BOX CULVERT STD. DRAWINGS (LRFD) 7001
BOX CULVERT STD. DRAWINGS (STD. SPEC.) 7501
BRIDGE 8001

CROSS SECTIONS9001

BOX BRIDGE REQ'D.

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0039-01(014)

BRIDGE REPLACEMENT, HIGHWAY 18 BETWEEN CLAIBORNE CL & HINDS CL

BR NO. 24.2 COPIAH COUNTY

FMS ROW 103045/202000 FMS CONST 103045/302000

SCALES

PLAN
1 IN.= 100 FT.

PROFILE { HOR. 1 IN.= 100 FT. 1 IN.= 10 FT.

VERT. 1 IN.= 10 FT.

LAYOUT
1 IN.= 4000 FT.

□ | ≥

EQUATIONS

STA.382 + 51.332 BK = STA.382 + 48.280 AH = (+)3.052 FT.

EXCEPTIONS

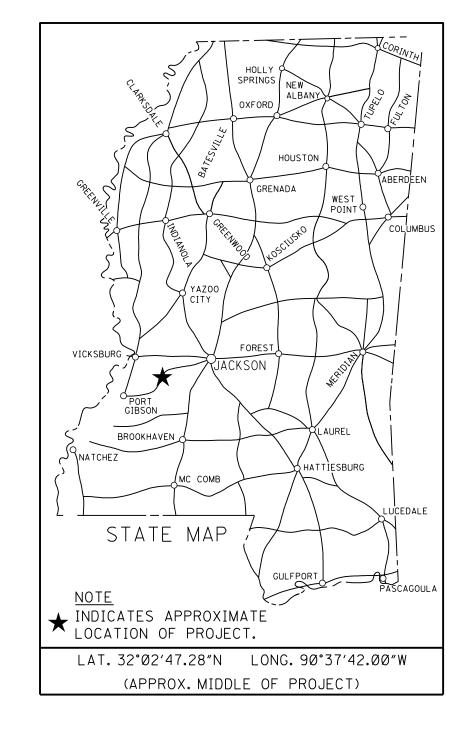
NONE

LENGTH DATA

LENGTH OF ROADWAY
LENGTH OF BRIDGES
LENGTH OF PROJECT (NET)
LENGTH OF EXCEPTIONS
LENGTH OF PROJECT (GROSS)

2800.00 FT. 0.00 FT. 2800.00 FT. (+)3.052 FT. 2803.052 FT. 2803.052 FT. 0.530 MI. 0.530 MI. 0.001 MI. 0.001 MI. 0.531 MI. STATE PROJECT NUMBER NO.

MISSISSIPPI BR-0039-01(014) 1



HOLTZCLAW RD. TO HUDSON DR.

DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (_2015) = _2400 : ADT (_2035) = _3000

