

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	EXB-0008-01(111)	1

**GENERAL INDEX**

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<input type="checkbox"/> TRAFFIC SIGNALS .....	2001
<input type="checkbox"/> ITS COMPONENTS .....	3001
<input type="checkbox"/> LIGHTING .....	4001
<input type="checkbox"/> (RESERVED) .....	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS ..	6001
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<input checked="" type="checkbox"/> BRIDGE .....	8001
<input checked="" type="checkbox"/> CROSS SECTIONS .....	9001

STATE OF MISSISSIPPI

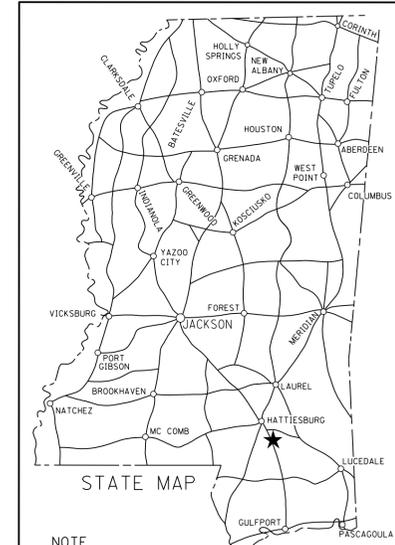
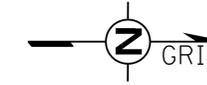
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE AID PROJECT NO. EXB-0008-01(111)

US 49 REPLACE 5 BRIDGES BETWEEN BROOKLYN & CAMP SHELBY FORREST COUNTY FMS CONST 105273301000

**SCALES**

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



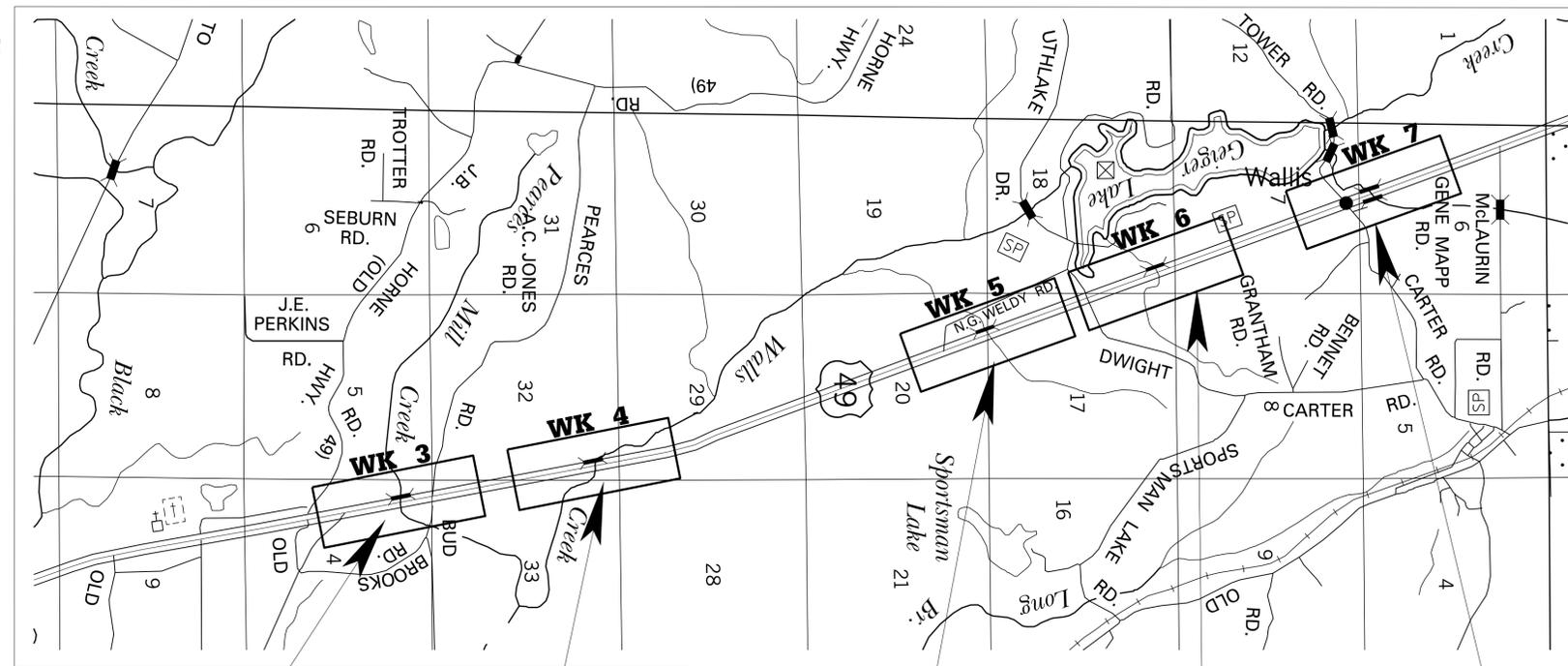
NOTE  
★ INDICATES APPROXIMATE LOCATION OF PROJECT.  
LAT. 31° 07' 38.78" N LONG. 89° 13' 35.97" W (APPROX. MIDDLE OF PROJECT)

