

GENERAL INDEX

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STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-2705-00(005)

SR 182 BRIDGE REPLACEMENT OVER VERNON BRANCH [BRIDGE # 178.6] LOWNDES COUNTY

FMS CON. NO. 106978 /301000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE {	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 600 FT.

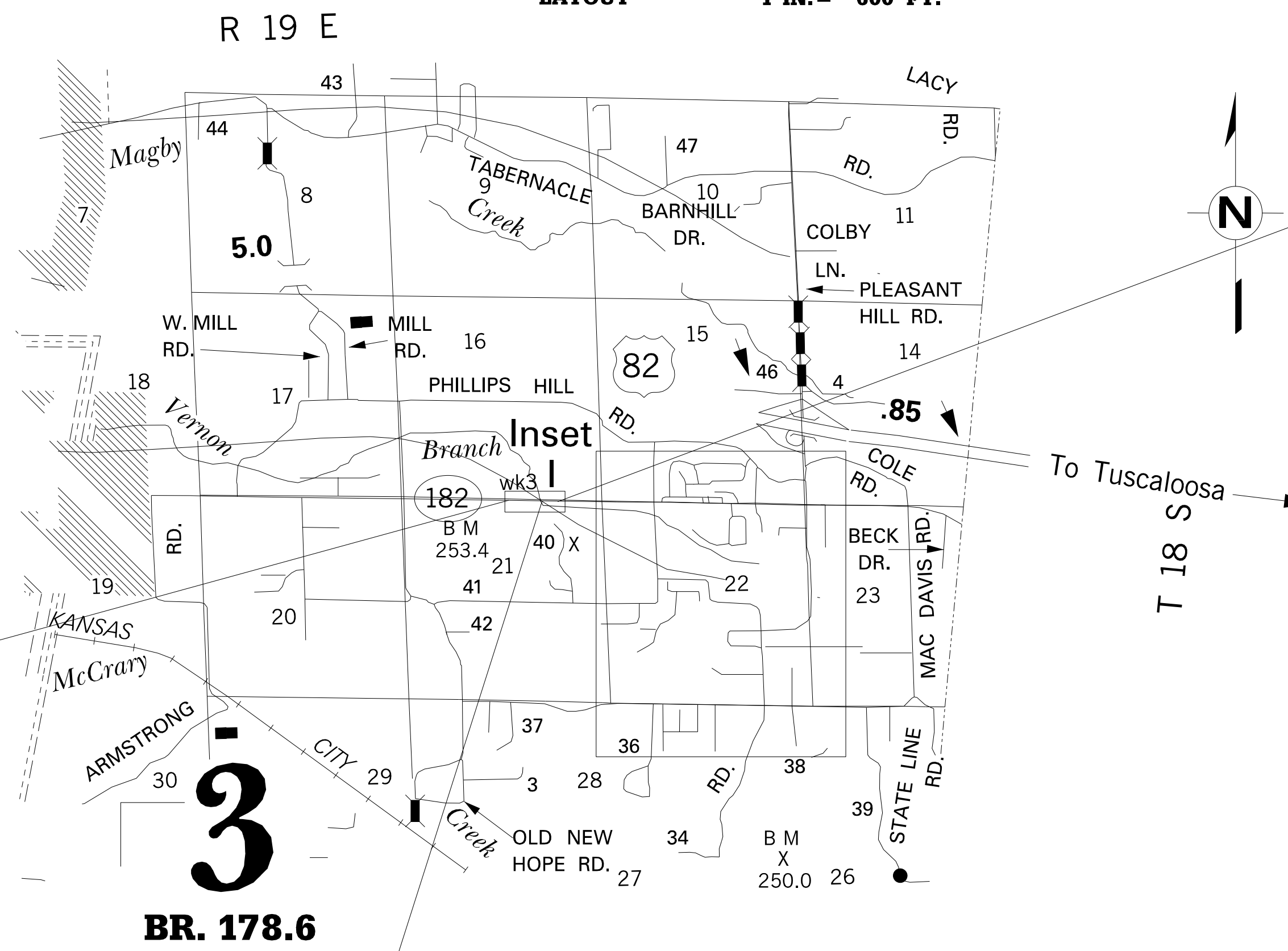
BRIDGE STRUCTURES REQ'D.