DHV = __330 : D = _60 % T = _15 %

PERMITS ACQUIRED BY MDOT

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

WATERS WETLANDS

NATIONWIDE #14

NATIONWIDE (OTHER)*

GENERAL*

INDIVIDUAL (404)*

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: 2/12/2020
BY	APPROVED:
REVISIONS	DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER EXECUTIVE DIRECTOR
DATE REVI	MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1st O.REV.				STA	TE PROJECT NO.
DESCRIPTION OF SHEET	WKG. NO.	SH.	DECEDIBIION OF CHEET	WKG.	S. BR-0039-01(014)
TITLE SHEET (1)		<u>NO.</u> 1	DESCRIPTION OF SHEET SPECIAL DESIGN SHEET (CONTINUED)	<u>NO.</u>	NO.
DETAILED INDEX & GENERAL NOTES (4)			DETAIL OF INTERSECTION STA. 394+49.279-HIGHWAY 18	DOI-1	39
			DETAIL OF RAMP AT STA. 400+65 & STA. 402+38-HIGHWAY 18	DOR	40
DETAILED INDEX	DI-1	2	MISCELLANEOUS TYPICAL SECTION DETAILS	MTSD	41
DETAILED INDEX	DI-2	3	VEGETATION SCHEDULE	VS-1	42
GENERAL NOTES	GN-1	4	COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE, &	SD-ICJ-1	43
GENERAL NOTES	GN-2	5	QUADRUPLE) BASIC CULVERT DRAWING SINGLE CELL HEIGHT 5FT. SPANS 5-12FT.	SD-ICJ-I	43
			WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL	JD 100 5 1	' '
TYPICAL SECTION SHEETS (6)			HEIGHTS 4-12 FT. SPANS 4-24FT.	SD-IWS-3	45
TYPOTAL CECTTON MILLIANC LITOEN AND OVERLAN INCLINARY 10	TC 1	6	WING WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL		
TYPCIAL SECTION - MILLING, WIDEN AND OVERLAY-HIGHWAY 18	TS-1	6 7	HEIGHTS 4-12 FT. SPANS 4-24FT.	SD-IWS-3A	46
TYPCIAL SECTION - NEW CONSTRUCTION-HIGHWAY 18	TS-2	/ o	SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A SDSE-3A	47 48
TYPCIAL SECTION - RIGHT TURN LANE-HIGHWAY 18	TS-3	ð O	SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE PIPE CULVERT INSTALLATION	SDSE-3A SDPI-1	48
TYPCIAL SECTION - LEFT TURN LANE-HIGHWAY 18 TYPCIAL SECTION - CONSTRUCTION AND REMOVAL OF DETOUR ROAD-HIGHWAY 18	TS-4 TS-5	9 10	TIL COLVENT INSTALLANT	<i>501 ± ±</i>	
TYPCIAL SECTION - CONSTRUCTION AND REMOVAL OF DETOUR ROAD-HIGHWAY 18 TYPCIAL SECTION - LOCAL ROAD-MAIN DRIVE	TS-5 TS-6	10 11			
	13-0	TT	STANDARD DRAWINGS-ROADWAY SHEETS (56)		
QUANTITIES (11)			<u> </u>		
CUMMADY OF OUANITETEC	CO 1	10	PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	PM-1	6051
SUMMARY OF QUANTITIES	SQ-1	12 12	PAVEMENT MARKING LEGEND DETAILS	PM-6	6056
SUMMARY OF QUANTITIES SUMMARY OF QUANTITIES	SQ-2 SQ-3	13 14	2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE) RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)	PM-11 RS-1	6061 6064
