

STATE	PROJECT NO.	SHEET NO.
MISS.	STP/EXB-0610-00(017)	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 checked="" type="checkbox"/> BRIDGE STANDARD DWGS	7001
<input checked="" type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

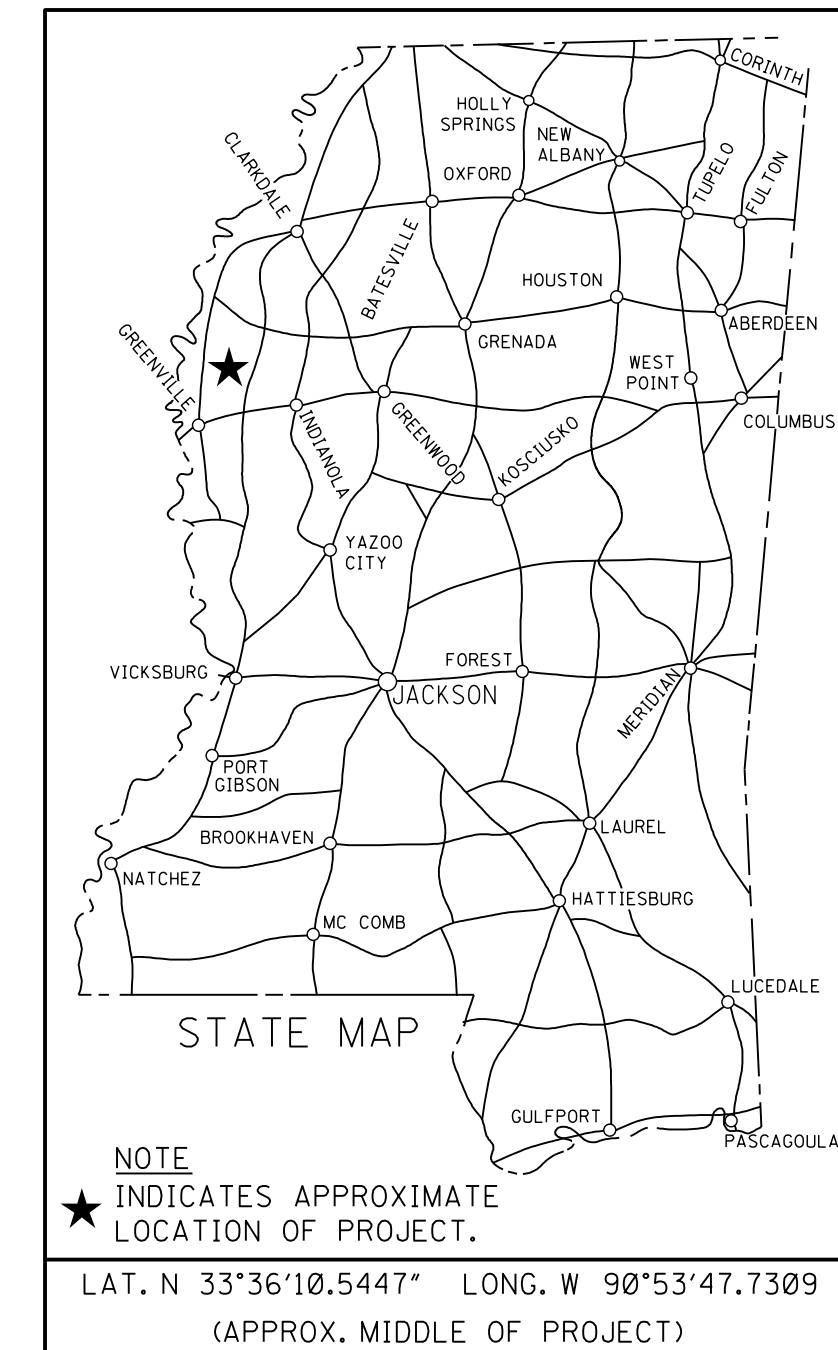
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP/EXB-0610-00(017)

HWY 448 BRIDGE SITES 5.5, 8.5, 12.3, 13.3 BOLIVAR COUNTY

**FMS P.E. 100444 /1000
FMS ROW 100444 /202000
FMS CONST. 100444 /301000**



BEGINNING OF PROJECT
STA. 49 + 50.00

SCALES

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

END OF PROJECT
STA. 474 + 80

BRIDGE STRUCTURES REQ'D.

