

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP-9999-03(367)	1

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input checked="" 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

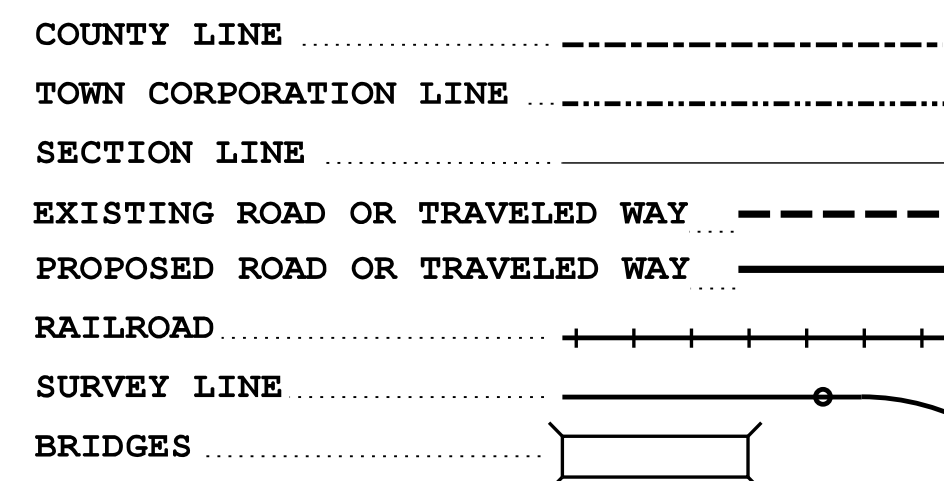
BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE

CONVENTIONAL SYMBOLS



LENGTH OF ROADWAY	563.65 FT.	0.11 MI.
LENGTH OF BRIDGES	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (NET)	563.65 FT.	0.11 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (GROSS)	563.65 FT.	0.11 MI.

