#### MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0014-02(083)

U.S. 98 PEARL RIVER BRIDGE TO JCT S.R. 198 MARION COUNTY

**SCALES** 

LAYOUT

FMS CON. NO. 107733/301000



BRIDGE STRUCTURES REQ'D.

**GENERAL INDEX** 

ROADWAY ..... 1

PERMANENT SIGNS ......1001

TRAFFIC SIGNALS ......2001

ITS COMPONENTS ......3001

LIGHTING ......4001

ROADWAY STANDARD DWGS ......6001

BOX CULVERT STD. DRAWINGS (LRFD) .... 7001

BOX CULVERT STD. DRAWINGS (STD. SPEC.)7501

BRIDGE .....8001

CROSS SECTIONS ......9001

**INCLUDED** 

**PROJECT** 

**THIS** 

**BEGIN** 

WITH

**SHEET** 

NONE

TO HATTIESBURG -> E.O.P. STA. 303 + 50

1 IN. = 135 FT.

# DESIGN CONTROL

PERMITS ACQUIRED BY MDOT

STATE MAP

, INDICATES APPROXIMATE LOCATION OF PROJECT.

PROJECT NUMBER

STP-0014-02(083)

WETLANDS AND	WATERS PERMI	TS
	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N
STORMWATER	PERMIT [	N
Y REQUIRED, CNOI SU (DISTURBED A	JBMITTED BY MC AREA = 5 ACRES)	00T
S REQUIRED, SCNOIT CONTRACTOR (	O BE SUBMITTEI 1 TO 4.99 ACRES	O BY S)
N NO STORMWATER PER	MIT REQUIRED (	<1 ACRE)
APPROVED BY:	_	

#### BOX BRIDGES REQ'D. NONE

B.O.P. STA. 84 + 71.12

TO FOXWORTH₩

#### **CONVENTIONAL SYMBOLS**

COUNTY LINE	
TOWN CORPORATION LINE	
SECTION LINE 5	_ \$\$
EXISTING ROAD OR TRAVELED WAY	
PROPOSED ROAD OR TRAVELED WAY	
RAILROAD	
SURVEY LINE	•
BRIDGES	$\dashv$

#### **EQUATIONS**

125 + 26.988 BK = 125 + 32.460 AH (5.48) 156 + 43.490 BK = 156 + 73.570 AH (40.08) 244 + 63.410 BK = 244 + 61.650 AH (-1.76) 272 + 49.432 BK = 272 + 65.340 AH (15.91)

125 + 27.164 BK = 125 + 32.460 AH (5.30) 244 + 55.430 BK = 244 + 61.650 AH (9.22) 272 + 61.650 BK = 272 + 65.340 AH (3.69)

3.837 MI.

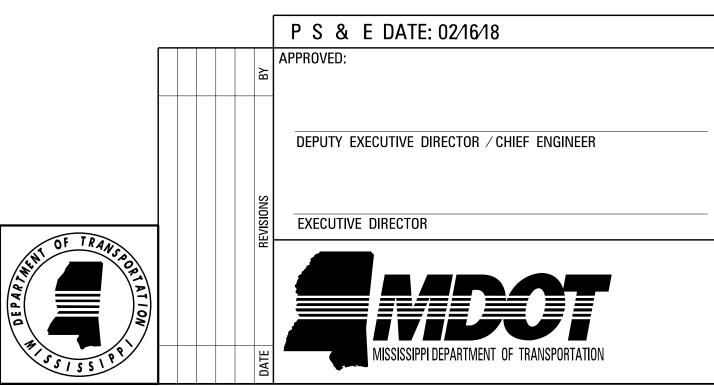
3.928 MI.

### LENGTH DATA

LENGTH OF ROADWAY LENGTH OF BRIDGES 20,741 LENGTH OF PROJECT (NET) LENGTH OF EXCEPTIONS 20,741 LENGTH OF PROJECT (GROSS)

#### **EXCEPTIONS**

NONE



FMS CON: 107733/301000

SH. NO.

STATE PROJECT NO.
MISS. STP-0014-02(083)

DESCRIPTION OF SHEET

WKG. NO.

