COUNTY

	SITE 1 S.R. 569	SITE 2 S.R. 569	SITE 3 S.R. 569	SITE 4 S.R. 569	SITE 5 S.R. 569	SITE 6 S.R. 569	SITE 7 S.R. 568	SITE 8 S.R. 48			TOTAL
201-A001 CLEARING AND GRUBBING			0.33 LS	0.33 LS			0.34 LS				1 LS
202-B005 REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS	33 SY										33 SY
203-EY040 BORROW EXCAVATION AH, LVM, CLASS B9-6			2,811 CY	134 CY			36 CY	778 CY			3,759 SY
203-F002 CHANNEL EXCAVATION, LVM							630 CY				630 CY
203-G004 EXCESS EXCAVATION, LVM, AH	1,589 CY	122 CY			37 CY						1,748 CY
907-203-1001 SITE GRADING	5,133 SY				556 SY			1,945 SY			7,634 SY
907-216-A001 SOLID SODDING	6,689 SY	45 SY	2,420 SY	2,420 SY	556 SY	2,420 SY	2,420 SY	1,945 SY			18,915 SY
219-A001 WATERING	134 KGAL	1 KGAL	49 KGAL	49 KGAL	11 KGAL	49 KGAL	49 KGAL	39 KGAL			381 KGAL
907-226-A001 TEMPORARY GRASSING	1.4 ACRES	0.1 ACRES			0.1 ACRES			0.4 ACRES			2 ACRES
234-A001 TEMPORARY SILT FENCE	2,640 LF	170 LF			425 LF			1,450 LF			4,485 LF
907-237-A003 WATTLES, 20"	1,060 LF	80 LF			160 LF			560 LF			1,860 LF
907-304-A003 GRANULAR MATERIAL, LVM, CLASS 6 GROUP D	1,533 CY				56 CY			116 CY			1,705 LF
907-304-H002 3/4" AND DOWN CRUSHED STONE BASE, LVM	50 CY										50 CY
907-403-A017 9.5MM, ST, ASPHALT PAVEMENT	5 TONS										5 TONS
907-403-A019 9.5MM, ST, ASPHALT PAVEMENT	10 TONS										10 TONS
907-407-A001 ASPHALT FOR TACK COAT	2.5 GAL										2.5 GAL
503-C007 SAW CUT, FULL DEPTH	62 LF										62 LF
625-C001 TRAFFIC STRIPE, CONTINUOUS WHITE	350 LF										350 LF
815-A009 LOOSE RIPRAP, SIZE 300		656 TONS	979 TONS	807 TONS		198 TONS	1,080 TONS				3,720 TONS
815-E001 GEOTEXTILE UNDER RIPRAP		200 SY	804 SY	668 SY		245 SY	778 SY				2,695 SY

ROADWAY PLAN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11:29:25 AM 05/11/25 EQ-1.DGN

REVISION		BY		DATE		MISSISSIPPI DEPARTMENT OF TRANSPORTATION ESTIMATED QUANTITIES  COUNTY: AMITE PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)		 WORKING NUMBER EQ-1	
FILENAME:		DESIGN TEAM		CHECKED		DATE		SHEET NUMBER 5	

STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)

### SIGNS REQUIRED

SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
G20 - 1	60" X 24"	10.00	2	20	ROAD WORK NEXT X X MILES
G20 - 2	48" X 24"	8.00	6	48	END ROAD WORK
G20 - 4	36" X 18"	4.50			PILOT CAR FOLLOW ME
1	M1 - 1	24" X 24"	4.00		1 OR 2 DIGIT
1	M1 - 1	30" X 24"	5.00		3 DIGIT
2	M1 - 4	24" X 24"	4.00		1 OR 2 DIGIT
2	M1 - 4	30" X 24"	5.00		3 DIGIT
3	M1 - 5	24" X 24"	4.00		1 OR 2 DIGIT
3	M1 - 5	30" X 24"	5.00		3 DIGIT
4	M3 - 1	24" X 12"	2.00		NORTH- 1 OR 2 DIGIT RTE. MARKER
4	M3 - 1	30" X 15"	3.13		NORTH- 3 DIGIT RTE. MARKER
4	M3 - 2	24" X 12"	2.00		EAST- 1 OR 2 DIGIT RTE. MARKER
4	M3 - 2	30" X 15"	3.13		EAST- 3 DIGIT RTE. MARKER
4	M3 - 3	24" X 12"	2.00		SOUTH- 1 OR 2 DIGIT RTE. MARKER
4	M3 - 3	30" X 15"	3.13		SOUTH- 3 DIGIT RTE. MARKER
4	M3 - 4	24" X 12"	2.00		WEST- 1 OR 2 DIGIT RTE. MARKER
4	M3 - 4	30" X 15"	3.13		WEST- 3 DIGIT RTE. MARKER
	M4 - 8	24" X 12"	2.00		DETOUR- 1 OR 2 DIGIT RTE. MARKER
	M4 - 8	30" X 15"	3.13		DETOUR- 3 DIGIT RTE. MARKER
	M4 - 9	48" X 36"	12.00		DETOUR
	M4 - 9L	48" X 36"	12.00		DETOUR
	M4 - 9BL	48" X 36"	12.00		DETOUR
	M4 - 9SL	48" X 36"	12.00		DETOUR
	M4 - 9BSL	48" X 36"	12.00		DETOUR
	M4 - 9R	48" X 36"	12.00		DETOUR
	M4 - 9BR	48" X 36"	12.00		DETOUR
	M4 - 9SR	48" X 36"	12.00		DETOUR
	M4 - 9BSR	48" X 36"	12.00		DETOUR
	M4 - 10L	48" X 18"	6.00		DETOUR
	M4 - 10R	48" X 18"	6.00		DETOUR
4	M4 - 5	24" X 12"	2.00		TO
4	M5 - 1L	21" X 15"	2.19		
4	M5 - 1R	21" X 15"	2.19		
4	M5 - 2L	21" X 15"	2.19		
4	M5 - 2R	21" X 15"	2.19		
4	M6 - 1L	21" X 15"	2.19		
4	M6 - 1R	21" X 15"	2.19		
4	M6 - 2L	21" X 15"	2.19		
4	M6 - 2R	21" X 15"	2.19		
4	M6 - 3	21" X 15"	2.19		
	R1 - 1	36" OCTAGON	7.46		STOP
	R1 - 1	48" OCTAGON	13.25		
	R1 - 2	48" X 48" X 48"	6.93		YIELD
	R1 - 2	60" X 60" X 60"	10.83		

### SIGNS REQUIRED (CONT'D)

SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
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	12	60	
R2 - 1	36" X 48"	12.00			SPEED LIMIT
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			
R3 - 5R	30" X 36"	7.50			
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"	8.75			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"	10.00			ROAD CLOSED
R11 - 3a	60" X 30"	12.50			ROAD CLOSED XX MILES AHEAD
R11 - 3b	60" X 30"	12.50			BRIDGE OUT XX MILES AHEAD
R11 - 4	60" X 30"	12.50			ROAD CLOSED TO THRU TRAFFIC
R12 - 1	36" X 48"	12.00			WEIGHT LIMIT XX TONS
R16 - 3	36" X 48"	12.00	8	96	WHEN WORKERS ARE PRESENT SPEEDING FINES DOUBLED
	48" X 60"	20.00			
	W1 - 1L	48" X 48"	16.00		
	W1 - 1R	48" X 48"	16.00		
	W1 - 2L	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 - 4aL	48" X 48"	16.00		
	W1 - 4aR	48" X 48"	16.00		
	W1 - 5L	48" X 48"	16.00		
	W1 - 5R	48" X 48"	16.00		
	W1 - 6L	48" X 24"	8.00		
	W1 - 6L	60" X 30"	12.50		
	W1 - 6R	48" X 24"	8.00		
	W1 - 6R	60" X 30"	12.50		
	W1 - 7	48" X 24"	8.00		

### SIGNS REQUIRED (CONT'D)

SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
W1 - 7	60" X 30"	12.50			
W1 - 8L	18" X 24"	3.00			
W1 - 8L	36" X 48"	12.00			
W1 - 8R	18" X 24"	3.00			
W1 - 8R	36" X 48"	12.00			
W1 - 9L	48" X 48"	16.00			
W1 - 9R	48" X 48"	16.00			
W3 - 1a	48" X 48"	16.00			
W3 - 2a	48" X 48"	16.00			
W3 - 3	48" X 48"	16.00			
W3 - 5	48" X 48"	16.00	6	96	SPEED REDUCTION
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			
W5 - 1a	48" X 48"	16.00			PAVEMENT NARROWS
W6 - 1	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			BUMP
W8 - 4	48" X 48"	16.00			SOFT SHOULDER
W8 - 6	48" X 48"	16.00			TRUCK CROSSING
W8 - 7	48" X 48"	16.00			LOOSE GRAVEL
W8 - 9	48" X 48"	16.00			LOW SHOULDER
W8 - 11	36" X 36"	9.00			UNEVEN LANES
W8 - 12	48" X 48"	16.00			NO CENTER STRIPE
W10 - 1	36" DIA.	7.07			
W10 - 1	48" DIA.	12.56			
W13 - 1	24" X 24"	4.00			XX MPH
W14 - 3	36"X48"X48"	5.56			NO PASSING ZONE
	48"X64"X64"	9.89			
W16-2	24" X 18"	3.00			XXX FEET
W19 - 2	48" X 48"	16.00			BRIDGE MAY ICE IN COLD WEATHER
W20 - 1	48" X 48"	16.00	23	368	ADVANCE ROAD WORK
W20 - 1	36" X 36"	9.00			
W20 - 2	48" X 48"	16.00			ADVANCE DETOUR
W20 - 3	48" X 48"	16.00			ADVANCE ROAD CLOSED
W20 - 4	48" X 48"	16.00			ADVANCE ONE-LN. RD.
W20 - 4B	48" X 48"	16.00			ADVANCE ONE-LN. BR.
W20 - 5L	48" X 48"	16.00			ADVANCE LT. LN. CLOSED
W20 - 5R	48" X 48"	16.00			ADVANCE RT. LN. CLOSED
W20 - 7a	48" X 48"	16.00			
W21 - 1	36" X 36"	9.00			WORKERS
W21 - 1a	36" X 36"	9.00			

### SIGNS REQUIRED (CONT'D)

SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
W21 - 2	36" X 36"	9.00			FRESH OIL ( TAR )
W21 - 3	48" X 48"	16.00			ADVANCE ROAD MACHINERY
W21 - 5	48" X 48"	16.00			SHOULDER WORK
W21 - 6	36" X 36"	9.00			SURVEY CREW
W24 - 1R	48" X 48"	16.00			
W24 - 1L	48" X 48"	16.00			
W24 - 1AL	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			
OM - 3L	12" X 36"	3.00			
OM - 3R	12" X 36"	3.00			
TOTAL SIGN AREA LESS THAN 10 SQ. FT.					108 SQ. FT.
TOTAL SIGN AREA 10 SQ. FT. OR MORE					580 SQ. FT.

- ① STANDARD
- ② SPECIAL (USE WHERE WARRANTED)

### NOTES

- ① INTERSTATE ROUTE MARKER
- ② UNITED STATES ROUTE MARKER
- ③ STATE ROUTE MARKER
- ④ COLORS OF CARDINAL DIRECTION MARKERS AND DIRECTIONAL ARROWS SHALL BE APPROPRIATE TO MATCH ACCOMPANYING ROUTE MARKERS.
- ⑤ BLACK STRIPES ON YELLOW BACKGROUND
- ⑥ INTERSTATE USE ONLY
- ⑦ TOP OF SIGN - BLACK LETTERING ON ORANGE BACKGROUND, BOTTOM OF SIGN - BLACK LETTERING ON WHITE BACKGROUND

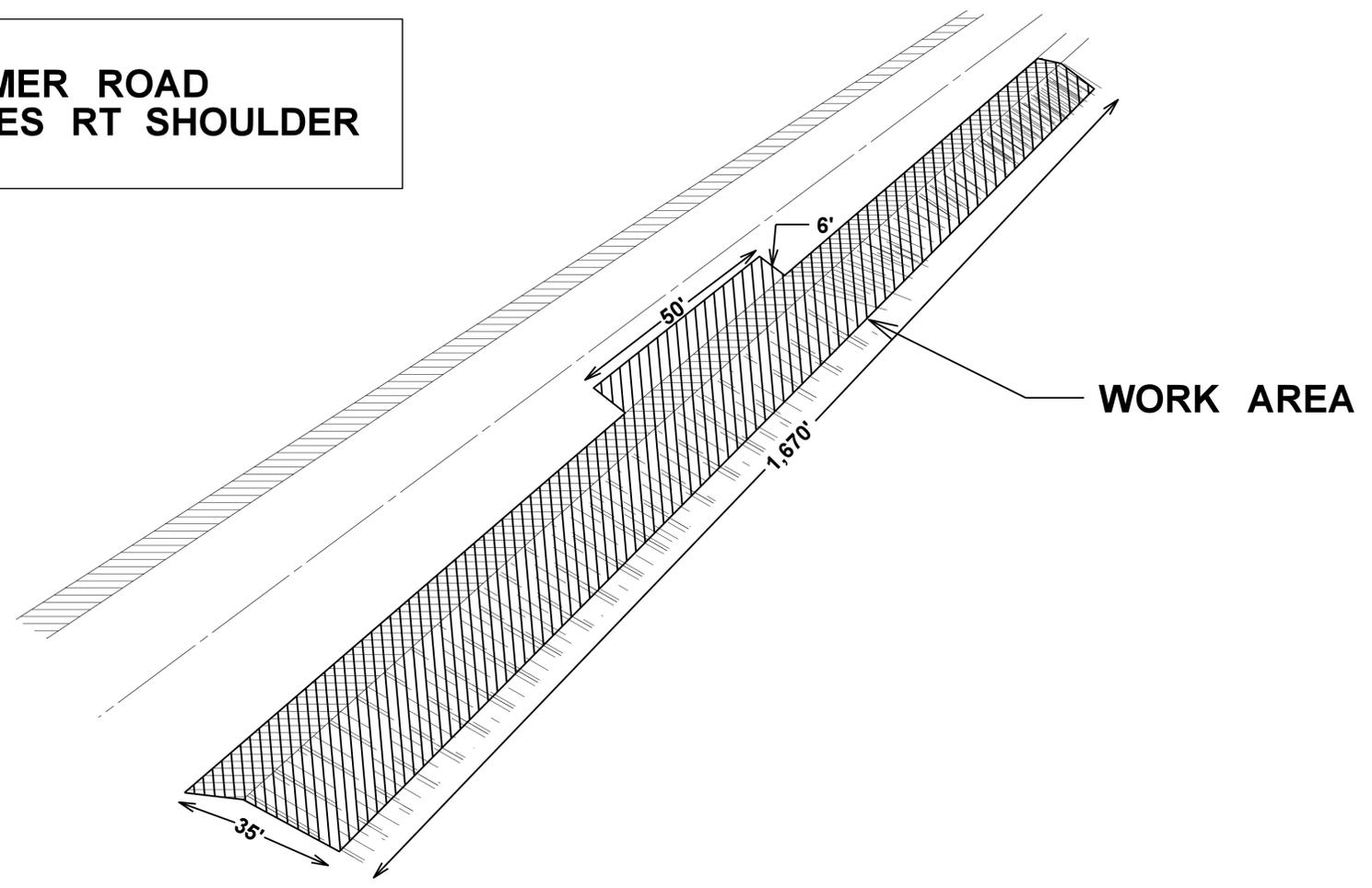
THE BACKGROUND OF ALL WARNING SIGNS ("W" SERIES) EXCEPT W10-1 SHALL BE ORANGE. THE W10-1 BACKGROUND SHALL BE YELLOW IN ALL CASES.

REVISION	BY	DATE	DESIGN TEAM	CHECKED	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS</b>					
COUNTY: AMITE PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)					
WORKING NUMBER TCPQ-1					
SHEET NUMBER 6					

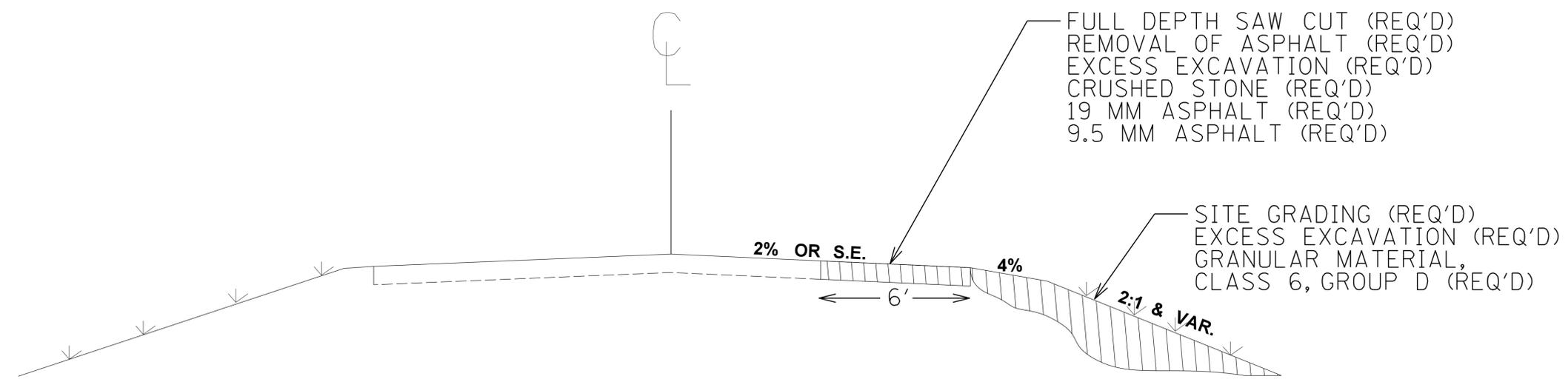
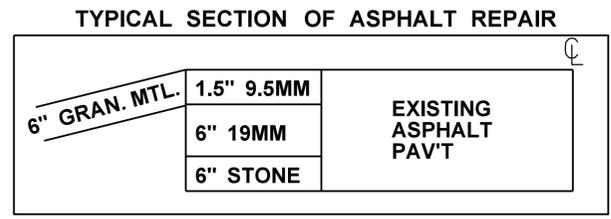


STATE	PROJECT NO.
MISS.	ER-0167-00(025)

**SITE 1 - S.R. 569  
STARTING AT HOMER ROAD  
NORTH ± 0.25 MILES RT SHOULDER  
TO BRIDGE**



NOTE: EXCESS EXCAVATION INCLUDES REMOVAL OF RAP PLACED BY MDOT.



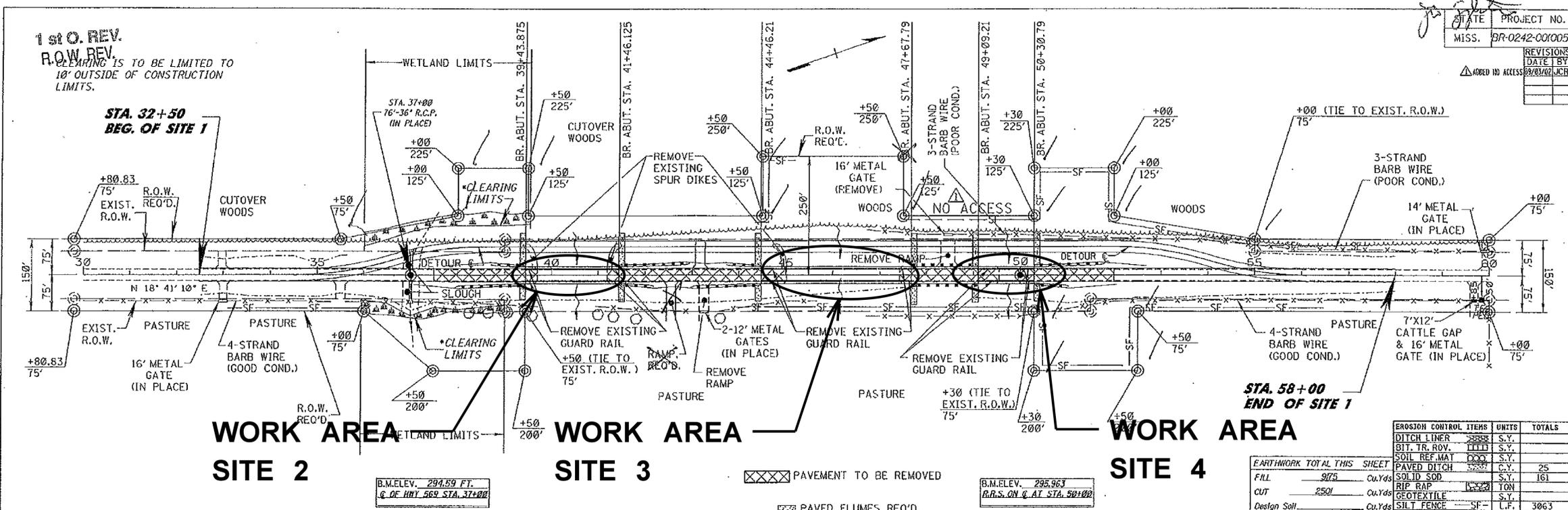
ROADWAY SHOULDER DETAIL

\*\*\* FOR INFORMATION ONLY \*\*\*

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION	<b>SITE 1</b>
DATE	COUNTY: AMITE
DESIGN TEAM	PROJ. NO.: ER-0167-00(025)
CHECKED	DATE
	