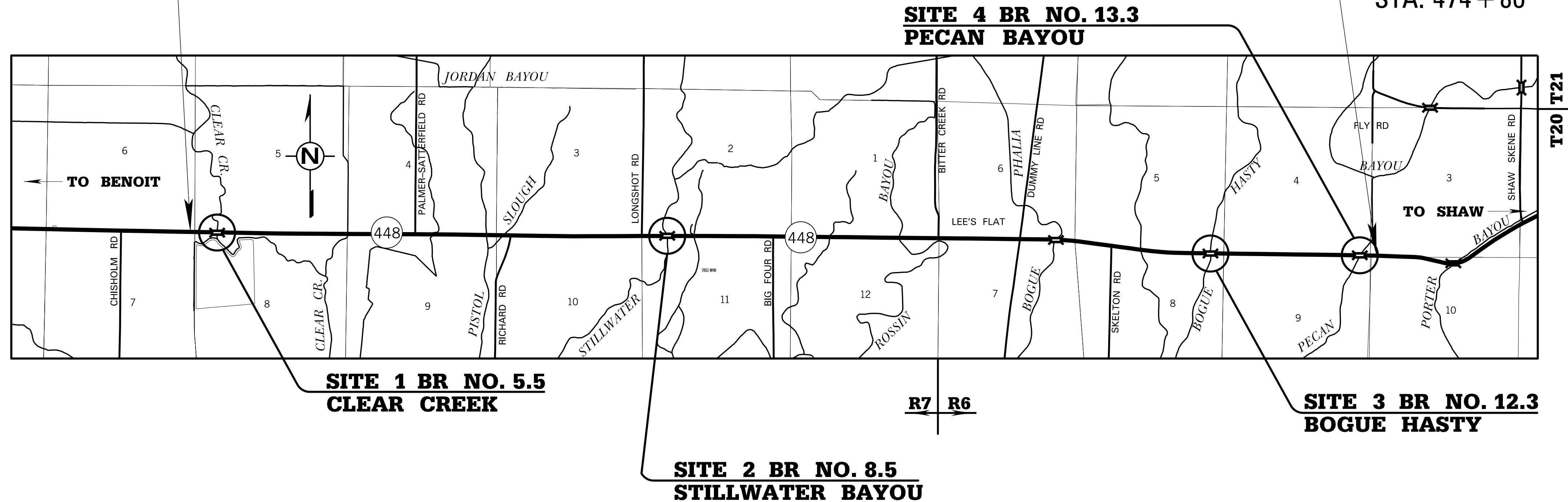
**SITE 1
BRIDGE NO. 5.5
STA. 56 + 22.21 TO STA. 58 + 63.79
SPANS: 2@40', 1@80', 2@40'
TOTAL LENGTH: 241.58 FT**

**SITE 2
BRIDGE NO. 8.5
STA. 217 + 65.21 TO STA. 219 + 86.80
SPANS: 2@40', 1@60', 2@40'
TOTAL LENGTH: 221.59 FT**

**SITE 3
BRIDGE NO. 12.3
STA. 412 + 57.88 TO STA. 414 + 80.13
SPANS: 1@60'-1@100'-1@60'
TOTAL LENGTH: 222.25 FT**

BOX BRIDGES REQ'D.

**SITE 4
BRIDGE NO. 13.3
STA. 467 + 51
DBL 20' X 12' BOX CULVERT
TOTAL LENGTH: 48.48 FT**



DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2012) = 300 ; ADT (2032) = 450
DHV = 50 ; D = 60 % T = 16 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" 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: _____ DATE: _____

GPS CONTROL NOTES

HORIZONTAL DATUM:	MS WEST ZONE (US SURVEY FEET)	
HORIZONTAL MONUMENT	NORTH	EAST
GLHARP	2097578.56	1448860.25
NOLA	2192100.16	1447532.10
X 240	2099579.41	1545665.00

VERTICAL DATUM:	(US SURVEY FEET)	
VERTICAL MONUMENT	ELEVATION	
NOLA	119.56	
X 240	138.45	

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999982165
GRID TO GEODETIC AZIMUTH	-0°18' 50.36912"

EQUATIONS
NONE

LENGTH DATA

LENGTH OF ROADWAY	41,795.916 FT.	7.916 MI.
LENGTH OF BRIDGES	733.890 FT.	0.139 MI.
LENGTH OF PROJECT (NET)	42,529.806 FT.	8.055 MI.
LENGTH OF EXCEPTIONS	36,136.199 FT.	6.844 MI.
LENGTH OF PROJECT (GROSS)	6393.607	1.211 MI.