EQUATIONS

NONE

EXCEPTIONS

NONE

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

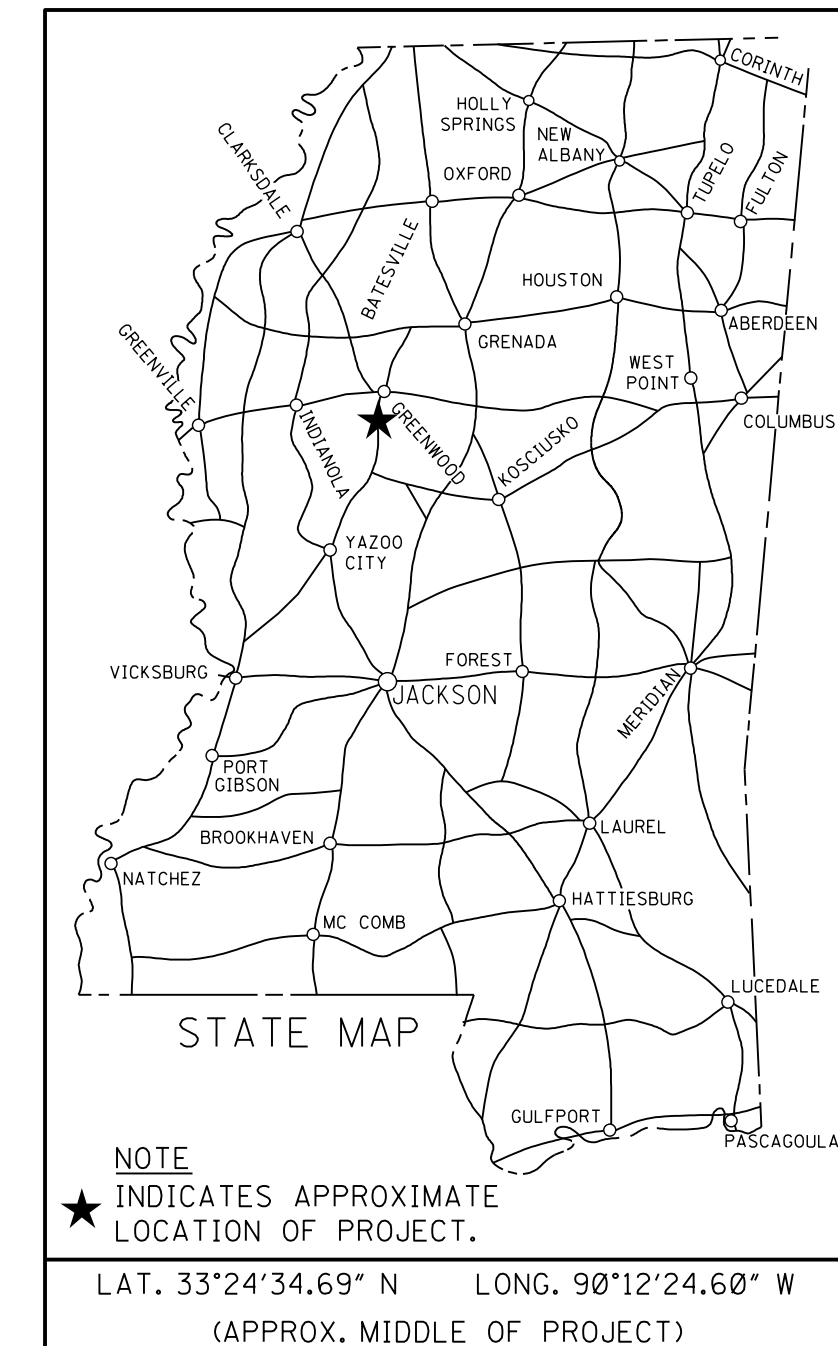