WORKING NUMBER	03A
SHEET NUMBER	8

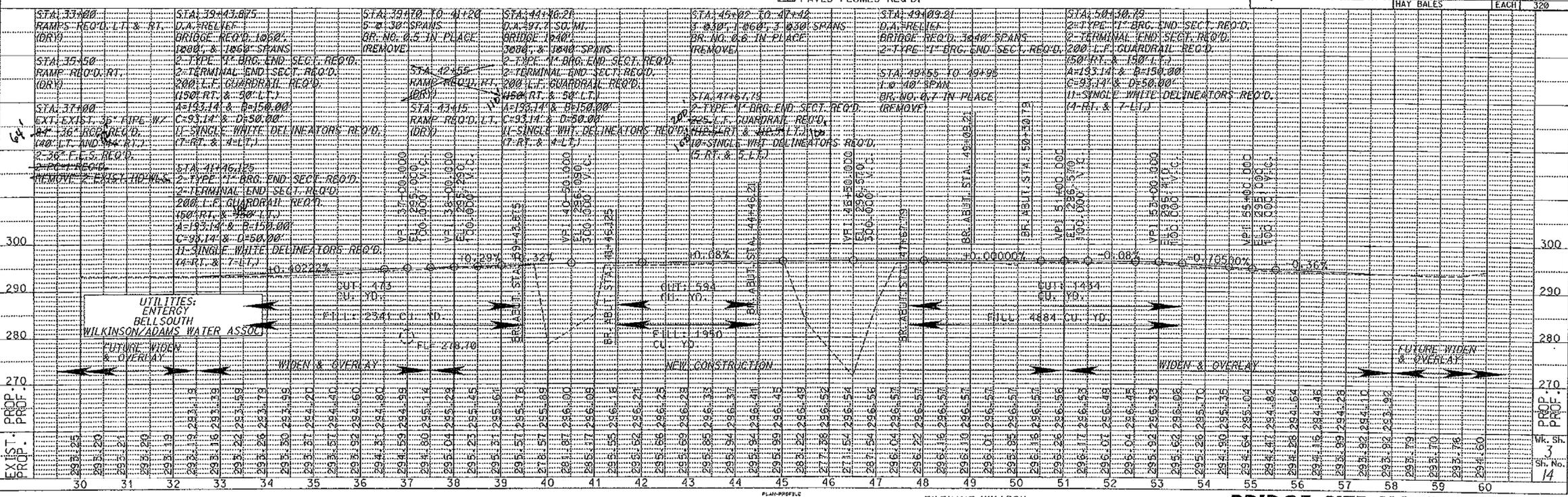
9/9/2016 11:29:56 AM 11 HWY 569 SHOULDER DETAIL.DGN

STATE	PROJECT NO.
MISS.	ER-0167-00(025)



EROSION CONTROL ITEMS	UNITS	TOTALS
DITCH LINER	S.Y.	
BIT. TR. ROV.	S.Y.	
SOIL REF. MAT	S.Y.	25
PAVED DITCH	S.Y.	161
SOLID SOD	S.Y.	
RIP RAP	TON	
GEOTEXTILE	S.Y.	
SILT FENCE	L.F.	3063
HAY BALES	EACH	320

EARTHWORK TOTAL THIS SHEET	UNITS	TOTALS
FILL	Cu.Yds	975
CUT	Cu.Yds	2501
Design Soil	Cu.Yds	



STA.	PROP. ELEV.	PROP. ELEV.
30	295.15	295.15
31	295.20	295.20
32	295.25	295.25
33	295.30	295.30
34	295.35	295.35
35	295.40	295.40
36	295.45	295.45
37	295.50	295.50
38	295.55	295.55
39	295.60	295.60
40	295.65	295.65
41	295.70	295.70
42	295.75	295.75
43	295.80	295.80
44	295.85	295.85
45	295.90	295.90
46	295.95	295.95
47	296.00	296.00
48	296.05	296.05
49	296.10	296.10
50	296.15	296.15
51	296.20	296.20
52	296.25	296.25
53	296.30	296.30
54	296.35	296.35
55	296.40	296.40
56	296.45	296.45
57	296.50	296.50
58	296.55	296.55
59	296.60	296.60
60	296.65	296.65

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
 ROADWAY DESIGN DIVISION  
 CADD  
 9/9/2016 11:29:58 AM 21 HWY 569 BRIDGES.DGN

\*\*\* FOR INFORMATION ONLY \*\*\*

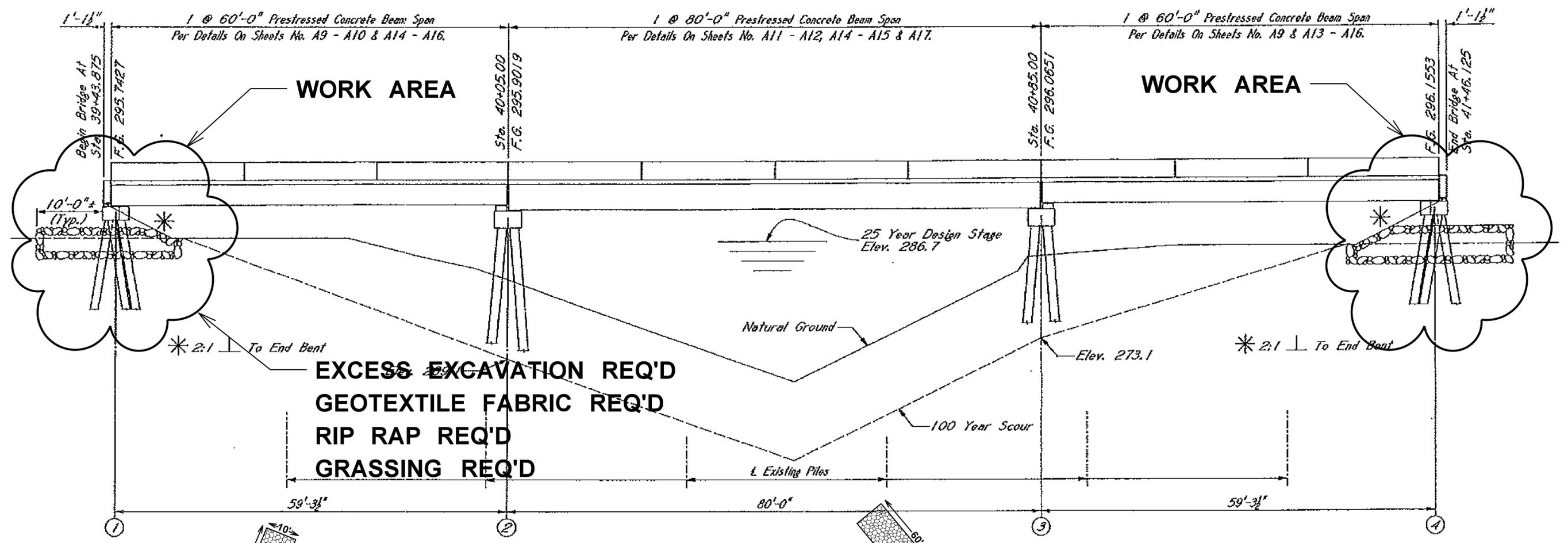
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION	BY
<b>SITES 2, 3, AND 4</b>	
COUNTY: AMITE	
PROJ. NO.: ER-0167-00(025)	
DATE	DESIGN TEAM
FILENAME: RWD.CEL	CHECKED
DATE	DATE

WORKING NUMBER  
**04**

SHEET NUMBER  
**9**



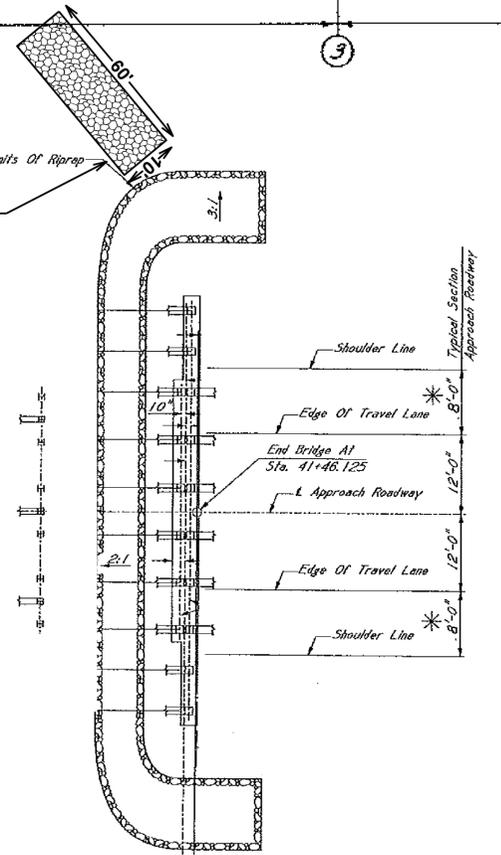
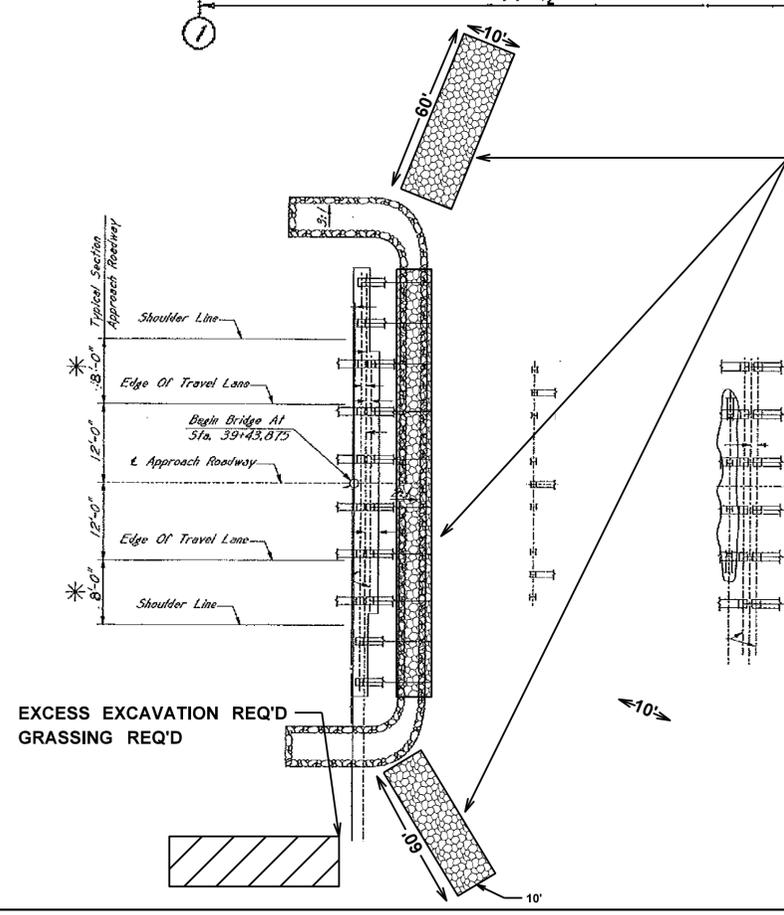
STATE	PROJECT NO.
MISS.	ER-0167-00(025)



**EXCESS EXCAVATION REQ'D**  
**GEOTEXTILE FABRIC REQ'D**  
**RIP RAP REQ'D**  
**GRASSING REQ'D**

**EXCESS EXCAVATION REQ'D**  
**GEOTEXTILE FABRIC REQ'D**  
**RIP RAP REQ'D (APPROX. 18")**

**EXCESS EXCAVATION REQ'D**  
**RIP RAP REQ'D (APPROX. 18")**  
**GEOTEXTILE FABRIC REQ'D**



**SITE 2 - S.R. 569**  
**±0.5 MILES NORTH OF THE**  
**MS / LA STATE LINE**  
**BEAVER CREEK RELIEF BRIDGE**

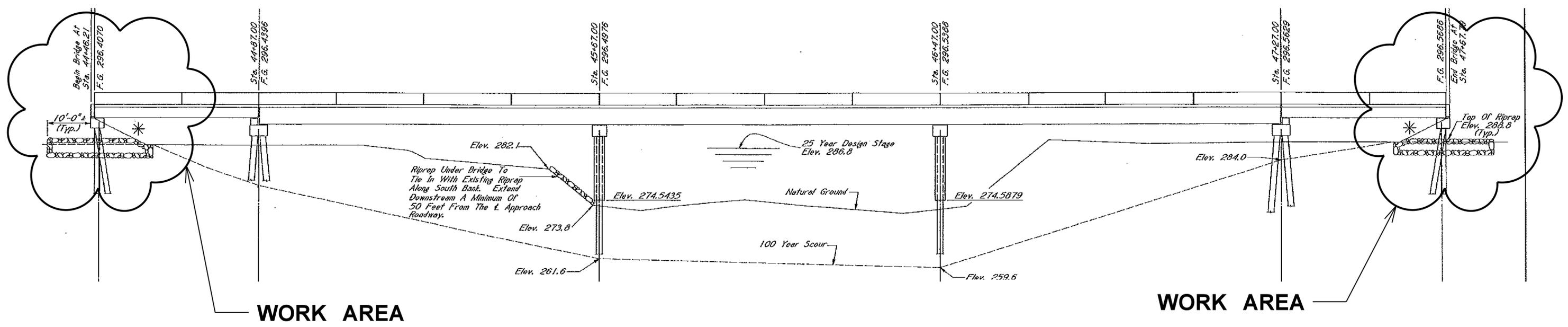
**\*\*\* FOR INFORMATION ONLY \*\*\***

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION	SITE 2
DATE	COUNTY: AMITE
DESIGN TEAM	PROJ. NO.: ER-0167-00(025)
CHECKED	FILENAME: RWD.CEL
DATE	WORKING NUMBER
	04A
	SHEET NUMBER
	10

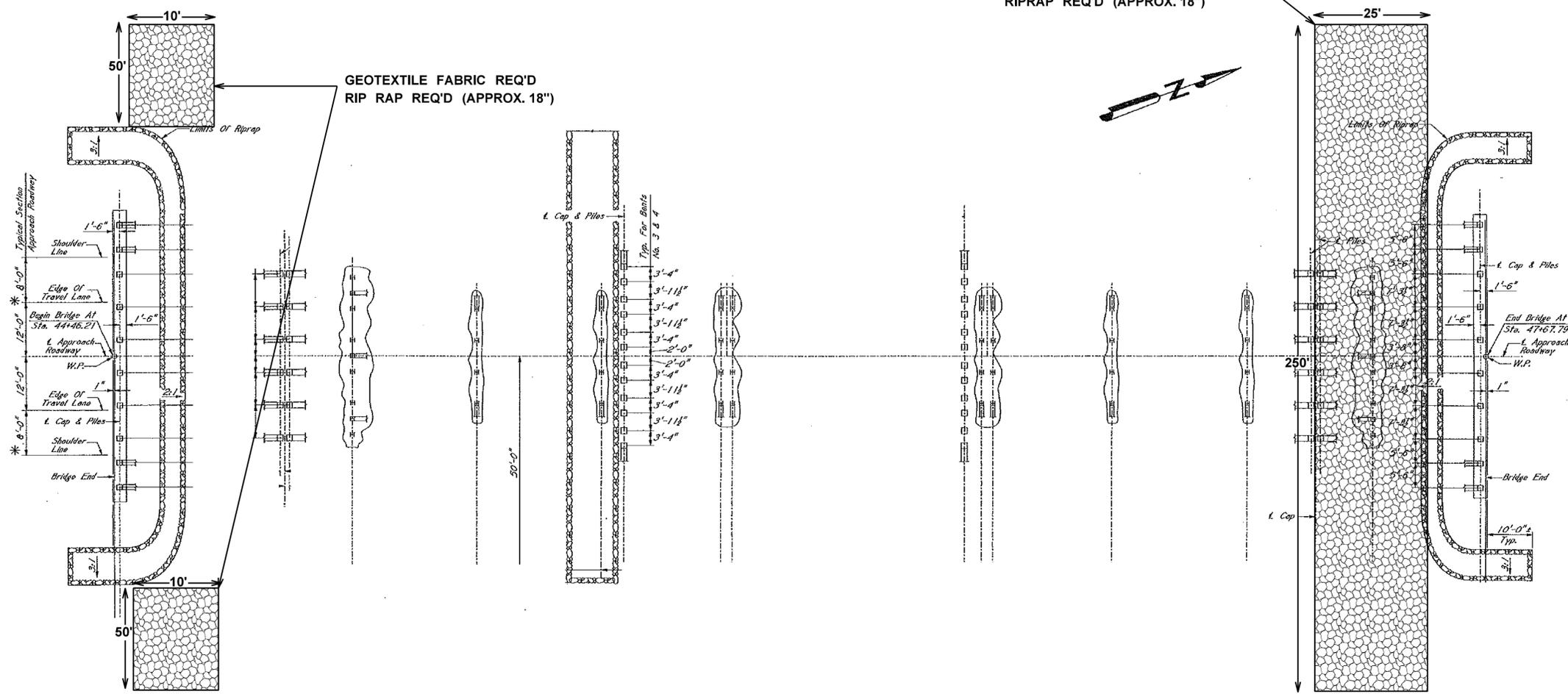


9/9/2016 11:30:23 AM 31 HWY 569 BRIDGE 1 DETAIL.DGN

STATE	PROJECT NO.
MISS.	ER-0167-00(025)



BORROW EXCAVATION REQ'D  
 GEOTEXTILE FABRIC REQ'D  
 RIPRAP REQ'D (APPROX. 18")



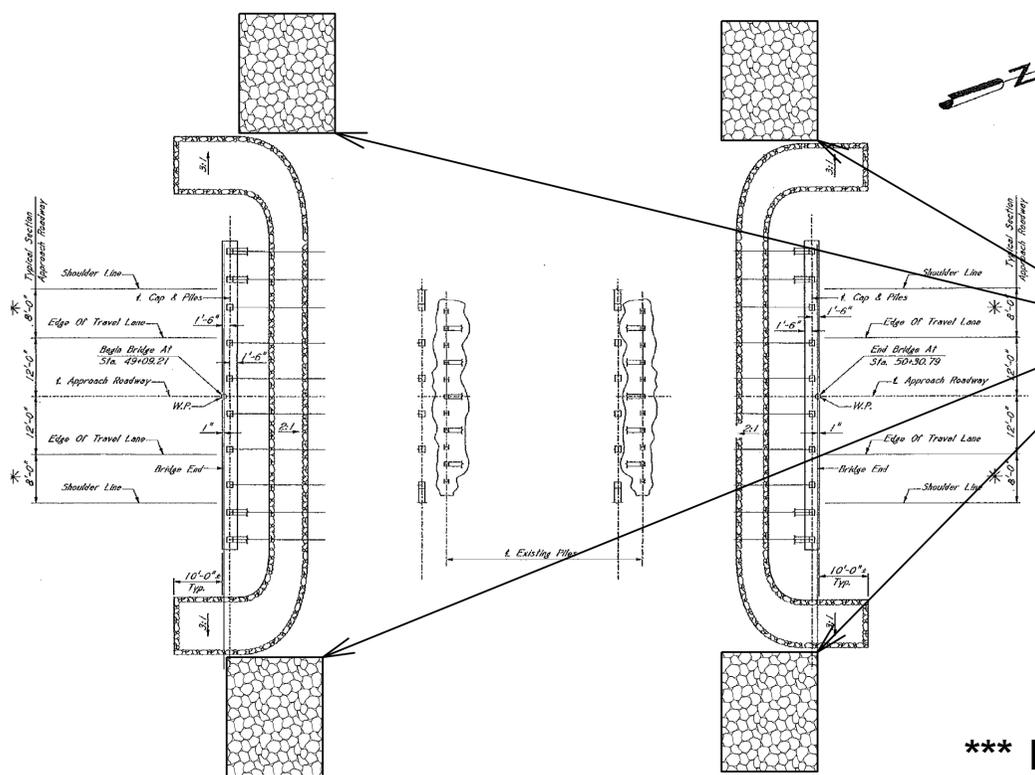
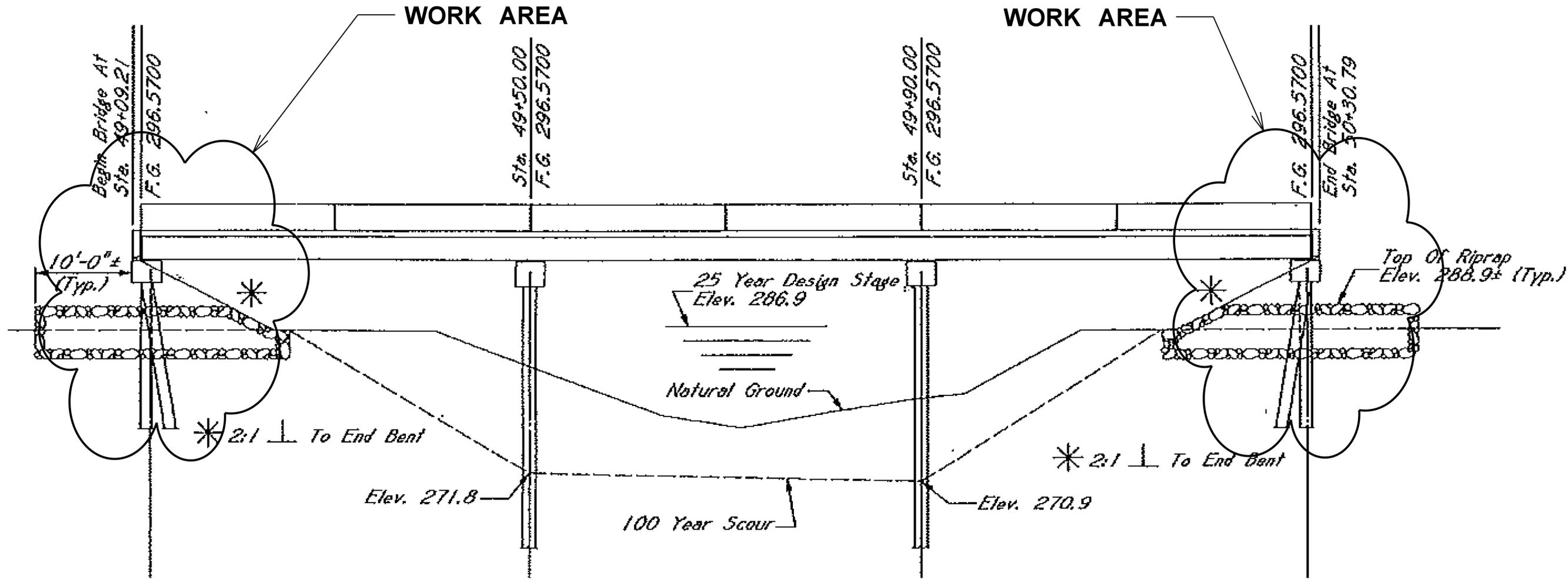
**SITE 3 - S.R. 569**  
**±0.6 MILES NORTH OF THE**  
**MS / LA STATE LINE**  
**BEAVER CREEK BRIDGE**

\*\*\* FOR INFORMATION ONLY \*\*\*

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION	SITE 3
DATE	COUNTY: AMITE
DESIGN TEAM	PROJ. NO.: ER-0167-00(025)
CHECKED	FILENAME: RWD.CEL
DATE	WORKING NUMBER
	04B
	SHEET NUMBER
	11

