

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL PROJECT NO. STP-9999-05(376)

**SLIDE REPAIR
SR 145 2.3 MILES NORTH OF THE CLARKE COUNTY LINE
LAUDERDALE COUNTY**

FMS CON NO. 108000/301000

SCALES

PLAN 1 IN. = 100 FT.
PROFILE { **HOR.** 1 IN. = 100 FT.
 { **VERT.** 1 IN. = 10 FT.
LAYOUT 1 IN. = 2500 FT.

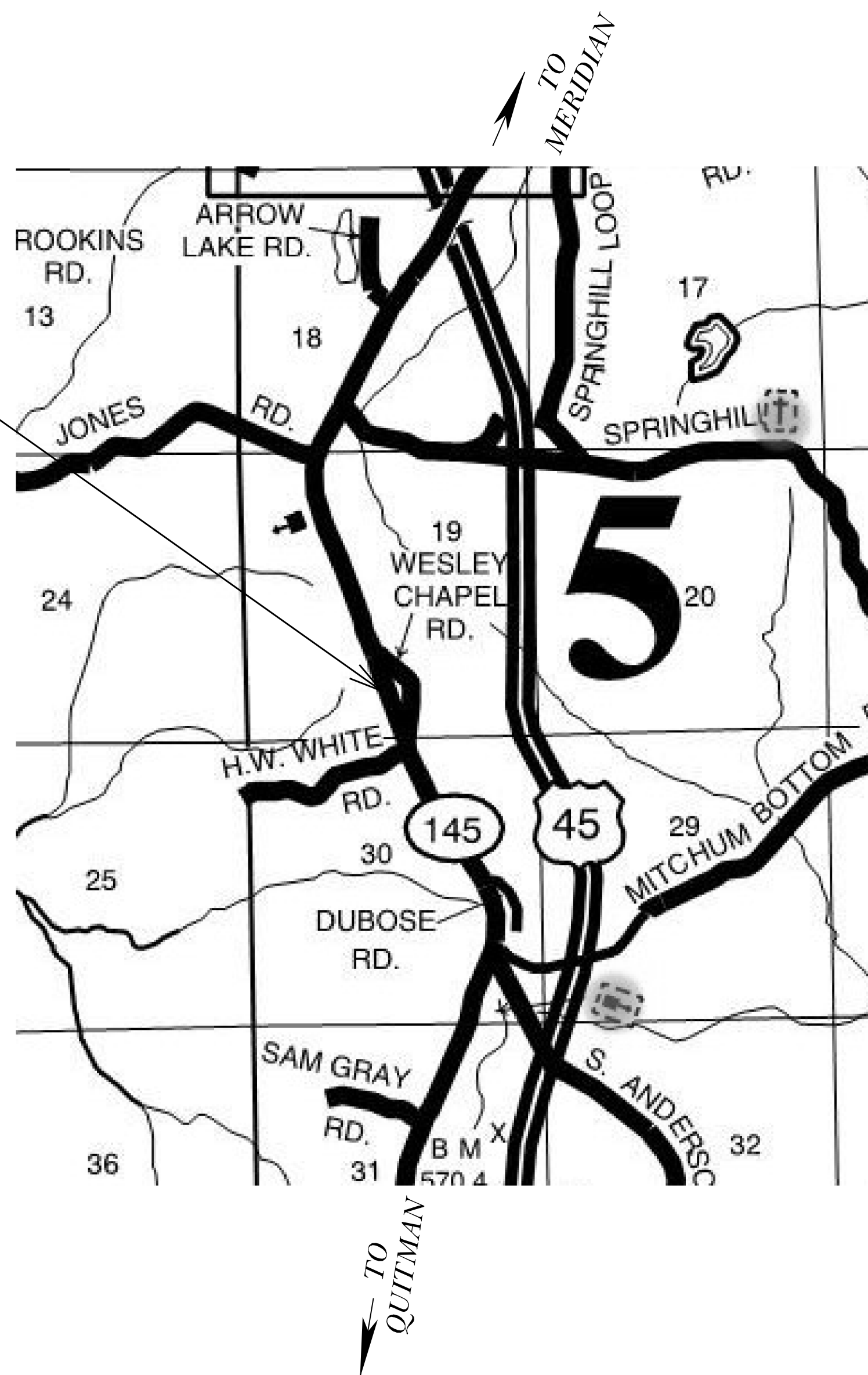
GENERAL INDEX		
INCLUDED THIS PROJECT		BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY		1
<input type="checkbox"/> PERMANENT SIGNS		1001
<input type="checkbox"/> TRAFFIC SIGNALS		2001
<input type="checkbox"/> ITS COMPONENTS		3001
<input type="checkbox"/> LIGHTING		4001
<input type="checkbox"/>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