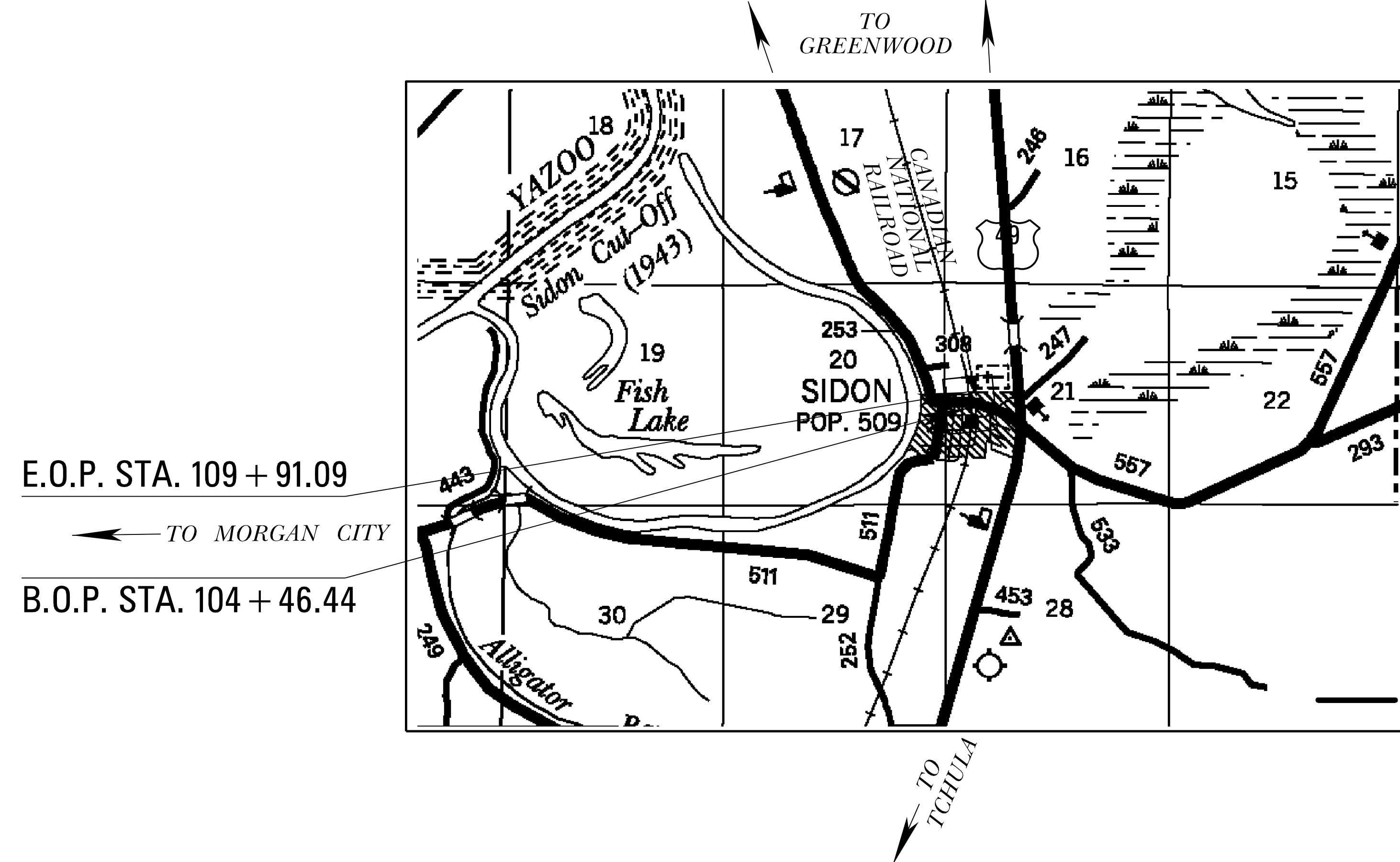
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE AID PROJECT NO. STP-9999-03(367)

