# 1st O.REV.

#### **GENERAL INDEX**

T	ICLUDED HIS ROJECT	BEGIN WITH SHEET
$\boxtimes$	ROADWAY	1
	PERMANENT SIGNS	1001
	TRAFFIC SIGNALS	2001
	ITS COMPONENTS	3001
	LIGHTING	4001
	(RESERVED)	5001
$\boxtimes$	ROADWAY STANDARD DWGS	6001
	BOX CULVERT STD. DRAWINGS (LRFD) .	7001
	BOX CULVERT STD. DRAWINGS (STD. SP	EC.)7501
	BRIDGE	8001
$\boxtimes$	CROSS SECTIONS	9001

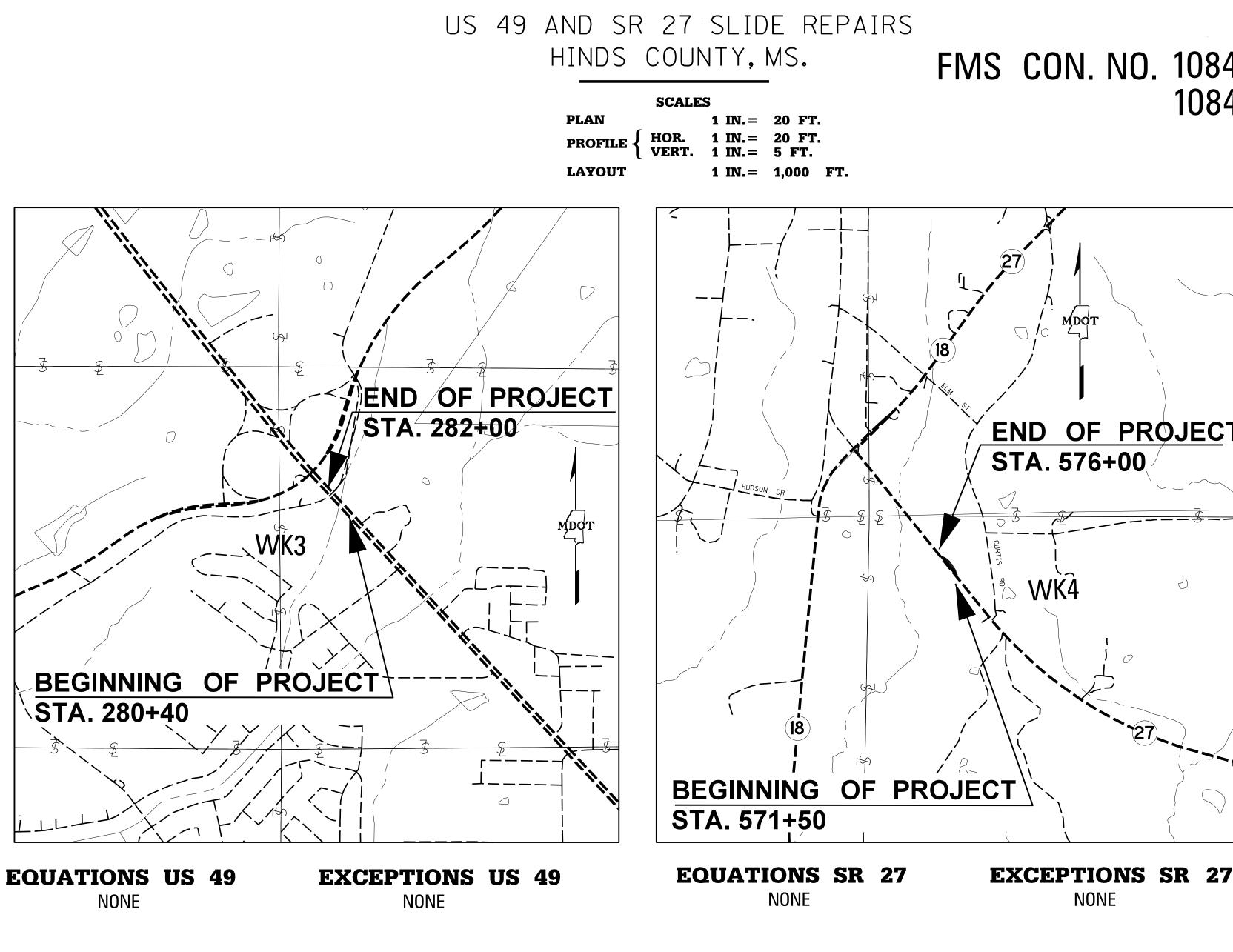
# PLAN AND PROFILE OF PROPOSED **STATE HIGHWAY** FEDERAL AID PROJECT NO. ER-0008-03(060