ESTIMATED QUANTITIES - REMOVAL ITEMS	5Q-3 EQ-1	14 15	TYPICAL TEMPROARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
ESTIMATED QUANTITIES - REMOVAL ITEMS ESTIMATED QUANTITIES - RAMPS AND SIDE DRAINS	EQ-1 EQ-2	16	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
ESTIMATED QUANTITIES - RAMPS AND SIDE DRAINS ESTIMATED QUANTITIES - EROSION CONTROL ITEMS	EQ-3	17	DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
ESTIMATED QUANTITIES - EROSION CONTROL ITEMS ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, BOX CULVERTS AND BOX BRIDGE	EQ-4	18	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
ESTIMATED QUANTITIES - BRATHWORK	EQ-5	19	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES		_
ESTIMATED QUANTITIES - PAVEMENT MARKING	EQ-6	20	(SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5	6105
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-7	21	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQTCS	22	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK ROCK DITCH CHECK	ECD-7 ECD-8	6107 6108
	— ~	_	ROCK DITCH CHECK ROCK FILTER DAM	ECD-8	6108
PLAN AND PROFILE SHEETS (2)			ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
MAINLINE HIGHWAY 18	3	23			
DETOUR HIGHWAY 18	3A	24			
SPECIAL DESIGN SHEETS (25)					
EROSION CONTROL PLAN - MAINLINE-HIGHWAY 18	ECP-3	25			
EROSION CONTROL PLAN - DETOUR-HIGHWAY 18	ECP-3A	26			
RIGHT OF WAY MARKERS	ROWM	27			
DETAIL OF CONSTRUCTION SIGNING-HIGHWAY 18	CS-1	28	SMITH		
TRAFFIC CONTROL - PHASE 1 - TYPICAL SECTION-HIGHWAY 18	TCTS1-1	29	PS & E PLANS-DATE : 2/12/20 FMS CON. # : 103045/302000		
TRAFFIC CONTROL - PHASE 2 - TYPICAL SECTION-HIGHWAY 18	TCTS2-1	30	DEVICIONO	PARTMENT OF TR	ANSDORTATION
TRAFFIC CONTROL - PHASE 3 - TYPICAL SECTION-HIGHWAY 18	TCTS3-1	31	DATE SHEET NO. BY 4/16/2020 39 D.S.		
TRAFFIC CONTROL - PHASE 1 - CONSTRUCT DETOUR ROAD-HIGHWAY 18	TC1-1	32		ED INDEX	OF TRANS
TRAFFIC CONTROL - PHASE 2 - RECONSTRUCT EXISTING LANE-HIGHWAY 18	TC2-1	33			
TRAFFIC CONTROL - PHASE 3 - CONSTRUCT TURN LANE UP TO 12.5mm MIXTURE	TC3-1	34			A TI
TRAFFIC CONTROL - PHASE 4 - 1.50" PAVING UNDER TRAFFIC 9.5 mm MIXTURE	TC4-1	35	REVIX		
PAVEMENT MARKINGS - STA. 378+00 TO STA. 388+00-HIGHWAY 18	PMD-1	36	IIIII COUNTY: COPIAH	4	WORKING NUMBER
PAVEMENT MARKINGS - STA. 388+00 TO STA. 400+00-HIGHWAY 18	PMD-2	3/ 20	PROJ. NO.: BR-Ø		DI-1
PAVEMENT MARKINGS - STA. 400+00 TO STA. 406+00-HIGHWAY 18	PMD-3	38	₩ FILENAME: DI-1.D		SHEET NUMBER

