MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0018-01(026)

1 IN. = 100 FT.

1 IN. = 2000 FT.

BRIDGE REPLACEMENT/REALIGNMENT
SR 12 OVER SUNFLOWER RIVER (23.9)
WASHINGTON/HUMPHREYS

LAYOUT

FMS CON. NO. 106109 /301000 (HUMPHREYS CO.) FMS CON. NO. 106109 /302000 (WASHINGTON CO.)

CROSS SECTIONS9001

BEGIN

WITH

SHEET

SR 12 OVER SUNFLOWER RIVER BRIDGE NO. 23.9 (STEEL) STA. 516 + 55 - 525 + 65 SPANS: 280'-350'-280' SKEW: 15°RT FWD

BRIDGE STRUCTURES REQ'D.

ROADWAY 1

PERMANENT SIGNS1001

TRAFFIC SIGNALS2001

ITS COMPONENTS3001

LIGHTING4001

ROADWAY STANDARD DWGS6001

BOX CULVERT STD. DRAWINGS (LRFD) 7001

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

BRIDGE8001

BOX BRIDGES REQ'D.

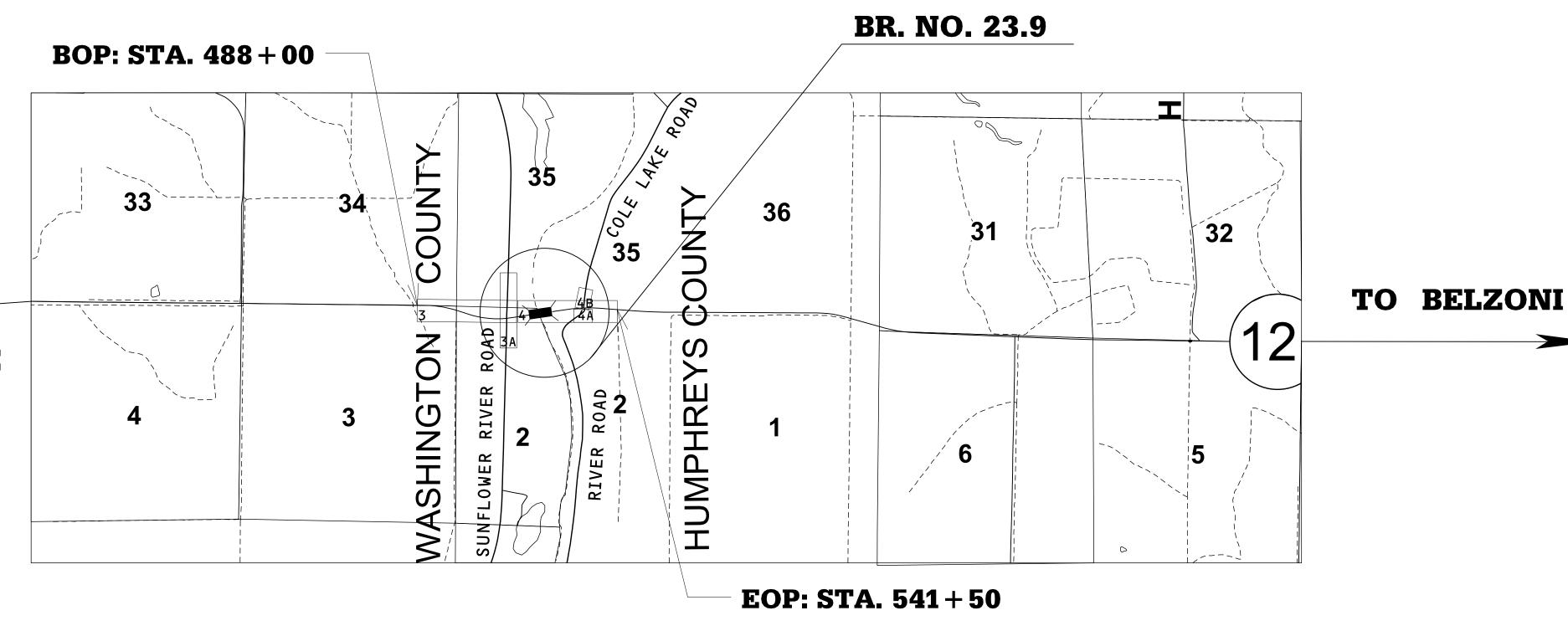
NONE

INCLUDED

PROJECT

THIS

TO HOLLANDALE



DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2020) = 1855 : ADT (2040) = 2263