### **BRIDGE STRUCTURES REQ'D.** NONE

### BOX BRIDGES REQ'D. NONE

#### **CONVENTIONAL SYMBOLS**

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



### LENGTH DATA

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

#### **STATE OF MISSISSIPPI**

#### **MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

160.00 F	T.	0.030	MI.
0.00 F	Т.	0.00	MI.
		0.030	MI.
0.00 F	Τ.	0.000	MI.
160.00 F	T.	0.030	MI.

### LENGTH DATA

LENGTH OF ROADWAY	450.00 FT.	Ø.Ø85 MI.
LENGTH OF BRIDGES	0.00 FT.	Ø.ØØ MI.
LENGTH OF PROJECT (NET)		Ø.Ø85 ML
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	450.00 FT.	Ø.Ø85 MI.

ER-0008-03(060)

# P. E. ER-0008-03(060) 108474 /101000

	STATE	PROJECT NUMBER	SHEET NO.
	MISSISSIP	PI ER-0008-03(060)	1
301000–US 49 301000–SR 27	REAL REAL STA NOTE INDICATES LOCATION LAT.: N	HOUSTON HOUSTON HOUSTON HOUSTON HOUSTON HOUSTON HAVEN TON HAVEN HAVEN HATTIESBURG TE MAP GULFPORT GULFT G	LUCEDALE
	<u>5</u>	DESIGN CONTROL SR <u>5</u> MPH = V (SPEED DESIG ( $2020$ ) = X,XXX : ADT ( $2040$ )	N) = <u>XX,XXX</u>
WATERS WETLA NATIONWIDE #14 N NATIONWIDE (OTHER)* Y GENERAL* N	J NAT J NAT	Waters IONWIDE #14 IONWIDE (OTHER)* ERAL*	WETLANDS N N N N N
STORMWATER PERMIT S		STORMWATER PERMIT	SA
	$301000-SR 27$ $\underline{DESIGN CONTROL US 49}$ $\underline{45} MPH = V (SPEED DESIGN)$ $ADT (2020) = X,XXX : ADT (2040) = XX,XX$ $DHV = X,XXX : D = XX \% T = XX$ $\underline{NTIONWIDE + 14} N = XX \%$ $\underline{NATIONWIDE + 14} N = N$ $\underline{NATIONWIDE + 14} N = N$ $\underline{NATIONWIDE + 14} N = N$	301000—US 49         301000—SR 27         Image: state	301000-US 49 301000-SR 27         301000-US 49 301000-SR 27         Matter Market State Map 45 MPH = V (SPEED DESIGN) ADT (2020) = XXXX : ADT (2040) = XXXXX DHV = _XXX : D = _XX % T = _XX %         Matter V (SPEED DESIGN) ADT (2020) = XXXX : ADT (2040) = XXXXX DHV = _XXXX : D = _XX % T = _XX %         PERMITS ACQUIRED BY MDDT WETLANDS AND WATERS PERMITS WATERS WETLANDS NATIONWVIDE (0THER)* Y N GENERAL*

7/19/22 PS&EDATE: PROVED: DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER EXECUTIVE DIRECTOR Date: <u>8/09/22</u>

HINDS COUNTY

#### **DESCRIPTION OF SHEET**

TITLE SHEET (1)

DETAILED INDEX - ROADWAY

GENERAL NOTES GENERAL NOTES

#### **TYPICAL SECTION SHEETS (1)**

US 49 & SR 27 SLOPE REPAIR

#### SUMMARY OF QUANTITY SHEETS (2)

SUMMARY OF QUANTITIES - US 49 SUMMARY OF QUANTITIES - SR 27

#### **ESTIMATED QUANTITY SHEETS (5)**

ESTIMATED QUANTITY - SUMMARY OF DRAINAGE & JUNCTION BOX ESTIMATED QUANTITY - ESTIMATED EARTHWORK ESTIMATED QUANTITY - CONSTRUCTION SIGNING - US 49 **ESTIMATED QUANTITY - CONSTRUCTION SIGNING - SR 27** ESTIMATED QUANTITY - TRAFFIC CONTROL

#### PLAN & PROFILE SHEETS (2)

US 49 SLIDE REPAIR - B.O.P. STA. 280+40 TO E.O.P. STA. 282+00 SR 27 SLIDE REPAIR - B.O.P. STA. 571+50 TO E.O.P.STA. 576+00

#### SPECIAL DESIGN SHEETS (10)

## **CONSTRUCTION SIGNING SHEETS (2)**

CONSTRUCTION SIGNING - US 49 SB CONSTRUCTION SIGNING - SR 27 NB

#### TRAFFIC CONTROL SHEETS (2)

TRAFFIC CONTROL - US 49 SLOPE REPAIR TRAFFIC CONTROL - US 49 SLOPE REPAIR

#### PRELIMINARY EROSION CONTROL PLANS (2)

US 49 SLIDE REPAIR - B.O.P. STA. 280+40 TO E.O.P. STA. 282+00 SR 27 SLIDE REPAIR - B.O.P. STA. 571+50 TO E.O.P.STA. 576+00