BRIDGE NO. 178.6
 STA. 1540 + 39.2083 TO STA. 1541 + 80.7917
 1@40', 1@60', 1@40' 3 SPAN BRIDGE
 141.5834' ALONG ζ
 SKEW = 0°

BOX BRIDGES REQ'D. NONE

BOP 1529 + 00

EOP 1549 + 00



EQUATIONS NONE

EXCEPTIONS NONE

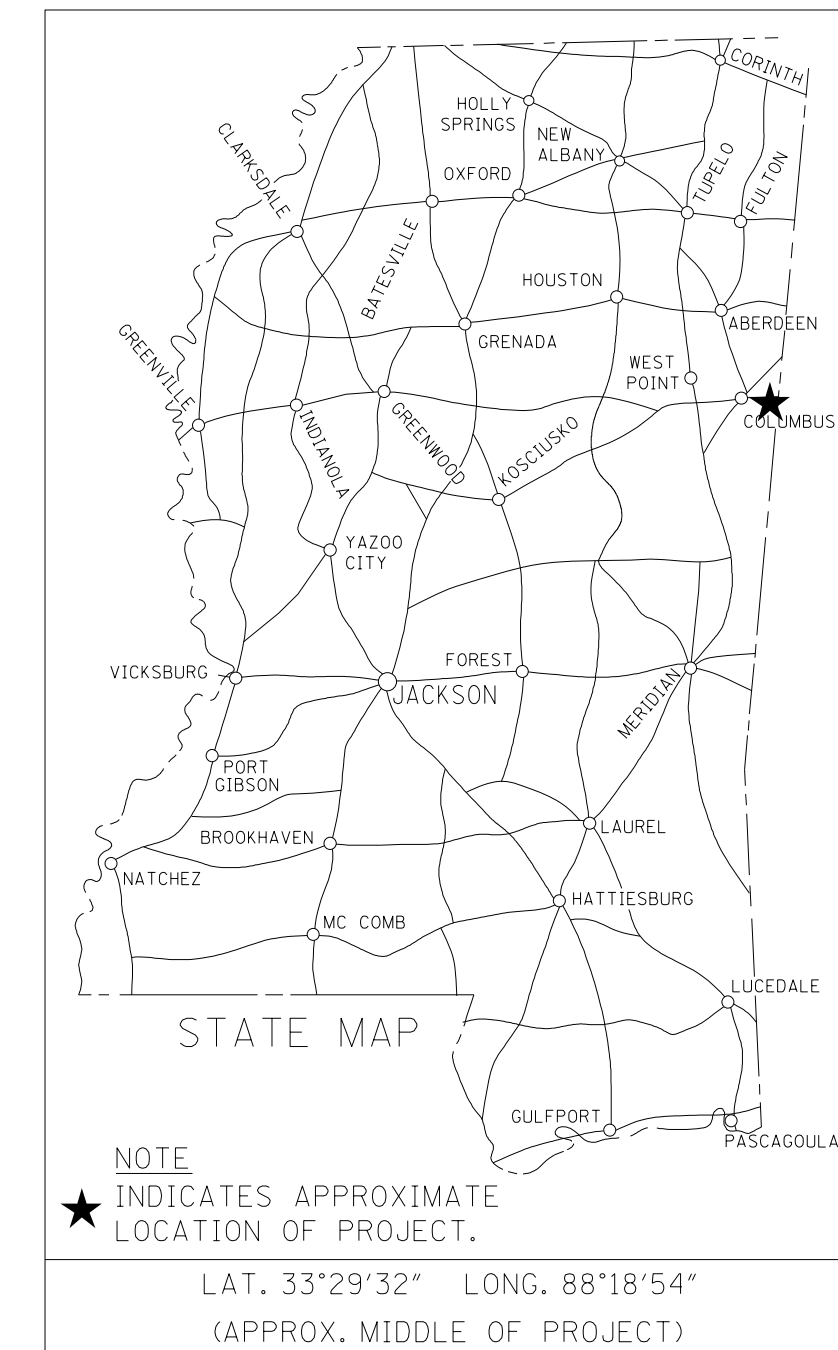
LENGTH DATA

LENGTH OF ROADWAY	1858.412 FT.	0.352 MI.
LENGTH OF BRIDGES	141.583 FT.	0.027 MI.
LENGTH OF PROJECT (NET)		0.379 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		0.379 MI.