**BRIDGE STRUCTURES REQ'D.**

- SITE 2 STA. 248+09.208 TO STA. 251+00.792  
1@40', 1@60', 1@90', 1@60', 1@40' SPAN BRIDGE
- SITE 5 STA. 482+96.701 TO STA. 484+49.299  
3@50' SKEWED 30° RIGHT FORWARD BRIDGE

**BOX BRIDGES REQ'D.**

- SITE 1 STA. 192+62, 180 L.F. DBL. 14'x10'
- SITE 3 STA. 368+00, 135 L.F. DBL. 10'x5'



+/- 6 MILES TO HATTIESBURG

- SITE 1 BRIDGE No. 51.4A
- SITE 2 BRIDGE No. 52.5
- SITE 3 BRIDGE No. 54.7
- SITE 4 BRIDGE No. 56.3
- SITE 5 BRIDGE No. 57.0A

**GPS CONTROL NOTES**

HORIZONTAL DATUM: NAD 83/93 MS EAST 2301 ZONE (US SURVEY FEET)		
HORIZONTAL MONUMENT	NORTH	EAST
RUTH	674653.205	9522221.584
EDM	634706.044	846692.102
DIXIE	546210.617	868931.893

VERTICAL DATUM: NAVD 88 (US SURVEY FEET)	
VERTICAL MONUMENT	ELEVATION

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET  
**CONVERSION VALUES**  
 GROUND TO GRID (COMBINED) FACTOR 0.999959908  
 GRID TO GEODETIC AZIMUTH -00°12'12"

**EQUATIONS**  
NONE

**LENGTH DATA**

	SITE 1 NB STA. 183+90 - STA. 200+10	SITE 1 SB STA. 183+90 - STA. 200+10	SITE 2 STA. 239+90 - STA. 259+12	SITE 3 STA. 361+00 - STA. 375+00
LENGTH OF ROADWAY	1620 FT.	1620 FT.	1632 FT.	1400 FT.
LENGTH OF BRIDGES	0 FT.	0 FT.	291.583 FT.	0 FT.
LENGTH OF PROJECT (NET)	1620 FT.	1620 FT.	1923.583 FT.	1400 FT.
LENGTH OF EXCEPTIONS	FT.	MI.	FT.	MI.
LENGTH OF PROJECT (GROSS)	1620 FT.	1620 FT.	1923.583 FT.	1400 FT.

	SITE 4 STA. 444+39 - STA. 451+00	SITE 5 STA. 472+90 - STA. 498+10	PROJECT TOTAL
LENGTH OF ROADWAY	661 FT.	2370 FT.	9303 FT.
LENGTH OF BRIDGES	0 FT.	152.594 FT.	444.177 FT.
LENGTH OF PROJECT (NET)	661 FT.	2522.594 FT.	9747.177 FT.
LENGTH OF EXCEPTIONS	FT.	MI.	FT.
LENGTH OF PROJECT (GROSS)	661 FT.	2522.594 FT.	9747.177 FT.

**EXCEPTIONS**

**DESIGN CONTROL**  
65 MPH = V (SPEED DESIGN)

ADT (2015) = 15,000; ADT (2035) = 25,000  
 DHV = 2800; D = 60%; T = 16%

**PERMITS ACQUIRED BY MDOT**

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

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

\* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT  Y

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: 12 /01/2015

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



11/30/2015 2:30 PM L.L. DON

1st O.REV.

