

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-0055-04(104)	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 checked="" 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 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. BR-0055-04(104)

## I-55 TWIN BRIDGE REPLACEMENT OVER S.R. 306 TATE COUNTY

FMS 107420/301000

**SCALES**

PLAN	1 IN. = 50 FT.
PROFILE	HOR. 1 IN. = 50 FT.
	VERT. 1 IN. = 5 FT.
LAYOUT	1 IN. = 1500 FT.

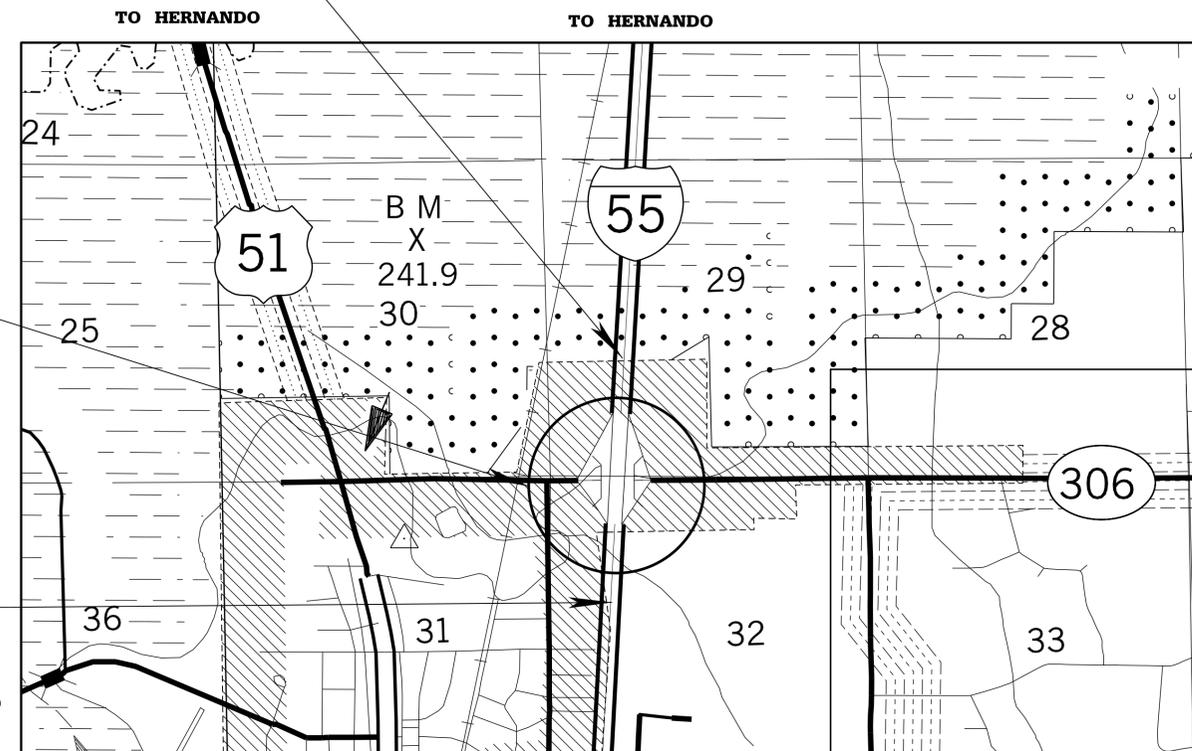
**BRIDGE STRUCTURES REQ'D.**  
I-55 STA. 645+29.790 TO STA. 646+33.870  
1 @ 102 FT.  
LENGTH ALONG  $\mathcal{C}$  = 104.08 FT.

**BOX BRIDGES REQ'D.**  
N/A

**BRIDGE SITE**

**B.O.P.**  
625+47

**E.O.P.**  
666+03



**EQUATIONS**  
N/A

**EXCEPTIONS**  
N/A

LENGTH OF ROADWAY	4056.000 FT.	0.768 MI.
LENGTH OF BRIDGES	104.080 FT.	0.020 MI.
LENGTH OF PROJECT (NET)	3951.920	0.748 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	3951.920	0.748 MI.