BRIDGE STRUCTURES REQ'D.
NONE

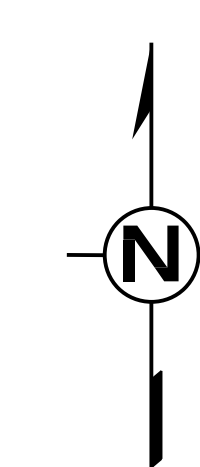
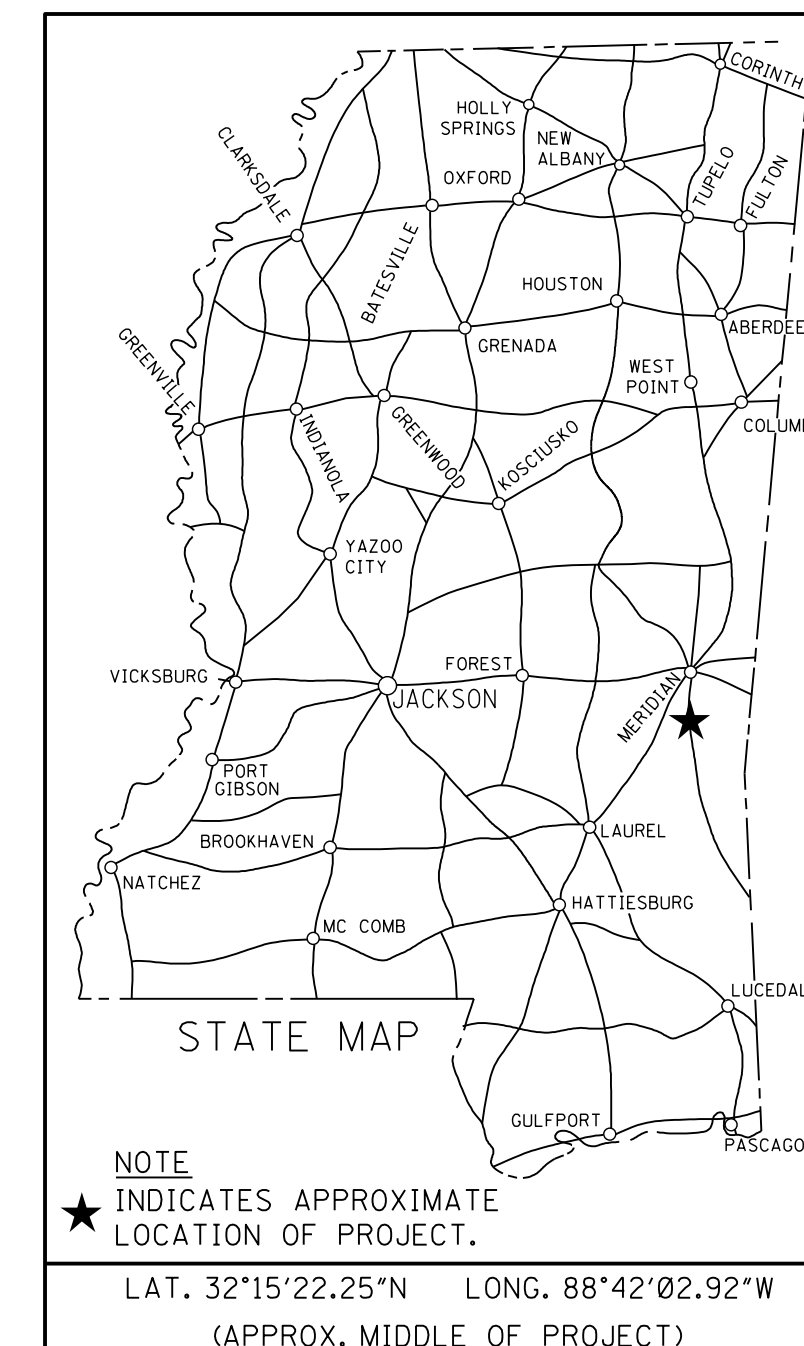
BOX BRIDGES REQ'D.
NONE

