

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 type="checkbox"/> ROADWAY STANDARD DWGS	6001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input checked="" type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

STA. 294+28.833 - BR. NO. 202.0
(3 @ 110' SPANS)
BRIDGE LENGTH = 330'

BOX BRIDGES REQ'D.
NONE

CONVENTIONAL SYMBOLS

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

LENGTH OF ROADWAY
LENGTH OF BRIDGES
LENGTH OF PROJECT (NET)
LENGTH OF EXCEPTIONS
LENGTH OF PROJECT (GROSS)

1170 FT. 0.222 MI.
330 FT. 0.062 MI.
1500 MI. 0.284 MI.
0 FT. 0.000 MI.
1500 MI. 0.284 MI.

EQUATIONS

NONE

LENGTH DATA

EXCEPTIONS

NONE

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

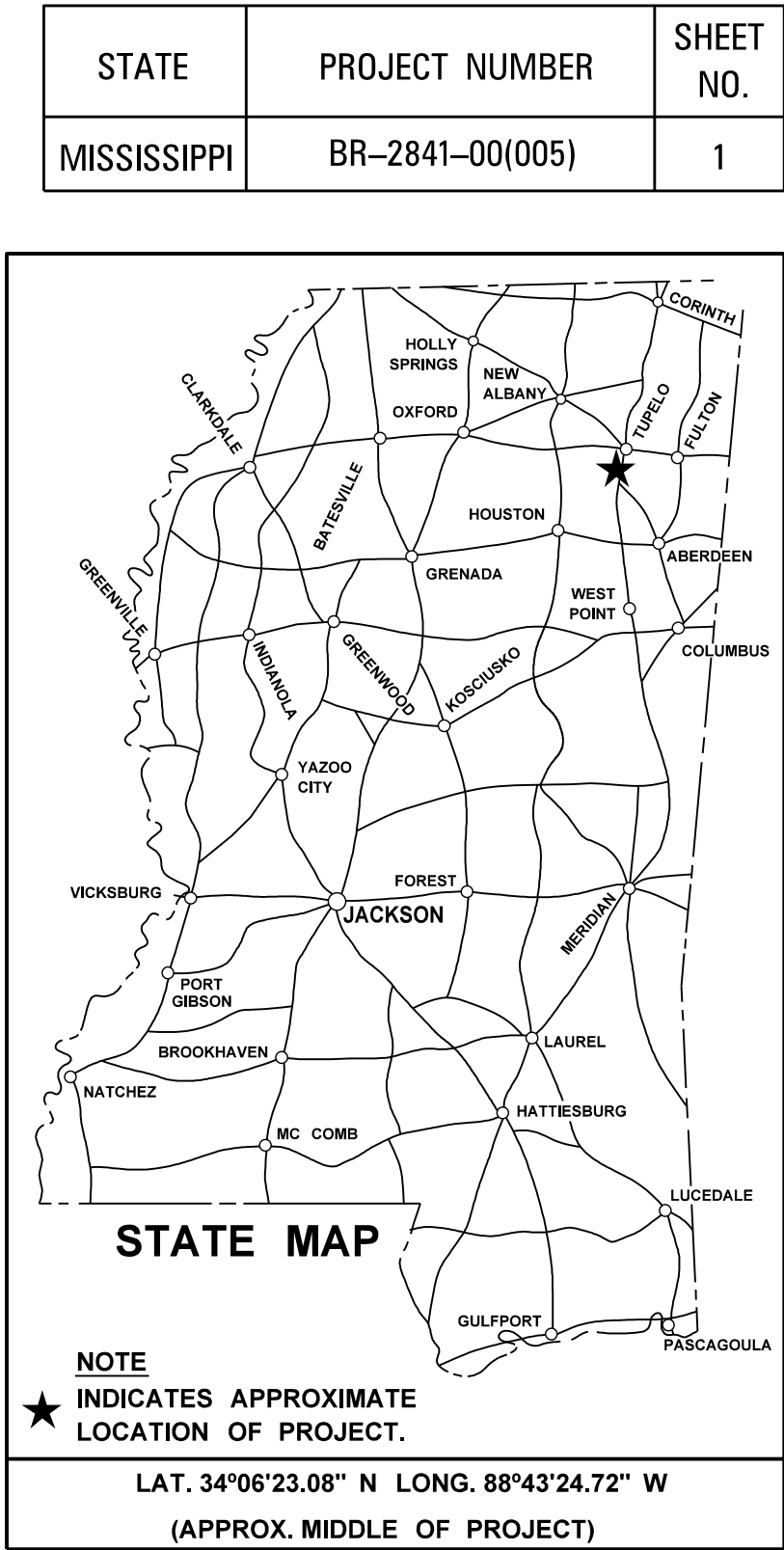
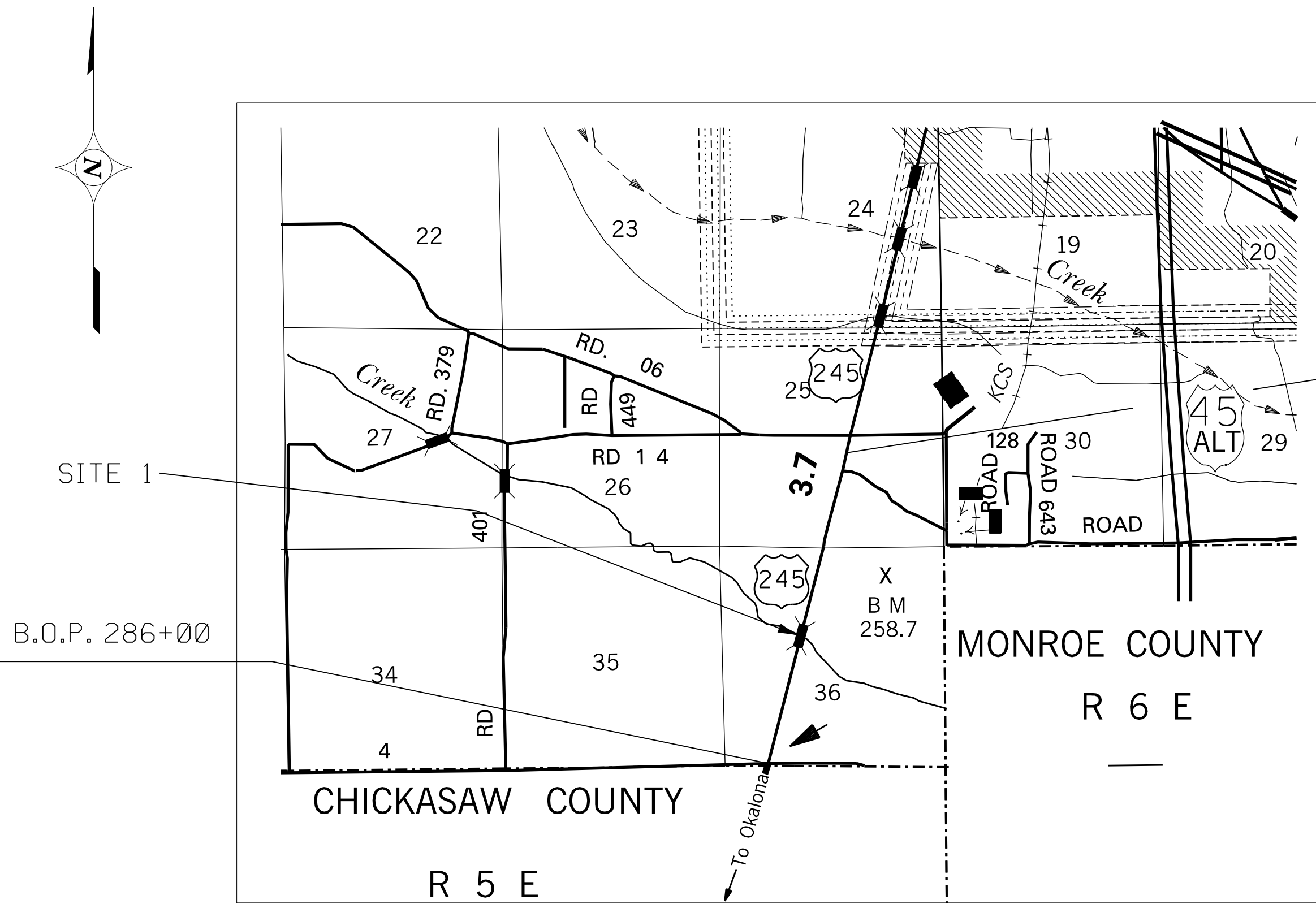
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. BR-2841-00(005)

BRIDGE REPLACEMENT ON MS 245 BETWEEN OKOLONA AND SHANNON
LEE COUNTY

SCALES			
PLAN		1 IN. =	100 FT.
PROFILE {	HOR.	1 IN. =	100 FT.
	VERT.	1 IN. =	10 FT.
LAYOUT		1 IN. =	2640 FT.