#### MISCELLANEOUS - SPECIAL DESIGN SHEETS (4)

**RIGHT-OF-WAY COORDINATE SHEET** SITE MAP - US 49 SITE MAP - SR 27 VEGETATION SCHEDULE

				FMS CON: 108474/301000
				STATE PROJECT NO.
WK.	SH.		ľ	MISS. ER-0008-03(060)
SH.	NO.			
	1	DESCRIPTION OF SHEET	WK. SH.	SH.
		STANDARD DRAWINGS ( 30 )	эп.	NO.
DI-1	2			
GN-1	3	TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
GN-2	4	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
		DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
		DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	
		TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY	ECD-5	6105
TS-1	5			
		DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	
		DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	
			ECD-8	
SQ-1	6	ROCK FILTER DAM	ECD-9	
SQ-2	7	ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	
		STABILIZED CONSTRUCTION ENTRANCE	ECD-16	
		DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK SEDIMENT RETENTION BARRIER	ECD-2 <sup>2</sup> ECD-22	
		DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
EQ-1	8	DITCH TREATMENT INSTALLATION DETAILS FOR SOIL REINFORCING MAT	DT-1A	
EQ-2	9	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	BAS-A	
EQ-3	10	SUPER SILT FENCE	SSF-1	
EQ-4	11	EROSION CONTROL BLANKET	ECB-1	
EQ-5	12	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	
		SHORT DURATION CLOSURE OF TWO LANE TWO WAY HIGHWAYS	TCP-6	
		HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	
		TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	
3	13	RIGHT-OF-WAY MARKERS	RW-1	6401
4	14	RURAL DRIVEWAYS	RD-1	6403
		TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS	GT-1	6404
		MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS, 2. EXCAVATION AT GRADE POINTS	MDS-1	6425
		PIPE CULVERT INSTALLATION	PI-1	6501
		CONCRETE PIPE COLLAR	PC-1	6503
<u> </u>	4 5	JUNCTION BOX FOR PIPE CULVERTS	JB-1	6504
CS-1	15	FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530
CS-2	16	JUNCTION BOX FOR PIPE CULVERTS		
		<u>CROSS SECTION SHEETS (8)</u>		
TC1-1	17	US 49 MAINLINE		9001-9005
TC1-2	18	SR 27 MAINLINE		9006-9008
		TOTAL SHEETS =		62
	1.			
ECP3	19			
ECP4	20			
		PS & E PLANS-DATE: 7/19/22		
RW-1	21	FMS CON.: 108474 / 301000		Γ ΤΟ ΑΝΙΩΠΛΟΤΑΤΙΛΝΙ
SM-49	22	FMS CON.: 108476 / 301000		F TRANSPORTATION
SM-27	23	REVISIONS DETAILED IND		
VS-1	24	DATE SHEET NO. BY	27	NI OT I KANSAOA
		8/9/22 1 KJC		DEPART OF
		NO. 10497 OF THE REPART OF THE		
		Entre Googh i Elm		JJJJJ
			(UJ1) & ER-00	JUO-UJ(UOU) WORKING NUMPED



- (1) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE (11) WIRE FENCE BACKING WILL BE REQUIRED F 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 WITH PLASTIC INSERTS AND BITUMINOUS SEALER, TO THE SATISFACTION OF THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
- (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 SHALL BE ABSORBED IN OTHER BID ITEMS.
- (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.

# GENERAL NOTES

- (12) SOME WORK IS REQUIRED OUTSIDE THE PE MADE FOR SUCH WORK EXCEPT AS PROVID
- (13) FOR LIST OF PUBLIC UTILITIES, SEE WORKIN
- (14) FLUORESCENT ORANGE SHEETING SHALL E SIGNS EXCEPT FOR THOSE DESIGNATED OF BACKGROUND.
- (15) VEGETATIVE MATERIAL WILL BE REMOVED OF WHICH SHALL BE ABSORBED IN OTHER
- (16) THE CONTRACTOR SHALL COVER OR REMO TRAFFIC CONTROL PLAN THAT DO NOT AP
- (17) ALL EXISTING SIGNS WHICH ARE TO BE REAL CONFLICT WITH CONSTRUCTION SHALL REAL UNLESS NOTED OR DIRECTED OTHERWISE ARE IN CONFLICT WITH CONSTRUCTION SHALL SHALL SHALL AS DIRECTED BY THE ENGINEER, THE COST
- (18) THE CONTRACTOR SHALL REPAIR ANY DAM DURING CONSTRUCTION. ANY REPAIR TO THE MISSISSIPPI STANDARD SPECIFICATIO BE MADE FOR REPAIR OF DAMAGED SHOUL
- (19) THE EROSION CONTROL DEVICES REFERENT THE RESPONSIBILITY OF THE CONTRACTOR OR CONTAMINATE WATERS OF THE U.S. DU EROSION CONTROL PLAN PRIOR TO COMM CONSTRUCTION. ANY ADDITIONAL SILT BAS CONTRACTOR'S EROSION CONTROL PLAN