PROJECT LOCATION

S19 T5N R16E



STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP-9999-05(376)	1



PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	[N]	[N]
NATIONWIDE (OTHER)*	[N]	[N]
GENERAL*	[N]	[N]
INDIVIDUAL (404)*	[N]	[N]
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR		
STORMWATER PERMIT	[S]	
Y	REQUIRED, SCNOI 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: _____		

CONVENTIONAL SYMBOLS

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



P S & E DATE: 4/23/21

APPROVED: _____
 DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

 EXECUTIVE DIRECTOR



4/23/2021 8:20 AM TLE.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-9999-05(376)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)			STANDARD DRAWINGS (38)		
TITLE	1	1	TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
DETAILED INDEX & GENERAL NOTES (4)			DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
DETAILED INDEX	DI-1	2	DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
DETAILED INDEX	DI-2	3	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
GENERAL NOTES	GN-1	4	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION		
GENERAL NOTES	GN-2	5	CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5	6105
QUANTITY SHEETS (4)			DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
SUMMARY OF QUANTITIES	SQ-1	6	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
ESTIMATED QUANTITIES- SUMMARY OF DRAINAGE, JUNCTION BOXES, RIPRAP DITCHES, FRENCH DRAIN	EQ-1	7	ROCK DITCH CHECK	ECD-8	6108
ESTIMATED QUANTITIES- TRAFFIC CONTROL ITEMS, EROSION CONTROL ITEMS, ROADSIDE DEVELOPMENT ITEMS, ESTIMATED EARTHWORK	EQ-2	8	ROCK FILTER DAM	ECD-9	6109
ESTIMATED QUANTITIES- TRAFFIC CONTROL SIGNS	TCP-Q	9	ROCK DITCH CHECK WITH SUMP EXCAVATION AND		
PLAN SHEETS (4)			ROCK FILTER DAM	ECD-10	6110
LANDSLIDE AREIAL VIEW	LS-1	10	TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
CONSTRUCTION SEQUENCE	CS-1	11	INLET PROTECTION DETAILS FOR SEDIMENT CONTROL		
SR 145 LANDSLIDE REPAIR - EXISTING CONDITIONS - SLIDE AREAS 1 & 2	PL-1	12	STONE ON GRADES AND SAGS	ECD-12	6112
SR 145 LANDSLIDE REPAIR - PROPOSED CONDITIONS - SLIDE AREAS 1 & 2	PL-2	13	INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
TYPICAL SECTIONS SHEETS (4)			INLET PROTECTION DETAILS OF MANUFACTURED		
SECTION A-A' - SLIDE AREA 1 - EXISTING CONDITIONS	TS-1	14	INLET PROTECTION DEVICE	ECD-14	6114
SECTION B-B' - SLIDE AREA 2 - EXISTING CONDITIONS	TS-2	15	INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
SECTION A-A' - SLIDE AREA 1 - FINAL CONDITIONS	TS-3	16	STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
SECTION B-B' - SLIDE AREA 2 - FINAL CONDITIONS	TS-4	17	TEMPORARY STREAM DIVERSION	ECD-18	6118
SPECIAL DESIGN SHEETS (6)			TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-19	6119
FRENCH DRAIN DETAIL	DET-1	18	FLOATING TURBIDITY CURTAIN	ECD-20	6120
DETAIL OF CONSTRUCTION SIGNING	DCS-1	19	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
TRAFFIC CONTROL PLAN - ROAD CLOSURE	TC-1	20	SEDIMENT RETENTION BARRIER	ECD-22	6122
DISTRICT 3 OR 5 - VEGETATION SCHEDULE - RURAL-GRADE, DRAIN AND PAVING - EXCLUDING MS DELTA	VS-1	21	DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
RIGHT OF WAY MARKERS	ROW-1	22	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	BAS-A	6125
SR 145 LANDSLIDE REPAIR - EROSION CONTROL PLAN - SLIDE AREAS 1 & 2	ECP-1	23	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
BORING LOGS (3)			SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-6	6356
BORING LOGS - (SHEET 1 OF 3) - LAND REMEDIATION	BL-1	24	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
BORING LOGS - (SHEET 2 OF 3) - LAND REMEDIATION	BL-2	25	TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6366
BORING LOGS - (SHEET 3 OF 3) - LAND REMEDIATION	BL-3	26			

VOLKERT		
PS & E PLANS-DATE 4/23/21		
FMS CON. # 108000-301000		
REVISIONS		
DATE	SHEET NO.	BY
11/24/21	6, 6501	VOLKERT



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
COUNTY: LAUDERDALE	
PROJ. NUM.: STP-9999-05(376)	
FILENAME: DI.DGN	WORKING NUMBER DI-1
DESIGN TEAM VOLKERT CHECKED _____ DATE _____	SHEET NUMBER 2