SR 706 RAILROAD CROSSING IN SIDON LEFLORE COUNTY

FMS. CONST. NO.: 107891 / 301000

SCALES

PLAN	1 IN. = 20 FT.
PROFILE { HOR.	1 IN. = 20 FT.
VERT.	1 IN. = 5 FT.
LAYOUT	1 IN. = 50 FT.



DESIGN CONTROL

30 MPH = V (SPEED DESIGN)
ADT (2018) = 1400 ; ADT (2038) = 950
DHV = 140 ; D = 50 % T = 16 %

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	<input checked="" type="checkbox"/>	
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: _____		

P S & E DATE: 7/8/2020

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

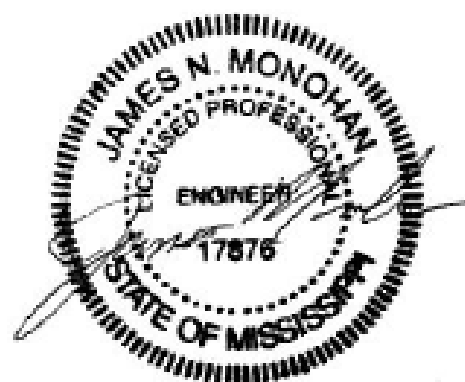
EXECUTIVE DIRECTOR



STATE	PROJECT NO.
MISS.	STP-9999-03(367)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)			STANDARD DRAWING SHEETS (40)		
TITLE	1	1	PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED ROADWAYS	PM-1	6051
			TYPICAL PLACEMENT OF WARNING SIGNS AND PAVEMENT MARKINGS AT RAILROAD HIGHWAYS GRADE CROSSINGS	PM-7	6057
DETAILED INDEX & GENERAL NOTES (2)			TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
DETAILED INDEX	DI-1	2	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
GENERAL NOTES	GN-1	3	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 HAY BALE DITCH CHECKS)	ECD-5	6105
TYPICAL SECTION SHEETS (2)			DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
TYPICAL SECTION S.R. 706	TS-1	4	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
LOCAL ROADS & TIE-IN DETAILS	TS-2	5	ROCK DITCH CHECK	ECD-8	6108
			ROCK FILTER DAM	ECD-9	6109
			ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
			TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
			INLET PROTECTION DETAILS FOR SEDIMENT CONTROL	ECD-12	6112
			STONE ON GRADES AND SAGS		
QUANTITY SHEETS (6)			INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
SUMMARY OF QUANTITIES	SQ-1	6	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
SUMMARY OF QUANTITIES	SQ-2	7			
ESTIMATED QUANTITIES - MISCELLANEOUS	EQ-1	8	INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
ESTIMATED QUANTITIES - PERMANENT SIGNING ITEMS	EQ-2	9	STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-3	10	TEMPORARY STREAM DIVERSION	ECD-18	6118
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	TCPQ-1	11	TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-19	6119
			FLOATING TURBIDITY CURTAIN	ECD-20	6120
			DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
			SEDIMENT RETENTION BARRIER	ECD-22	6122
			DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
PLAN AND PROFILE SHEETS (3)			PROTECTIVE DEVICE FOR RAILROAD SIGNAL	RRS-1	6227
PLAN AND PROFILE - S.R. 706	WK-3	12	STANDARD ROADSIDE SIGNS	SN-3B	6305
PLAN AND PROFILE - S.R. 706	WK-4	13	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	6306
PLAN AND PROFILE - EAST RAILROAD AVE.	WK-4A	14	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6307
			STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	6308
			TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
FORM GRADE SHEETS (1)			SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-6	6356
FORM GRADES - S.R. 706	FG-1	15	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
			TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
			TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS	TCP-12	6362
			TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
PAVEMENT MARKING DETAIL SHEETS (2)			LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)	TCP-15	6365
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PAVEMENT MARKING DETAILS - SR 706	PMD-2	17			
			RURAL DRIVE WAYS	RD-1	6403
CONSTRUCTION SIGNING SHEETS (1)			SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V < 45 MPH)	SE-1	6407
CONSTRUCTION SIGNING SHEET	CS-1	18	SUPERELEVATION -- CASE I (ROTATION ABOUT CENTERLINE)	SE-2A	6408
TRAFFIC CONTROL DETAIL SHEETS (2)			CROSS SECTION SHEETS (7)		
TRAFFIC CONTROL - PHASE 1	TC1-1	19	CROSS SECTIONS - S.R. 706		9001-9005
TRAFFIC CONTROL - PHASE 2	TC2-1	20	CROSS SECTIONS - EAST RAILROAD AVENUE		9006-9007
EROSION CONTROL SHEETS (2)			TOTAL SHEETS (72)		
EROSION CONTROL PLAN - SR 706	ECP-3	21			
EROSION CONTROL PLAN - SR 706	ECP-4	22			
VEGETATION SCHEDULE (1)					
VEGETATION SCHEDULE	VS-1	23			
PERMANENT SIGNING PLANS (2)					
PERMANENT SIGNING PLANS - SR 706	PSP-1	1001			
PERMANENT SIGNING PLANS - SR 706	PSP-2	1002			

PS & E PLANS-DATE 07-08-2020		
FMS CON. # 107891-301000		
REVISIONS		
DATE	SHEET NO.	BY



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
COUNTY: LEFLORE	
PROJ. NUM.: STP-9999-03(367)	
DATE	WORKING NUMBER
DESIGN TEAM	DI-1
VOLKERT	SHEET NUMBER
CHECKED	2
DATE	

6/17/2020 5:07 PM DI-INDEX.DGN

GENERAL NOTES

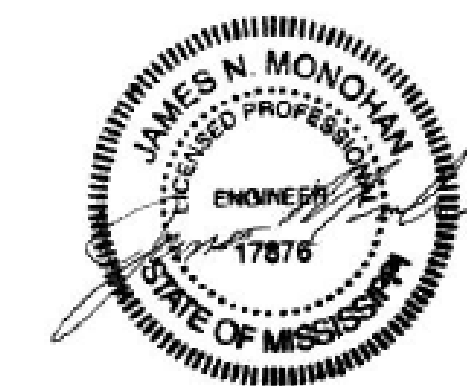
GENERAL NOTES (CONT.)