EXCEPTIONS

STA. 66 + 77.281 TO STA. 210 + 50.000
STA. 226 + 67.601 TO STA. 405 + 00.000
STA. 421 + 68.919 TO STA. 461 + 00.000



ROADWAY DESIGN

P S & E DATE: 03 /08 /17

APPROVED:	DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR	

DATE: _____



4/18/2017 3:35 PM TITLE.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP/EXB-0610-00(017)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	EROSION CONTROL PLAN (8)		
DETAILED INDEX AND GENERAL NOTES (4)			SITE 1 - MAINLINE	ECP-3	55
DETAILED INDEX	DI-1	2	SITE 1 - DETOUR	ECP-3A	56
DETAILED INDEX	DI-2	3	SITE 2 - MAINLINE	ECP-4	57
GENERAL NOTES	GN-1	4	SITE 2 - DETOUR	ECP-4A	58
GENERAL NOTES	GN-2	5	SITE 3 - MAINLINE	ECP-5	59
			SITE 3 - DETOUR	ECP-5A	60
			SITE 4 - MAINLINE	ECP-6	61
			SITE 4 - DETOUR	ECP-6A	62
TYPICAL SECTION SHEETS (3)					
NEW CONSTRUCTION AND DETOUR- SITES 1 - 4	TS-1	6	SPECIAL DESIGN SHEETS (49)		
WIDEN AND OVERLAY AND REMOVAL OF DETOUR ROAD - SITES 1 - 4	TS-2	7	VEGETATION SCHEDULE	VS-1	63
MISCELLANEOUS TYPICAL SECTION DETAILS FOR TWO-WAY ROADWAYS	TS-3	8	RIGHT-OF-WAY MARKERS - SITE 1	RWC-1	64
			RIGHT-OF-WAY MARKERS - SITE 2	RWC-2	65
QUANTITY SHEETS (15)			RIGHT-OF-WAY MARKERS - SITE 3	RWC-3	66
SUMMARY OF QUANTITIES	SQS-1	9	RIGHT-OF-WAY MARKERS - SITE 4	RWC-4	67
SUMMARY OF QUANTITIES	SQS-2	10	33.5" BRIDGE END PAVEMENT RAIL	BEPR-1B	68
SUMMARY OF QUANTITIES	SQS-3	11	BRIDGE END PAVEMENT (WITH RAIL, OVERLAY, AND SLEEPER SLAB)	BEPR-SS	69
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1	12	TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	70
ESTIMATED QUANTITIES - REMOVAL ITEMS, ESTIMATED EROSION CONTROL	EQ-1	13	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	71
ESTIMATED QUANTITIES - EARTHWORK	EQ-2	14	DETAILS OF SILT FENCE INSTALLATION	ECD-3	72
ESTIMATED QUANTITIES - EARTHWORK CONT'D	EQ-3	15	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	73
ESTIMATED QUANTITIES - PAVEMENT MARKINGS, BRIDGE END PAVEMENT	EQ-4	16	TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY		
ESTIMATED QUANTITIES - GUARD RAIL	EQ-5	17	BALE DITCH CHECKS	ECD-5	74
ESTIMATED QUANTITIES - DRIVEWAYS	EQ-6	18	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	75
ESTIMATED QUANTITIES - SIDE DRAINS	EQ-7	19	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	76
ESTIMATED QUANTITIES - BOX BRIDGES, DRAINAGE STRUCTURES	EQ-8	20	ROCK DITCH CHECK	ECD-8	77
SUMMARY OF TRAFFIC CONTROL ITEMS	EQ-9	21	ROCK FILTER DAM	ECD-9	78
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ-10	22	ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	79
SUMMARY OF CULVERT HYDRAULIC DESIGN	HD-1	23	INLET PROTECTION: TYPICAL APPLICATIONS AND DETAILS	ECD-11	80
			INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS	ECD-12	81
PLAN AND PROFILE SHEETS (8)			INLET PROTECTION DETAILS OF WATTLES	ECD-13	82
SITE 1 MAINLINE	3	24	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	83
SITE 1 DETOUR	3A	25	INLET PROTECTION DETAILS OF SAND BAG	ECD-15	84