**GPS CONTROL NOTES**

HORIZONTAL DATUM: NAD 83(2007) MS WEST ZONE (US SURVEY FEET)

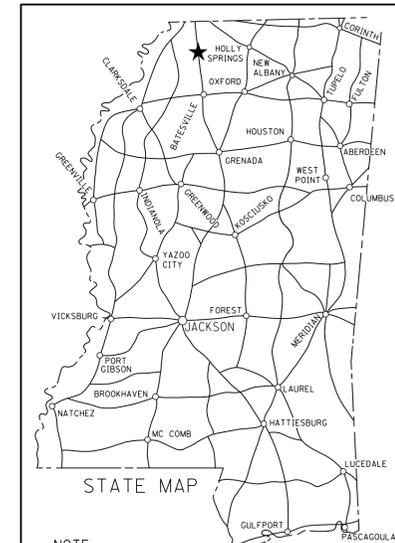
HORIZONTAL MONUMENT	NORTH	EAST
ARKABUTLA	1920826.055	2361596.787
GR34309000	1822835.023	2402884.886
LOOXAHOMA	1862430.950	2440248.565

VERTICAL DATUM: NAVD 88 (US SURVEY FEET)

VERTICAL MONUMENT	ELEVATION
L 37 RESET 1941	242.00

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999955715
GRID TO GEODETIC AZIMUTH	0°12'33.78718" @ PT 317



NOTE  
★ INDICATES APPROXIMATE LOCATION OF PROJECT.  
LAT. 34°41'59.11"N LONG. 89°57'55.03"W  
(APPROX. MIDDLE OF PROJECT)

**DESIGN CONTROL**

70 MPH = V (SPEED DESIGN)

ADT (2018) = 35000 ; ADT (2038) = 46000  
DHV = 4600 ; D = 60 % T = 15 %

**PERMITS ACQUIRED BY MDOT**

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

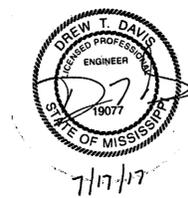
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

\* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

**STORMWATER PERMIT**

Y REQUIRED, SC01 SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)  
S REQUIRED, SC01 TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)  
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: \_\_\_\_\_



P S & E DATE: 7 / 19 / 17

APPROVED:	_____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	_____
EXECUTIVE DIRECTOR	_____