DHV = 224 : D = 50 % T = 26 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS

WATERS WETLANDS

NATIONWIDE #14 N

NATIONWIDE (OTHER)* Y

STATE MAP

INDICATES APPROXIMATE

GENERAL*

INDIVIDUAL (404)*

PROJECT NUMBER

BR-0018-01(026)

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)

CONVENTIONAL SYMBOLS

COUNTY LINE

TOWN CORPORATION LINE

SECTION LINE

EXISTING ROAD OR TRAVELED WAY

PROPOSED ROAD OR TRAVELED WAY

RAILROAD

SURVEY LINE

BRIDGES

EQUATIONS

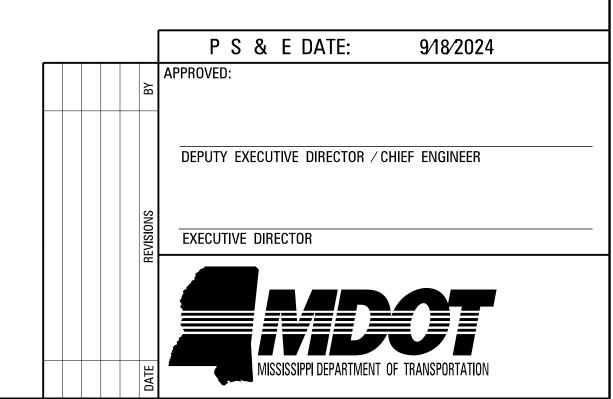
STA. 537 + 43.582 BK. = STA. 538 + 01.118 AH.

LENGTH DATA

NGTH	OF ROADWAY	6214	FT.	1.177
	OF BRIDGES	910		Ø.172
NGTH	OF PROJECT (NET)			1.35
NGTH	OF EXCEPTIONS	Ø	FT	0.00
NGTH	OF PROJECT (GROSS)			1.35