FILENAME: DI-1.DGN

DESIGN TEAM _____CHECK

DESCRIPTION OF SHEET WILE OF SHEET WILL					STATE	PROJECT NO.
DESCRIPTION OF SHEET NO. 50. **SINAMOD DIRECTION DESCRIPTION OF SHEET NO. 50. **SINAMOD DIRECTION DESCRIPTION OF SHEET NO. 50. **POPULAL APPRICATIONS AND BETTIS OF BILLT CONSTRUCTION OF CO. 11 **POPULAL APPRICATION SHALES OF STRIPTING FOR STRIPTING F						
DESCRIPTION OF SHEET NO. NO. DESCRIPTION OF SHEET NO. NO. NO.		WIZ C	CII		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
STANDARD PRACTICS - MONEY STEELS FOR TIME COST-ROLLING COST-RO	DESCRIPTION OF SHEET	WKG. NO	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. <u>NO.</u>
INFO PRINCE PROPERTY OF BEASES (USED NET CONTROL STORE OF CRASES AND SACS CO. 12 CO. 12 CO. 13 CO. 14 CO	STANDARD DRAWINGS-ROADWAY SHEETS (CONTINUED)			BRIDGE (BOX CULVERTS) STANDARD DRAWINGS (13)		
PRINCET PROTECTION DETAILS FOR STITUMENT CONTROL STOW ON GRAFTS AND SAGS CEC. 1-2 CEC. 1-3						
MALET PROTECTION DETAILS OF MANUFACTURES THE PROTECTION DEVICE ECO. 15 6115 6114 61	TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111			
NET MORITH TO MIPPORT OF THE PROTECTION DEVICE FOLIA STATE Property STATE P	INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112		IBJL-1	7005
INLET PROTECTION DITAILS OF MANIMAX (UNIT) MINT PROTECTION DEVICE. 10-15 11-15	INLET PROTECTION DETALS OF WATTLES	ECD-13	6113		TR 11 _1	7006
SHELL PROTECTION DITAMENT OF SAURBAGS CO.3 5	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114		TDJC-T	7000
HAMONAIN SINEAN DIVERSION (DAY EXPENDITION) ECO-19 6119 6119 6110 6119 6110 6119 6110 6119 6110 6119 6110 6	INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115		IBJL-1	7007
LOD-19	STABILIZED CONTRUCTION ENTRANCE	ECD-16	6116	COLLAR DETAILS FOR BOX STRUCTURES	ICJ-1	
FRONTING TURBETTY CRETAIN FLORE CELL - INCIGIT 12 FT SPANS 24-40 FT. SIT L0 F 3 TBP-12 7126 FRONTING CRETAIN FOR FRONTING SARRER	TEMPORARY STREAM DIVERSION	ECD-18	6118	BARREL DETAILS - DOUBLE CELL - HEIGHT 12 FT SPANS 24-40 FT. SHT 1 OF 3	IBD-12	
PRINT S OF FROSTON COMPRO) SANDRAG DITCH CHECK FOD-31 S13 S130 FROSTON COMPRO) SANDRAG DITCH CHECK FOD-32 S13 S130 FROSTON COMPRO) SANDRAG DITCH CHECK FOD-32 S130 FROSTON COMPRO) SANDRAG DITCH CHECK FOD-34 STATE AND ADDITION SHAPE FOD-34 STATE AND ADDITION SHAPE FOD-34 STATE AND ADDITION SHAPE FOD-35 STANDARD DIRECTIONAL (GUIDE) SIGNS FOD-36 STANDARD ROADSIDE SIGNS FOD-36 STANDARD ROAD	TEMPORARY STREAM DIVERSION (BOX EXTENTION)	ECD-19	6119			
DETALS OF ERROSION CONTROL SANDBAG DITCH CHECK ECD-22 GEATLS OF TYPICAL DITCH TREATHERS ECD-22 GEATLS OF TYPICAL DITCH TREATHERS ECD-23 GEATLS OF TYPICAL DITCH TREATHERS ECD-24 GEATLS OF TYPICAL DITCH TREATHERS ECD-25 GEATLS OF TYPICAL DITCH TREATHERS ECD-26 ECT-27 TYPICAL TREMPORATY FROSTON CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 TYPICAL TEMPORARY FROSTON CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND TYPE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND THE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND THE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND THE A SILT RA BAS-A 6125 SUPER SILT TENCE ERROSION CONTROL MEASURES (SLOPE DRAIT AND THE A SILT RA BAS-A 6125 SUPER SILT TENCE SUPER	FROATING TURBITY CURTAIN	ECD-20	6120		IBD-12	7126