9/9/2016 11:31:02 AM 43 HWY 569 BRIDGE 2 DETAIL.DGN  
 ROADWAY PLAN DIVISION  
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	ER-0167-00(025)



**SITE 4 - S.R. 569**  
**±0.7 MILES NORTH OF THE**  
**MS / LA STATE LINE**  
**BEAVER CREEK BRIDGE**

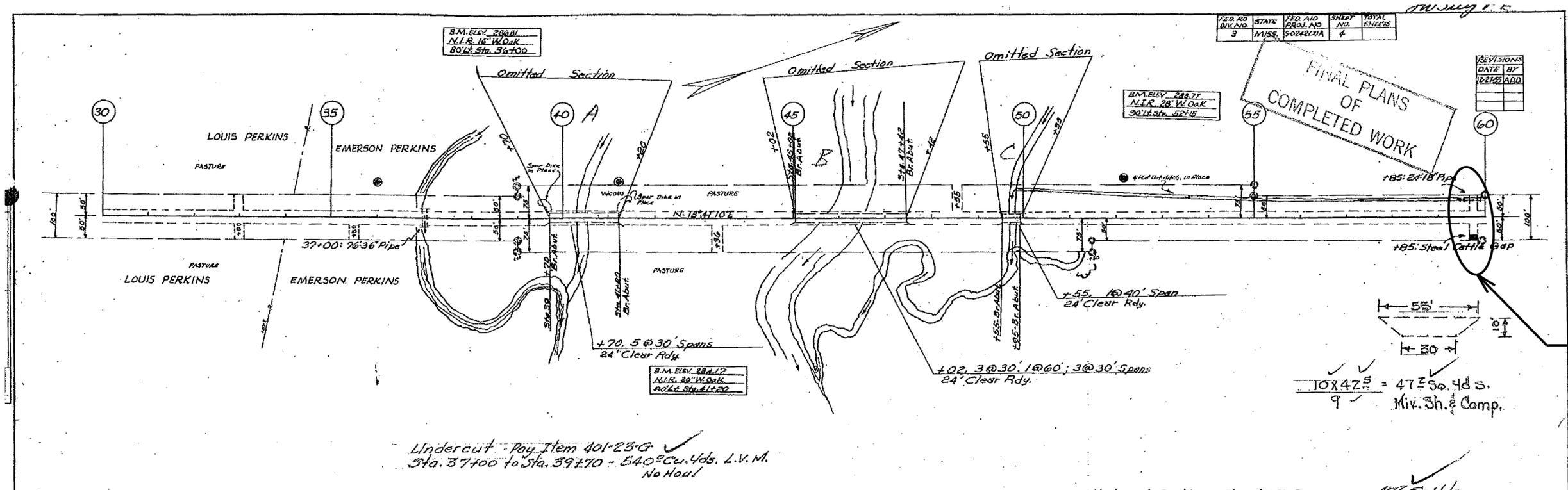
**BORROW EXCAVATION REQ'D**  
**GEOTEXTILE FABRIC REQ'D**  
**RIP RAP REQ'D (APPROX 18")**

**\*\*\* FOR INFORMATION ONLY \*\*\***

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		SITE 4	
DATE		COUNTY: AMITE	
DESIGN TEAM		PROJ. NO.: ER-0167-00(025)	
CHECKED		DATE	
DATE		FILENAME: RWD.CEL	
DATE		SHEET NUMBER	
DATE		12	



9/9/2016 11:31:39 AM 51 HWY 569 BRIDGE 3.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



**WORK AREA SITE 5**

30	1	2	3	4	5	6	7	8	9	40	1	2	3	4	5	6	7	8	9	50	1	2	3	4	5	6	7	8	9	60	
280																															
290																															

\*\*\* FOR INFORMATION ONLY \*\*\*

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SITE 5	
COUNTY: AMITE	
PROJ. NO.: ER-0167-00(025)	
FILENAME: RWD.CEL	
DESIGN TEAM	CHECKED _____ DATE _____

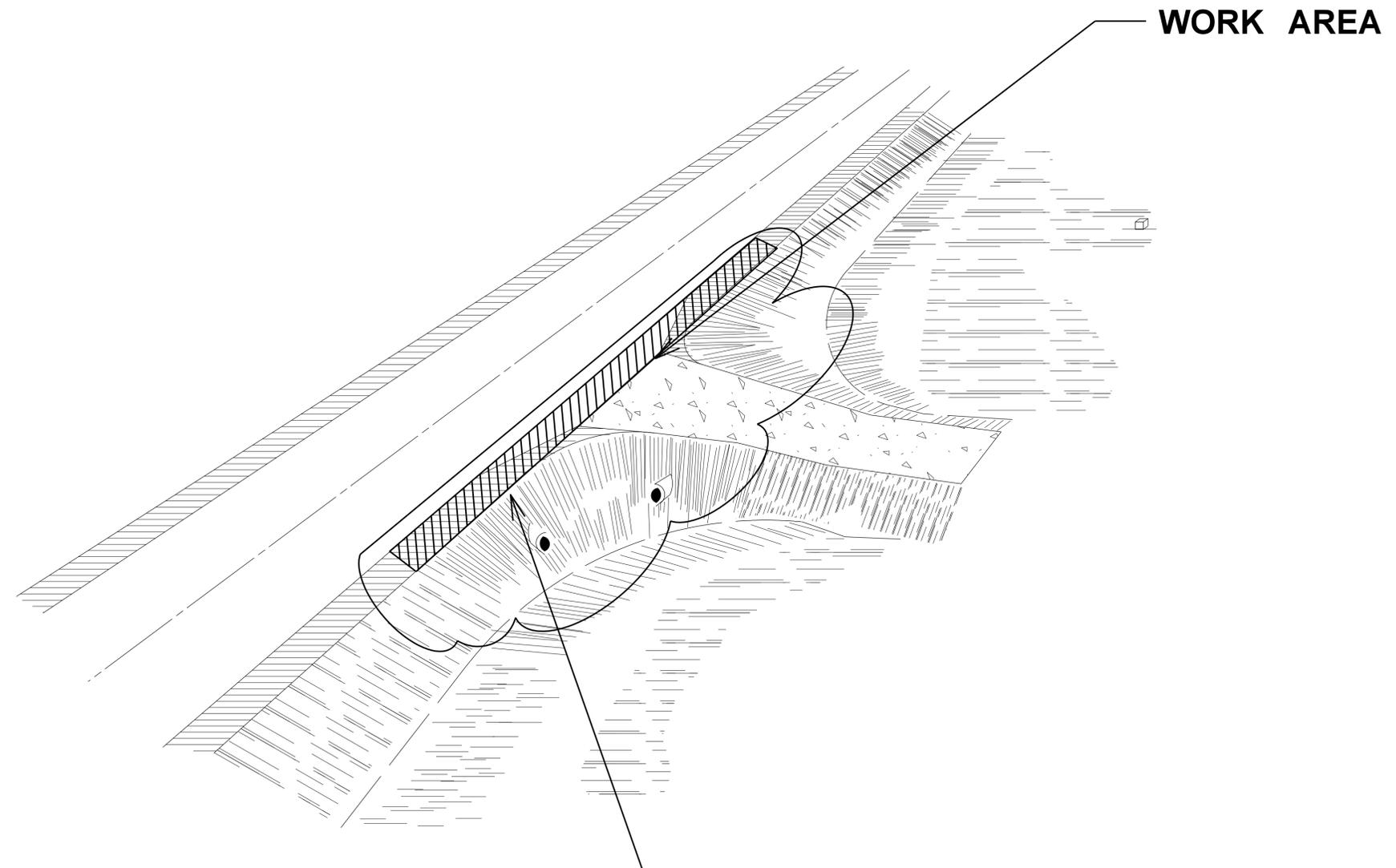
REVISION	BY

WORKING NUMBER	05
SHEET NUMBER	13

9/9/2016 11:32:14 AM G:\HWY 569 DRIVE #1.DGN

STATE	PROJECT NO.
MISS.	ER-0167-00(025)

**SITE 5**  
**S.R. 568 SHOULDER AND DRIVE**  
**± 0.9 MILES NORTH OF**  
**LA / MS STATE LINE**



**NOTE:**  
**RIPRAP TO REMAIN ON DRIVEWAY**

**EXCESS EXCAVATION REQ'D (INCLUDES REMOVAL OF RIPRAP FROM SHOULDERS)**  
**CLASS 6 GROUP D GRANULAR MATERIAL REQ'D**  
**SITE GRADING REQ'D**  
**GRASSING REQ'D**

**\*\*\* FOR INFORMATION ONLY \*\*\***

9/9/2016 11:32:40 AM 71 HWY 568 DRIVE DETAIL.DGN

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	REVISION	SITE 5	
	DATE	COUNTY: AMITE	
	DESIGN TEAM	PROJ. NO.: ER-0167-00(025)	
	CHECKED	WORKING NUMBER	
	DATE	Ø5A	
		SHEET NUMBER	
		14	



STATE	PROJECT NO.
MISS.	ER-0167-00(025)

### SITE 1 - S.R. 569

PAY ITEM	DESCRIPTION	QTY
202-B005	REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS	33 SY
203-G004	EXCESS EXCAVATION, LVM, AH	1,589 CY
907-203-I001	SITE GRADING	5,133 SY
907-216-A001	SOLID SODDING	6,689 SY
219-A001	WATERING	134 KGAL
907-226-A001	TEMPORARY GRASSING	1.38 ACRES
234-A001	TEMPORARY SILT FENCE	2,640 LF
907-237-A003	WATTLES, 20"	1,060 LF
907-304-A003	GRANULAR MATERIAL, LVM, CLASS 6, GROUP D	1,533 CY
907-304-H002 OR 907-304-H003 OR 907-304-I003	3/4" AND DOWN CRUSHED STONE BASE, LVM SIZE 610 CRUSHED STONE BASE, LVM SIZE 825B CRUSHED STONE BASE, LVM	50 CY
907-403-A017	9.5MM, ST, ASPHALT PAVEMENT	5 TONS
907-403-A019	19MM, ST, ASPHALT PAVEMENT	10 TONS
907-407-A001	ASPHALT FOR TACK COAT	2.5 GAL
503-C007	SAW CUT, FULL DEPTH	62 LF
625-C001	TRAFFIC STRIPE, CONTINUOUS WHITE	350 LF

### SITE 3 - S.R. 569

PAY ITEM	DESCRIPTION	QTY
201-A001	CLEARING AND GRUBBING	0.33 LS
203-EX040	BORROW EXCAVATION, AH, LVM, CLASS B9-6	2,811 CY
907-216-A001	SOLID SODDING	2,420 CY
219-A001	WATERING	49 KGAL
815-A009	LOOSE RIPRAP, SIZE 300	979 TONS
815-E001	GEOTEXTILE UNDER RIPRAP	804 SY

### SITE 4 - S.R. 569

PAY ITEM	DESCRIPTION	QTY
201-A001	CLEARING AND GRUBBING	0.33 LS
203-EX040	BORROW EXCAVATION, AH, LVM, CLASS B9-6	134 CY
907-216-A001	SOLID SODDING	2,420 CY
219-A001	WATERING	49 KGAL
815-A009	LOOSE RIPRAP, SIZE 300	807 TONS
815-E001	GEOTEXTILE UNDER RIPRAP	668 SY

### SITE 5 - S.R. 569

PAY ITEM	DESCRIPTION	QTY
203-G004	EXCESS EXCAVATION, LVM, AH	37 CY
907-203-I001	SITE GRADING	556 CY
907-216-A001	SOLID SODDING	556 SY
219-A001	WATERING	11 KGAL
907-226-A001	TEMPORARY GRASSING	0.1 ACRES
234-A001	TEMPORARY SILT FENCE	425 LF
907-237-A003	WATTLES, 20"	160 LF
907-304-A003	GRANULAR MATERIAL, LVM, CLASS 6, GROUP D	56 CY

### SITE 2 - S.R. 569

PAY ITEM	DESCRIPTION	QTY
203-G004	EXCESS EXCAVATION, LVM, AH	122 CY
907-216-A001	SOLID SODDING	45 SY
219-A001	WATERING	1 KGAL
907-226-A001	TEMPORARY GRASSING	0.1 ACRES
234-A001	TEMPORARY SILT FENCE	170 LF
907-237-A003	WATTLES, 20"	80 LF
815-A009	LOOSE RIPRAP, SIZE 300	656 TONS
815-E001	GEOTEXTILE UNDER RIPRAP	200 SY

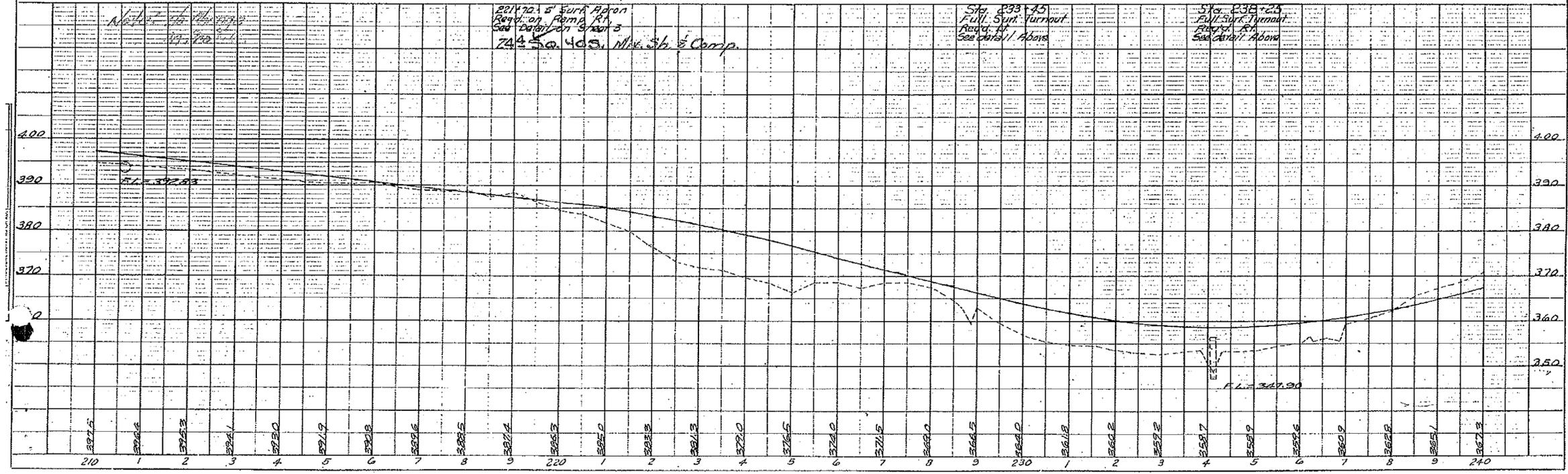
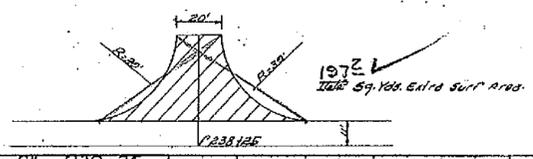
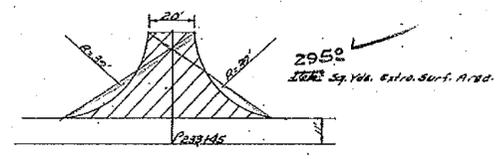
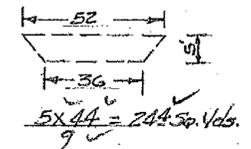
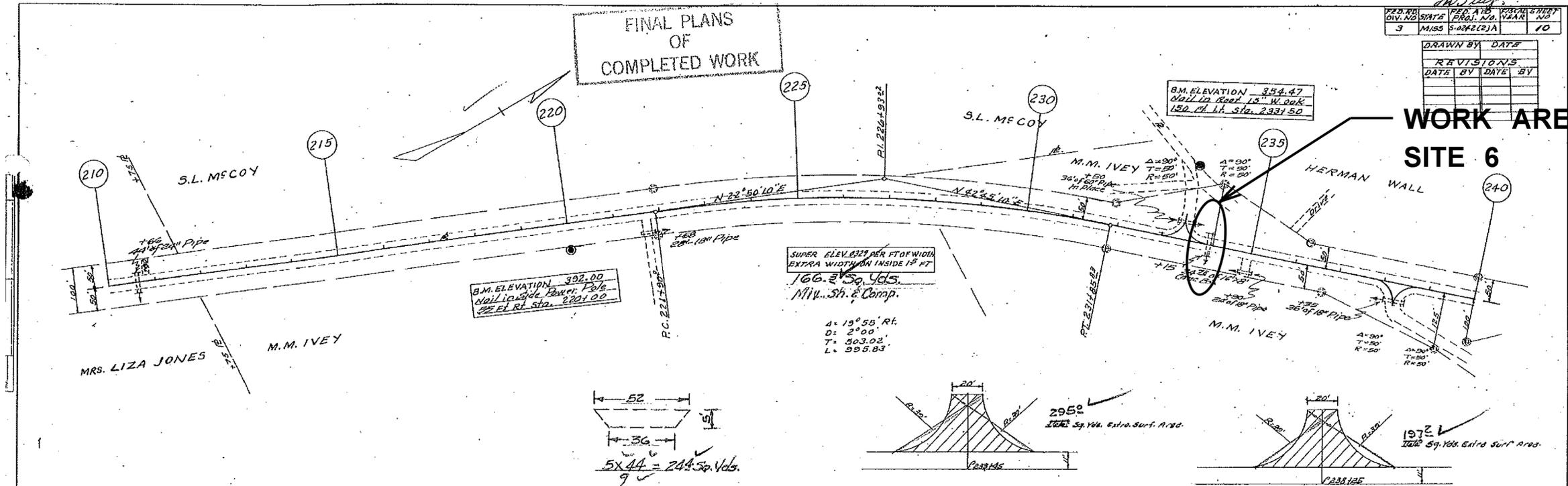
**\*\* FOR INFORMATION ONLY \*\*\***

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>QUANTITIES FOR SITE 1, 2, 3, 4, AND 5</b>	
COUNTY: AMITE	 WORKING NUMBER 06
PROJ. NO.: ER-0167-00(025)	
FILENAME: RWD.CEL	SHEET NUMBER 15
DESIGN TEAM _____	CHECKED _____ DATE _____

9/9/2016 11:32:41 AM 80 HWY 569 QTY S.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGN DIV.	DATE
3 MISS	5-08-2016
DESIGN NO.	PROJECT NO.
5-08-2016	ER-0167-00
SHEET NO.	TOTAL SHEETS
10	10

**WORK AREA  
SITE 6**



\*\*\* FOR INFORMATION ONLY \*\*\*

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SITE 6	
COUNTY: AMITE	WORKING NUMBER: 07
PROJ. NO.: ER-0167-00(026)	SHEET NUMBER: 16
FILENAME: RWD.CEL	DATE: _____
DESIGN TEAM: _____	CHECKED: _____ DATE: _____

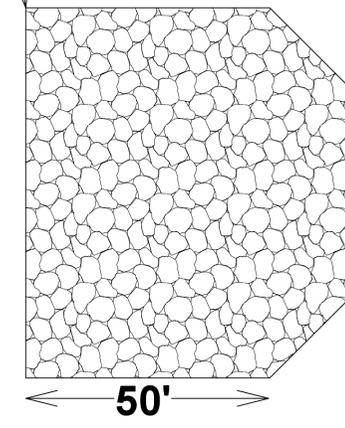


9/9/2016 11:32:44 AM 91 HWY 569 SITE 6 PLAN SHEET 007

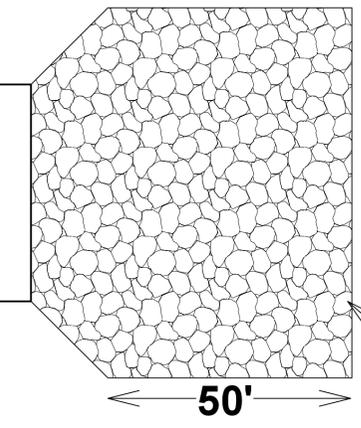
STATE	PROJECT NO.
MISS.	ER-0167-00(026)

**SITE 6  
S.R. 569  
APPX. 150' NORTH OF  
LOWER CENTERVILLE ROAD**

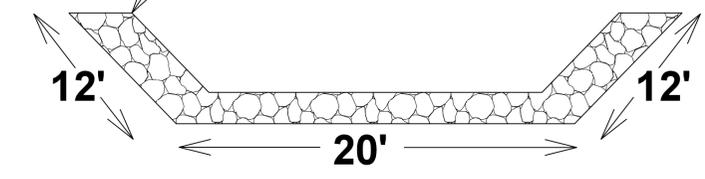
**RIPRAP REQ'D (APPROX. 18")  
GEOTEXTILE FABRIC REQ'D**