EXCEPTIONS

NONE



WIS CON. 100109/301000&302000		
STATE	PROJECT NO.	
MISS.	BR-0018-01(026)	
WK (; CH	

	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
	TITLE SHEET, DETAILED INDEX, AND GENERAL NOTES - (5)			PAVEMENT MARKING DETAIL - SR 12 MAINLINE (BOP - STA.507+00)	PMD-1	51
	TIPEE SHEET, BETTALED INSERT, THE SERVENCE TO TEST OF THE SHEET OF THE			PAVEMENT MARKING DETAIL - SR 12 MAINLINE (521+00 - EOP), COLE LAKE ROAD, & RIVER ROAD INTERSECTION	PMD-2	52
	TITLE SHEET	-	1	PAVEMENT MARKING DETAIL - SR 12 MAINLINE & SUNFLOWER RIVER ROAD INTERSECTION	PMD-3	53
	DETAILED INDEX	DI-1	2			
	DETAILED INDEX	DI-2	3	vegetation schedule – district 3 – all type projects – ms delta	VS-1	54
	GENERAL NOTES	GN-1	4			
	GENERAL NOTES	GN-2	5	PERMANENT SIGNING PLANS - (3)		
	TYPICAL SECTIONS - (3)			PERMANENT SIGNING PLAN - SR 12 MAINLINE	PSP-1	1001
	THICAL SECTIONS (3)			PERMANENT SIGNING PLAN - SR 12 MAINLINE, COLE LAKE ROAD, & RIVER ROAD	PSP-2	1002
	TYPICAL SECTIONS - SR 12 MAINLINE NEW CONSTRUCTION AND WIDENING & OVERLAY	TS-1	6	PERMANENT SIGNING PLAN - SR 12 MAINLINE & SUNFLOWER RIVER ROAD	PSP-3	1003
	TYPICAL SECTIONS - LOCAL ROADS NEW CONSTRUCTION AND WIDENING & OVERLAY	TS-2	7			
	TYPICAL SECTIONS - SR 12 MAINLINE TRANSITION AND EMBANKMENT REMOVAL	TS-3	8	STANDARD DRAWINGS - ROADWAY DESIGN SHEETS (2017) - (66)		
				DDIDGE END DAVEMENT WITH DAIL OVEDLAY AND GLEEDED GLAD (NEW CONGIDUCTION)	DE 1	C
	QUANTITY SHEETS - (16)			BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	BE-1 PM-1	6007
	SUMMARY OF QUANTITIES - HUMPHREYS CO.	SQ-1	Q	PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS 2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE)	PM-11	6Ø51 6Ø61
	SUMMARY OF QUANTITIES - HUMPHREYS CO.	SQ-2	1 Ø	RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)	RS-1	6064
	SUMMARY OF QUANTITIES - WASHINGTON CO.	SQ-3	10	TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1	61Ø1
	SUMMARY OF QUANTITIES - WASHINGTON CO.	SQ-4	12	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
	SUMMARY OF QUANTITIES - WASHINGTON CO.	SQ-5	13	DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
	SUMMARY OF QUANTITIES - TOTAL	SQ-6	14	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	61Ø4
	SUMMARY OF QUANTITIES - TOTAL	SQ-7	15	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE		0101
	SUMMARY OF QUANTITIES - TOTAL	SQ-8	16	AND HAY BALE DITCH CHECKS)	ECD-5	61Ø5
	SCIMINALLY OF GENTLIFES FOLIAL		10	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
	ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	17	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
	ESTIMATED QUANTITIES - BOX CULVERTS, SIDE DRAINS, AND EROSION CONTROL	EQ-2	18	ROCK DITCH CHECK	ECD-8	61Ø8
	ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-3	19	ROCK FILTER DAM	ECD-9	61Ø9
	ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	E Q - 4	20	ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-1Ø	6110
	ESTIMATED QUANTITIES - PAVEMENT MARKINGS AND DRIVEWAYS REQUIRED	EQ-5	21	TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
	ESTIMATED QUANTITIES - BRIDGE END PAVEMENT, EARTHWORK, AND GUARDRAIL REQUIRED	EQ-6	22	INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112
	ESTIMATED QUANTITIES - PERMANENT SIGN ASSEMBLIES AND STANDARD ROADSIDE SIGNS	EQ-7	23	INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
	ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-8	24	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
				INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
	PLAN & PROFILE SHEETS - (5)			STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
				TEMPORARY CULVERT STREAM CROSSING	ECD-17	6117
	MAINLINE - SR 12 - WASHINGTON CO STA. 488+00 TO STA. 517+00	3	25	TEMPORARY STREAM DIVERSION	ECD-18	6118
	LOCAL ROAD - SUNFLOWER RIVER ROAD - WASHINGTON CO STA.11+00 TO STA.23+50	3A	26	TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-19	6119
	MAINLINE - SR 12 - HUMPHREYS CO STA.517+ØØ TO 541+5Ø	4	27	FLOATING TURBIDITY CURTAIN	ECD-20	6120
	LOCAL ROAD - RIVER ROAD - HUMPHREYS CO STA.8+00 TO STA.11+33.846	4 A	28	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
	LOCAL ROAD - COLE LAKE ROAD - HUMPHREYS CO STA. Ø+ØØ TO STA. 2+91.72	4B	29	SEDIMENT RETENTION BARRIER	ECD-22	6122
				DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
	SPECIAL DESIGN SHEETS - ROADWAY DRAWINGS (25)			DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	6124
		D06.4	7.0	GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B	6203
	RIGHT-OF-WAY MARKERS	RCS-1	30	GUARDRAIL: BRIDGE END SECTION-TYPE "I" (STEEL POSTS) (NEW CONSTRUCTION)	GR-2G	6211
	42" BRIDGE END PAVEMENT RAIL (9" PAVEMENT)	SD-BEPR-1A-9	31	GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	GR-4A	6215
	MISCELLANEOUS TYPICAL SECTION DETAILS	MTSD-1	32	GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
	SIGN SUPPORT HARDWARE - 2.0" SQUARE POST	TSS-2	33	STANDARD ROADSIDE SIGNS	SN-3A	6304
	INTERSECTION DETAIL OF 12 MAINLINE & SUNFLOWER DIVER BOAD	ID-1	7 /l	STANDARD ROADSIDE SIGNS	SN-3B SN-4	63Ø5 63Ø6
	INTERSECTION DETAIL - SR 12 MAINLINE & SUNFLOWER RIVER ROAD	ID-2	34 35	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6307
	INTERSECTION DETAIL - SR 12 MAINLINE, COLE LAKE ROAD, & RIVER ROAD	10-5	33	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION Breakaway sign supports	SN-44 SN-6	6310
	PRELIMINARY EROSION CONTROL PLAN - SR 12 MAINLINE - WASHINGTON CO STA. 488+00 TO STA. 517+00	ECP-3	36	BREAKAWAY SIGN SUPPORTS	SN-6A	6311
	PRELIMINARY EROSION CONTROL PLAN - RIPARIAN BUFFER	ECP-RB-3	37	BREAKAWAY SIGN SUPPORTS	SN-6B	6312
	PRELIMINARY EROSION CONTROL PLAN - SUNFLOWER RIVER ROAD - WASHINGTON CO STA. 11+00 TO STA. 23+50	ECP-3A	38	TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	6314
	PRELIMINARY EROSION CONTROL PLAN - SR 12 MAINLINE - HUMPHREYS CO STA. 517+00 TO STA. 541+50	ECP-4	39	TYPICAL GUARDRAIL DELINEATION	SN-8C	6317
	PRELIMINARY EROSION CONTROL PLAN - RIVER ROAD - HUMPHREYS CO STA. 8+00 TO STA. 11+33.846	ECP-4A	40	SIGNING DETAILS FOR BRIDGE APPROACHES	SN-9	6318
	PRELIMINARY EROSION CONTROL PLAN - COLE LAKE ROAD - HUMPHREYS CO STA. Ø+ØØ TO STA. 2+91.72	ECP-4B	41		2 5	
	DETAIL OF CONSTRUCTION SIGNING - SR 12 MAINLINE & SUNFLOWER RIVER ROAD - WASHINGTON CO.	DCS-1	42			
	DETAIL OF CONSTRUCTION SIGNING - SR 12 MAINLINE, COLE LAKE ROAD, & RIVER ROAD - HUMPHREYS CO.	DCS-2	43			
	DETAIL OF CONSTRUCTION SIGNING - LOCAL ROAD CLOSURE - CMS BOARD DETAIL	DCS-3	44			
				$oxed{ \hspace{.06cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}\hspace{.08cm}} oxed{ \hspace{.08cm}$	TMENT OF TRAI	NSPORTATION
	TRAFFIC CONTROL PLAN - SR 12 MAINLINE - WASHINGTON CO PHASE I traffic control plan - sr 12 mainline cole lake road & river road - humphreys co - phase i	TC-1	45	WIENTJES HILLED IND	EX	
ı	TRAFFIL LINGERUL PLANT - NR IZ MANDULNE LULE LAKE RUAD & RIVER RUAD - HUMPHREYN LO - PHANE L		46			