SEDIMENT RETENTION BARREER DETALS OF TYPETAL DISTORT ITERATMENTS DITH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAD TYPE A SILT BASIN) DITH TREATMENT INSTALLATION DETAIL FOR SOIL RESIDENCY MAD THE A SILT BASIN) DITH TREATMENT INSTALLATION DETAIL FOR SOIL RESIDENCY MAD THE A SILT BASIN) DITH TREATMENT INSTALLATION DETAIL FOR SOIL RESIDENCY MAD THE A SILT BASIN) DITH TREATMENT INSTALLATION DETAIL FOR SOIL RESIDENCY MAD THE A SILT BASIN) DITH TREATMENT INSTALLATION DETAIL FOR SOIL RESIDENCY MAD THE A SILT BASIN) DITH TREATMENT INSTALLATION DETAIL FOR SOIL RESIDENCY MAD THE A SILT BASIN) DITH TREATMENT INSTALLATION DETAIL FOR SOIL RESIDENCY MAD THE A SILT BASIN) DITH TREATMENT INSTALLATION SHAPE TO SILT BASIN SHAPE	DETALS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21			TWD 2W 20	7105
DETAILS OF TYPICAL DITIOH TREATMENTS DITCH HERALNEMIN ISSIALALATION BLAIL FOR SOIL RELINFORCING MAI DI 1A 6124 DITCH HERALNEMIN STALLALATION BLAIL FOR SOIL RELINFORCING MAI TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BA BAS-B 6126	SEDIMENT RETENTION BARRIER	ECD-22	6122		TMD-2M-20	7100
DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCIA MAD TYPE A SILT BA TYPICAL TEMPORARY PROSION CONTROL MEASURES (IYPE R SILT BASIN)) 85 - 6125 1791CAL TEMPORARY PROSION CONTROL MEASURES (IYPE R SILT BASIN)) 85 - 6126 1791CAL TEMPORARY PROSION CONTROL MEASURES (IYPE R SILT BASIN)) 85 - 6126 1791CAL TEMPORARY PROSION CONTROL BLANKET EGS.ID. CONTROL ELANC AND DISTALLATION SHAID EGS.ID. CONTROL BLANKET EGS.ID. CONTROL ELANC AND ELANC BLOCK B	DETAILS OF TYPICAL DITCH TREATMENTS				TWD-3W-30	7186
TYPICAL TEMPORANY EROSIDM CONTROL MEASURES (CUPE DRAIN AND TYPE A SILT BAS NO) PAGE PAG					1110 311 30	7 100
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)) SUPER SILT FENCE EROSION CONTROL BLAWSET STANDARD DIRECTIONAL (GUIDE) SIGNS STANDARD DIRECTIONAL (GUIDE) SIGNS STANDARD ROADSIDE SIGN ASSEMBLEY AND INSTALLATION TOPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE SAME SIGN ASSEMBLEY AND INSTALLATION FROM SERVING TO THE SAME SIGN ASSEMBLEY AND INSTALLATION FROM SERVING TO THE SAME SIGN ASSEMBLEY AND INSTALLATION FROM SERVING TO THE SAME SIGN ASSEMBLEY AND INSTALLATION FROM SERVING TO THE SAME SIGN ASSEMBLE SAME SAME SIGN ASSEMBLE SAME SAME SIGN ASSEMBLE SAME SIGN ASSEMBLE SAME SIGN ASSEM					IWD-12-3W-30	7196
SUPER SILT FENCE FROSTON CONTROL BLANKET FROSTON CONTR	· ·			WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL -		
EROSION CONTROL BLANKET STANDARD DIRECTIONAL (CUIDE) SIGNS SN-14 STANDARD ROADSIDE SIGNS SN-3A				30 SKEW DETAILS - HEIGHT 12 FT SPAN 24-40 FT. SHT 2 OF 4	IWD-12-3W-30	7197
STANDARD DIRECTIONAL (GUIDE) SIGNS STANDARD ROADSIDE SIGNS SN-14 6301 STANDARD ROADSIDE SIGNS SN-18 6305 STANDARD ROADSIDE SIGN SSEMBLEY AND INSTALLATION SN-40 STANDARD ROADSIDE SIGN ASSEMBLEY AND INSTALLATION SN-40 SREAKAWAY SIGN SUPPORTS REFLAKAWAY SIGN SUPPORTS TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFLENCE SIGNS TRAFFIC CONTROL PLAN WITH FLACEER (ONE-LARE CLOSURE OF TWO-WAY TRAFFIC) HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS TEMPROARY SIRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED ROADWAYS TRAFFIC CONTROL PLAN AND 5-LANE LAND SHOULDER CLOSURE RIGHT-OF-WAY MARKER RW-1 ROAD ROAD MAIN DRIVE AND FACULTY DRIVE - STA.10+00 TO STA.105-64.810 9062-9061 HOAD TOP-15 GASS TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) (J80) TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) (J80) MINISSUEPI DEPARTMENT OF TRANSPORTATION HIGHWAY SICH AND SALE COUNTRY COUNTRY OF TRANSPORTATION TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) MINISSUEPI DEPARTMENT OF TRANSPORTATION TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) TOTAL SHEETS (EXCLUDING SHEET) TOTAL SHEETS (EXCLU						- 400
