

# STATE OF MISSISSIPPI

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

### PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL PROJECT NO. STBG-9999-05(379)

**SLIDE REPAIR  
I-55 SOUTH OF GLUCKSTADT ROAD  
MADISON COUNTY**

**FMS CON NO. 107998/301000**

**GENERAL INDEX**

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY .....	1
<input type="checkbox"/> PERMANENT SIGNS .....	1001
<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
<input type="checkbox"/> BRIDGE STANDARD DWGS .....	7001
<input type="checkbox"/> BRIDGE .....	8001
<input checked="" type="checkbox"/> CROSS SECTIONS .....	9001

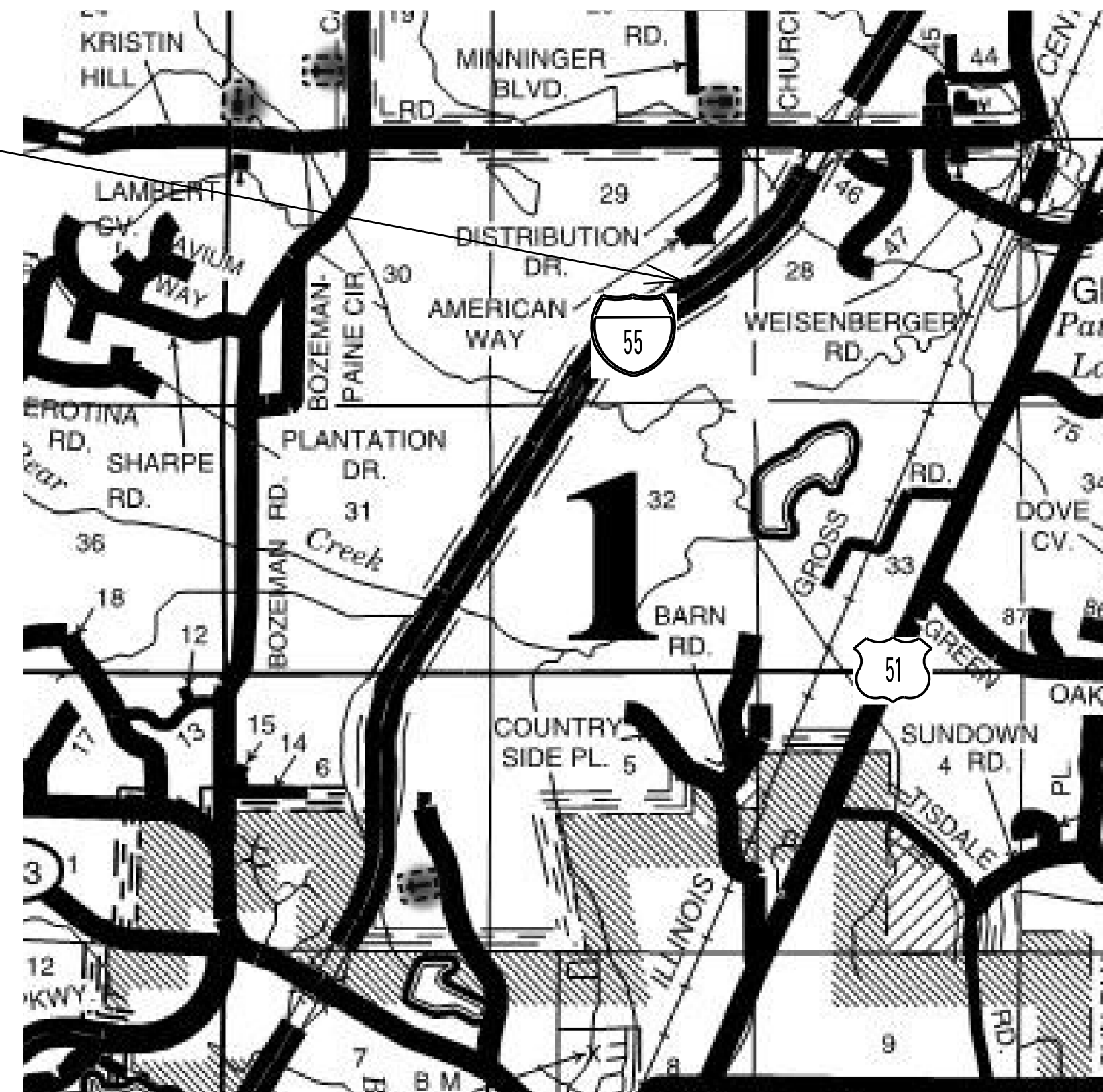
**BRIDGE STRUCTURES REQ'D.**  
NONE

**BOX BRIDGES REQ'D.**  
NONE

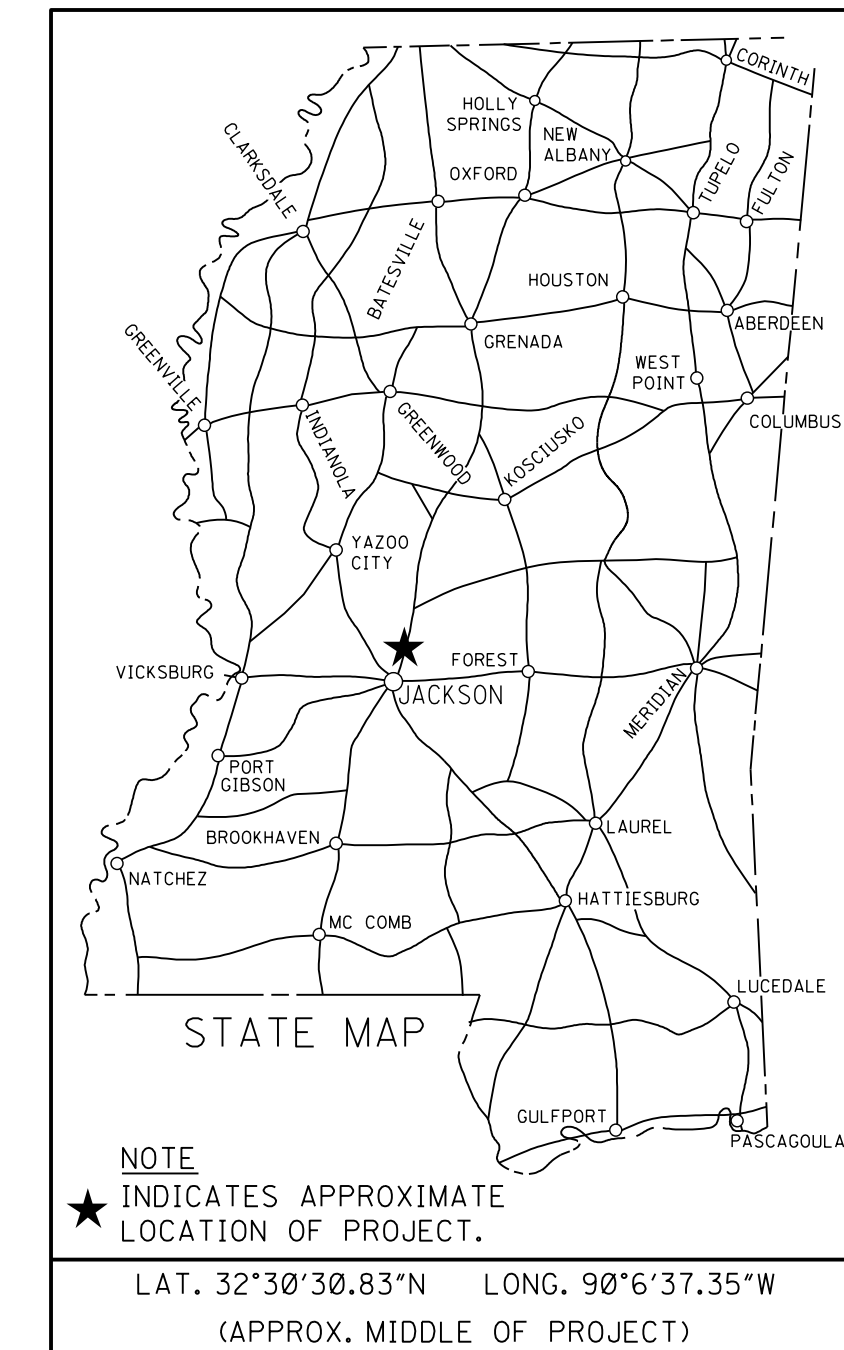
**SCALES**

<b>PLAN</b>	1 IN. = 100 FT.
<b>PROFILE</b> {	<b>HOR.</b> 1 IN. = 100 FT.
	<b>VERT.</b> 1 IN. = 10 FT.
<b>LAYOUT</b>	1 IN. = 2500 FT.