TC-2

TC-3

T C - 4

TC-5

TC-6

46

47 48

49

50

WIENTLIES

	WIENIJES			
PS & E PLANS-DATE: 9/18/2024				
FMS CON. # 106109/301000&302000				
REVISIONS				
DATE	SHEET NO.	BY		

DETAILED INDEX

PROJ. NO.: BR-0018-01(026) COUNTY: WASHINGTON/HUMPHREYS

WORKING NUMBER DI-1 SHEET NUMBER

뿌 FILE NAME: <u>DI.dgn</u> DESIGN TEAM <u>WIENTJES</u> CHECKED____

TRAFFIC CONTROL PLAN - SR 12 MAINLINE, COLE LAKE ROAD, & RIVER ROAD - HUMPHREYS CO. - PHASE I

TRAFFIC CONTROL PLAN - SR 12 MAINLINE, COLE LAKE ROAD, & RIVER ROAD - HUMPHREYS CO. - PHASE II

TRAFFIC CONTROL PLAN - SR 12 MAINLINE & SUNFLOWER RIVER ROAD - WASHINGTON CO. - PHASE I

TRAFFIC CONTROL PLAN - SR 12 MAINLINE & SUNFLOWER RIVER ROAD - WASHINGTON CO. - PHASE II

TRAFFIC CONTROL PLAN - SR 12 MAINLINE - WASHINGTON CO. - PHASE II

STATE	PROJECT	NO.
MISS.	BR-0018-01	(026)