**HWY 569**



**RIPRAP REQ'D (APPROX. 18")  
GEOTEXTILE FABRIC REQ'D**



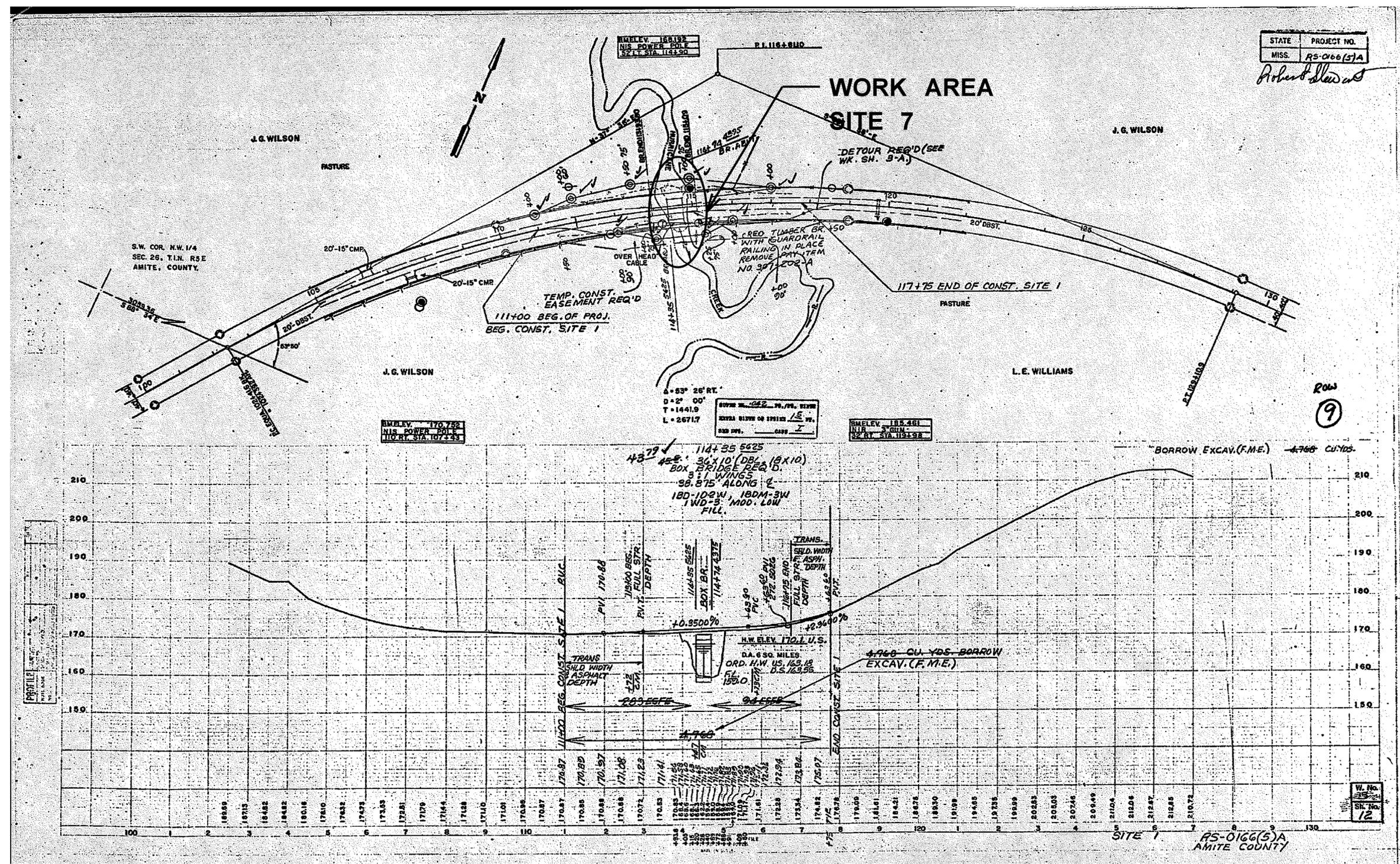
PAY ITEM	DESCRIPTION	QTY
907-216-A001	SOLID SODDING	2,420 SY
219-A001	WATERING	49 KGAL
815-A009	LOOSE RIPRAP, SIZE 300	198 TONS
815-E001	GEOTEXTILE UNDER RIPRAP	245 SY

**SHAPING OF THE DITCH SLOPES REQUIRED FOR PLACING  
RIPRAP WILL BE ABSORBED IN OTHER PAY ITEMS.**

**\*\*\* FOR INFORMATION ONLY \*\*\***

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>SITE 6</b>	
COUNTY: AMITE	 WORKING NUMBER 07A
PROJ. NO.: ER-0167-00(026)	
FILENAME: RWD.CEL	SHEET NUMBER
DESIGN TEAM _____	17

9/9/2016 11:33:09 AM 201 HWY 569 SITE 6 DETAIL.DGN



STATE	PROJECT NO.
MISS.	RS-0166(5)A

Robert Stewart

BM ELEV. 170.752  
NIS POWER POLE  
110 RT. STA. 107+43

CURVE NO. 022 76.76' RADIUS  
CHORD BEG. OF SPIRAL 15.15' TO  
END SPIRAL 15.15' TO  
CHORD END 2

BM ELEV. 185.481  
NIP  
132 RT. STA. 113+58

ROW  
9

9/9/2016 11:33:11 AM 11 HWY 568 BOX #1.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

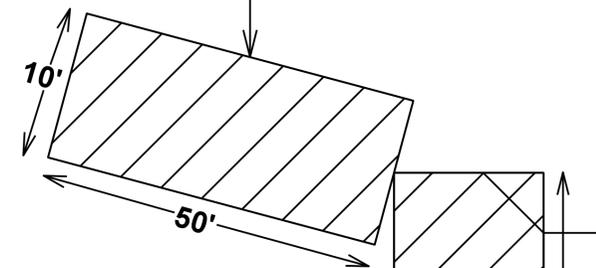
\*\*\* FOR INFORMATION ONLY \*\*\*

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SITE 7	
COUNTY: AMITE	
PROJ. NO.: ER-0166-00(009)	
FILENAME: RWD.CEL	
DESIGN TEAM	CHECKED DATE
	
WORKING NUMBER	08
SHEET NUMBER	18

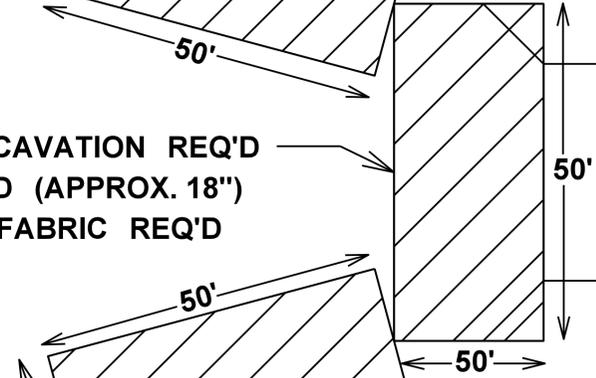
STATE	PROJECT NO.
MISS.	ER-0166-00(009)

**SITE 7  
S.R. 568  
2.2 MILES NORTH OF  
MS / LA STATE LINE**

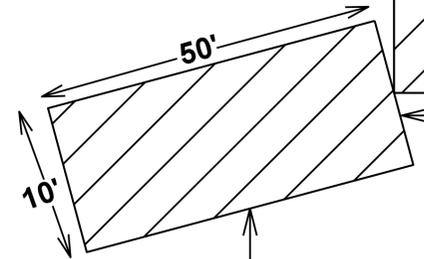
**CLEARING AND GRUBBING REQ'D  
RIPRAP REQ'D (APPROX. 18")  
GEOTEXTILE FABRIC REQ'D**



**CHANNEL EXCAVATION REQ'D  
RIPRAP REQ'D (APPROX. 18")  
GEOTEXTILE FABRIC REQ'D**

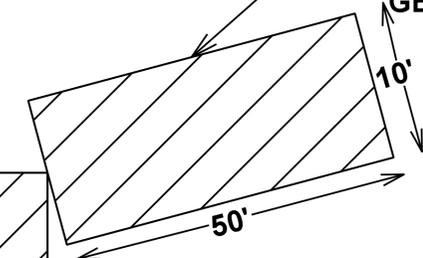


**CLEARING AND GRUBBING REQ'D  
RIPRAP REQ'D (APPROX. 18")  
GEOTEXTILE FABRIC REQ'D**

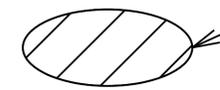


**HWY 568**

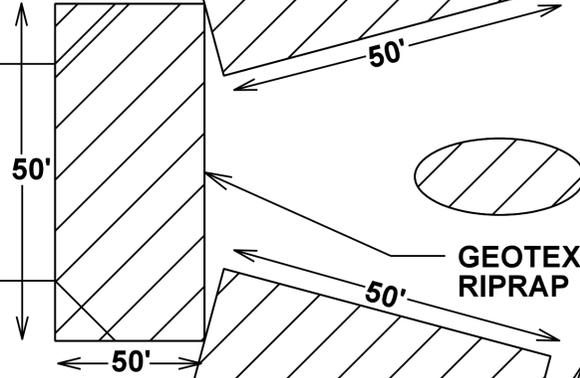
**CLEARING AND GRUBBING REQ'D  
RIPRAP REQ'D (APPROX. 18")  
GEOTEXTILE FABRIC REQ'D**



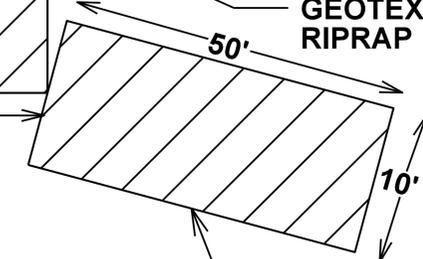
**CHANNEL EXCAVATION REQ'D**



**GEOTEXTILE FABRIC REQ'D  
RIPRAP REQ'D (APPROX. 18")**



**CLEARING AND GRUBBING REQ'D  
BORROW EXCAVATION REQ'D  
RIPRAP REQ'D (APPROX. 18")  
GEOTEXTILE FABRIC REQ'D**



PAY ITEM	DESCRIPTION	QTY
201-A001	CLEARING AND GRUBBING	0.34LS
203-EX040	BORROW EXCAVATION, AH, LVM, CLASS B9-6	36 CY
203-F002	CHANNEL EXCAVATION, LVM	630 CY
907-216-A001	SOLID SODDING	2,420 SY
219-A001	WATERING	49 KGAL
815-A009	LOOSE RIPRAP, SIZE 300	1,080 TONS
815-E001	GEOTEXTILE UNDER RIPRAP	778 SY

**SHAPING OF THE DITCH SLOPES REQUIRED FOR PLACING  
RIPRAP WILL BE ABSORBED IN OTHER PAY ITEMS.**

**\*\*\* FOR INFORMATION ONLY \*\*\***

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>SITE 7</b>	
COUNTY: AMITE	WORKING NUMBER
PROJ. NO.: ER-0166-00(009)	08A
FILENAME: RWD.CEL	SHEET NUMBER
DESIGN TEAM	19

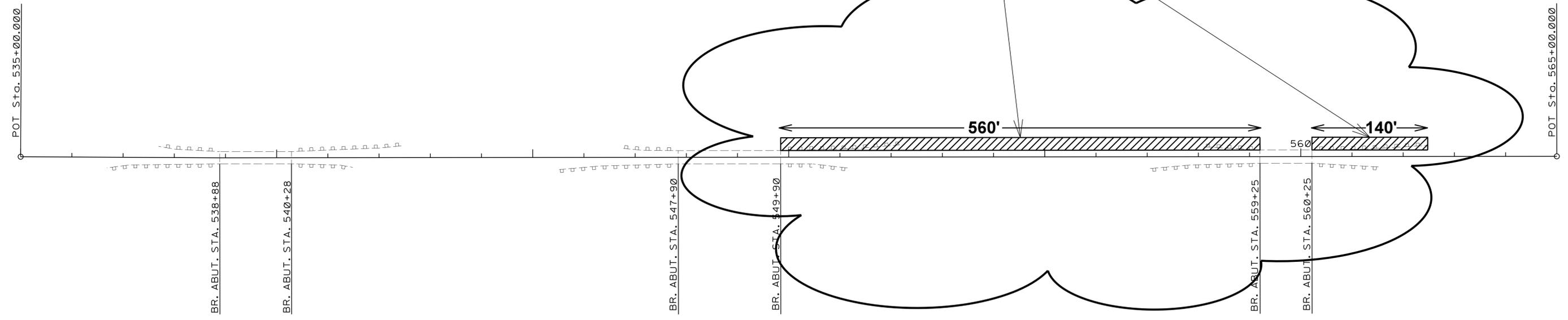
9/9/2016 11:33:34 AM 23 HWY 568 BOX #1-A.DGN

STATE	PROJECT NO.
MISS.	ER-0014-01(065)

**SITE 8**  
**S.R. 48**  
**4.4 MILES EAST OF**  
**JUNCTION WITH S.R. 24-33**



**BORROW EXCAVATION REQ'D**  
**SITE GRADING REQ'D**  
**GRANULAR MATERIAL REQ'D**



**WORK AREA**

PAY ITEM	DESCRIPTION	QTY
203-EX040	BORROW EXCAVATION, AH, LVM, CLASS B9-6	778 CY
907-203-I001	SITE GRADING	1,945 SY
907-216-A001	SOLID SODDING	1,945 SY
219-A001	WATERING	39 KGAL
907-226-A001	TEMPORARY GRASSING	0.4 ACRE
234-A001	TEMPORARY SILT FENCE	1,450 LF
907-237-A003	WATTLES, 20"	560 LF
907-304-A003	GRANULAR MATERIAL, LVM, CLASS 6, GROUP D	116 CY

**\*\*\* FOR INFORMATION ONLY \*\*\***

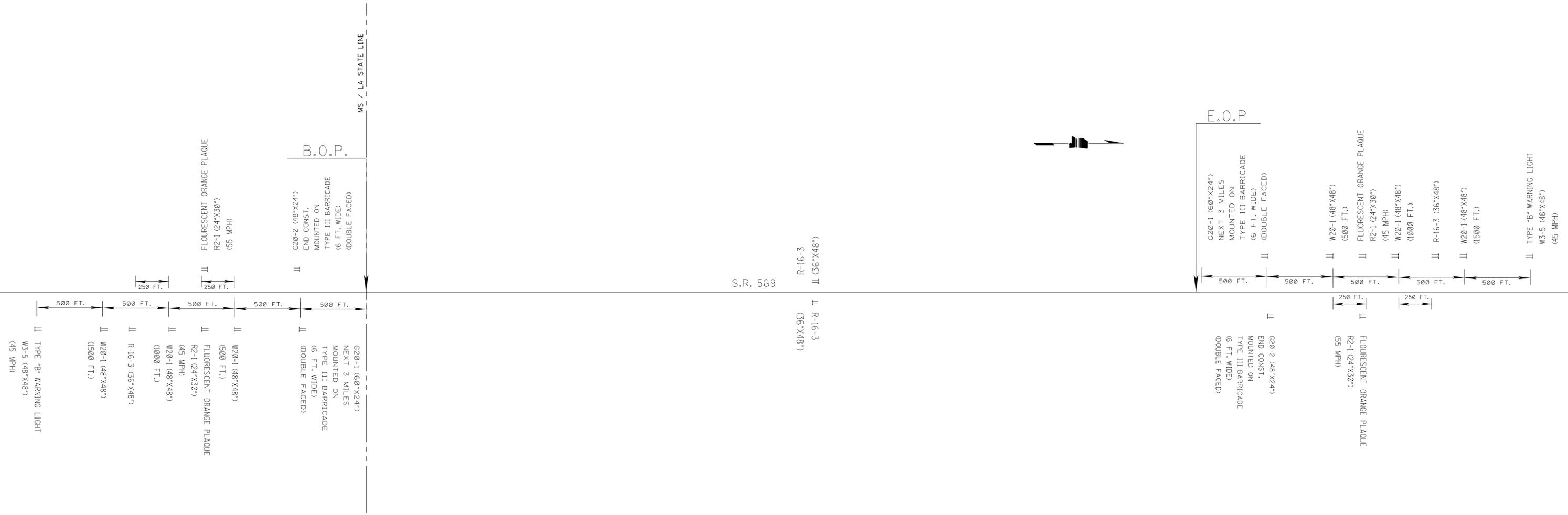
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>SITE 8</b>	
COUNTY: AMITE	
PROJ. NO.: ER-0014-01(065)	
FILENAME: RWD.CEL	
DESIGN TEAM	CHECKED DATE
REVISION	BY
WORKING NUMBER	09
SHEET NUMBER	20



9/9/2016 11:33:36 AM 23 HWY 48.DGN

STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)

\*\*NOTE: W20-1 (48"x48") WILL BE REQ'D ON ALL LOCAL ROADS.



SITE 1, SITE 2, SITE 3, SITE 4, SITE 5, AND SITE 6

\*\*NOTE: AT THE END OF THE WORK DAY W3-5 SIGNS, R16-3 SIGNS, AND R2-1 (45 MPH) SIGNS SHALL BE COVERED.

ALL CONSTRUCTION SIGNING SHALL BE INCLUDED IN BID FOR PAY ITEM 907-618-A, MAINTENANCE OF TRAFFIC. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR R-4 AND R4-2 SIGNS WHICH SHALL BE BLACK LEGEND ON WHITE BACKGROUND.

2-LANE ROUTES

PLAN, DESIGN DIVISION  
ROADWAY DESIGN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
11:33:38 AM 02-01 DCS-1 HWY 569.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAIL OF CONSTRUCTION SIGNING	
COUNTY: AMITE	
PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)	
WORKING NUMBER	DCS-1
SHEET NUMBER	21
FILENAME:	DESIGN TEAM _____ CHECKED _____ DATE 09/1/16



STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)

\*\*NOTE: W20-1 (48"X48") WILL BE REQ'D ON ALL LOCAL ROADS.



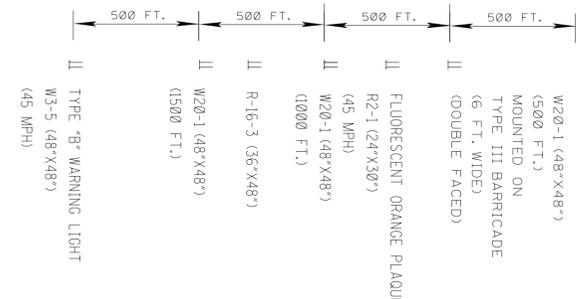
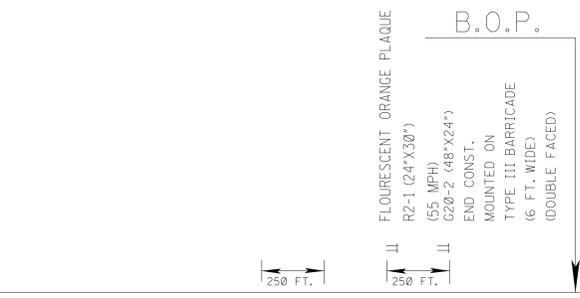
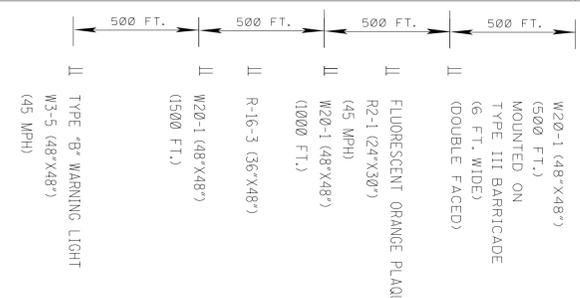
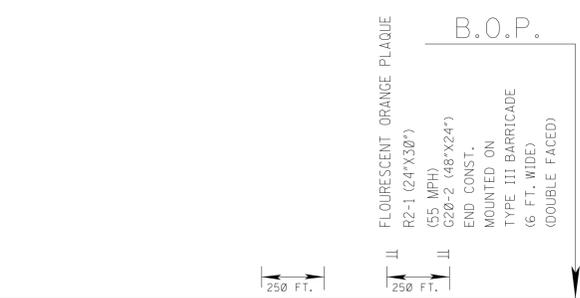
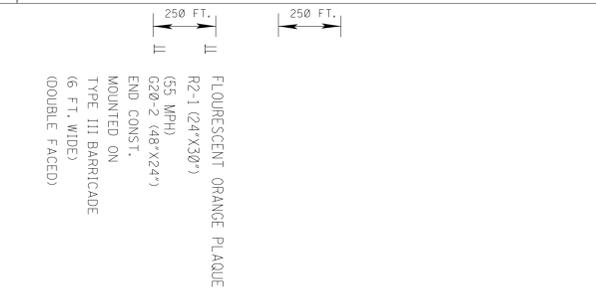
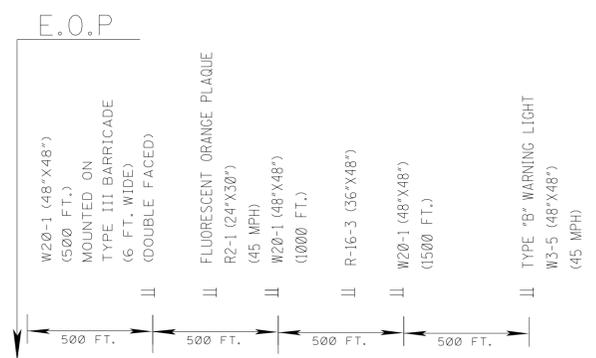
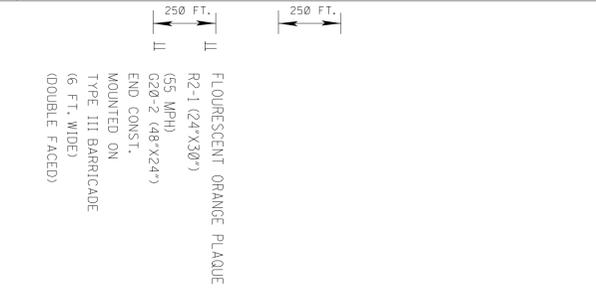
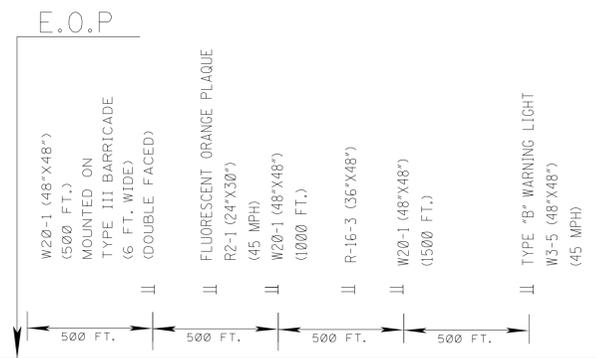
S.R. 568

SITE 7



S.R. 48

SITE 8



\*\*NOTE: AT THE END OF THE WORK DAY W3-5 SIGNS, R16-3 SIGNS, AND R2-1 (45 MPH) SIGNS SHALL BE COVERED.