CONVENTIONAL SYMBOLS

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

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-2705-00(005)	1



DESIGN CONTROL

60 MPH = V (SPEED DESIGN)

ADT (2018) = 3,600 ; ADT (2038) = 4,900
 DHV = 590 ; D = 60 % T = 10 %

PERMITS ACQUIRED BY MDOT

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

STORMWATER PERMIT

Y	REQUIRED, CNOI 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: 9-12-2018

APPROVED: _____

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

MDOT
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/30/2018 1:52 BKM 82-TITLE-106978-301.000

1st O.REV.

STATE	PROJECT NO.
MISS.	BR-2705-00(005)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
<u>TITLE SHEET (1)</u>		1	<u>STANDARD DRAWING - ROADWAY SHEETS (68)</u>		
<u>DETAILED INDEX & GENERAL NOTES (4)</u>					
DETAILED INDEX	DI-1	2	BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	BE-1	6007
DETAILED INDEX	DI-2	3	33.5 BRIDGE END PAVEMENT RAIL (33.5" RAIL HEIGHT)	BER-1	6009
GENERAL NOTES	GN-1	4	PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	PM-1	6051
GENERAL NOTES	GN-2	5			
<u>TYPICAL SECTION SHEETS (2)</u>					
TYPICAL SECTION SR 182 NEW CONSTRUCTION MAINLINE	TS-1	6	RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)	RS-1	6064
TYPICAL SECTIONS SR 182 WIDENING & OVERLAY MAINLINE	TS-2	7			
<u>QUANTITY SHEETS (10)</u>					
SUMMARY OF QUANTITIES (ROADWAY)	SQ-1	8	TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
SUMMARY OF QUANTITIES (ROADWAY)	SQ-2	9	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
SUMMARY OF QUANTITIES (ROADWAY)	SQ-3	10	DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
ESTIMATED QUANTITIES (ROADWAY)	EQ-1	11	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
ESTIMATED QUANTITIES (ROADWAY)	EQ-2	12	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5	6105
ESTIMATED QUANTITIES (ROADWAY)	EQ-3	13	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
ESTIMATED QUANTITIES (ROADWAY)	EQ-4	14	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
ESTIMATED QUANTITIES (ROADWAY)	EQ-5	15	ROCK DITCH CHECK	ECD-8	6108
ESTIMATED QUANTITIES (ROADWAY)	EQ-6	16	ROCK FILTER DAM	ECD-9	6109
ESTIMATED QUANTITIES - FOR TRAFFIC CONTROL SIGNS	EQ-7	17	ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
			TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
<u>PLAN & PROFILE SHEETS (1)</u>			INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADE AND SAGS	ECD-12	6112
SR182 STA. 1525+00 TO STA. 1555+00	3	18	INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
			INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
			INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
			STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
			TEMPORARY CULVERT STREAM CROSSING	ECD-17	6117
			TEMPORARY STREAM DIVERSION	ECD-18	6118
			TEMPORARY STREAM DIVERSION (BOX EXTENSION)	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
			DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	6124
			TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	BAS-A	6125
			TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)	BAS-B	6126
			TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE C1 SILT BASIN)	BAS-C1	6127
			TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE C2 SILT BASIN)	BAS-C2	6128
			TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN)(135 CU.YDS. CAPACITY PER ACRE OF DRAINAGE)	BAS-D	6129
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<u>SPECIAL DESIGN SHEETS (11)</u>					
VEGETATION SCHEDULE	VS-1	19			
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DETOUR PLAN - DETOUR SIGNING AT BRIDGE SHEET 1	DET-1	21			
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OFF-SITE DETOURS SHEET 3	OSDET-3	23			
PAVEMENT MARKING DETAIL SR182 STA. 1529+00 TO STA. 1549+00	PMD-1	24			
EROSION CONTROL PLAN SR182 STA. 1529+00 TO STA. 1549+00	ECP-3	25			
RIPARIAN BUFFER OFF-SITE DETOUR WITH RIP RAP AND SILT BASIN	ECP-RB-4	26			
GUARDRAIL: TYPICAL INSTALLATION AT BR. APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	SDGR-4A	27			
MISCELLANEOUS TYPICAL SECTION DETAIL	MTSD-1	28			
PIPE CULVERT INSTALLATION	SDPI-1	29			