FMS ROW. NO. 102426/201000

FMS CON. NO. 102426/301000



DESIGN CONTROL	
60 MPH = V (SPEED DESIGN)	
ADT (2018) = 7200 ; ADT (2038) = 9100	
DHV = 1100 ; D = 60 % T = 6 %	

PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
STORMWATER PERMIT		<input checked="" type="checkbox"/>
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)	
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: _____		

P S & E DATE: 12/13/17

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR



DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	REV. DATE
TITLE SHEET		1	STANDARD DRAWINGS - ROADWAY SHEETS (CONT.)	
DETAILED INDEX AND GENERAL NOTES SHEETS (3)			ROCK DITCH CHECK WITH SUMP EXCAVATION & ROCK FILTER DAM INLET PROTECTION - TYPICAL APPLICATIONS AND DETAILS INLET PROTECTION - DETAILS FOR COARSE AGGREGATE ON GRADES AND SAGS INLET PROTECTION DETAILS OF WATTLES INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE INLET PROTECTION DETAILS OF SAND BAG STABILIZED CONSTRUCTION ENTRANCE TEMPORARY CULVERT STREAM CROSSING TEMPORARY STREAM DIVERSION TEMPORARY STREAM DIVERSION (BOX EXTENSIONS) FLOATING TURBIDITY CURTAIN DETAILS OF EROSION CONTROL - SANDBAG DITCH CHECK SEDIMENT RETINTION BARRIER	
DETAILED INDEX	DI-1	2		
DETAILED INDEX	DI-2	3		
GENERAL NOTES	GN-1	4		
TYPICAL SECTION SHEETS (3)			DETAILS OF TYPICAL DITCH TREATMENTS	
TYPICAL SECTION - NEW CONSTRUCTION	TS-1	5		
TYPICAL SECTION - MILLING AND OVERLAY	TS-2	6		
TYPICAL SECTION - MISCELANEOUS TYPICAL SECTION DETAILS	TS-3	7		
SUMMARY OF QUANTITY SHEETS (3)				
SUMMARY OF QUANTITIES	SQ-1	8		
SUMMARY OF QUANTITIES	SQ-2	9	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAINS AND TYPE A SILT BASINS)	
SUMMARY OF QUANTITIES	SQ-3	10	TYPICAL TEMPORARY EROSION CONTROL MEASURES - TYPE D SILT BASIN (RIPRAP DIKE SILT BASIN) (135 CU. YD. CAPACITY PER ACRE OF DRAINAGE)	
ESTIMATED QUANTITY SHEETS (5)				
ESTIMATED QUANTITIES - SIDE DRAINS AND DRIVEWAYS	EQ-1	11	GUARD RAIL: "W" BEAM (WOOD POSTS)	
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT, GUARDRAIL, PAVED FLUMES, REMOVAL OF PAVEMENT	EQ-2	12	GUARD RAIL: THRIE BEAM (WOOD POSTS)	
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ-3	13	GUARD RAIL: "W" BEAM (STEEL POSTS)	
ESTIMATED QUANTITIES - PAVEMENT MARKINGS	EQ-4	14	GUARDRAIL: BRIDGE END SECTION TYPE I (WOOD POSTS)	
ESTIMATED QUANTITIES - ESTIMATED EARTHWORK	EQ-5	15	GUARDRAIL: BRIDGE END SECTION TYPE I (STEEL POSTS)	
			GUARDRAIL: RUB RAIL HARDWARE SHEET	
			GUARD RAIL: MISCELLANEOUS HARDWARE	
PLAN AND PROFILE SHEETS (1)				
PLAN AND PROFILE SHEET - STA. 287+50 - STA. 302+50	WK-3	16		
SPECIAL DESIGN SHEETS (9)			ROUTE SHEILDS AND "EXIT ONLY" PANELS STANDARD ROADSIDE SIGNS STANDARD ROADSIDE SIGNS	
VEGETATION SCHEDULE	VS-1	17		
DETAIL OF CONSTRUCTION & SIGNING DETOUR	DCS-1	18	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	
DETAIL OF CONSTRUCTION & SIGNING DETOUR	DCS-2	19	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	
DETAIL OF CONSTRUCTION & SIGNING DETOUR	DCS-3	20	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	
PAVEMENT MARKING DETAIL	PMD-1	21		
RIGHT-OF-WAY MARKERS COORDINATE SHEET	ROW-COR	22	TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS TYPICAL GUARD RAIL DELINEATION SIGNING DETAILS FOR TWO LANE AND FOUR LANE BRIDGE APPROACHES	
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	23		
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SDRO-1	24	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	
EROSION CONTROL PLAN - WK. 3 - MAINLINE	ECP-3	25	SHORT DURATION CLOSING OF TWO-LANE, TWO-WAY TRAFFIC HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS TRAFFIC CONTROL PLAN FOR MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	
STANDARD DRAWINGS - ROADWAY SHEETS (60)				
BRIDGE END PAVEMENT (WITH RAIL, OVERLAY AND SLEEPER SLAB)	BE-1	6007	TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS	
33.5" BRIDGE END PAVEMENT RAIL	BER-1	6009	TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS LOCATION OF R16-3 SIGNS TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE	
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE ROADWAYS	PM-1	6051		
RUMBLE STRIPES - 2-LANE HIGHWAYS (ASPH. LANES, 2-FT. ASPH. SHLD)	RS-1	6064		
TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS	ECD-1	6101		
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102		
DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103		
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104		
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND				