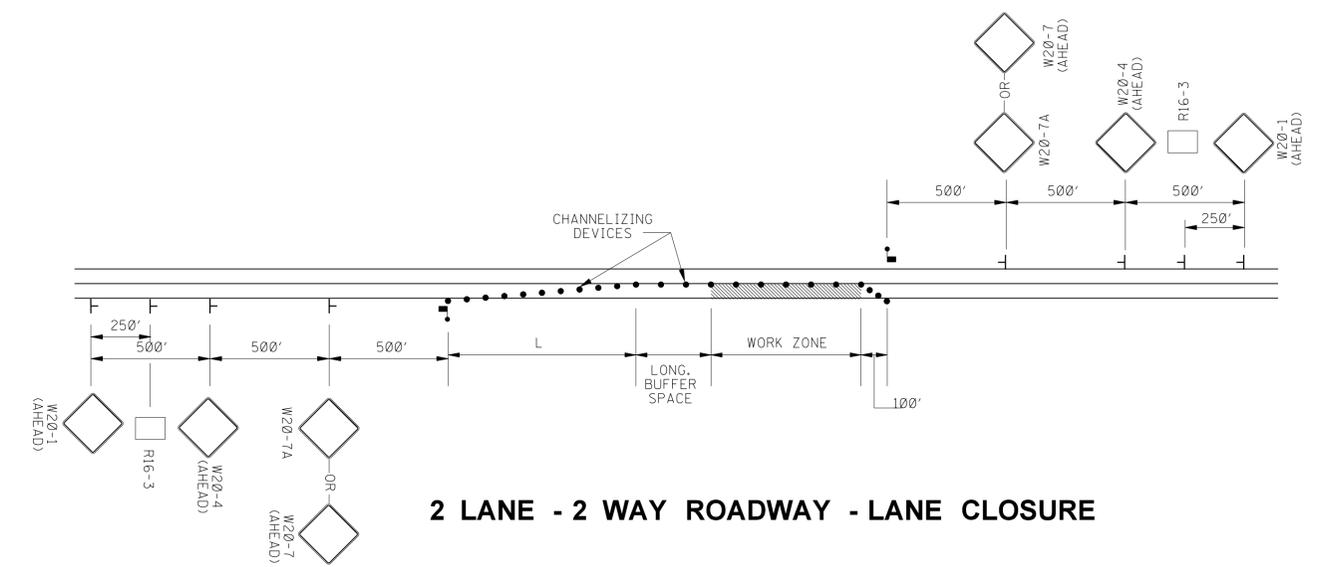
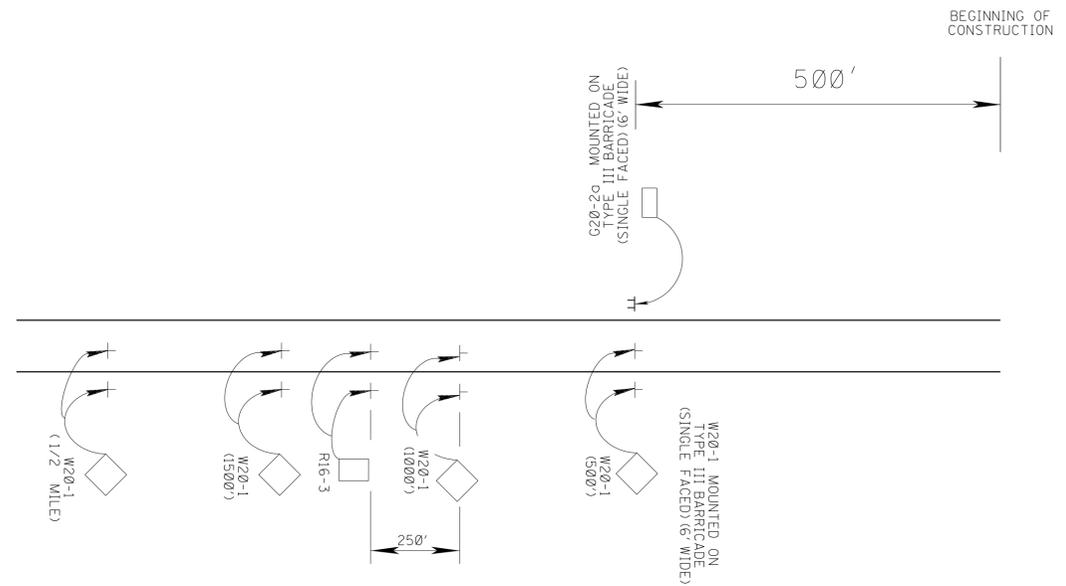
ALL CONSTRUCTION SIGNING SHALL BE INCLUDED IN BID FOR PAY ITEM 907-618-A, MAINTENANCE OF TRAFFIC. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR R-4 AND R4-2 SIGNS WHICH SHALL BE BLACK LEGEND ON WHITE BACKGROUND.

# 2-LANE ROUTES

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAIL OF CONSTRUCTION SIGNING	
COUNTY: AMITE	
PROJ. NO.:	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)
FILENAME:	RWD.CEL
DESIGN TEAM	CHECKED _____ DATE 09/01/16
WORKING NUMBER	DCS-2
SHEET NUMBER	22



STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)

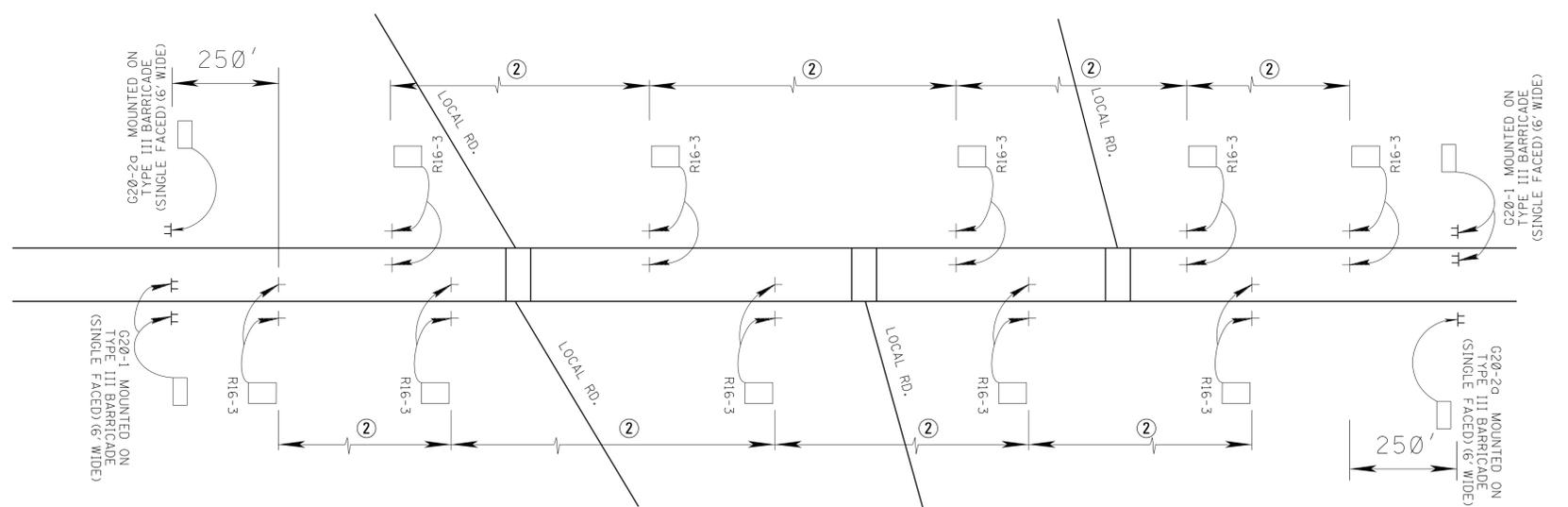


**2 LANE - 2 WAY ROADWAY - LANE CLOSURE**

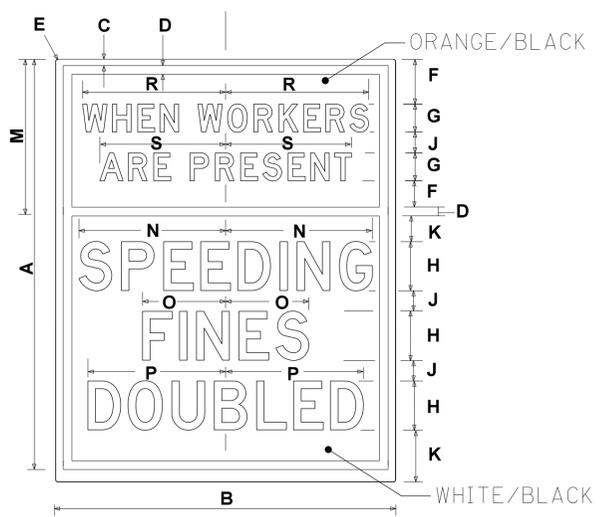
**DIVIDED HIGHWAY  
(PROJECTS LESS THAN 1 MILE LENGTH)**

NOTES

- ① R16-3 SIGN TO BE PLACED AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- ② R16-3 SIGN SHALL BE SPACED AT A MAXIMUM OF 2 MILES THROUGHOUT LENGTH OF PROJECT.



**DIVIDED HIGHWAY SHOWN  
(2 LANE - 2 WAY ROADWAY SIMILAR)  
(PROJECT MORE THAN 1 MILE LENGTH)**



SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	60	48	3/4	1 1/4	3	3 3/4	4 Dm	7 D
STD.	3	6 7/8	22 7/8	21	11 7/8	19 7/32	20 7/32	18

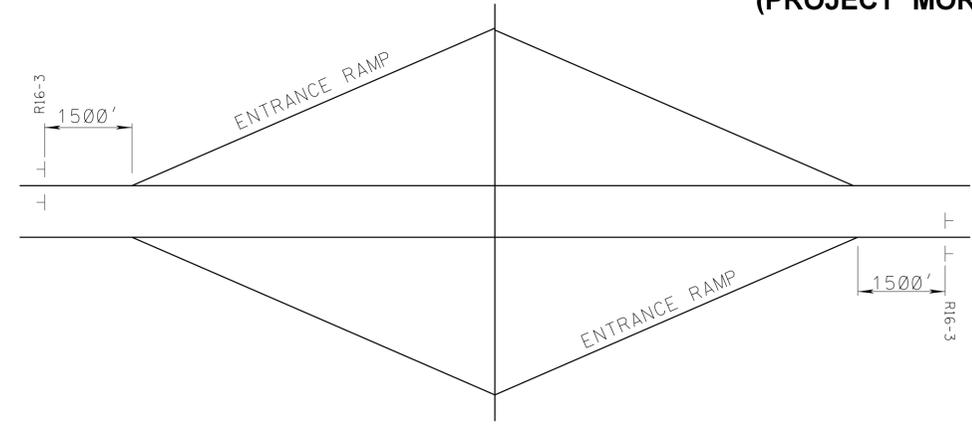
  

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	48	36	3/4	1 1/4	3	2 3/4	3 Dm	6 D
STD.	3	4 1/8	14 3/4	14	7 1/8	13 5/8	13 5/8	12

48" x 60"  
(INTERSTATE USE)

36" x 48"  
(ALL OTHER HIGHWAYS)

**R16-3**



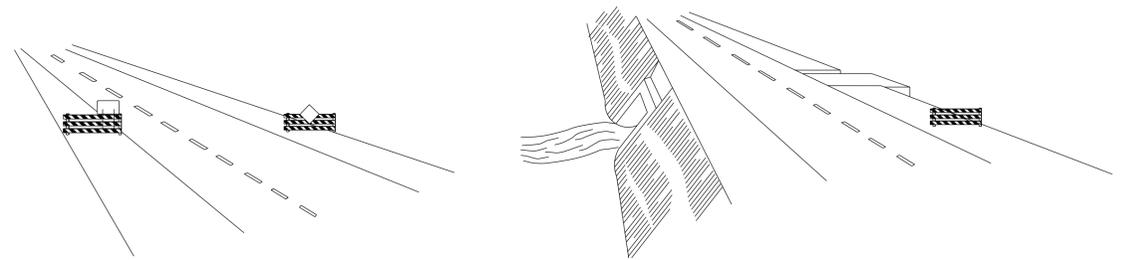
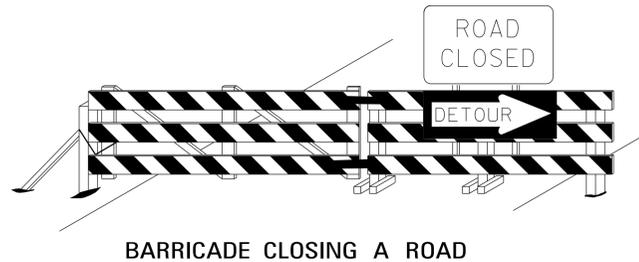
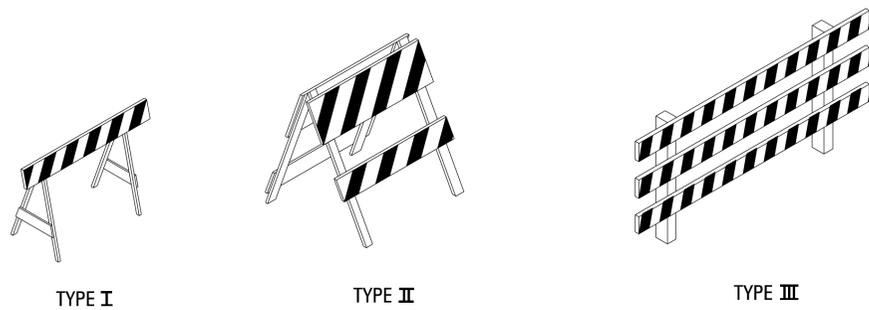
**INTERSTATE DETAIL**

**LOCATION OF R16-3 SIGNS**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
<b>LOCATION OF R16-3 SIGNS</b>		
COUNTY: MARION/COVINGTON		WORKING NUMBER <b>LRS-1</b> SHEET NUMBER <b>23</b>
PROJECT NUMBER: ER-0166-00(009)		
ER-0167-00(025)		
ER-0014-01(065) ER-0167-00(026)		
DATE	DESIGN TEAM	FILENAME:
REVISION	CHECKED	DATE

11:33:42 AM 6/1/2019 LRS-1.DGN

STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-00(065) ER-0167-00(026)



**STANDARD BARRICADES**

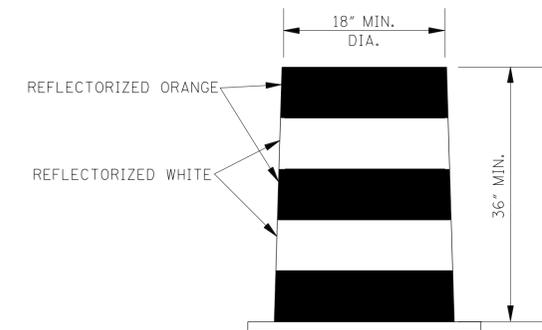
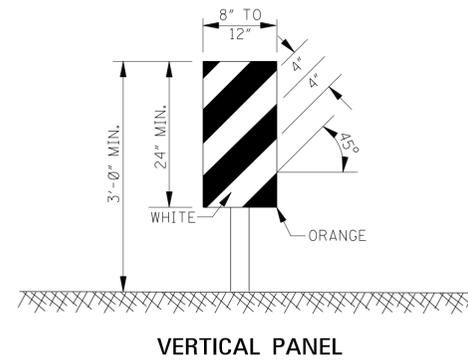
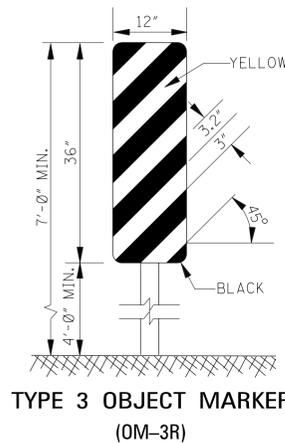
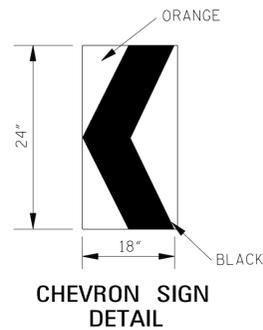
1. A TYPE I BARRICADE CONSISTS OF ONE (1) HORIZONTAL RAIL SUPPORTED BY A DEMOUNTABLE FRAME OR A LIGHT "A" FRAME. A TYPE I BARRICADE NORMALLY WOULD BE USED ON CONVENTIONAL ROADS OR URBAN STREETS AND ARTERIALS.
2. A TYPE II BARRICADE CONSISTS OF TWO (2) HORIZONTAL RAILS ON A LIGHT "A" FRAME. TYPE II BARRICADES ARE INTENDED FOR USE ON EXPRESSWAYS AND FREEWAYS AND OTHER HIGH-SPEED ROADWAYS.
3. TYPE I AND TYPE II BARRICADES ARE INTENDED FOR USE WHERE THE HAZARD IS RELATIVELY SMALL AS, FOR EXAMPLE, ON CITY STREETS, OR FOR THE MORE OR LESS CONTINUOUS DELIMITING OF A RESTRICTED ROADWAY, OR FOR TEMPORARY DAYTIME USE.
4. A TYPE III BARRICADE CONSISTS OF THREE (3) HORIZONTAL RAILS SUPPORTED BY FIXED POSTS, A RIGID SKID, A HEAVY DEMOUNTABLE FRAME OR A HEAVY, HINGED "A" FRAME.
5. TYPE III BARRICADES ARE INTENDED FOR USE ON CONSTRUCTION AND MAINTENANCE PROJECTS AS WING BARRICADES AND AT ROAD CLOSURES, WHERE THEY MUST REMAIN IN PLACE FOR EXTENDED PERIODS.
6. THE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).
7. DO NOT PLACE SANDBAGS OR OTHER DEVICES TO PROVIDE MASS ON THE BOTTOM RAIL THAT WILL BLOCK VIEW OR RAIL FACE.
8. FOR ADDITIONAL INFORMATION OR DETAILS, SEE MUTCD, LATEST EDITION.

**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.	24" MIN.	48" MIN.
WIDTH OF STRIPE *	6"	6"	6"
HEIGHT	36" MIN.	36" MIN.	60" MIN.
NUMBER OF REFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 6 IF FACING TRAFFIC IN TWO DIRECTIONS
TYPE OF FRAME	LIGHT	LIGHT "A" FRAME	POST OR SKID

\* 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 270 in<sup>2</sup> OF REFLECTIVE AREA FACING TRAFFIC.



1. A CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
2. THE CHEVRON SIGN SHALL BE MOUNTED ON FIXED POST OR RIGID SKID.
3. CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION OR MAINTENANCE. THEY SHALL BE PLACED APPROXIMATELY 2'-0" BEHIND THE LANE TRANSITION STRIPE.

1. TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
2. THE OM-3R IS SHOWN. THE OM-3L IS SIMILAR EXCEPT THE STRIPES SLOPE DOWNWARD FROM THE UPPER LEFT SIDE TO THE LOWER RIGHT SIDE AND SHALL BE PLACED ON THE LEFT SIDE OF THE OBJECT.
3. THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.

1. VERTICAL PANELS CONSIST OF AT LEAST ONE PANEL 8" TO 12" IN WIDTH AND A MINIMUM OF 24" IN HEIGHT.
2. THE DIAGONAL STRIPES SHALL SLOPE DOWNWARD IN THE DIRECTION THAT TRAFFIC IS TO PASS THE PANEL. THE PANELS SHALL BE MOUNTED WITH THE TOP A MINIMUM OF 36" ABOVE THE ROADWAY ON A SINGLE LIGHTMASS POST.
3. VERTICAL PANELS USED ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH-SPEED ROADWAYS SHALL HAVE A MINIMUM OF 270 in<sup>2</sup> OF RETROREFLECTIVE AREA FACING TRAFFIC.
4. FOR TWO-WAY TRAFFIC OPERATIONS, BACK-TO-BACK PANELS SHALL BE USED.

**GENERAL NOTES:**

1. MARKINGS ON ALL DEVICES SHOWN ON THIS SHEET SHALL BE HIGH INTENSITY REFLECTIVE SHEETING.
2. THE TRAFFIC CONTROL PLAN WILL LIST THE VARIOUS TRAFFIC CONTROL DEVICES REQUIRED FOR EACH PROJECT.

**WING BARRICADES**

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

**PLASTIC DRUM STRIPING DETAIL**

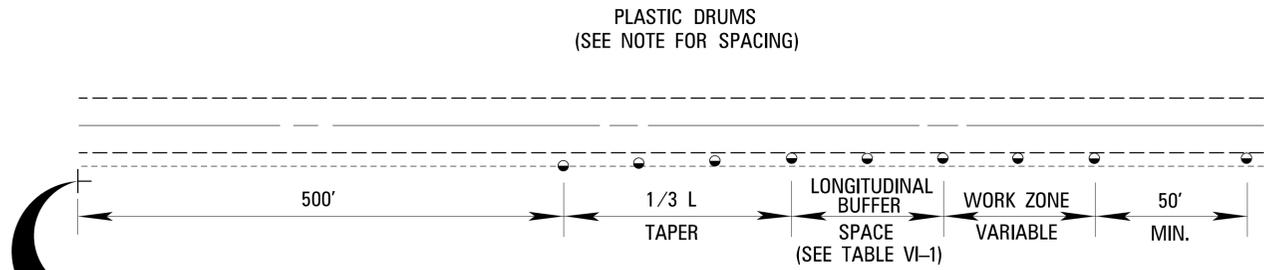
1. PLASTIC DRUMS SHALL BE ON END AND USED AS AN EXPEDIENT METHOD FOR TRAFFIC CHANNELIZATION. THE COLOR AND MARKING OF DRUMS SHALL BE CONSISTENT WITH MARKING STANDARDS FOR BARRICADE. THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE WITH FOUR (4) REFLECTORIZED, HORIZONTAL, CIRCUMFERENTIAL STRIPES (2 ORANGE & 2 WHITE) 6" WIDE.
2. DRUMS SHOULD NEVER BE PLACED IN THE ROADWAY WITHOUT WARNING SIGNS.
3. WHERE PRACTICAL PLASTIC DRUMS SHALL BE PLACED NO CLOSER THAN 3'-0" FROM THE EDGE OF TRAVELED LANE.

ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11:33:44 AM 2/7/2024 SDTCP-10.DGN

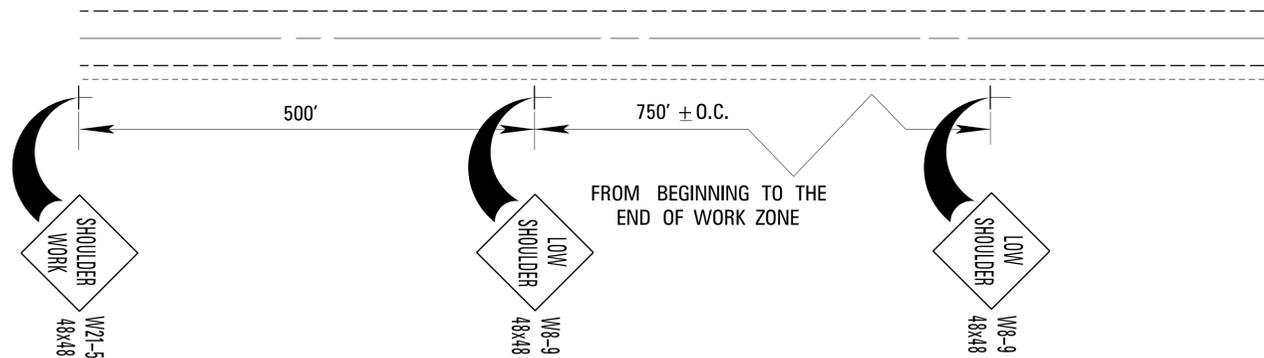
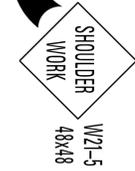
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS</b>	
COUNTY: MARION/COVINGTON	
PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)	
WORKING NUMBER SDTCP-10	
SHEET NUMBER 24	
DATE	FILENAME:
DESIGN TEAM	CHECKED DATE

STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)



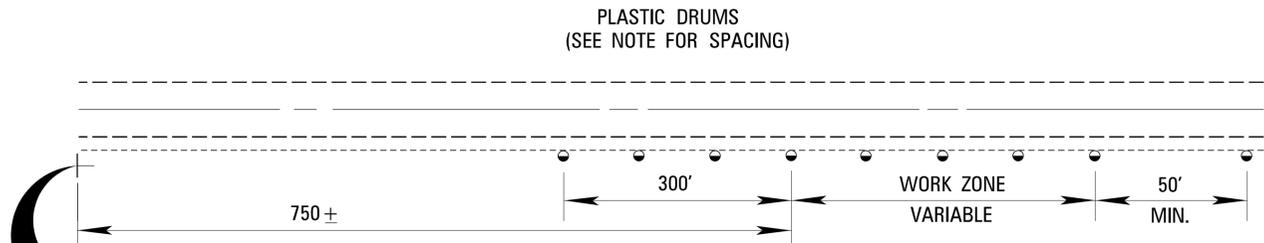
**TYPICAL SHOULDER CLOSURE**

- (1) TO BE USED WITH EIGHT (8) FOOT OR GREATER WIDTH IMPROVED SHOULDER.
- (2) TO BE USED WHEN CONSTRUCTION VEHICLES (EQUIPMENT) ENCROACHES ON OR WITHIN TWO (2) FEET OF THE SHOULDER BREAK.



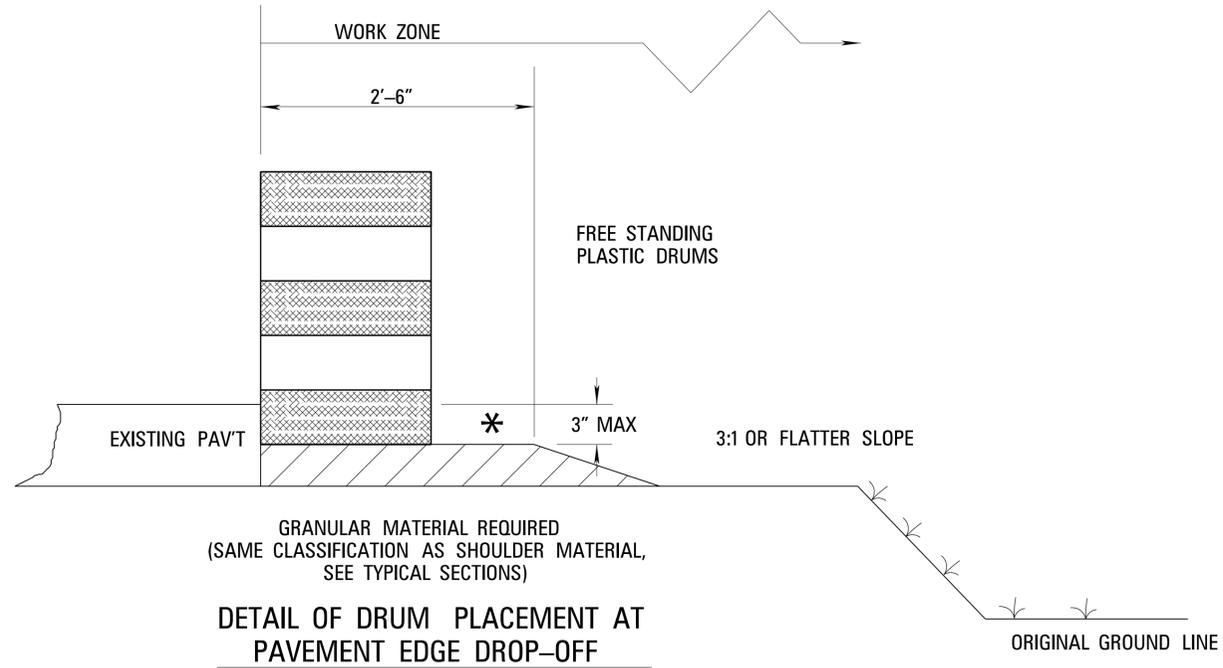
**TYPICAL SHOULDER WORK #1**

(SEE NOTE A-1 THIS SHEET)



**TYPICAL SHOULDER WORK #2**

NOTE:  
WORK OUTSIDE THE (2) FOOT LIMIT AND WITHIN TEN (10) FEET OF THE SHOULDER BREAK MAY BE PROTECTED BY PLACING DRUMS ALONG THE SHOULDER EDGE, 300 FEET PRIOR TO AND 50 FEET BEYOND THE WORK AREA, OR SEE NOTE A-3 THIS SHEET.



**DETAIL OF DRUM PLACEMENT AT PAVEMENT EDGE DROP-OFF**

**NOTES**

- \* A. PAVEMENT EDGE DROP-OFF
  - 1. IF LESS THAN TWO AND ONE QUARTER (2.25) INCHES—NO PROTECTION REQUIRED. PLACE A SHOULDER WORK SIGN (W21-5) 500 FEET IN ADVANCE OF WORK ZONE SHOULDER AND A LOW SHOULDER SIGN (W8-9) AT THE BEGINNING AND THROUGHOUT THE WORK ZONE @ (750' ± O.C.).
  - 2. TWO AND ONE QUARTER TO THREE INCHES—PLACE DRUMS, VERTICAL PANELS OR BARRICADES EVERY 100 FEET ON TANGENT SECTIONS FOR SPEEDS OF 50 MILES PER HOUR OR GREATER. CONES MAY BE USED IN PLACE OF DRUMS, PANELS, AND BARRICADES DURING DAYLIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MILES PER HOUR AND FOR CURVES, DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING FOR TAPERS SHOULD BE IN ACCORDANCE WITH THE M.U.T.C.D. (1/3 L, WHERE L IS THE TAPER LENGTH IN FEET.)
  - 3. GREATER THAN THREE (3) INCHES—POSITIVE SEPARATION OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS EIGHT (8) FEET OR MORE DISTANCE BETWEEN THE EDGE OF TRAVEL LANE AND DROP-OFF, THEN DRUMS, PANELS OR BARRICADES MAY BE USED. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS.
  - 4. FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN THREE (3) INCHES MAY BE PROTECTED WITH DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.
  - 5. LESSER TREATMENTS THAN THOSE DESCRIBED ABOVE MAY BE CONSIDERED FOR LOW-VOLUME LOCAL STREETS.
- B. DRUM SPACING
  - 1. TANGENTS = 2 X S
  - 2. TAPERS = L/3
  - WHERE L = S X W
  - L = TAPER LENGTH IN FEET
  - S = SPEED IN MPH (POSTED OR 85 PERCENTILE)
  - W = WIDTH OF OFFSET IN FEET
- C. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.

TABLE VI-1. GUIDELINES FOR LENGTH OF LONGITUDINAL BUFFER SPACE

SPEED* (MPH)	LENGTH (FEET)
20	35
25	55
30	85
35	120
40	170
45	220
50	280
55	335
60	415
65	485

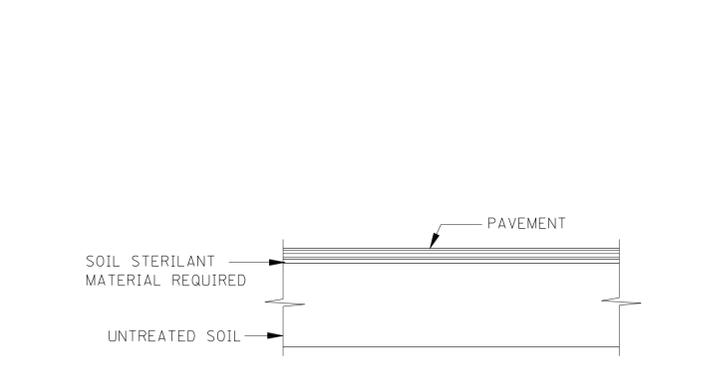
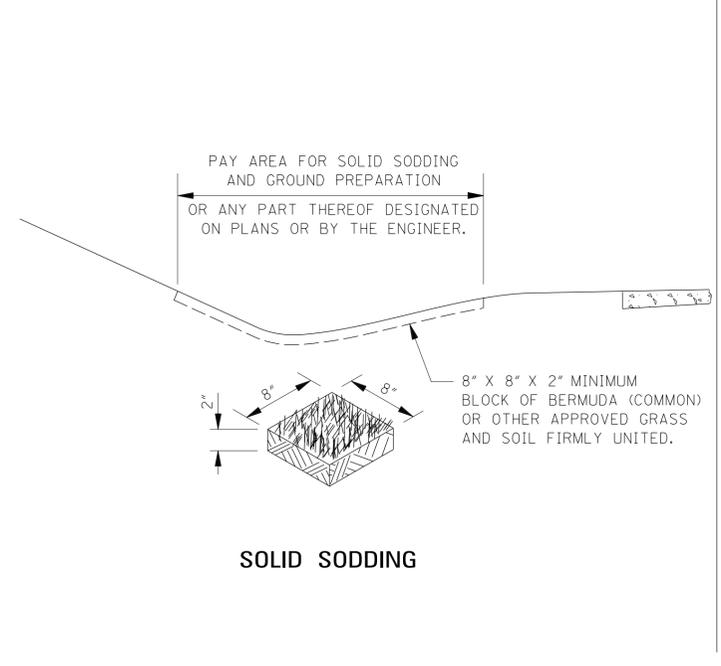
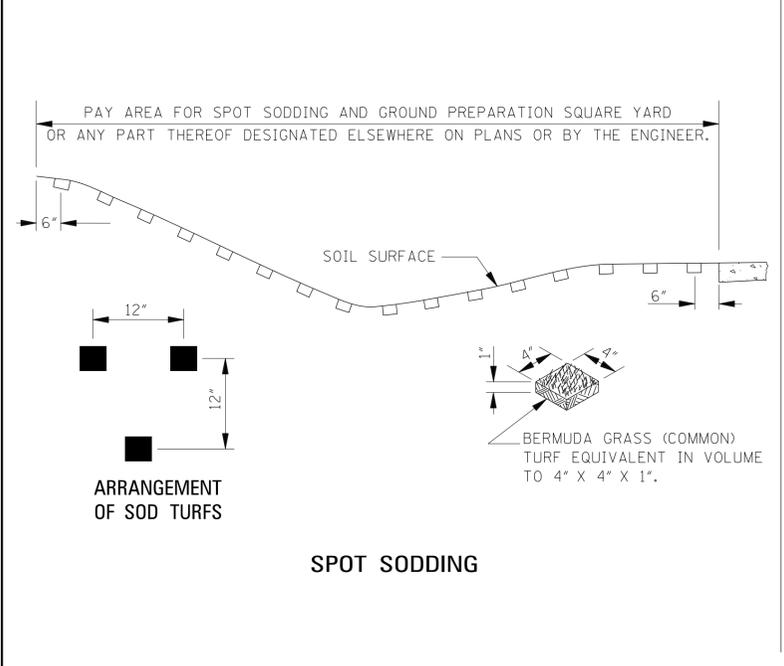
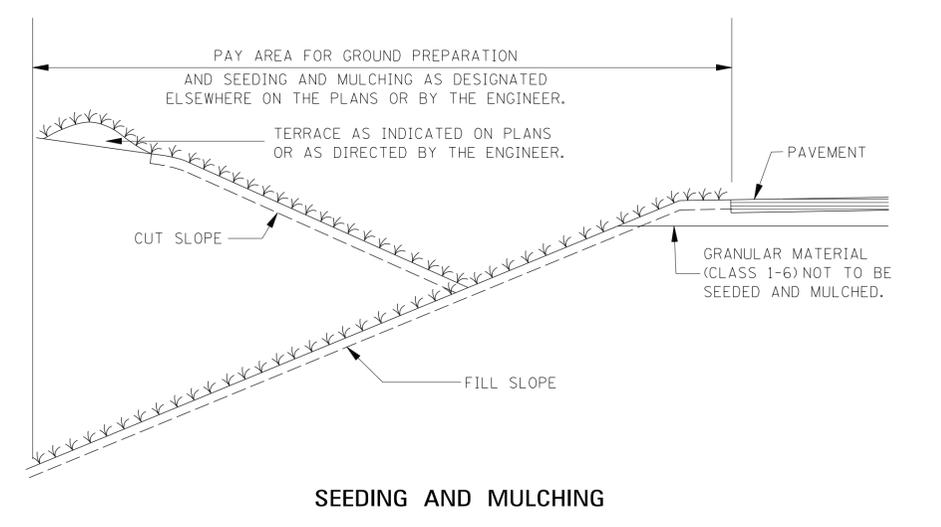
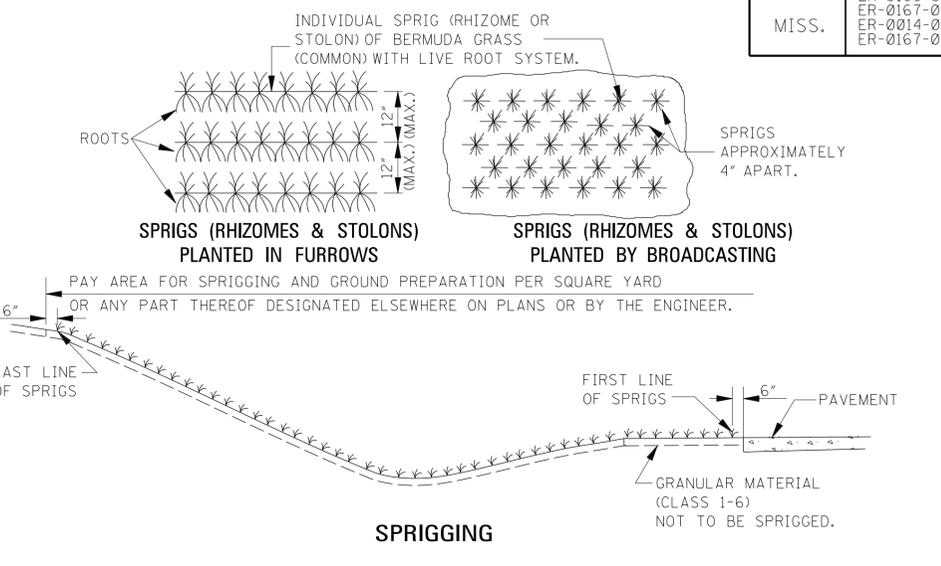
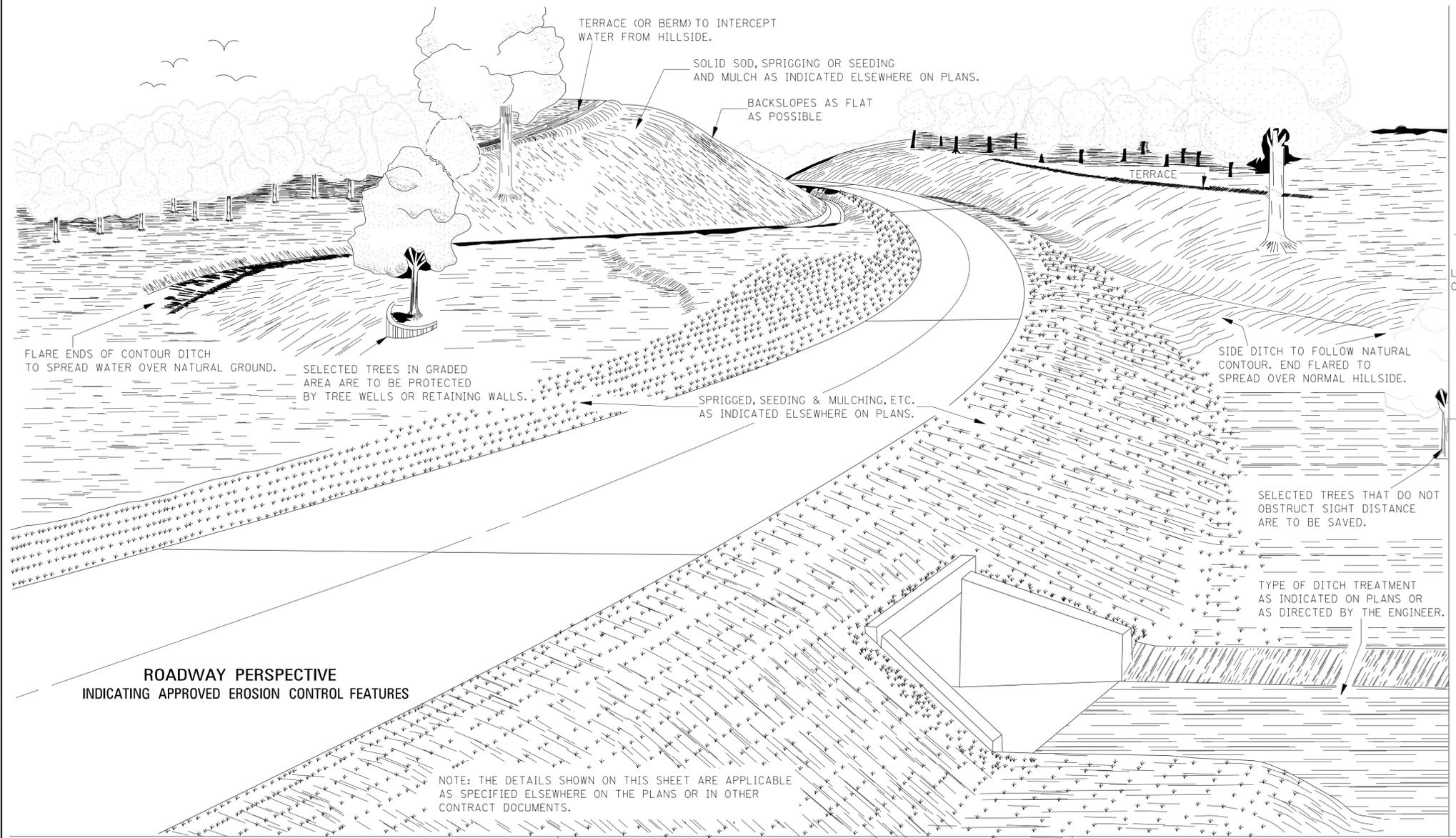
\* POSTED SPEED, OFF-PEAK 85 PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	
COUNTY: MARION/COVINGTON	
PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)	
WORKING NUMBER	TCP-SC
SHEET NUMBER	25
FILENAME:	DESIGN TEAM _____ CHECKED _____ DATE _____

11:33:45 AM 2/28/2010 TCP-SC.DGN



STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)

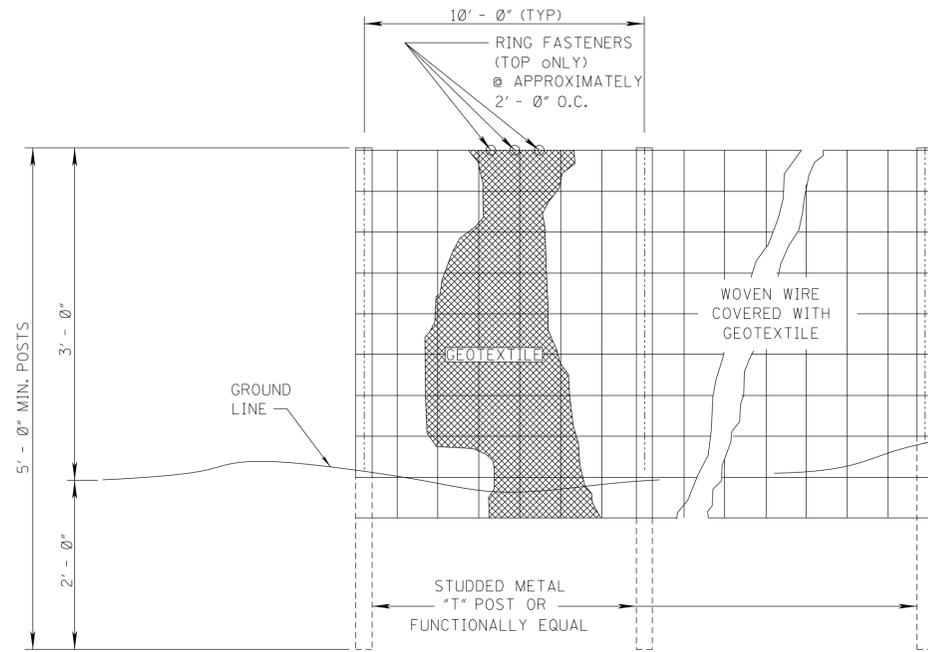


GENERAL NOTE:  
1. LONGITUDINAL AND TRANSVERSE MEASUREMENTS FOR THE PAY AREA SHALL BE TAKEN ALONG THE SLOPES.

