1st O.REV.

GENERAL INDEX

INCLUDED THIS PROJECT		BEGIN WITH SHEE
\boxtimes	ROADWAY	1
\boxtimes	PERMANENT SIGNS	1001
	TRAFFIC SIGNALS	2001
	ITS COMPONENTS	3001
	LIGHTING	4001
	(RESERVED)	5001
\boxtimes	ROADWAY STANDARD DWGS	6001
	BRIDGE STANDARD DWGS	7001
\boxtimes	BRIDGE	8001
\boxtimes	CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL PROJECT NO. BR-0026-01(079)

SR 19 BRIDGE REPLACEMENTS
(BRIDGES No. 57.6)
NESHOBA COUNTY

SCALES

1 IN.= 5000 FT.

FMS R.O.W.# 106114-202000 FMS CON# 106114-302000

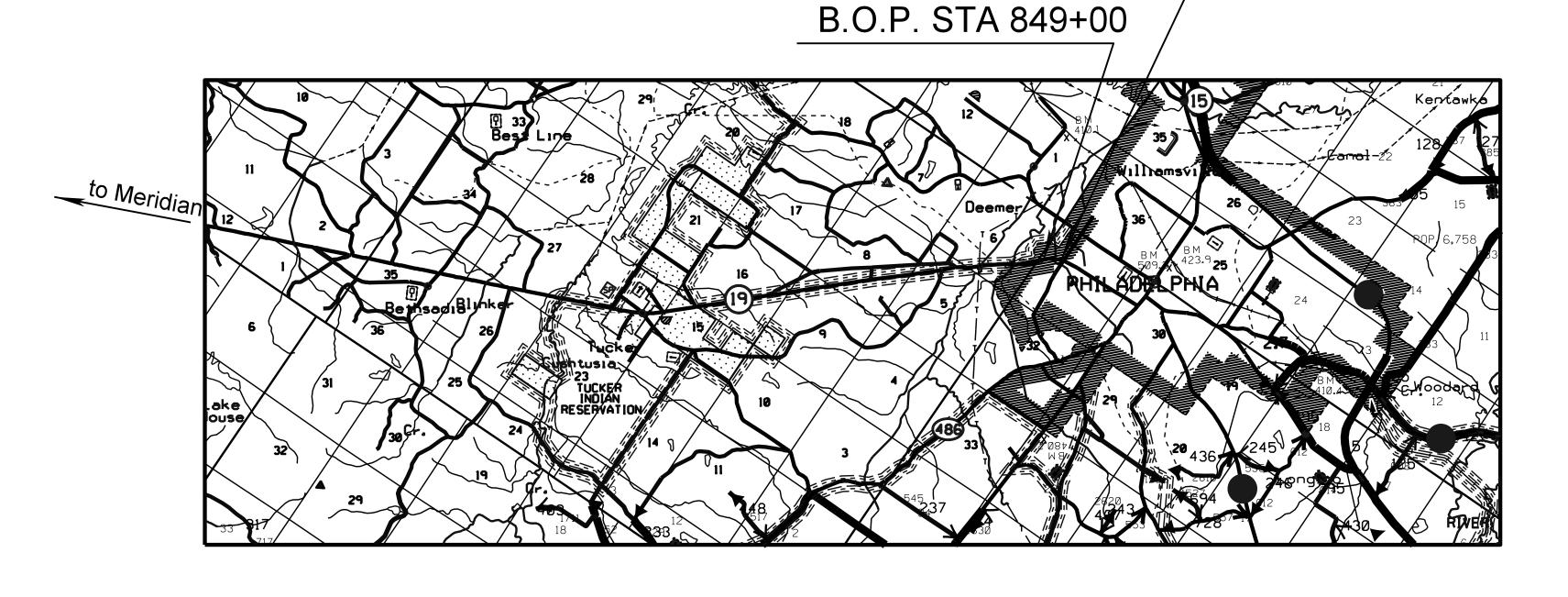
E.O.P. STA 854+50

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

A Box Bridge No. 57.6 (Kentawka Canal Trib)
Sta. 851+66.61
DBL 14'x12' Box Culvert
Skew = 0^
Total Length Along C = 29.5'



Seg.