STATE	PROJECT NO.
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TITLE SHEET (1)		1	SPECIAL DESIGN SHEETS - ROADWAY SHEETS ( CONTINUED )		
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			DETAILS OF CONSTRUCTION SIGNING, SITE 3, 4, & 5	DCS-2	43
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ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-6	24	BRIDGE END PAVEMENT (WITH RAIL, OVERLAY, & SLEEPER SLAB)	BEPR-SS	68
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C. BRELAND		
PS & E PLANS-DATE 12-1-15		
FMS CON. #105273/301000		
REVISIONS		
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4/11/16	17	CLB

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		<b>HWY. 49</b>	
		COUNTY: FORREST	
		PROJ. NUM.: EXB-0008-01(111)	
		FILENAME: DI.DGN	
		DESIGN TEAM	BRELAND CHECKED DATE
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SPECIAL DESIGN SHEETS - ROADWAY SHEETS ( CONTINUED )

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FLARED END SECTION FOR CONCRETE PIPE		FE-1	6328
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HEADWALLS FOR CONCRETE PIPE 3:1 SLOPE - 0°-15° SKEW		HW-3100	6343
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SPECIAL DESIGN BRIDGE SHEETS (SEE BRIDGE SHEETS BEGINNING ON 8001)

CROSS SECTIONS (23)	
MAIN FACILITY : SITE 1 - HWY 49 SOUTH BOUND - ( STA. 184+00 - STA. 200+00 )	
MAIN FACILITY : SITE 1 - HWY 49 NORTH BOUND - ( STA. 184+00 - STA. 200+00 )	
MAIN FACILITY : SITE 2 - HWY 49 - ( STA. 240+00 - STA. 257+82.90 )	
MAIN FACILITY : SITE 3 - HWY 49 - ( STA. 358+00 - STA. 377+00 )	
MAIN FACILITY : SITE 4 - HWY 49 - ( STA. 445+00 - STA. 451+00 )	
MAIN FACILITY : SITE 5 - HWY 49 - ( STA. 472+00 - STA. 499+00 )	

TOTAL SHEETS (188) (NOT INCLUDING BRIDGE SHEETS)

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**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) A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
- (5) 20% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- (6) 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.
- (7) 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 BID ITEMS.
- (8) 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.
- (9) 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.
- (10) 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.
- (11) SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
- (12) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (13) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3LT.
- (14) 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.
- (15) SMALL AMOUNTS OF EXCAVATION MAY BE NECESSARY AT SOME OF THE SITES. THIS MATERIAL MAY BE USED AS E.S.F.E. MATERIAL AND WILL BE PAID FOR AS BORROW. NO E.S.F.E. MATERIAL SHALL BE REMOVED FROM THE PROJECT WITHOUT THE APPROVAL OF THE ENGINEER.

**GENERAL NOTES (CONT.)**

- (16) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF SHOULDER MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
- (17) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (18) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE
- (19) 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.
- (20) 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.
- (21) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (22) 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.
- (23) 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 AT THE PRECONSTRUCTION CONFERENCE OR 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.
- (24) PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" OF 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.
- (25) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (26) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

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		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		<b>GENERAL NOTES</b>	
		<b>HWY. 49</b>	
		COUNTY: FORREST	
		PROJ. NUM.: EXB-0008-01(111)	
		FILENAME: GN.DGN	
		DESIGN TEAM BRELAND CHECKED DATE	
REVISION	BY		
DATE		WORKING NUMBER	GN-1
		SHEET NUMBER	5

STATE	PROJECT NO.
MISS.	EXB-0008-01(111)

GENERAL NOTES

GENERAL NOTES (CONT.)

- (27) ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH A SANFORD MEANSTREAK WATERPROOF FORMULA PERMANENT MARKING STICK.
- (28) 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.
- (29) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (30) 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.
- (31) AT THE LOCATIONS OF THE PROPOSED BOX BRIDGES, EXISTING PILES IN CONFLICT WITH CONSTRUCTION OF THE BRIDGE WILL BE REMOVED TO AN ELEVATION WHICH WILL PROVIDE A MINIMUM CLEARANCE OF AT LEAST 1 FOOT BETWEEN THE TOP OF PILE AND BOTTOM OF BOX BRIDGE SLAB.
- (32) THE CLEARING LIMITS ADJACENT TO THE STREAM(S) AT STATION(S) 192+50 (PEARCES MILL CREEK), 249+00 (WALLS CREEK), 368+00 (CREEK), 447+60 (CREEK) AND 483+50 (MORRIS BRANCH) WILL BE LIMITED TO NO FURTHER THAN TEN (10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY(50) FEET FROM THE TOP OF THE BANKS.
- (33) NO ONE-LANE TRAFFIC NORTHBOUND FOR SITES 1 AND 2, FROM STA. 183+90 THRU STA. 260+00 FROM JUNE 1 TO NOVEMBER 1.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>GENERAL NOTES</b>	
<b>HWY. 49</b>	
COUNTY: FORREST	
PROJ. NUM.: EXB-0008-01(111)	
FILENAME: GN.DGN	WORKING NUMBER
GN.DGN	GN-2
DESIGN TEAM BRELAND	CHECKED
DATE	SHEET NUMBER
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