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE AND LAYOUT SHEET (1)		1
DETAIL INDEX (1) GENERAL NOTES (1)	DI-1 GN-1	2 3
TYPICAL SECTION (MAINLINE) TYPICAL SECTION (MAINLINE)	TS-1 TS-2	4 5
QUANTITY SHEETS (4) SUMMARY OF ESTIMATED QUANTITIES SUMMARY OF ESTIMATED QUANTITIES ESTIMATED QUANTITIES FOR HWY 98 ESTIMATED GUARDRAIL QUANTITIES ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNING	SQ-1 SQ-1 EQ-1 EQ-2 TCPQ-1	6 7 8 9 1Ø
PLAN - PROFILE SHEETS (8) STA. 84+71.12 - STA. 115+00 STA. 115+00 - STA. 145+00 STA. 145+00 - STA. 175+00 STA. 175+00 - STA. 205+00 STA. 205+00 - STA. 235+00 STA. 235+00 - STA. 265+00 STA. 265+00 - STA. 303+50	WK3 WK4 WK5 WK6 WK7 WK8 WK9	11 12 13 14 15 16 17
SPECIAL DESIGN SHEETS (9) A  DETAIL CONSTRUCTION SIGNS GUARDRAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS GUARDRAIL TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS DETAIL FOR CURB AND ISLAND STRIPING TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS DETAIL STRIPING FOR CHANNELIZED INTERSECTIONS TRAFFIC SIGNAL LOOPS TRAFFIC SIGNAL LOOPS ASTRIPING DETAIL	DCS-1 GR-4-MOD GR-4D-MOD DCIS-1 SDXO-1 PMD-1 TSL-1 TSL-2 TSL-3 SD-1	19 20 21 22 23 24 25 26 27 28
STANDARD DRAWINGS (10) A PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED ROADWAYS PAVEMENT MARKING LEGEND DETAIL PAVEMENT MARKING LEGEND DETAIL TYPICAL CROSSOVER DEINEATION TRAFFIC CONTROL PLAN WITH FLAGGER TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65MPH HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS TRAFFIC CONTROL PLAN MOBILE OPERATIONS MUTILANE ROADS AND TWO-LANE OPERATIONS TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE RURAL DRIVEWAYS	PM-1 PM-5 PM-6 SN-8B TCP-1 TCP-2 TCP-8 TCP-9 TCP-13 TCP-13	6Ø51 6Ø55 6Ø56 63151 63352 63359 6363 6363 6363 6363

1st O.REV.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PS & E PLANS-DATE 2-6-18

FMS CON. # 107733/301000

REVISIONS

DATE SHEET NO. BY

2-6-18 2, 3, 4, 5, 9, 11, 15, 24 SG

28

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	PROJ. NO.: STP-0014-02(083)
	PROJ. NO.: STP-0014-02(083) COUNTY: MARION

COUNTY: MARION

FILENAME: (02)SRV-DI

CHECKED DATE

DI-1 Sheet number 2

#### GENERAL NOTES

- 1 THE LOCATION AND SPACING OF SIGNS AS 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 6 OF THE MUTCD (LATEST EDITION).
- 3 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.
- 4 ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR SUITABLE MATERIAL.
- 5 ALL SIGNS AND DELINEATORS THAT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RESET BY THE CONTRACTOR; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- THE GRASS ON EXISTING SHOULDERS SHALL BE REMOVED PRIOR TO THE PLACEMENT OF SHOULDER MATERIAL BY LIGHTLY BLADING OR CLOSELY MOWING; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- WHERE MILLING OF THE ROADWAY IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDER AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON MILLED SURFACE; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC., 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.
- THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKERS PRIOR TO PLACING ASPHALT; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- TEMPORARY STRIPING IS REQUIRED IMMEDIATELY AFTER THE OVERLAYING OPERATION; OR PRIOR TO OPENING THE AREA TO TRAFFIC. TEMPORARY STRIPING SHALL BE PLACED IN THE SAME LOCATION AND LAYOUT AS PERMANENT STRIPE.
- ALL ASPHALT AND CONCRETE CURBS ALONG RAMPS, LOCAL ROADS, ETC. FROM B.O.P. TO E.O.P. SHALL BE PAINTED (TWO APPLICATIONS) WITH WHITE TRAFFIC PAINT AND TRAFFIC BEADS; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- IF THE ASPHALT CURB ALONG THE LOCAL ROAD IS SEVERELY DAMAGED, THE ENTIRE ASPHALT CURB WILL BE REMOVED AS DIRECTED BY THE ENGINEER; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- (13) ALL LOCAL ROADS TO BE PAVED TO THE R.O.W. LIMITS OR AS DIRECTED BY THE ENGINEER.
- BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NO LONGER BE MAILED. ALL ADDENDA FOR THIS PROJECT WILL BE POSTED ON WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT. PLEASE ONTACT CONTRACT ADMINISTRATION DIVISION AT 601–359–7700 FOR ANY QUESTIONS REGARDING ELECTRONIC ADDENDA.
- GRANULAR MATERIAL WILL NOT BE ALLOWED TO BE PLACED DIRECTLY ON THE SURFACE LIFT OF ASPHALT, BUT MUST BE PLACED DIRECTLY ON THE GRAVEL SHOULDER OR A ROAD WIDENER MACHINE USED AND APPROVED BY THE PROJECT ENGINEER.
- (16) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURE.

#### GENERAL NOTES (CONT.)

- 17 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.
- 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.
- 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.
- 20 ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL GUIDE SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT\*S PROJECT ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR CUTTING THE LOOPS AND TIE—INS INTO THE SHIELDED CABLE INSIDE THE PULLBOX.
- THE CONTRACTOR SHALL NOTIFY TRAFFIC ENGINEERING AT 601—359—1454 UPON COMPLETIONOF CUTTING LOOPS, SO THAT NECESSARY MODIFICATIONS TO THE TRAFFIC SIGNAL CABINET CAN BE MADE TO ENSURE LOOP FUNCTIONALITY.
- © COLD PLASTIC OR INVERTED PROFILE STRIPE WILL NOT BE REQUIRED ON THE EAST BOUND PEARL RIVER BRIDGE.
- AS DIRECTED BY THE ENGINEER WITHIN THE R.O.W. LIMITS.