MADISON CO.  
PROJECT  
LOCATION



STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STBG-9999-05(379)	1



PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR		
STORMWATER PERMIT [S]		
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)	
S	REQUIRED, CNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: _____		

**CONVENTIONAL SYMBOLS**

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



P S & E DATE: 10/28/20

APPROVED: \_\_\_\_\_  
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR \_\_\_\_\_



10/28/2020 3:21 PM TLE.DGN

STATE	PROJECT NO.
MISS.	STBG-9999-05(379)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
<b>TITLE SHEET (1)</b>			<b>STANDARD DRAWINGS (38)</b>		
TITLE	1	1	BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	BE-1	6007
<b>DETAILED INDEX &amp; GENERAL NOTES (4)</b>			TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
DETAILED INDEX	DI-1	2	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
DETAILED INDEX	DI-2	3	DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
GENERAL NOTES	GN-1	4	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
GENERAL NOTES	GN-2	5	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5	6105
<b>QUANTITY SHEETS (3)</b>			DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
SUMMARY OF QUANTITIES	SQ-1	6	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
ESTIMATED QUANTITIES- REMOVAL ITEMS, ESTIMATED EARTHWORK, EROSION CONTROL ITEMS, GUARD RAIL REQUIRED, TRAFFIC CONTROL ITEMS	EQ-1	7	ROCK DITCH CHECK	ECD-8	6108
ESTIMATED QUANTITIES- TRAFFIC CONTROL SIGNS	TCP-Q	8	ROCK FILTER DAM	ECD-9	6109
<b>SITE 1 - MADISON COUNTY (12)</b>			ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
LANDSLIDE AERIAL VIEW SITE 1	LS-1	9	TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
CONSTRUCTION SEQUENCE SITE 1	CS-1	10	INLET PROTECTION DETAILS FOR SEDIMENT CONTROL		
EXISTING CONDITIONS PLAN- SITE 1 LANDSLIDE REMEDIATION	PL-1	11	STONE ON GRADES AND SAGS	ECD-12	6112
FINAL GRADING PLAN - SITE 1 LANDSLIDE REMEDIATION	PL-2	12	INLET PROTECTION OF DETAILS OF WATTLES	ECD-13	6113
TYPICAL SECTION A-A' - SITE 1 LANDSLIDE REMEDIATION	TS-1	13	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
TYPICAL SECTION B-B' - SITE 1 LANDSLIDE REMEDIATION - PHASE 1	TS-2	14	INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
TYPICAL SECTION B-B' - SITE 1 LANDSLIDE REMEDIATION - PHASE 2	TS-3	15	STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
BORING LOGS (SHEET 1 OF 2) - SITE 1 LANDSLIDE REMEDIATION	BL-1	16	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
BORING LOGS (SHEET 2 OF 2) - SITE 1 LANDSLIDE REMEDIATION	BL-2	17	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	BAS-A	6125
DETAIL SHEET - CONCRETE HEADWALL	DET-1	18	GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B	6203
VEGETATION SCHEDULE	VS-1	19	GUARDRAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)	GR-3	6212
EROSION CONTROL PLAN - SITE 1 LANDSLIDE REMEDIATION	ECP-1	20	GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	GR-4B	6216
<b>TRAFFIC CONTROL PLANS SHEETS (2)</b>			GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
DETAIL OF CONSTRUCTION SIGNING	DCS-1	21	CONCRETE MEDIAN BARRIER (PRECAST) (32")	CMB-3	6226
TRAFFIC CONTROL PLAN	TCP-1	22	TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS	SN-5	6309
			BREAKAWAY SIGN SUPPORTS	SN-6	6310
			BREAKAWAY SIGN SUPPORTS	SN-6A	6311