SITE 2 MAINLINE	4	26	STABILIZED CONSTRUCTION ENTRANCE	ECD-16	85
SITE 2 DETOUR	4A	27	TEMPORARY CULVERT STREAM CROSSING	ECD-17	86
SITE 3 MAINLINE	5	28	TEMPORARY STREAM DIVERSION	ECD-18	87
SITE 3 DETOUR	5A	29	TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-19	88
SITE 4 MAINLINE	6	30	FLOATING TURBIDITY CURTAIN	ECD-20	89
SITE 4 DETOUR	6A	31	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	90
			SEDIMENT RETENTION BARRIER	ECD-22	91
TRAFFIC CONTROL PLAN (15)			DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	92
PHASE 1 - TRAFFIC CONTROL TYPICAL SECTION	TCTS-1	32	DITCH TREATMENT - INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	93
PHASE 1 - TRAFFIC CONTROL PLANS - SITE 1	TC1-1	33	GUARDRAIL: RUB RAIL HARDWARE	GR-RR	94
PHASE 1 - TRAFFIC CONTROL PLANS - SITE 2	TC1-2	34	GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)	GR-2F	95
PHASE 1 - TRAFFIC CONTROL PLANS - SITE 3	TC1-3	35	GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)	GR-2G	96
PHASE 1 - TRAFFIC CONTROL PLANS - SITE 4	TC1-4	36	EROSION CONTROL	EC-1	97
PHASE 2 - TRAFFIC CONTROL TYPICAL SECTION	TCTS-2	37	EROSION CONTROL BLANKET	ECB-1	98
PHASE 2 - TRAFFIC CONTROL PLANS - SITE 1	TC2-1	38	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	TEC-2	99
PHASE 2 - TRAFFIC CONTROL PLANS - SITE 2	TC2-2	39	TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)	TEC-3	100
PHASE 2 - TRAFFIC CONTROL PLANS - SITE 3	TC2-3	40	SUPERELEVATION CASE I: ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	101
PHASE 2 - TRAFFIC CONTROL PLANS - SITE 4	TC2-4	41	SUPERELEVATION RUNOFF CASE I: ROTATION ABOUT CENTERLINE	SDRO-1	102
PHASE 3 - TRAFFIC CONTROL TYPICAL SECTION	TCTS-3	42	ROW-OF-WAY MARKER	RW-1	103
PHASE 3 - TRAFFIC CONTROL PLANS - SITE 1	TC3-1	43	GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS	TGR-1	104
PHASE 3 - TRAFFIC CONTROL PLANS - SITE 2	TC3-2	44	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	SDTCP-10	105
PHASE 3 - TRAFFIC CONTROL PLANS - SITE 3	TC3-3	45	BREAKAWAY SIGN SUPPORTS	SDSN-6B	106
PHASE 3 - TRAFFIC CONTROL PLANS - SITE 4	TC3-4	46	TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SDSN-8	107
			SIGNING DETAILS FOR TWO LANE & FOUR LANE BRIDGE APPROACHES	BSD-1	108
			TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	109
			LOCATION OF R16-3 SIGNS	SSD-1	110
			2-LANE, 2-WAY CLEAR RAISED PAVEMENT MARKERS PLACED ON SIDE ROADS	CRPMSR-2	111
CONSTRUCTION SIGNING PLANS (4)					
CONSTRUCTION SIGNING - SITE 1	CS-1	47			
CONSTRUCTION SIGNING - SITE 2	CS-2	48			
CONSTRUCTION SIGNING - SITE 3	CS-3	49			
CONSTRUCTION SIGNING - SITE 4	CS-4	50			
PAVEMENT MARKINGS DETAIL SHEETS (4)					
PAVEMENT MARKINGS - SITE 1 STA. 49+50.000 TO STA. 66+77.281	PMD-1	51			
PAVEMENT MARKINGS - SITE 2 STA. 210+50.000 TO STA. 226+67.601	PMD-2	52			
PAVEMENT MARKINGS - SITE 3 STA. 405+00.000 TO STA. 421+68.919	PMD-3	53			
PAVEMENT MARKINGS - SITE 4 STA. 461+00.000 TO STA. 474+79.806	PMD-4	54			