11/24/2021 11:29AM DI.DGN

STATE	PROJECT NO.
MISS.	STP-9999-05(376)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

RIGHT-OF-WAY MARKER	RW-1	6401
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	6404
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS	MDS-1	6425
PIPE CULVERT INSTALLATION	PI-1	6501
CONCRETE PIPE COLLAR	PC-1	6503
JUNCTION BOX FOR PIPE CULVERTS	JB-1	6504
JUNCTION BOX FOR BOX CULVERT TO CONCRETE ARCH PIPE	JB-1A	6505
FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530
NORMAL UNDERDRAIN TYPE II	UD-2	6534
HEADWALLS FOR CONCRETE PIPE 3:1 SLOPE - 0°- 15° SKEW	HW-3100	6574
HEADWALLS FOR CONCRETE ARCH PIPE 4:1 SLOPE, 0°-15° SKEW	HWA-4100	6582

CROSS SECTION SHEETS (29)

CROSS SECTIONS - SR145 **9001-9029**

TOTAL SHEETS (93)

4/22/2021 1:04:47 AM DI.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
COUNTY: LAUDERDALE	
PROJ. NUM.: STP-9999-05(376)	
FILENAME: DI.DGN	WORKING NUMBER DI-2
DESIGN TEAM VOLKERT CHECKED DATE	SHEET NUMBER 3



STATE	PROJECT NO.
MISS.	STP-9999-05(376)

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 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, PAVEMENT, SHOULDERS, 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 ITEMS BID.
- (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) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (11) FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO. ICJ-1 FOR DETAILS)
- (12) LIST OF PUBLIC UTILITIES
A. MISSISSIPPI POWER CO - (601) 484-2617
B. CLARKDALE WATER ASSN - (601) 693-4686
C. AT&T - (601) 479-9106
D. UNITI FIBER (601) 874-2627
- (13) 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.
- (14) THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.
- (15) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- (16) THE CONTRACTOR SHALL COVER OR REMOVE ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

GENERAL NOTES (CONT.)

- (17) 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.
- (18) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (19) 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.
- (20) 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.
- (21) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (22) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (23) 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.
- (24) 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.
- (25) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (26) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING MAIL BOXES AS NECESSARY TO MAINTAIN CONTINUOUS MAIL SERVICE THROUGHOUT THE LIFE OF THE PROJECT, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (27) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.
- (28) THE CONTRACTOR SHALL COORDINATE AND CONDUCT WORK AT LOCAL ROADS AND DRIVEWAYS IN A MANNER SUCH THAT ACCESS IS NOT INTERRUPTED UNNECESSARILY. ACCESS SHALL BE PRESERVED IN THE BEST MANNER POSSIBLE. COORDINATION AND COMMUNICATION WITH LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.

4/22/2021 10:47 AM GN-1.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
COUNTY: LAUDERDALE	
PROJ. NUM.: STP-9999-05(376)	
FILENAME: GN-1.DGN	WORKING NUMBER GN-1
DESIGN TEAM VOLKERT CHECKED DATE	SHEET NUMBER 4



STATE	PROJECT NO.
MISS.	STP-9999-05(376)

GENERAL NOTES (CONT.)

- (29) THIS PROJECT REQUIRES WORK IN THE VICINITY OF OVERHEAD UTILITY LINES. THE CONTRACTOR SHALL COORDINATE WITH THE OWNERS OF THE OVERHEAD UTILITY LINES TO HAVE SERVICE TEMPORARILY INTERRUPTED OR DISCONNECTED, AT THE UTILITY'S DISCRETION. OPERATIONS SHALL BE COORDINATED AND CONDUCTED IN A MANNER TO MINIMIZE THE INTERRUPTION AND ALSO TO PROTECT THE UTILITY LINES AND POLES.
- (30) NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED FOR THE SITE(S) AT STATION(S) 118+00-123+00. TEMPORARY CULVERT STREAM CROSSINGS WILL BE PERMITTED AT THE REMAINING LOCATION(S).

PLAN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/22/2021 1:04:47 AM GN-1.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
COUNTY: LAUDERDALE	
PROJ. NUM.: STP-9999-05(376)	
FILENAME: GN-1.DGN	WORKING NUMBER GN-2
DESIGN TEAM VOLKERT CHECKED DATE	SHEET NUMBER 5