10/28/2020 3:22 PM DI.DGN

PS & E PLANS-DATE 10/28/20		
FMS CON. * 107998-301000		
REVISIONS		
DATE	SHEET NO.	BY



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
COUNTY: MADISON PROJ. NUM.: STBG-9999-05(379) FILENAME: DI.DGN DESIGN TEAM VOLKERT CHECKED DATE	WORKING NUMBER <b>DI-1</b> SHEET NUMBER <b>2</b>



STATE	PROJECT NO.
MISS.	STBG-9999-05(379)

DESCRIPTION OF SHEET

	<u>WKG. NO.</u>	<u>SH. NO.</u>
BREAKAWAY SIGN SUPPORTS	<b>SN-6B</b>	<b>6312</b>
SIGN FACE CONST. AND ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	<b>SN-7</b>	<b>6313</b>
TYPICAL GUARDRAIL DELINEATION	<b>SN-8C</b>	<b>6317</b>
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	<b>TCP-5</b>	<b>6355</b>
LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)	<b>TCP-15</b>	<b>6365</b>
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	<b>TCP-16</b>	<b>6366</b>
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	<b>GT-1</b>	<b>6404</b>
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS	<b>MDS-1</b>	<b>6425</b>
SMALL ANIMAL GUARD AND UNDERDRAIN MARKER	<b>SAG-1</b>	<b>6529</b>
DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN	<b>UD-1</b>	<b>6533</b>
NORMAL UNDERDRAIN TYPE II	<b>UD-2</b>	<b>6534</b>

**CROSS SECTION SHEETS (07)**

<b>CROSS SECTIONS - I-55</b>	<b>9001-9007</b>
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**TOTAL SHEETS (67)**

10/5/2020 9:18 AM DI.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
COUNTY: MADISON	
PROJ. NUM.: STBG-9999-05(379)	
FILENAME: DI.DGN	WORKING NUMBER
DI-2	DI-2
DESIGN TEAM VOLKERT CHECKED DATE	SHEET NUMBER
	3





STATE	PROJECT NO.
MISS.	STBG-9999-05(379)

GENERAL NOTES

GENERAL NOTES (Rev. 8/18/17)

- (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) 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.
- (7) 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.
- (8) 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.
- (9) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (10) LIST OF PUBLIC UTILITIES  
A. BEAR CREEK WATER ASSOCIATION (WATER AND SEWER) - (601) 856-5969
- (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 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.
- (13) THE CONTRACTOR SHALL COVER OR REMOVE ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

GENERAL NOTES (CONT.)

- (14) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (15) 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.
- (16) 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.
- (17) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (18) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (19) 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.
- (20) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO [WWW.MDOT.MS.GOV](http://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.
- (21) 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.
- (22) 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.
- (23) 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.

9/25/2020 2:00 PM GN-1.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>GENERAL NOTES</b>	
COUNTY: MADISON	WORKING NUMBER GN-1
PROJ. NUM.: STBG-9999-05(379)	SHEET NUMBER 4
FILENAME: GN-1.DGN	
DESIGN TEAM VOLKERT	CHECKED _____ DATE _____

STATE	PROJECT NO.
MISS.	STBG-9999-05(379)

GENERAL NOTES (CONT.)

- (24) EXISTING SPECIFIC SERVICE (LOGO) SIGNS ARE TO REMAIN IN PLACE UNLESS NOTED IN THE PLANS OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. LOGO SIGNS THAT REQUIRE RELOCATION OR REMOVAL WILL BE DONE SO BY MISSISSIPPI LOGOS, INC. (601-853-7100).
- (25) MISSISSIPPI LOGOS SHALL BE NOTIFIED IF THERE ARE ANY CHANGES TO AN INTERCHANGE RAMP DESIGNATION OR CONFIGURATION.
- (26) 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.

10/5/2020 9:18 AM GN-1.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>GENERAL NOTES</b>	
COUNTY: MADISON	
PROJ. NUM.: STBG-9999-05(379)	
FILENAME: GN-1.DGN	WORKING NUMBER GN-2
DESIGN TEAM VOLKERT CHECKED DATE	SHEET NUMBER 5