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ROADWAY DESIGN

PS & E PLANS- 03/08/2017		
FMS CON. # 100444/301000		
REVISIONS		
DATE	SHEET NO.	BY
4/18/17	9,10,11,13,16,21,63,71	MJW

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		
FILENAME: DI.DGN DESIGN TEAM PICKERING CHECKED DATE 03/08/17	WORKING NUMBER DI-1	SHEET NUMBER 2

STATE	PROJECT NO.
MISS.	STP/EXB-0610-00(017)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

PERMANENT SIGNING PLAN (4)

SITE 1 - STA. 49+50.000 TO STA. 66+77.281	PSP-1	1001
SITE 1 - STA. 210+50.000 TO STA. 226+67.601	PSP-2	1002
SITE 2 - STA. 405+00.000 TO STA. 421+68.919	PSP-3	1003
SITE 3 - STA. 461+00.000 TO STA. 474+79.806	PSP-4	1004

STANDARD DRAWINGS (ROADWAY) (25)

PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS (REVISED 12-01-1999)	PM-1	6120
GUARD RAIL: "W" BEAM (WOOD POSTS) (REVISED 03-01-2012)	GR-1	6180
GUARD RAIL: THRIE BEAM (WOOD POSTS) (REVISED 03-01-2002)	GR-1A	6181
GUARD RAIL: "W" BEAM (STEEL POSTS) (REVISED 03-01-2002)	GR-1B	6182
GUARD RAIL: MODIFIED THRIE BEAM (STEEL POSTS) (REVISED 03-01-2002)	GR-1C	6183
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE) (REVISED 03-01-2002)	GR-3	6192
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING) (REVISED 03-01-2002)	GR-3A	6193
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY (REVISED 12-01-1999)	GR-4A	6195
GUARD RAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAYS (REVISED 03-01-2002)	GR-4D	6198
GUARD RAIL: MISCELLANEOUS HARDWARE (REVISED 03-01-2002)	GR-HW	6202
STANDARD ROADSIDE SIGNS	SN-3A	6223
STANDARD ROADSIDE SIGNS (REVISED 03-01-2002)	SN-3B	6224
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	6225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6226
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	6227
TYPICAL GUARDRAIL DELINEATION (REVISED 03-01-2002)	SN-8C	6236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-WAY CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6250
TRAFFIC CONTROL PLAN: MOBILE OPERATIONS MULTILANE ROADS & TWO-LANE ROADS	TCP-11	6260
TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS	TCP-14	6263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-15	6264
RURAL DRIVEWAYS	RD-1	6271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	6272
PIPE CULVERT INSTALLATION	PI-1	6300
CONCRETE PIPE COLLAR	PC-1	6301
FLARED END SECTION FOR CONCRETE PIPE	FE-1	6328

STANDARD DRAWING (BOX BRIDGE) (12)

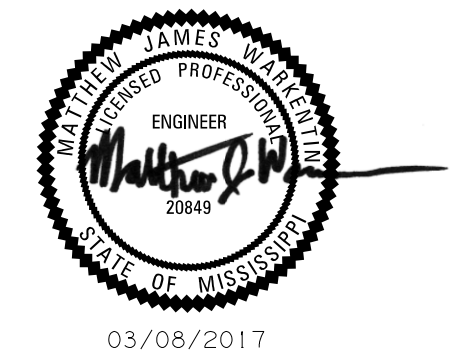
BASIC CULVERT DRAWING: BARREL JOINT LOCATIONS (GROUP III)	IBJL-1	7007
COLLAR DETAILS FOR BOX STRUCTURES (SINGLE AND DOUBLE)	ICJ-1	7008
SKewed COLLAR DETAILS FOR BOX STRUCTURES (SINGLE AND DOUBLE)	ICJS-1	7009
BASIC BARREL DETAILS: DOUBLE CELL, HEIGHT 12FT, SPAN 24-40FT	IBD-12	7124
BASIC BARREL DETAILS: DOUBLE CELL, HEIGHT 12FT, SPAN 24-40FT	IBD-12	7125
BASIC BARREL DETAILS: DOUBLE CELL, HEIGHT 12FT, SPAN 24-40FT	IBD-12	7126
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT : DOUBLE CELL, HEIGHT 6-12FT, SPAN 12-40FT	IWD-3W-30	7185
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT : DOUBLE CELL, HEIGHT 6-12FT, SPAN 12-40FT	IWD-3W-30	7186
BOX CULVERT DRAWING: WINGS WITH 3:1 SIDE SLOPE, DOUBLE CELL, 30 SKEW DETAILS, HEIGHT 12FT, SPANS 24-40FT	IWD-12-3W-30	7196
BOX CULVERT DRAWING: WINGS WITH 3:1 SIDE SLOPE, DOUBLE CELL, 30 SKEW DETAILS, HEIGHT 12FT, SPANS 24-40FT	IWD-12-3W-30	7197
BOX CULVERT DRAWING: WINGS WITH 3:1 SIDE SLOPE, DOUBLE CELL, 30 SKEW DETAILS, HEIGHT 12FT, SPANS 24-40FT	IWD-12-3W-30	7198
BOX CULVERT DRAWING: WINGS WITH 3:1 SIDE SLOPE, DOUBLE CELL, 30 SKEW DETAILS, HEIGHT 12FT, SPANS 24-40FT	IWD-12-3W-30	7199