[illegible]

STATE	PROJECT NO.
MISS.	BR-2841-00(005)

DESCRIPTION OF SHEET

WKG.
NO.

SH.
NO.

DESCRIPTION OF SHEET

WKG.
NO.

SH.
NO.

STANDARD DRAWINGS - ROADWAY SHEETS (CONT.)

RIGHT-OF-WAY MARKER
RURAL DRIVEWAYS
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS

RW-1 6401
RD-1 6403
GT-1 6404

GUIDE BANK (SPUR DIKE): EARTH

ED-1 6406

MISCELLANEOUS DETAIL SHEET

MDS-1 6425

DETAILS OF PAVED FLUMES
PIPE CULVERT INSTALLATION

PF-1 6426
PI-1 6501

CROSS SECTION SHEETS (10)

9001-9010

TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) = 95

PLAN DIVISION
ROADWAY
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

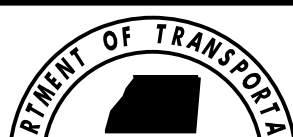
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DETAIL INDEX.DGN

					BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
					REVISION	DETAILED INDEX	
					DATE	COUNTY: LEE	
					DESIGN TEAM	PROJ. NUM.: BR-2841-00(005)	
					MITTS	CHECKED	DATE
						WORKING NUMBER DI-2	
						SHEET NUMBER 3	



- (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 PART VI OF THE MUTCD (LATEST EDITION).
- (3) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- (4) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- (5) 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.
- (6) ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
- (7) VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
- (8) UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
- (9) WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- (10) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (11) ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- (12) 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.
- (13) 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.
- (14) REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
- (15) THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U. S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
- (16) PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED, IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.

- (17) THE CLEARING LIMITS ADJACENT TO THE STREAM(S) AT STATION(S) 296+00 WILL BE LIMITED TO NO FURTHER THAN TEN (10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY(50) FEET FROM THE TOP OF THE BANKS.
- (18) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (19) ERECTION DATES ARE TO BE LEGIBLY WRITTEN IN BOLD, BLACK MARKINGS ON THE BACK OF ALL PERMANENT SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT, AND MARKS ON WET OR DRY SURFACES.
- (20) IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.
- (21) 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.
- (22) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
					GENERAL NOTES		
				REVISION	PROJECT NO. : BR-2841-00(005)		WORKING NUMBER
					COUNTY: LEE		GN-1
				DATE	FILENAME: GENERALNOTES.DGN		SHEET NUMBER
					DESIGN TEAM MITTS CHECKED ----- DATE -----		4