**MDOT**  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/19/2017 8:03:07 AM DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	BR-0055-04(104)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	SPECIAL DESIGN SHEETS (85)		
DETAILED INDEX & GENERAL NOTES (4)			FORM GRADES - NB-CROSSOVER	FG-NB-1	52
DETAILED INDEX	DI-1	2	FORM GRADES - NB-CROSSOVER	FG-NB-2	53
DETAILED INDEX	DI-2	3	FORM GRADES - NB-CROSSOVER	FG-NB-3	54
GENERAL NOTES	GN-1	4	FORM GRADES - NB-CROSSOVER	FG-NB-4	55
GENERAL NOTES	GN-2	5	FORM GRADES - SB-CROSSOVER	FG-SB-1	56
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			FORM GRADES - SB-CROSSOVER	FG-SB-3	58
			FORM GRADES - SB-CROSSOVER	FG-SB-4	59
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TYPICAL SECTION - CONCRETE REMOVAL AND RECONSTRUCTION I-55	TS-2	7	DETAIL OF CONSTRUCTION SIGNING - I-55	DCS-3	62
TYPICAL SECTION - FULL BUILDUP I-55	TS-3	8			
TYPICAL SECTION - WIDENING AND OVERLAY S.R. 306	TS-4	9			
TYPICAL SECTION - TEMPORARY CONSTRUCTION NB CROSSOVER	TS-5	10	TRAFFIC CONTROL PLAN - PHASE I	TCP-1	63
TYPICAL SECTION - TEMPORARY CONSTRUCTION SB CROSSOVER	TS-6	11	TRAFFIC CONTROL PLAN - PHASE I	TCP-2	64
TYPICAL SECTION - MISCELLANEOUS DETAILS - GUARD RAIL RAVEMENT	TS-7	12	TRAFFIC CONTROL PLAN - PHASE I	TCP-3	65
TYPICAL SECTION - MISCELLANEOUS DETAILS - CABLE RAILS	TS-8	13	TRAFFIC CONTROL PLAN - PHASE I	TCP-4	66
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SUMMARY OF QUANTITIES	SQ-2	15	TRAFFIC CONTROL PLAN - PHASE II	TCP-8	70
SUMMARY OF QUANTITIES	SQ-3	16	TRAFFIC CONTROL PLAN - PHASE II	TCP-9	71
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			TRAFFIC CONTROL PLAN - PHASE III	TCP-11	73
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ESTIMATED QUANTITIES - ROADWAY ITEMS	EQ-2	18	TRAFFIC CONTROL PLAN - PHASE III	TCP-13	75
ESTIMATED QUANTITIES - ROADWAY ITEMS	EQ-3	19	TRAFFIC CONTROL PLAN - PHASE III	TCP-14	76
ESTIMATED QUANTITIES - ROADWAY ITEMS	EQ-4	20	TRAFFIC CONTROL PLAN - PHASE III	TCP-15	77
ESTIMATED QUANTITIES - SIGNING ITEMS	EQ-5	21	TRAFFIC CONTROL PLAN - PHASE IV	TCP-16	78
ESTIMATED QUANTITIES - ROADWAY ITEMS	EQ-6	22	TRAFFIC CONTROL PLAN - PHASE IV	TCP-17	79
ESTIMATED QUANTITIES - ROADWAY ITEMS	EQ-7	23	TRAFFIC CONTROL PLAN - PHASE IV	TCP-18	80
ESTIMATED QUANTITIES - ROADWAY ITEMS	EQ-8	24	TRAFFIC CONTROL PLAN - PHASE IV	TCP-19	81
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ESTIMATED QUANTITIES - SUMMARY OF TRAFFIC CONTROL ITEMS	EQ-10	26	TRAFFIC CONTROL PLAN - PHASE V	TCP-21	83
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS			TRAFFIC CONTROL PLAN - PHASE V	TCP-22	84
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PLAN SHEET - I-55 - SB CROSSOVER	WK-5B	31			
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PROFILE SHEET - I-55 - SB CROSSOVER	WK-6B	34			
PLAN SHEET - I-55 AND S.R. 306	WK-7	35			
PLAN SHEET - I-55 AND S.R. 306 - NB CROSSOVER	WK-7A	36			
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PLAN/PROFILE SHEET - RETAINING WALL SOUTH	WK-15	51			

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9/19/17

VOLKERT, INC.		
PS & E PLANS - 7/19/17		
FMS CON. 107420-301000		
REVISIONS		
DATE	SHEET NO.	BY
9/19/17	5	JL

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJECT NO. BR-0055-04(104) COUNTY : TATE	
DATE	WORKING NUMBER
DESIGN TEAM	DI-1
VOLKERT	SHEET NUMBER
CHECKED	2
DATE	

STATE	PROJECT NO.
MISS.	BR-0055-04(104)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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			LIGHTING DETAILS	LP-6	4006
			POLE DATA TABLE	LP-7	4007
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DETAILS OF SILT FENCE INSTALLATION	ECD-3	100	PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED HIGHWAYS (12/01/99)	PM-1	6120
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	101	GUARDRAIL: BRIDGE END SECTION TYPE "H" (WOOD POSTS)	GR-2C	6187
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DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	103	GUARDRAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)	GR-3	6192
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	104	GUARDRAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	GR-3A	6193
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INLET PROTECTION - DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS	ECD-12	109	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6226
INLET PROTECTION DETAILS OF WATTLES	ECD-13	110	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	6227
INLET PROTECTION - DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	111	TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS	SN-5	6228
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PERMANENT SIGN PLANS - I-55 AND S.R. 306	PSP-2	1002			
PERMANENT SIGN PLANS - I-55	PSP-3	1003			
PERMANENT SIGNING DETAILS - I-55	PSD-1	1004			

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJECT NO. BR-0055-04(104) COUNTY : TATE	
WORKING NUMBER	DI-2
FILENAME: DI.DGN	SHEET NUMBER
DESIGN TEAM VOLKERT	CHECKED _____ DATE _____
	3