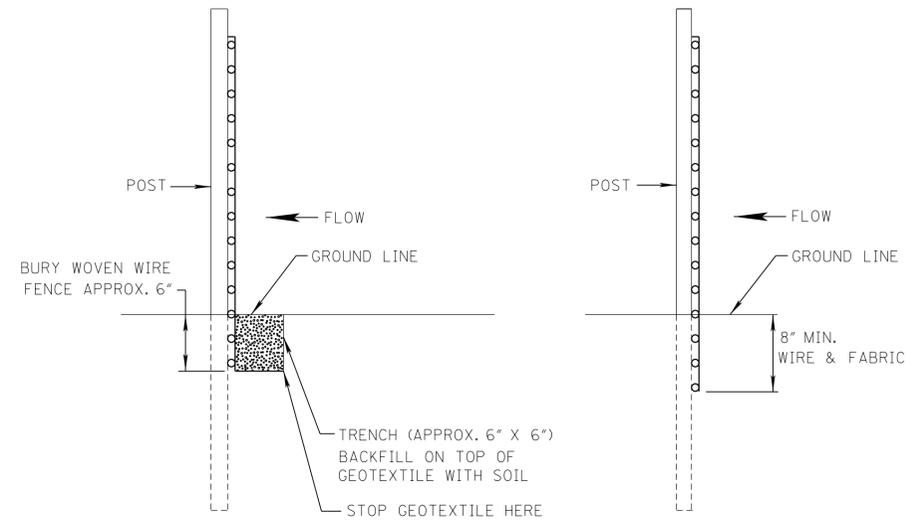
BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
REVISION	EROSION CONTROL
DATE	COUNTY: AMITE
DESIGN TEAM	PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)
CHECKED	FILENAME: _____
DATE	WORKING NUMBER EC-1
	SHEET NUMBER 27

11:33:49 AM 0000 EC-1.DGN

STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)



ELEVATION VIEW



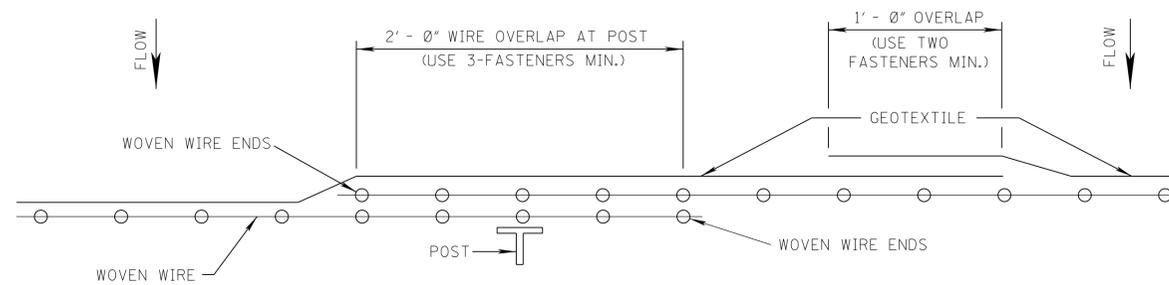
METHOD I

METHOD II  
MECHANICAL INSTALLATION

SIDE VIEW

NOTES:

1. SILT FENCES SHALL BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
2. SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
3. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
4. WHEREVER POSSIBLE SILT FENCE SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
5. THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
6. METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
7. WIRE SHALL BE MINIMUM OF 32\" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12\" STAY SPACING.
8. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE,



PLAN VIEW  
REQUIRED LAPPING

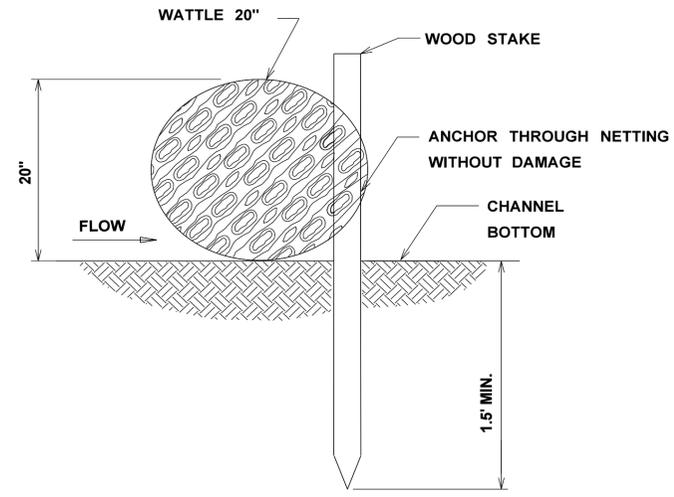
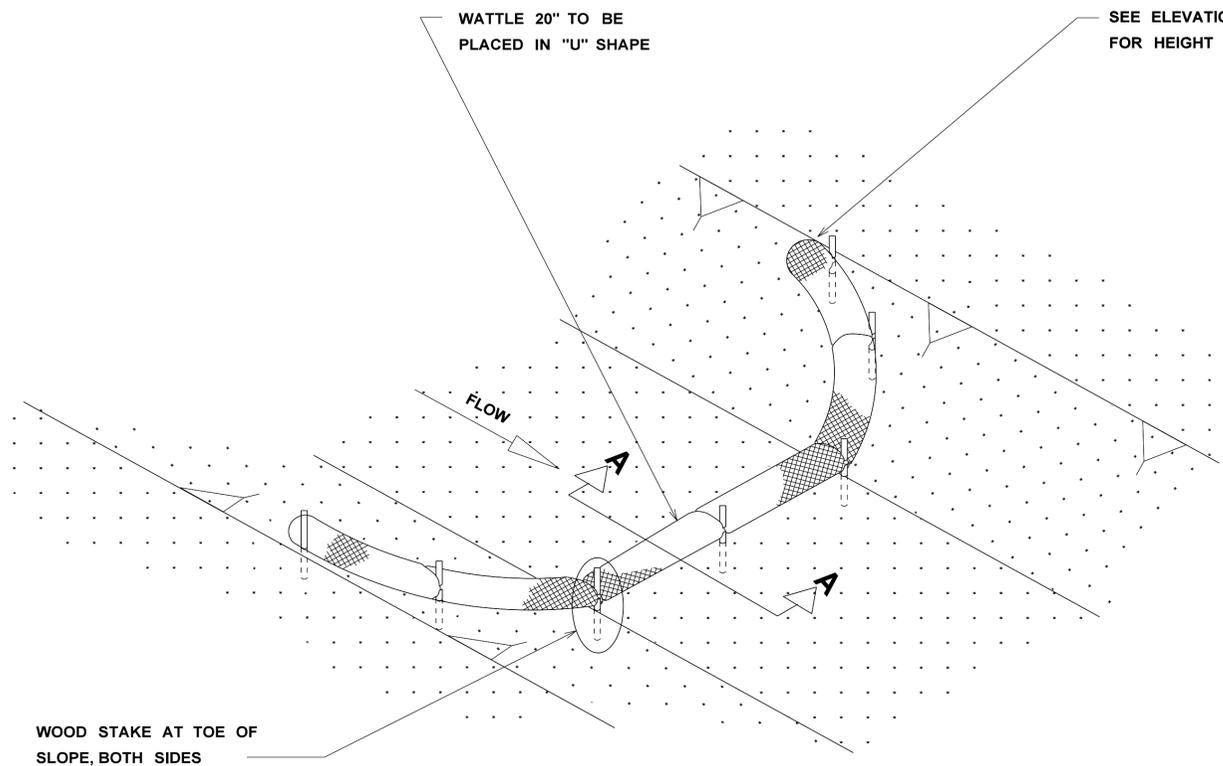
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILS OF SILT FENCE INSTALLATION</b>	
COUNTY: AMITE	
PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)	
WORKING NUMBER	ECD-3
SHEET NUMBER	28
FILENAME:	DESIGN TEAM _____ CHECKED _____ DATE _____



PLAN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

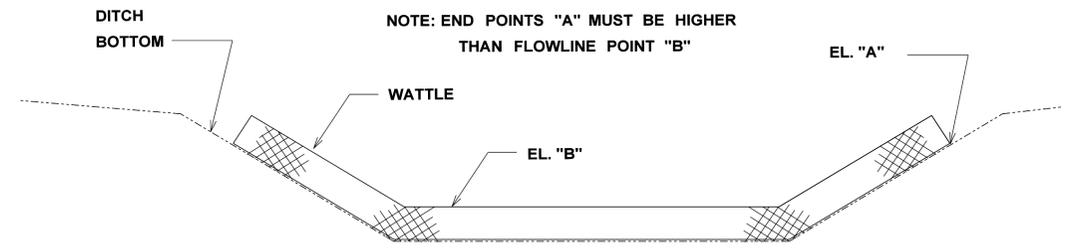
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STATE	PROJECT NO.
MISS.	ER-0166-00(009) ER-0167-00(025) ER-0014-00(065) ER-0167-00(026)



SECTION A-A

DETAIL (DITCH CHECK)



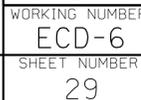
ELEVATION DETAIL

NOTES:

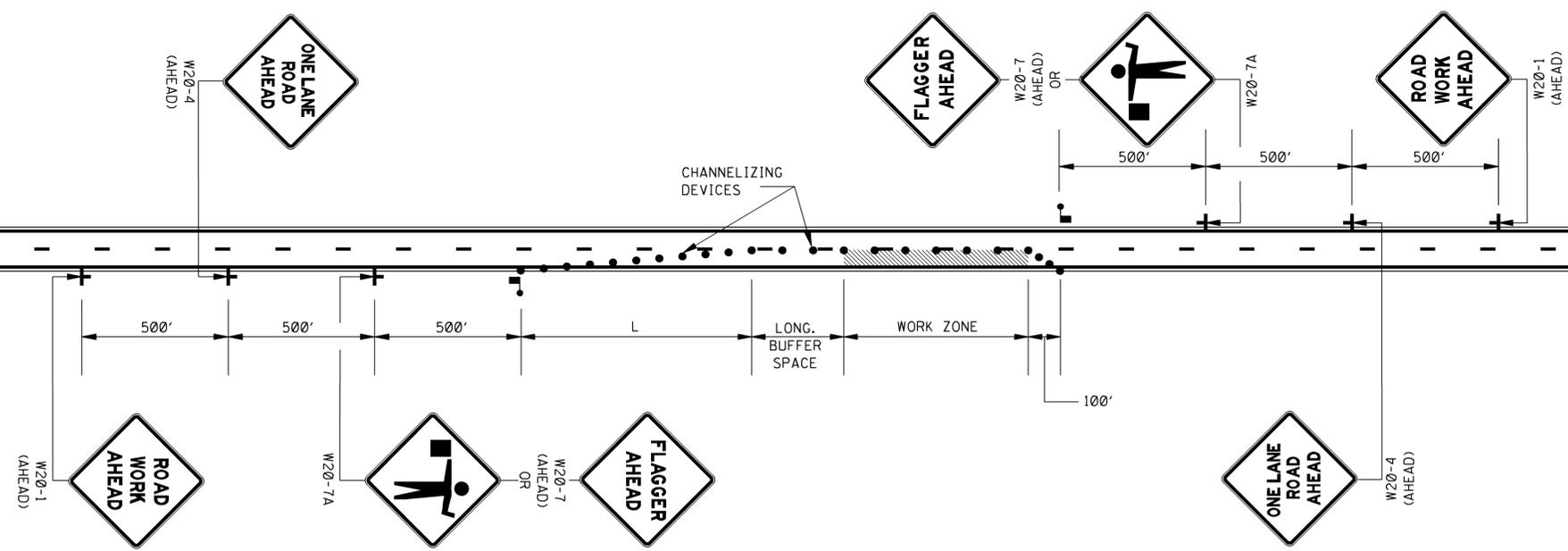
1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4
2. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		COUNTY: AMITE				
DETAILS OF EROSION CONTROL		PROJECT NUMBER: ER-0166-00(009) ER-0167-00(025) ER-0014-01(065) ER-0167-00(026)				
WATTLE DITCH CHECK		WORKING NUMBER				
		ECD-6				
REVISION	BY	FILENAME:	DESIGN TEAM	CHECKED	DATE	SHEET NUMBER
						29

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- LEGEND
- FLAGGER
  - CHANNELIZING DEVICES

GENERAL NOTES:

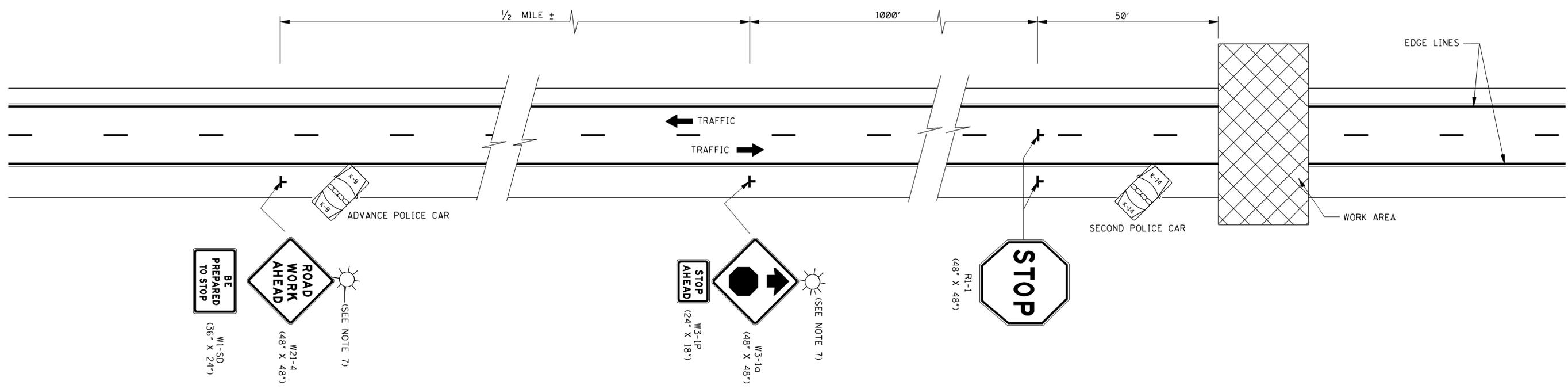
1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (ft)		MINIMUM LONGITUDINAL BUFFER SPACE (ft)	TAPER † RATES
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
≤40	40	80	170	27:1
45	45	90	220	45:1
50	50	100	280	50:1
55	55	110	335	55:1
60	60	120	415	60:1
65	65	130	485	65:1
70	70	140	575	70:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:  
 $L = WS$  FOR SPEEDS OF 45 mph OR GREATER  
 $L = WS^2/60$  FOR SPEEDS OF 40 mph OR LESS  
 WHERE: L = MINIMUM LENGTH OF TAPER IN FEET  
 W = WIDTH OF OFFSET (USUALLY LANE WIDTH) IN FEET  
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR

2. ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 24" IN HEIGHT.
3. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
4. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" x 48".
5. WHEN THERE IS NO EXISTING HAZARD OR AT THE END OF THE WORK DAY, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
6. WHERE THE WORK ZONE IS STATIONARY, THE W20-7 (500 FT.) SIGN OR THE W20-7A SIGN TOGETHER WITH THE W20-7 (500 FT.) SUPPLEMENTAL PLATE SHOULD BE USED TO INDICATE THE DISTANCE TO THE FLAGGER.

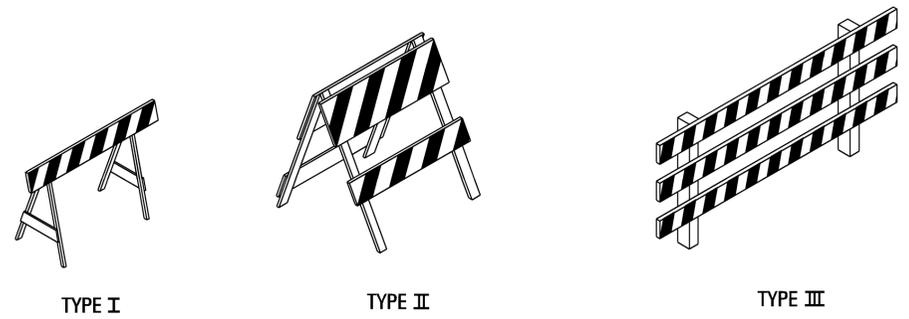
		MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
		<b>TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)</b>	
		 WORKING NUMBER TCP-1 SHEET NUMBER 6250	
REVISION	BY	ISSUE DATE: <u>OCTOBER 1, 1998</u>	



GENERAL NOTES:

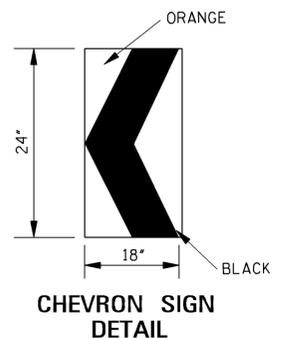
- THIS TYPE OF HIGHWAY CLOSURE SHALL ONLY BE USED FOR EMERGENCIES OR FOR CONSTRUCTION OPERATIONS WHEN THE DURATION OF CLOSURE WILL NOT EXCEED 30 MINUTES. AFTER THE HIGHWAY HAS BEEN CLOSED AND REOPENED VIA THIS PROCEDURE, A MINIMUM PERIOD OF 30 MINUTES SHALL ELAPSE BEFORE ANOTHER SHORT DURATION CLOSURE, EXCEPT WITH THE APPROVAL OF THE ENGINEER.
- AT LEAST TWO POLICEMEN AND TWO POLICE CARS SHALL BE PROVIDED ON EACH APPROACH TO THE CLOSURE. EACH POLICE CAR SHALL HAVE A ROOF MOUNTED ROTATING BLUE LIGHT OR LIGHT BAR.
- ROAD CLOSURES ARE NOT PERMITTED ON HOLIDAYS OR BETWEEN THE HOURS OF 6 AM TO 9 AM, 11 AM TO 1 PM AND 3 PM TO 6 PM ON MONDAY THROUGH FRIDAY, EXCEPT BY PERMISSION OF THE ENGINEER.
- THE ADVANCE POLICE CAR AND THE "W21-4 (48" X 48")", "W1-SD (36" X 24")", "W3-1a (48" X 48")", AND "W3-1P (24" X 18")" SIGNS SHALL BE MOVED BACK AS REQUIRED BY THE QUEUING OF STOPPED VEHICLES.
- TRAFFIC CONTROL FOR THE CLOSURE SHALL BE ACCOMPLISHED IN THE FOLLOWING ORDER:
  - ADVANCE POLICE CAR, LIGHTS AND FLASHERS ON.
  - "W21-4 (48" X 48")" AND "W1-SD (36" X 24")" SIGNS ERECTED.
  - "W3-1a (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 IN THE FOLLOWING ORDER: CENTER THEN SIGN ON THE RIGHT SHOULDER.
  - AFTER ALL STOPPED VEHICLES HAVE STARTED MOVING, THE "W3-1a (48" X 48")" AND "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 NORMAL SPEED, THE "W21-4 (48" X 48")" AND "W1-SD (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. WHEN THE HIGHWAY MUST BE CLOSED DURING HOURS OF DARKNESS, A TYPE B HIGH INTENSITY FLASHING BARRICADE WARNING LIGHT SHALL BE USED ON EACH W21-4 AND W3-1a SIGN.
- IF AN ENTRANCE RAMP IS LOCATED BETWEEN THE W21-4 AND R1-1, THE "W21-4 (48" X 48")", "W1-SD (36" X 24")", "W3-1a (48" X 48")", AND "W3-1P (24" X 18")" SIGNS SHALL ALSO BE ERECTED ON THE RAMP SHOULDER.
- SIGN "W1-SD (36" X 24")" IS 4" SERIES "C" BLACK LEGEND AND BORDER ON ORANGE BACKGROUND.
- ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR 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	
<b>SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS</b>	
ISSUE DATE: <u>OCTOBER 1, 1998</u>	
WORKING NUMBER TCP-8	SHEET NUMBER 6257



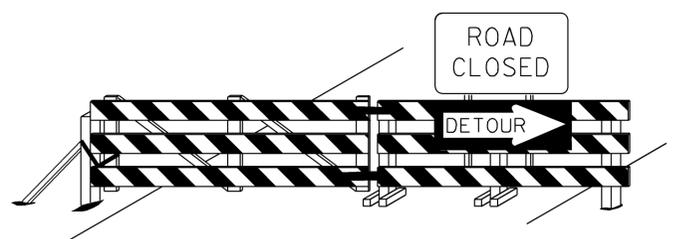
**STANDARD BARRICADES**

1. A TYPE I BARRICADE CONSISTS OF ONE (1) HORIZONTAL RAIL SUPPORTED BY A DEMOUNTABLE FRAME OR A LIGHT "A" FRAME. A TYPE I BARRICADE NORMALLY WOULD BE USED ON CONVENTIONAL ROADS OR URBAN STREETS AND ARTERIALS.
2. A TYPE II BARRICADE CONSISTS OF TWO (2) HORIZONTAL RAILS ON A LIGHT "A" FRAME. TYPE II BARRICADES ARE INTENDED FOR USE ON EXPRESSWAYS AND FREEWAYS AND OTHER HIGH-SPEED ROADWAYS.
3. TYPE I AND TYPE II BARRICADES ARE INTENDED FOR USE WHERE THE HAZARD IS RELATIVELY SMALL AS, FOR EXAMPLE, ON CITY STREETS, OR FOR THE MORE OR LESS CONTINUOUS DELIMITING OF A RESTRICTED ROADWAY, OR FOR TEMPORARY DAYTIME USE.
4. A TYPE III BARRICADE CONSISTS OF THREE (3) HORIZONTAL RAILS SUPPORTED BY FIXED POSTS, A RIGID SKID, A HEAVY DEMOUNTABLE FRAME OR A HEAVY, HINGED "A" FRAME.
5. TYPE III BARRICADES ARE INTENDED FOR USE ON CONSTRUCTION AND MAINTENANCE PROJECTS AS WING BARRICADES AND AT ROAD CLOSURES, WHERE THEY MUST REMAIN IN PLACE FOR EXTENDED PERIODS.
6. THE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).
7. DO NOT PLACE SANDBAGS OR OTHER DEVICES TO PROVIDE MASS ON THE BOTTOM RAIL THAT WILL BLOCK VIEW OR RAIL FACE.
8. FOR ADDITIONAL INFORMATION OR DETAILS, SEE MUTCD, LATEST EDITION.



**CHEVRON SIGN  
DETAIL**

1. A CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
2. THE CHEVRON SIGN SHALL BE MOUNTED ON FIXED POST OR RIGID SKID.
3. CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION OR MAINTENANCE. THEY SHALL BE PLACED APPROXIMATELY 2'-0" BEHIND THE LANE TRANSITION STRIPE.