STANDARD ROADSIDE SIGNS STANDARD ROADSIDE SIGNS STANDARD ROADSIDE SIGNS STANDARD ROADSIDE SIGNS STANDARD ROADSIDE SIGN ASSEMBLEY AND INSTALLATION SN-48 6305 STANDARD ROADSIDE SIGN ASSEMBLEY AND INSTALLATION SN-48 6307 STANDARD ROADSIDE SIGN ASSEMBLEY AND INSTALLATION SN-48 6308 BREAKAMAY SIGN SUPPORTS SN-6A 6311 SN-6B 6312 PHASE I DETOUR ROAD SRIB STA. 78+18.036 TO STA. 406+00 9012-9041 REFERENCE SIGNS REFER					IWD-12-3W-30	7198
STANDARD ROADSIDE SIGN SUM STANDARD ROADSIDE SIGN ASSEMBLEY AND INSTALLATION SN-48 6307					TIJD 12 21J 20	7100
STANDARD ROADSIDE SIGN ASSEMBLEY AND INSTALLATION SN-48 6308 STANDARD ROADSIDE SIGN ASSEMBLEY AND INSTALLATION SN-48 6308 BREAKAWAY SIGN SUPPORTS SN-68 6311 BREAKAWAY SIGN SUPPORTS SN-68 6312 PHASE I DETOUR ROAD SRI8 - STA.78+18.036 TO STA.105-64.810 9001-9021 9002-9041 900				30 SKEW DETAILS - HEIGHT 12 FT SPAN 24-40 FT. SHT 4 OF 4	TMD-TZ-3M-30	7 199
STANDARD ROBOSIDE SIGN ASSEMBLEY AND INSTALLATION SN-48 6308 SREAKAWAY SIGN SUPPORTS SN-68 6311 SN-68 6312 SN-68 6312 FIRST REAKAWAY SIGN SUPPORTS SN-68 6312 FIRST REAKAWAY SIGN SUPPORTS SN-68 6314 FIRST REAKAWAY SIGN SUPPORTS SN-68 6314 FIRST REAKAWAY SIGN SUPPORTS SN-68 6314 FIRST REAKAWAY SIGN AND DETAILS OF DELINEATORS AND DISTANCE SN-8 6314 FIRST REAKAWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS SN-8 6314 FIRST REAKAWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS SN-8 6314 FIRST REAKAWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS S035 TCP-8 6358 TEMPROARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 3-LANE UNDIVIDED ROADWAYS TCP-13 6363 TCP-14 6364 TCP-15 6365 TCP-15 6365 TCP-16 6366 TCP-16 FIRST REAKER REAKE						
BREAKAWAY SIGN SUPPORTS BREAKAWAY SIGN SUPPORTS SN-6A 6311 BREAKAWAY SIGN SUPPORTS SN-6B 6312 PHASE I DETOUR ROAD SRIB - STA.78+18.036 TO STA.105+64.810 9022-9041 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9041 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9041 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9061 REFERENCE SIGNS SN-8 6314 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.406+00 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+64.810 9022-9061 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+064.810 PHASE III METAININE SRIB - STA.78+18.036 TO STA.105+064.810 PHASE III METAININE SRIB - STA.78+18.036 TO STA.1040 TO STA.1040 TO STA.1040 TO STA.1040 TO STA.1040 TO STA.1040 TO S				CROSS SECTIONS (62)		
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TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS GT-1 6404 SIGHT FLARE SF-1 6405 DRIVEWAYS, CURB & GUTTER, & SIDEWALK SIDEWALK FLEXIBLE PIPE CULVERT INSTALLATION PI-2 6502 CONCRETE PIPE COLLAR PC-1 6503 JUNCTION BOX FOR PIPE CULVERTS JB-1 6504 STORM SEWER INLET TYPE SS-2 FLARED END SECTION FOR CONCRETE PIPE FE-1 6530 HEADWALLS FOR CONCRETE PIPE, 3:1 SLOPE, 0 - 15 SKEW HW-3100 6574 MISSISSIPPI DEPARTMENT OF TRANSPORTATION	RIGHT-OF-WAY MARKER	RW-1	6401			
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STORM SEWER INLET TYPE SS-2 FLARED END SECTION FOR CONCRETE PIPE FE-1 HEADWALLS FOR CONCRETE PIPE, 3:1 SLOPE, 0 - 15 SKEW SS-2 FE-1 6530 HW-3100 6574 MISSISSIPPI DEPARTMENT OF TRANSPORTATION						
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