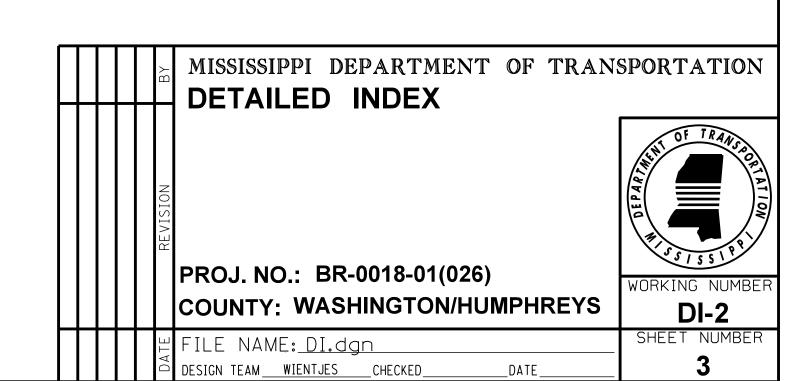
DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-6	6356
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS	TCP-12	6362
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)	TCP-15	6365
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6366
PERMANENT BARRICADE WITH BERM	TCP-17	6367
RIGHT-OF-WAY MARKER	RW-1	6401
RURAL DRIVEWAYS	RD-1	64Ø3
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	6404
SIGHT FLARE	SF-1	6405
SUPERELEVATION - CASE I (ROTATION ABOUT CENTERLINE)	SE-2A	64Ø8
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
TYPICAL PLANTING DETAILS FOR TREES & SHRUBS	PD-1	6428
PIPE CULVERT INSTALLATION	PI-1	65Ø1
FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530
FLARED END SECTION FOR CONCRETE ARCH PIPE	FE-1A	6531
DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN	UD-1	6533
NORMAL UNDERDRAIN TYPE II	UD-2	6534
PRECAST CONCRETE BOX CULVERT	PBC-1	6538
PRECAST CONCRETE BOX CULVERT END SECTION	PBC-2	6539
STANDARD DRAWINGS - BRIDGE SHEETS - (7)		
BASIC CULVERT DRAWING - COLLAR LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS	IBJL-1	7005
COLLAR DETAILS FOR BOX STRUCTURES	ICJ-1	7ØØ8
BARREL DETAILS - SINGLE CELL - HEIGHT 6 FT SPANS 6 - 20 FT SHEET 1 OF 3	IBS-6	7Ø11
BARREL DETAILS - SINGLE CELL - HEIGHT 6 FT SPANS 6 - 20 FT SHEET 2 OF 3	IBS-6	7Ø12
BARREL DETAILS - SINGLE CELL - HEIGHT 6 FT SPANS 6 - 20 FT SHEET 3 OF 3 Wings with 3:1 slope for basic culvert drawing - single cell - 0° skew details	IBS-6	7Ø13
- HEIGHTS 6 FT SPANS 6 - 20 FT SHEET 1 OF 2	IWS-6-3W	7Ø33
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - ذ SKEW DETAILS	I M 2 - 0 - 2 M	1000
- HEIGHTS 6 FT SPANS 6 - 20 FT SHEET 2 OF 2	IWS-6-3W	7034
SPECIAL DESIGN BRIDGE SHEETS - SEE BRIDGE SHEETS BEGINNING ON 8001		
CROSS SECTIONS - (83)		
STA. 488+00 TO STA. 493+25.891 (EX. SR 12 MAINLINE - BOP)		9001-9004
CTA $AOZ_{+}OE$ OOA TO CTA $EZO_{+}OA$ AAO AO AO AAO AO AO		000000000

STA. 493+25.891 TO STA. 538+Ø1.118 (SR 12 MAINLINE, PHASE I) STA. 493+25.891 TO STA. 538+Ø1.118 (SR 12 MAINLINE, PHASE II) STA. 538+01.118 TO STA. 541+50 (EX. SR 12 MAINLINE - EOP) 9058-9059 STA.10+00 TO STA.24+77.813 (SUNFLOWER RIVER ROAD) 9060-9066 STA.8+00 TO STA.11+33.846 (RIVER ROAD) 9067-9068 STA. Ø+ØØ TO STA. 2+91.72 (COLE LAKE ROAD) 9069-9070 STA.500+00 TO STA.526+25 (EX.SR 12 REMOVAL) 9071-9083

9005-9031

9032-9057

TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) - (213)