	FMS CO	N: 108474/301000
	STATE	PROJECT NO.
	MISS.	ER-0008-03(060)
FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)		
ROJECT LIMITS. NO ADDITIONAL COMPENSATION IDED BY SPECIFIC PAY ITEMS INCLUDED IN THE F		E
NG SHEET NO. 3.		
BE USED ON ALL CONSTRUCTION AND TRAFFIC ( ON THE PLANS TO BE BLACK LEGEND AND BORDE		
PRIOR TO PLACEMENT OF GRANULAR MATERIAI ITEMS BID.	THE C	COST
OVE ANY TEMPORARY TRAFFIC CONTROL SIGNS PPLY TO THE CURRENT PHASE.	SHOWN	N IN THE
MOVED AS A PART OF THIS PROJECT THAT ARE I MAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLE BY THE PROJECT ENGINEER. ROADWAY SIGNS ALL BE REMOVED AND RELOCATED BY THE CON T OF WHICH SHALL BE ABSORBED IN OTHER ITEN	D THAT ITRACT	OR
MAGE TO THE SURFACE TREATED SHOULDER TH SHOULDER WILL BE IN ACCORDANCE WITH SEC INS FOR ROAD AND BRIDGE CONSTRUCTION. NO	TION 41	0 OF
NCED IN THESE PLANS ARE A MINIMUM REQUIRE R TO ENSURE THAT SILT DOES NOT LEAVE THE I OURING CONSTRUCTION. THE CONTRACTOR SHA MENCEMENT OF WORK AND MAINTAIN THE PLAN SINS NOT SHOWN IN THE PLANS SHALL BE INCLU PRIOR TO SUBMITTING FOR APPROVAL.	RIGHT C LL SUBN DURING	DF WAY MIT AN
	Date: 7/19	
☐ ☐ ☐ MISSISSIPPI DEPARTMENT ( GENERAL NOTES	DF TRAN	
SR 27 AND US 49		TRANSPORTATI

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PROJ. NO.: ER-0054-02(031) & ER-0008-03(060) COUNTY: HINDS	working number GN-1
੫ FILENAME: <b>GN-1.dgn</b> ਰesign team <mark>Michael Baker Intl.</mark> checked <b>KJC</b> date <b>2022</b>	SHEET NUMBER

- PRIOR TO EARTHWORK OPERATIONS, THE EXISTING 4" OF TOPSOIL IS TO BE STRIPPED AND STOCK-(20) PILED. 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.
- (21) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (22) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (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) IF POLYACRYLAMIDE (PAM) POLYMER IS USED FOR EROSION CONTROL OF SOIL ON CONSTRUCTION SITES, WRITTEN NOTIFICATION OF THE USED PAM SHALL BE INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN/EROSION CONTROL PLAN SUBMITTED TO MISSISSIPPI DEPARTMENT OF ENVIRON-MENTAL QUALITY. THIS NOTIFICATION SHALL INCLUDE A WRITTEN PLAN FOR THE SPECIFIC APPLICATION AREA(S) WHICH WILL DESCRIBE: HOW UNIFORM COVERAGE WILL BE ENSURED AND HOW APPLICATION ONTO NON-TARGET AREAS INCLUDING WATERS OF THE STATES WILL BE PREVENTED. PAM SHALL MEET THE REQUIREMENTS OF SPECIAL PROVISIONS NO. 907-250-A001. THERE SHALL BE NO DISCHARGE OF PAM INTO STATE WATERS.
- (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) 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.
- (28) 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.

	FMS CO	N: 108474/301000
	STATE	PROJECT NO.
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		<b>DF MISBIS</b>
	Date: <u>7</u>	/19/2022
MISSISSIPPI DEPARTMENT	OF TRAN	SPORTATION
GENERAL NOTES	~~ II\4 \ 4	

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	REVISION	US 49 AND SR 27 SLOPE REPAIR	ANSPORTATION DE LA FARMA
		PROJ. NO.: ER-0054-02(031) & ER-0008-03(060) COUNTY: HINDS	WORKING NUMBER
	DATE	FILENAME: <b>GN-2.dgn</b> DESIGN TEAM Michael Baker Intl. CHECKED KJC DATE 2022	SHEET NUMBER <b>4</b>