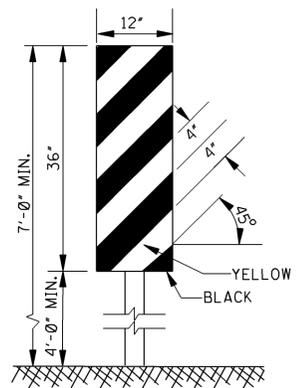


**BARRICADE CLOSING A ROAD**

**BARRICADE CHARACTERISTICS**

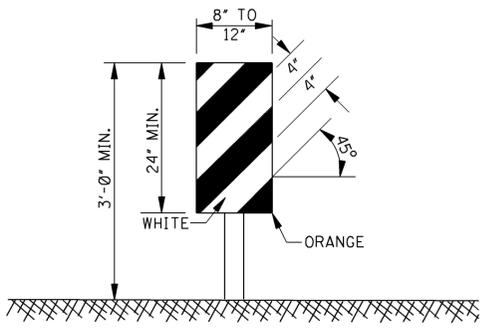
	I	II	III
WIDTH OF RAIL **	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.
LENGTH OF RAIL **	24" MIN.	24" MIN.	48" MIN.
WIDTH OF STRIPE *	6"	6"	6"
HEIGHT	36" MIN.	36" MIN.	60" MIN.
NUMBER OF REFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 6 IF FACING TRAFFIC IN TWO DIRECTIONS
TYPE OF FRAME	LIGHT	LIGHT "A" FRAME	POST OR SKID

- \* 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 270 in<sup>2</sup> OF REFLECTIVE AREA FACING TRAFFIC.



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

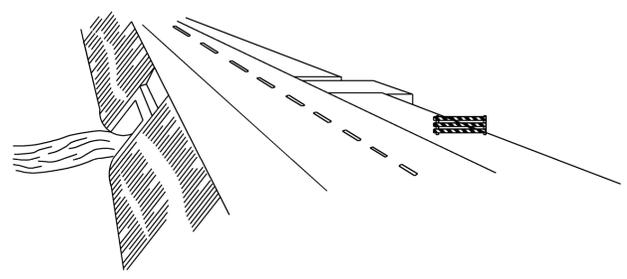
1. TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
2. THE OM-3R IS SHOWN. THE OM-3L IS SIMILAR EXCEPT THE STRIPES SLOPE DOWNWARD FROM THE UPPER LEFT SIDE TO THE LOWER RIGHT SIDE AND SHALL BE PLACED ON THE LEFT SIDE OF THE OBJECT.
3. THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.



**VERTICAL PANEL**

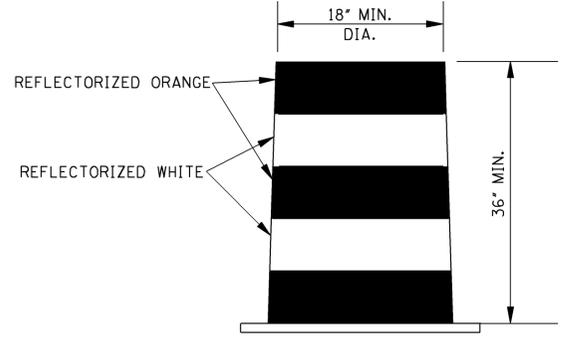
1. VERTICAL PANELS CONSIST OF AT LEAST ONE PANEL 8" TO 12" IN WIDTH AND A MINIMUM OF 24" IN HEIGHT.
2. THE DIAGONAL STRIPES SHALL SLOPE DOWNWARD IN THE DIRECTION THAT TRAFFIC IS TO PASS THE PANEL. THE PANELS SHALL BE MOUNTED WITH THE TOP A MINIMUM OF 36" ABOVE THE ROADWAY ON A SINGLE LIGHTMASS POST.
3. VERTICAL PANELS USED ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH-SPEED ROADWAYS SHALL HAVE A MINIMUM OF 270 in<sup>2</sup> OF RETROREFLECTIVE AREA FACING TRAFFIC.
4. FOR TWO-WAY TRAFFIC OPERATIONS, BACK-TO-BACK PANELS SHALL BE USED.

- GENERAL NOTES:
1. MARKINGS ON ALL DEVICES SHOWN ON THIS SHEET SHALL BE HIGH INTENSITY REFLECTIVE SHEETING.
  2. THE TRAFFIC CONTROL PLAN WILL LIST THE VARIOUS TRAFFIC CONTROL DEVICES REQUIRED FOR EACH PROJECT.



**WING BARRICADES**

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



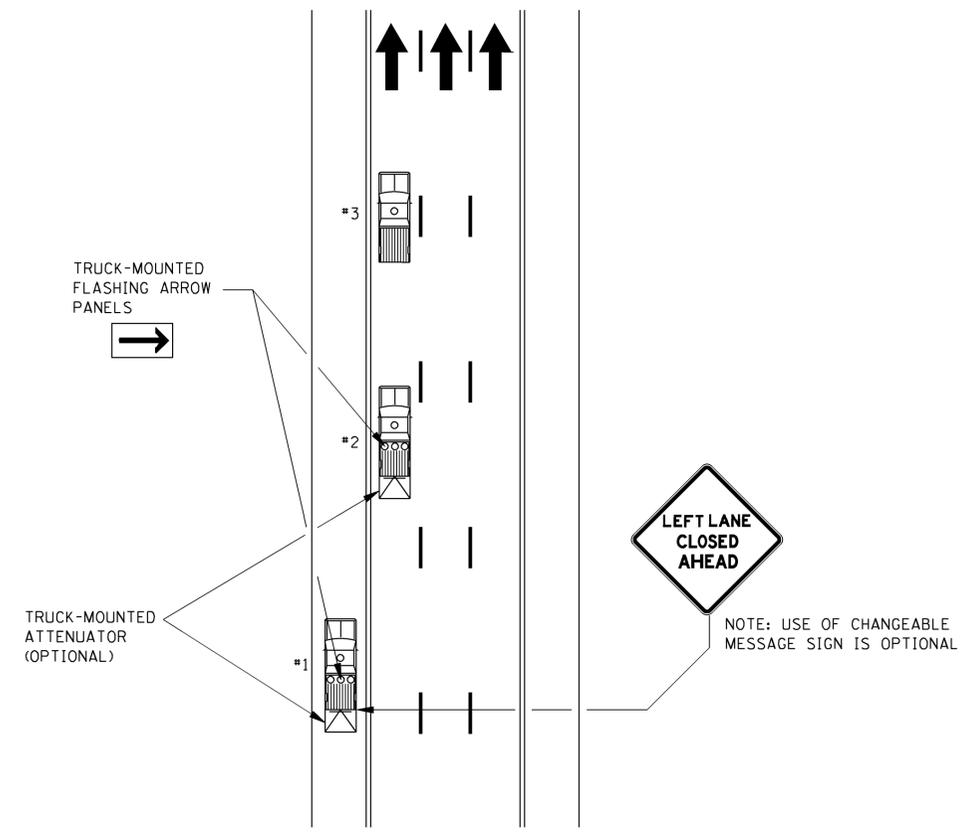
**PLASTIC DRUM STRIPING DETAIL**

1. PLASTIC DRUMS SHALL BE ON END AND USED AS AN EXPEDIENT METHOD FOR TRAFFIC CHANNELIZATION. THE COLOR AND MARKING OF DRUMS SHALL BE CONSISTENT WITH MARKING STANDARDS FOR BARRICADE. THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE WITH FOUR (4) REFLECTORIZED, HORIZONTAL, CIRCUMFERENTIAL STRIPES (2 ORANGE & 2 WHITE) 6" WIDE.
2. DRUMS SHOULD NEVER BE PLACED IN THE ROADWAY WITHOUT WARNING SIGNS.
3. WHERE PRACTICAL PLASTIC DRUMS SHALL BE PLACED NO CLOSER THAN 3'-0" FROM THE EDGE OF TRAVELED LANE.

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
REVISION		<p><b>HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS</b></p>	
DATE			
ISSUE DATE:		OCTOBER 1, 1998	
WORKING NUMBER		TCP-10	
SHEET NUMBER		6259	



**MOBILE OPERATIONS ON MULTILANE ROAD  $\Delta$**

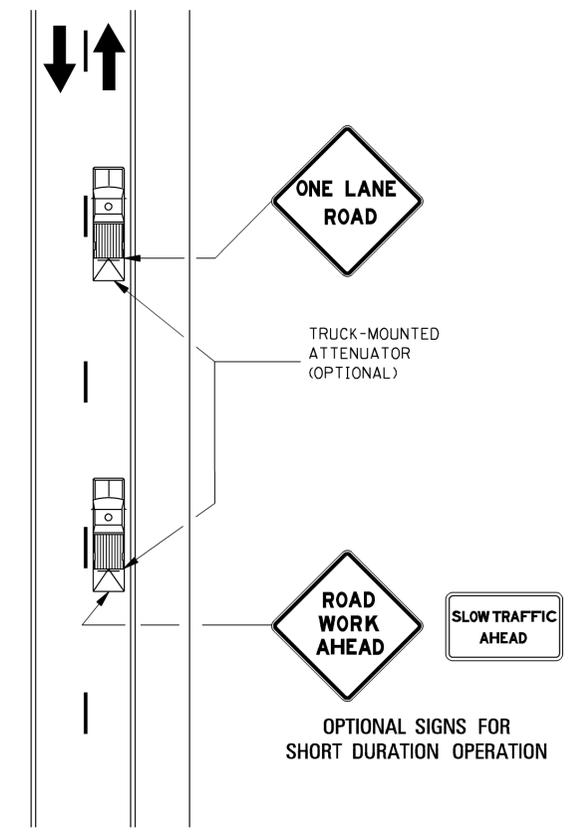


**MOBILE OPERATIONS ON MULTILANE ROAD**

NOTES:

1. VEHICLES USED FOR THESE OPERATIONS SHOULD BE MADE HIGHLY VISIBLE WITH APPROPRIATE EQUIPMENT, SUCH AS FLASHING LIGHTS, ROTATING BEACONS, FLAGS, SIGNS, OR ARROW PANELS.
2. PROTECTION VEHICLE #1 SHOULD BE EQUIPPED WITH AN ARROW PANEL. AN APPROPRIATE LANE CLOSURE SIGN SHOULD BE PLACED ON PROTECTION VEHICLE #1 SO AS NOT TO OBSCURE THE ARROW PANEL.
3. PROTECTION VEHICLE #2 SHOULD BE EQUIPPED WITH AN ARROW PANEL AND TRUCK-MOUNTED ATTENUATOR (TMA).
4. PROTECTION VEHICLE #1 SHOULD TRAVEL AT A VARYING DISTANCE FROM THE WORK OPERATION SO AS TO PROVIDE ADEQUATE SIGHT DISTANCE FOR TRAFFIC APPROACHING FROM THE REAR.
5. WHEN ADEQUATE SHOULDER WIDTH IS NOT AVAILABLE, PROTECTION VEHICLE #1 SHOULD BE ELIMINATED.
6. ON HIGH-SPEED ROADWAYS, A THIRD PROTECTION VEHICLE SHOULD BE USED (i.e., VEHICLE #1 ON THE SHOULDER (IF PRACTICAL), VEHICLE #2 IN THE CLOSED LANE, AND VEHICLE #3 IN THE CLOSED LANE).
7. ARROW PANELS SHALL BE AS A MINIMUM TYPE B, 60" X 30" IN ACCORDANCE WITH THE CRITERIA PRESENTED IN THE MUTCD.
8. WORK SHOULD NORMALLY BE DONE DURING OFF-PEAK HOURS.
9. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

**MOBILE OPERATIONS ON TWO-LANE ROAD**

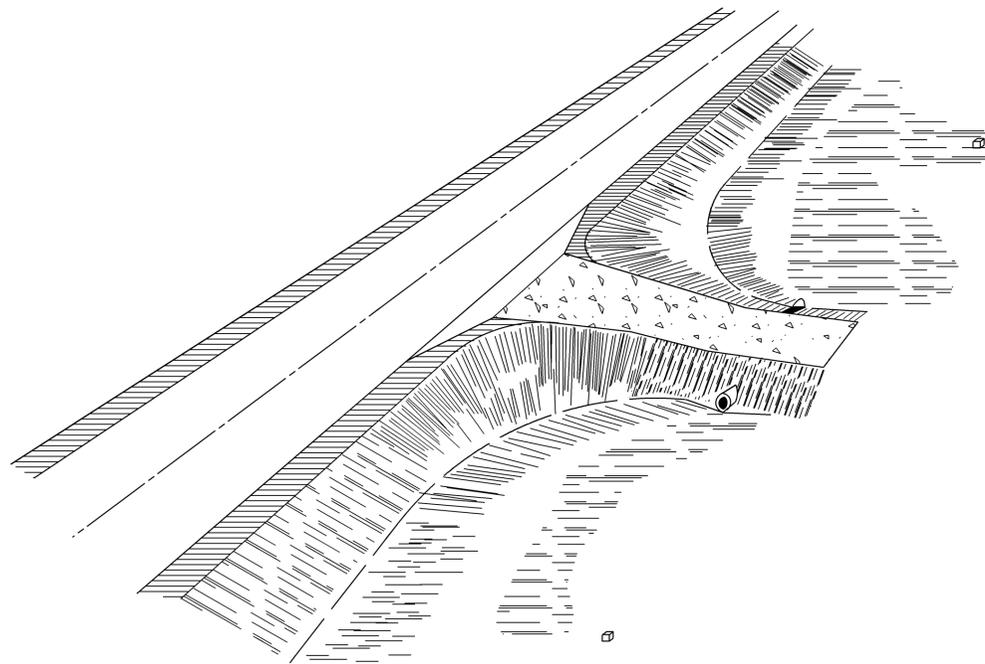


**MOBILE OPERATIONS ON TWO-LANE ROAD**

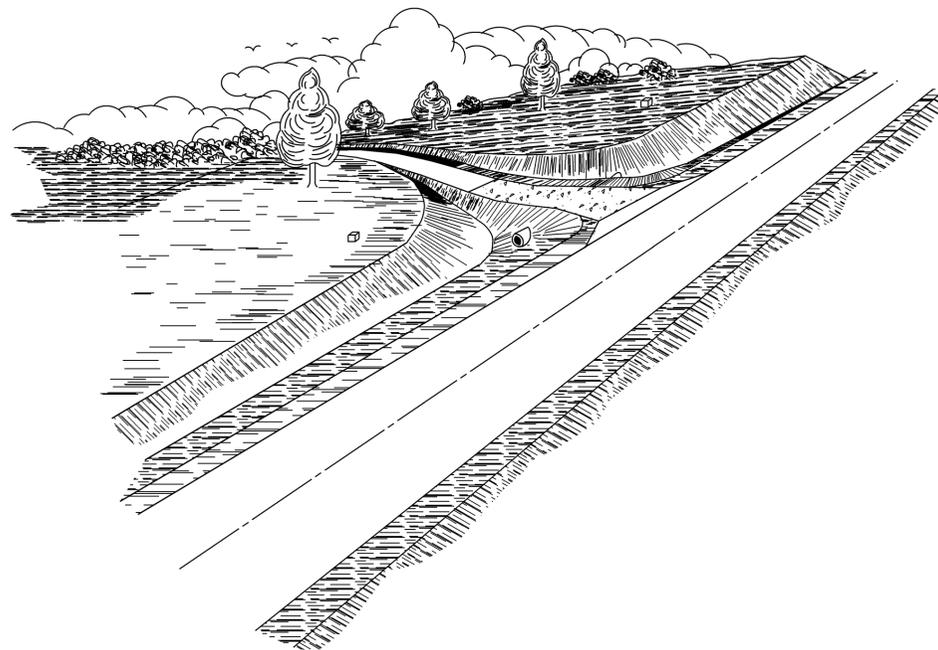
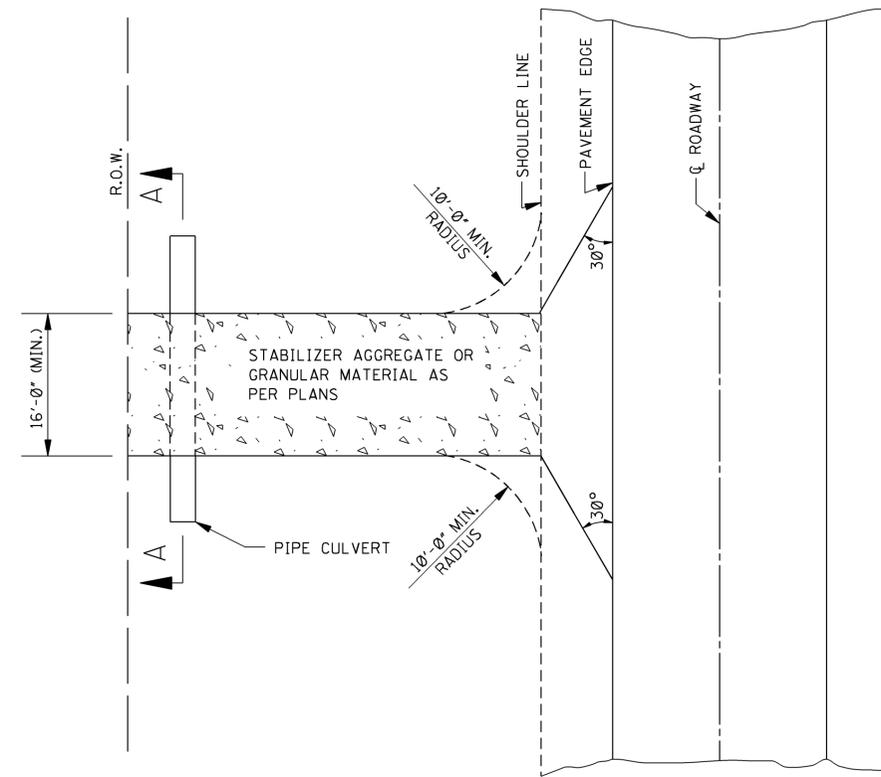
NOTES:

1. WHERE PRACTICAL AND WHEN NEEDED, THE WORK AND PROTECTION VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS. IF THIS CAN NOT BE DONE FREQUENTLY, AS AN ALTERNATIVE, A "DO NOT PASS" SIGN MAY BE PLACED ON THE REAR OF THE VEHICLE BLOCKING THE LANE.
2. THE DISTANCE BETWEEN THE WORK AND PROTECTION VEHICLES MAY VARY ACCORDING TO TERRAIN, PAINT DRYING TIME, AND OTHER FACTORS. PROTECTION VEHICLES ARE USED TO WARN TRAFFIC OF THE OPERATION AHEAD. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, THE PROTECTION VEHICLE SHOULD MAINTAIN THE MINIMUM DISTANCE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. THE PROTECTION VEHICLE SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
3. ADDITIONAL PROTECTION VEHICLES TO WARN AND REDUCE THE SPEED OF ONCOMING OR OPPOSING TRAFFIC MAY BE USED. POLICE PATROL CARS MAY BE USED FOR THIS PURPOSE.
4. A TRUCK-MOUNTED ATTENUATOR (TMA) SHOULD BE USED ON THE PROTECTION VEHICLE AND MAY BE USED ON THE WORK VEHICLE.
5. THE WORK VEHICLE SHALL BE EQUIPPED WITH BEACONS, AND THE PROTECTION VEHICLES SHALL BE EQUIPPED WITH TWO HIGH-INTENSITY FLASHING LIGHTS MOUNTED ON THE REAR, ADJACENT TO THE SIGN. PROTECTION AND WORK VEHICLES SHOULD DISPLAY FLASHING OR ROTATING BEACONS BOTH FORWARD AND TO THE REAR.
6. VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGN LOCATED AT A MINIMUM HEIGHT OF 48" ABOVE THE PAVEMENT. SIGN LEGENDS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
7. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

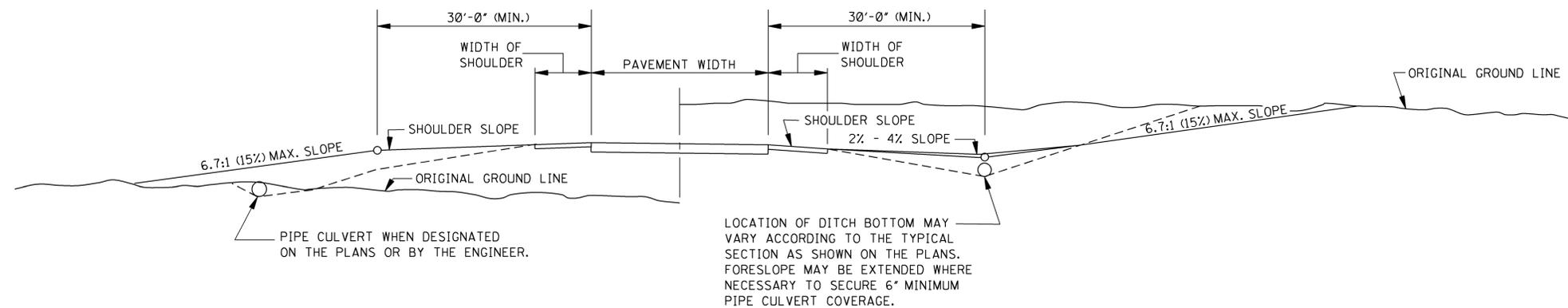
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN		
<b>TRAFFIC CONTROL PLAN          MOBILE OPERATIONS          MULTILANE ROADS          AND          TWO-LANE ROADS</b>		
12-1-99 DATE	REVISION CAPTION	WORKING NUMBER TCP-11 SHEET NUMBER 6260
ISSUE DATE: <u>OCTOBER 1, 1998</u>		



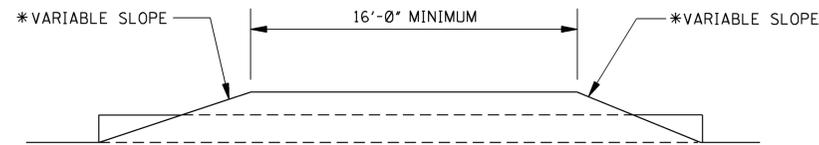
RAMP IN FILL SECTION



RAMP IN CUT SECTION



TYPICAL SECTION AT RAMP



SECTION A-A

\* DRIVEWAY SIDE SLOPES

WITHIN CLEAR ZONE	V ≥ 50 mph - DES. 10:1 MAX 6:1
	V ≤ 45 mph - MAX. 3:1
OUTSIDE CLEAR ZONE	MAXIMUM - 3:1

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
<b>RURAL DRIVEWAYS</b>	
BY	
REVISION	
DATE	ISSUE DATE: OCTOBER 1, 1998
WORKING NUMBER	RD-1
SHEET NUMBER	6271