CROSS SECTIONS (95)

SITE 1	9001-9026
SITE 2	9027-9053
SITE 3	9054-9079
SITE 4	9080-9095

TOTAL EXCLUDING BRIDGE SHEETS = 246

BRIDGE SHEET
NOTE: SEE SHEET DI-BR FOR DETAILS



ROADWAY DESIGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
COUNTY: BOLIVAR	WORKING NUMBER DI-2
PROJ. NUM.: STP/EXB-0610-00(017)	SHEET NUMBER 3
FILENAME: DI.DGN	DATE 03/08/17
DESIGN TEAM PICKERING	CHECKED DATE 03/08/17

4/18/2017 3:35 PM DI.DGN

ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	STP/EXB-0610-00(017)

GENERAL NOTES

GENERAL NOTES (CONT.)

- (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) 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 COMPLETELY 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. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO 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) 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.
- (11) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (12) FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO. ICJ-1 AND ICJS-1 FOR DETAILS).
- (13) LIST OF PUBLIC UTILITIES
 - A. TELEPHONE: AT&T CONTACT: EDDIE HOLLIS (662)385-5181
 - B. WATER: BOYLE SKEEN WATER CORP. CONTACT: LEE SAXTON (662)843-2320
 - C. ELECTRIC: DELTA ELECTRIC CONTACT: LARRY MCCLAIN (662)458-7351
- (14) ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- (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 BID ITEMS.
- (18) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (19) THE CLEARING LIMITS ADJACENT TO THE STREAMS AT STATIONS:56+23, 57+50 (SITE 1), 217+66, 218+75 (SITE 2), 412+59, 413+50 (SITE 3), 467+51 (SITE 4) 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 BANKS.
- (20) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE
- (21) ROADWAY SIGNS AND MAILBOXES THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED OR RELOCATED AND MAINTAINED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (22) 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.
- (23) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (24) 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.
- (25) 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.
- (26) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (27) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (28) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION AND MAINTENANCE OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (29) 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.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
COUNTY: BOLIVAR	WORKING NUMBER
PROJ. NUM.: STP/EXB-0610-00(017)	GN-1
FILENAME: GN.DGN	SHEET NUMBER
DESIGN TEAM PICKERING CHECKED	4
DATE 03/08/17	




STATE	PROJECT NO.
MISS.	STP/EXB-0610-00(017)

GENERAL NOTES

- (30) 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.
- (31) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (32) 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.
- (33) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (34) FLARED TERMINAL END SECTIONS SHALL BE FLEAT-350, REGENT, SRT-350, ROSS-350 OR APPROVED EQUAL. NON-FLARED TERMINAL END SECTIONS SHALL BE ET-2000, SKT-350, OR APPROVED NON-FLARED EQUAL (EXCEPT ET-PLUS).
- (35) THE COST OF REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.

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REVISION	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
DATE	DESIGN TEAM	COUNTY: BOLIVAR	 WORKING NUMBER GN-2
		PROJ. NUM.: STP/EXB-0610-00(017)	
FILENAME: GN.DGN		DESIGN TEAM PICKERING	CHECKED
DATE 03/08/17			