STATE	PROJECT NO.
MISS.	STP-9999-03(367)

- (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) IN ACCORDANCE WITH SPECIAL PROVISION NO. 907-899-1, THE CONTRACTOR SHALL CONTACT THE RAILROAD CONCERNING INSURANCE COVERAGE REQUIREMENTS, RAILROAD FLAGGING COSTS, CONTRACTOR SAFETY ORIENTATION, CONTRACTOR BACKGROUND INVESTIGATION, CONTRACTOR ROADWAY WORKER ON TRACK SAFETY PROGRAM AND SAFETY ACTION PLAN, AND ANY OTHER REQUIREMENTS SET FORTH BY THE RAILROAD AND ANY ATTACHED EXHIBITS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PAY ALL BILLS ASSOCIATED WITH THE RAILROAD REQUIREMENTS. THE CONTRACT LUMP SUM PRICE SHALL BE PAYMENT FOR ALL INSURANCE COVERAGE REQUIREMENTS, RAILROAD FLAGGING COSTS, CONTRACTOR SAFETY ORIENTATION, CONTRACTOR BACKGROUND INVESTIGATION, CONTRACTOR SAFETY PROGRAMS AND PLANS, AND ANY OTHER REQUIREMENTS SET FORTH BY THE RAILROAD, AND OTHER INCIDENTALS NECESSARY TO COMPLETE THE REQUIREMENTS OF THIS WORK.
- (5) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE PROPER RAILROAD PERSONNEL IN ORDER TO HAVE THE EXISTING CROSSING LIGHT AND GATE ASSEMBLY ADJUSTED TO THE PROPER HEIGHT, WHICH WILL BE ACHEIVED WITH THE RECONSTRUCTION OF THE RAILROAD CROSSING GRADE.
- (6) RAILROAD CROSSING IMPROVEMENTS WILL BE CONSTRUCTED BY OTHERS, POSSIBLY AT THE SAME TIME AS ROADWAY CONSTRUCTION. CONTRACTOR IS REQUIRED TO COORDINATE CONSTRUCTION ACTIVITIES. THE RAILROAD SHOWN IN THE PLANS IS OWNED BY CANADIAN NATIONAL.
- (7) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- (8) 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.
- (9) 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.
- (10) 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.
- (11) 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.
- (12) 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.
- (13) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (14) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (15) 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.
- (16) SMALL AMOUNTS OF EXCAVATION MAY BE NECESSARY AT SOME OF THE SITES. THIS MATERIAL MAY BE USED AS E.S.F.E. MATERIAL AND WILL BE PAID FOR BORROW. NO E.S.F.E. MATERIAL SHALL BE REMOVED FROM THE PROJECT WITHOUT THE APPROVAL OF THE ENGINEER.
- (17) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (18) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (19) 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.
- (20) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (21) WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

- (22) 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.
- (23) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (24) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (25) 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.
- (26) 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.
- (27) 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.
- (28) INSTALLATION DATES SHALL BE CLEARLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK BOTTOM HALF OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT AND MARKS ON WET OR DRY SURFACES.
- (29) ALL POST, PIPE, AND I-BEAM LENGTHS IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (30) ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT THAT ARE NOT IN CONFLICT WITH CONSTRUCTION SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (31) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

6/17/2020 5:07 PM GENERAL-NOTES.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
COUNTY: LEFLORE	
PROJ. NUM.: STP-9999-03(367)	
DATE	FILENAME: GENERAL-NOTES.DGN
DESIGN TEAM	VOLKERT CHECKED DATE
REVISION	BY
WORKING NUMBER	GN-1
SHEET NUMBER	3