STATE MAP

NOTE
INDICATES APPROXIMATE

PROJECT NUMBER

BR-0026-01(079)

ADT (2018) = 9100 : ADT(2038) = 12000 DHV = 1200 : D = 55 % T = 9%

PERMITS ACQUIRED BY MDOT

NATIONWIDE #14

NATIONWIDE (OTHER)*

INDIVIDUAL (404)*

STORMWATER PERMIT

REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA=5 ACRES)

REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)

NO STORMWATER PERMIT REQUIRED (<1 ACRES)

APPROVED BY:

EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

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

520.5 FT. 0.10 M 29.5 FT. 0.01 M 0.11 M FT. 0.11 M





PS&EDATE:

| He | He | APPROVED:

| DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

| EXECUTIVE DIRECTOR |

ROADWAY DESIGN DIVISION

			FMS CON: 106114-302000		
				STATE	PROJECT NO.
				IVIIOO. L	BR-0026-01(079)
	WKG.	SH.		WKG.	SH.
DESCRIPTION OF SHEET	$\overline{\text{NO}}$	\overline{NO}	<u>DESCRIPTION OF SHEET</u>	\overline{NO} .	<u>NO.</u>
TITLE SHEET (1)		1			
			STANDARD DRAWINGS (33)		
DETAILED INDEX & GENERAL NOTES (3)					1
			PAVEMENT MARKING DETAIL FOR 2-LANE AND 4-LANE DIVIDED ROADWAYS	PM-1	6051
DETAILED INDEX	DI-1	2	PAVEMENT MARKING DETAIL FOR 3-LANE, 4-LANE, AND 5-LANE UNDIVIDED ROADWAYS	PM-2	6052
GENERAL NOTES	GN-1	3	2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE)	PM-11	6061
GENERAL NOTES GENERAL NOTES	GN 1 GN-2	J			1
GENERAL NOTES	GN-Z	4	TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
			DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
TYPICAL SECTION SHEETS (2)			DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
			DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
TYPICAL SECTION - NEW CONSTRUCTION/WIDENING & OVERLAY	TS-1	5	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES	ECD-5	6105
TYPICAL SECTION - NEW CONSTRUCTION OVER BOX	TS-2	6		ECD-6	6106
			DETAILS OF EROSION CONTROL WATTLE DITCH CHECK		
QUANTITY SHEETS (9)			DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
			ROCK DITCH CHECK	ECD-8	
SUMMARY OF QUANTITIES	SQ-1	7	ROCK FILTER DAM	ECD-9	
SUMMARY OF QUANTITIES	SQ-2	8	ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	1 1
ESTIMATED QUANTITIES - SUMMARY OF REMOVAL ITEMS	EQ-1	9	TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
ESTIMATED QUANTITIES - SUMMARY OF DRAINAGE STRUCTURES REQUIRED		10	INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112
	EQ-3		INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
ESTIMATED QUANTITIES - SUMMARY OF TRAFFIC CONTROL ITEMS & PERMANENT PAVEMENT MARKINGS	EQ-4	11	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
ESTIMATED QUANTITIES - EARTHWORK	EQ-5	12	INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
ESTIMATED QUANTITIES - DRIVEWAYS AND RAMPS	EQ-6	13	STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES REQUIRED	EQ-8	14	TEMPORARY STREAM DIVERSION	ECD-18	6118
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	TCP-Q	15	TEMPORARY STREAM DIVERSION (BOX EXTENSION)	ECD-19	1 1
να ΣΕ Ε			FLOATING TURBIDITY CURTAIN	ECD-20	I
PLAN & PROFILE SHEETS (1)			DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	
				ECD-22	
PLAN - PROFILE SHEET	3	16	SEDIMENT RETENTION BARRIER	ECD-22	0122
				man 1	C251
SPECIAL DESIGN SHEETS (14)			TRAFFIC CONTROL PLAN WITH FLAGGER (ONE LANE CLOSURE OF TWO WAY TRAFFIC)	TCP-1	6351
			HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
EROSION CONTROL SHEET	ECP-3	17	TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS	TCP-12	6362
TRAFFIC CONTROL PLAN - ROUTE OVERVIEW	TC-1	18	DRIVEWAYS, CURB & GUTTER, & SIDEWALK	SD-1	6419
TRAFFIC CONTROL PLAN - S.R. 19 PROJECT SITE	TC-2	19	MICELLANEOUS DETAIL SHEET FOR STACKED PIPE JOINTS AND EXCAVATION AT GRADE POINTS	MDS-1	6425
TRAFFIC CONTROL PLAN - S.R. 19 AT 491 & 4304/4306	TC-3	20	PIPE CULVERT INSTALLATION	PI-1	6051
TRAFFIC CONTROL PLAN - S.R. 19 NORTH/SOUTH AT 492	TC-4	21	BRANCH CONNECTIONS	BC-1	6507
TRAFFIC CONTROL PLAN - 492 EAST/WEST AT 505/507 & 15	TC-5	22	TYPE I MEDIAN INLET (24" PIPE AND UNDER)	MI-1	6508
TRAFFIC CONTROL PLAN - 15 NORTH/SOUTH AT 248 & 21/16	TC-6	23	STORM SEWER INLET TYPE SS-2	SS-2	6524
TRAFFIC CONTROL PLAN - S.R. 19 NORTH/SOUTH DOWNTOWN PHILADELPHIA	TC-7	24			
TRAFFIC CONTROL PLAN - S.R. 19 NORTH/SOUTH AT 608	TC-8	25	CROSS SECTIONS (3)		
TRAFFIC CONTROL PLAN - ROAD CLOSURE DETOUR PLAN INTERSECTING STREETS	TC-9	26			
PAVEMENT MARKING DETAIL	PMD-1	27		0001	0000
			STA. 849+00 TO STA. 854+00 (S.R. 19)	9001 -	- 9003
VEGETATION SCHEDULE	VS-1	28			
			TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) = (68) MISSISSIPPI DEPARTMENT	OF TRANSI	PORTATION
⊎ Z RIGHT-OF-WAY MARKER	RW-1	29		Ş ~ -	· []
			PS & E PLANS - DATE (11/13/2019)	Г	OF TRAD
RIGHT-OF-WAY MARKER COORDINATES	RWC-1	30	REVISIONS DATE SHEET NO. BY		
			DATE SHEET NO. BY 12/16/20 1 AH DETAIL IN	$NDEX \not\parallel$	
$rac{1}{2}$ PERMANENT SIGNING PLANS (2)				//	
					\$31551PP
⁸ PERMANENT SIGNING PLAN	PSP-1	1001	PROJECT NBCR-0026-0	11(Ø79) v	WORKING NUMBER
SIGNING REMOVAL PLAN	SRP-1	1002			DI-1
			비 발 FILENAME: <u>02_DI.DGN</u>		SHEET NUMBER
$\frac{2}{\Sigma}$			DESIGN TEAM BKI CHECKED	DATE	