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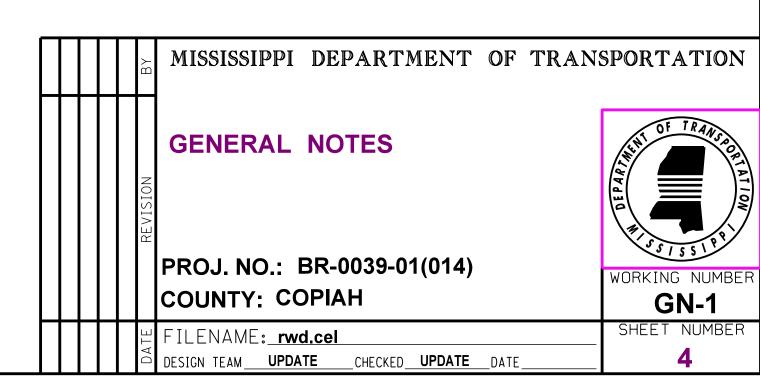
SHEET NUMBER
3

GENERAL NOTES

- (1) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- (2) 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.
- (3) ALL PIPE JOINTS ARE TO BE WRAPPED 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 ITEMS BID.
- (4) 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.
- (5) 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.
- (6) 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.
- (7) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (8) FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO. ICJ-1 FOR DETAILS)
- (9) LIST OF PUBLIC UTILITIES
 - A. AT&T---MICHAEL HENDON, 601-922-6092
 - B. REEDTOWN WATER ASS'N---WESLEY MATHES, 607-942-5092
 - C. SWEPA---TOMMY PROVANCE, 1-877-253-0009
 - D. CITY OF UTICA---SAMMIE BARNES, 601-885-6169
- (10) THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.

GENERAL NOTES (CONTINUE)

- (11) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (12) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (13) 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.
- (14) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (15) 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.
- (16) 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.
- (17) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (18) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (19) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (20) 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.
- (21) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- (22) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- (23) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.



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GENERAL NOTES (CONTINUE.)

- (24) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO <u>WWW.MDOT.MS.GOV</u> 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.
- (25) CURB AND GUTTER VERTICAL DIMENSIONS SHOWN IN THE DETAIL DRAWINGS ARE FOR A CURB IN THE "CATCH" CONFIGURATION AND SHALL BE CONSIDERED TO BE MINIMUM DIMENSIONS. THE DIMENSIONS MAY BE MODIFIED AS NECESSARY FOR "SPILL" CURB AND GUTTER, BUT SHALL NOT BE LESS THAN THE MINIMUM SHOWN.
- (26) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES AND FLAIRED END SECTIONS) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (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) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (29) 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.
- (30) 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.
- (31) 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.
- (32) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (33) 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.
- (34) AFTER THE PERMANENT SIGNS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A DIGITAL COPY OF A MICROSOFT EXCEL SPREADSHEET WITH THE FOLLOWING INVENTORY DATA CAPTURED FOR EACH SIGN: LOCATION OF SIGN (LATITUDE-LONGITUDE GPS COORDINATES), MUTCD SIGN CODE, SIZE, BACKGROUND AND LEGEND COLORS, SUPPORT TYPE (POST, PIPE, SQUARE POST, OR I-BEAM), NUMBER OF SUPPORTS, DATE OF INSTALLATION, SIGN FACE DIRECTION, ROUTE NAME OR NUMBER, DIRECTION OF VEHICLE TRAVEL, AND LEGEND ON SIGN IF APPLICABLE. EACH SIGN SHALL BE ASSIGNED A UNIQUE ID NUMBER AND A DIGITAL PHOTO OF EACH SIGN SHALL BE SUBMITTED IN BITMAP FORMAT. THE PHOTO FILENAME SHALL CORRESPOND WITH THE UNIQUE ID NUMBER.
- (35) SEE TRAFFIC CONTROL AND TYPICAL SECTIONS SHEETS FOR OTHER NOTES ON TRAFFIC CONTROL.