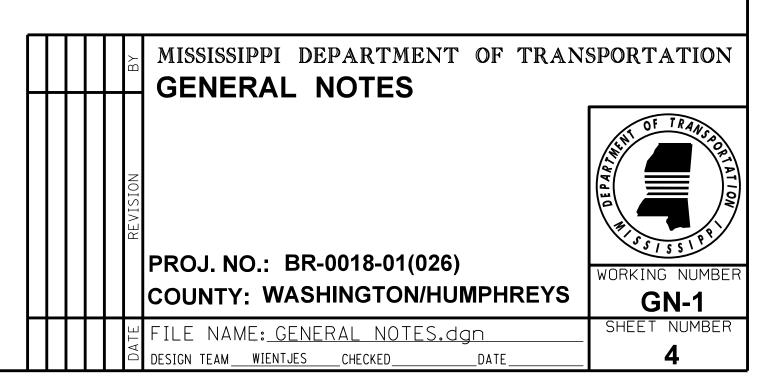
GENERAL NOTES

- (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 PART VI OF 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 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.
- (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. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
- (9) 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)
- (10) LIST OF PUBLIC UTILITIES
 - A. TWIN CO. ELECTRIC CO. RICHARD STALLWORTH, 662-545-7573
 - B. AT&T BOB GRANTHAM, 662-466-0018
 - C. HUMPHREYS CO. WATER ASSN. 662-247-4145
- (11) 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.
- (12) 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.
- (13) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (14) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (15) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (16) 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.
- (17) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.

GENERAL NOTES (CONT.)

- (18) 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.
- (19) 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.
- (20) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 516+55 525+65, SEE WORKING SHEET NUMBERS ECP-RB-3
 THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
- (21) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (22) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (23) 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.
- (24) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (25) 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.

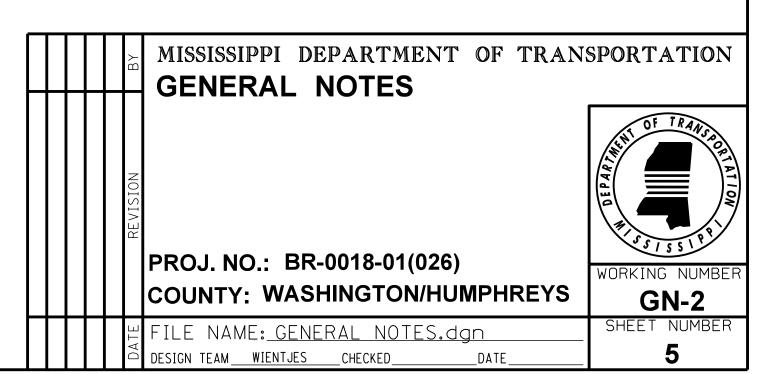
 IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
- (26) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (27) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING 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) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (29) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.
- (30) 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.



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GENERAL NOTES (CONT.)

- (31) 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.
- (32) 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.
- (33) DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.
- (34) ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (35) ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.
- (36) THE RETROREFLECTIVE SIGN SHEETING ON PERMANENT GROUND-MOUNTED SIGNS SHALL BE AS FOLLOWS: BROWN BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE VIII; GREEN AND BLUE BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE IX; ALL WHITE, YELLOW, FLUORESCENT YELLOW AND FLUORESCENT YELLOW/GREEN SHEETING SHALL BE TYPE XI. ALL SIGN SHEETING ON OVERHEAD SIGNS SHALL BE TYPE XI.
- (37) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (38) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (39) ALL SIDE ROAD, STOP SIGN MOUNTED STREET NAME SIGNS TO BE SALVAGED AND STORED AT THE DIRECTION OF THE PROJECT ENGINEER FOR DELIVERY TO THE CITY (NOT A SEPARATE PAY ITEM).
- (40) THE CONTRACTOR SHALL COORDINATE AND CONDUCT WORK AT LOCAL ROADS AND DRIVEWAYS IN A MANNER SUCH THAT ACCESS IS NOT INTERRUPTED UNNECESSARILY. ACCESS SHALL BE PRESERVED IN THE BEST MANNER POSSIBLE. COORDINATION AND COMMUNICATION WITH LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.



PLAN ROADWAY DESIGN DIVISION

ATTON ARTHUR