PROJECT NO.

BR-0026-01(079)

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.
- 35% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- 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) 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.
- (10) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (11) 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)
- (12) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (13) 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.
- (14) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- (15) THE CONTRACTOR SHALL COVER OR REMOVE ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT NOT APPLY TO THE CURRENT PHASE.
- (16) ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

- (17) 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.
- (18) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (19) 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.
- (20) 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.
- (21) PRIOR TO EARTHWORK OPERATIONS. THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED. IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS. OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.
- (22) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (23) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (24) 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.
- (25) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV 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) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (28) 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.
- (29) 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.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO. BR-0026-01(079) **COUNTY: NESHOBA**

FILENAME: Ø3_GN.DGN

DESIGN TEAM <u>BKI</u> CHECKED_

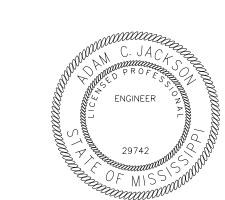
SHEET NUMBER

GN-1

PROJECT NO. BR-ØØ26-Ø1(Ø79)

GENERAL NOTES (CONT.)

- (30) 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.
- (31) 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.
- (32) 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.
- (33) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT OPERATIONS IN A MANNER NOT TO DISTURB THE EXISTING MONITORING WELL.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO. BR-0026-01(079) COUNTY: NESHOBA

ILENAME: Ø3_GN.DGN