PS & E PLANS-DATE:09/12/2018		
FMS CON. # 106978-301000		
REVISIONS		
DATE	SHEET NO.	BY
04/04/2019	8,9,10	DS
04/11/2019	8,13,18,25	DS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJ. NO.: BR-2705-00(005) COUNTY: LOWNDES	
WORKING NUMBER DI-1	SHEET NUMBER 2
FILENAME: di-1 & gn.dgn DESIGN TEAM _____ CHECKED _____ DATE 2017-09-14	

4/11/2019 3:19 PM DI-1 & GN.DGN

STATE	PROJECT NO.
MISS.	BR-2705-00(005)

<u>DESCRIPTION OF SHEET</u>	<u>WKG. NO.</u>	<u>SH. NO.</u>
<u>STANDARD DRAWING - ROADWAY SHEETS (CONTINUE)</u>		
GUARDRAIL: "W" BEAM (WOOD POSTS)	GR-1	6201
GUARDRAIL: THRIE BEAM (WOOD POSTS)	GR-1A	6202
GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B	6203
GUARDRAIL: BRIDGE END SECTION I (WOOD POSTS) (NEW CONSTRUCTION)	GR-2F	6210
GUARDRAIL: BRIDGE END SECTION-TYPE I (STEEL POST)(NEW CONSTRUCTION)	GR-2G	6211
GUARDRAIL: RUB RAIL HARDWARE	GR-RR	6218
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
STANDARD ROADSIDE SIGNS	SN-3	6303
STANDARD ROADSIDE SIGNS	SN-3A	6304
STANDARD ROADSIDE SIGNS	SN-3B	6305
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	6306
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6307
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	6308
BREAKAWAY SIGN SUPPORTS	SN-6B	6312
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	6314
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TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
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TRAFFIC CONTROL PLAN:UNEVEN PAVEMENT DETAILS	TCP-12	6362
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363

STANDARD DRAWING - ROADWAY SHEETS (CONTINUE)

<u>DESCRIPTION OF SHEET</u>	<u>WKG. NO.</u>	<u>SH. NO.</u>
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TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6366
RIGHT-OF-WAY MARKER	RW-1	6401
RURAL DRIVEWAYS	RD-1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	6404
SUPERELEVATION - CASE I (ROTATION ABOUT CENTERLINE)	SE-2A	6408
SUPERELEVATION RUNOFF - CASE I (ROTATION ABOUT THE CENTERLINE)	SE-3A	6413
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS	MDS-1	6425
DETAILS OF PAVED FLUMES	PF-1	6426
FLEXIBLE PIPE CULVERT INSTALLATION	PI-2	6502
<u>BRIDGE SHEETS</u>		
SEE BRIDGE SHEETS BEGINNING ON 8001		
<u>CROSS SECTIONS (8)</u>		
MAINLINE SR 182 - STA. 1530+00 TO STA. 1549+00	9001-9008	
TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) - 105		

B:\30\2018 1:52 PM DI-1 & GN.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJ. NO.: BR-2705-00(005) COUNTY: LOWNDES	
FILENAME: di-1 & gn.dgn DESIGN TEAM _____ CHECKED _____ DATE 2017-09-14	WORKING NUMBER DI-2 SHEET NUMBER 3

