TRAFFIC SIGNALS ..... 2001

BRIDGE ..... 8001

**CROSS SECTIONS ..... 9001** 

 ITS COMPONENTS
 3001

 LIGHTING
 4001

 (RESERVED)
 5001

ROADWAY STANDARD DWGS ... 6001
BRIDGE STANDARD DWGS .... 7001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0474-00(003)

REPLACE BRIDGES #0.7 & #0.9 ON S.R. 895 (TOM BAILEY LAKE)

NORTH OF U.S. 80 LAUDERDALE COUNTY

FMS CON. NO. 102375/301000

### BRIDGE STRUCTURES REQ'D.

A STA. 36 + 55 BR. #0.7 3@40' LENGTH = 120 FT. ALONG C.L.

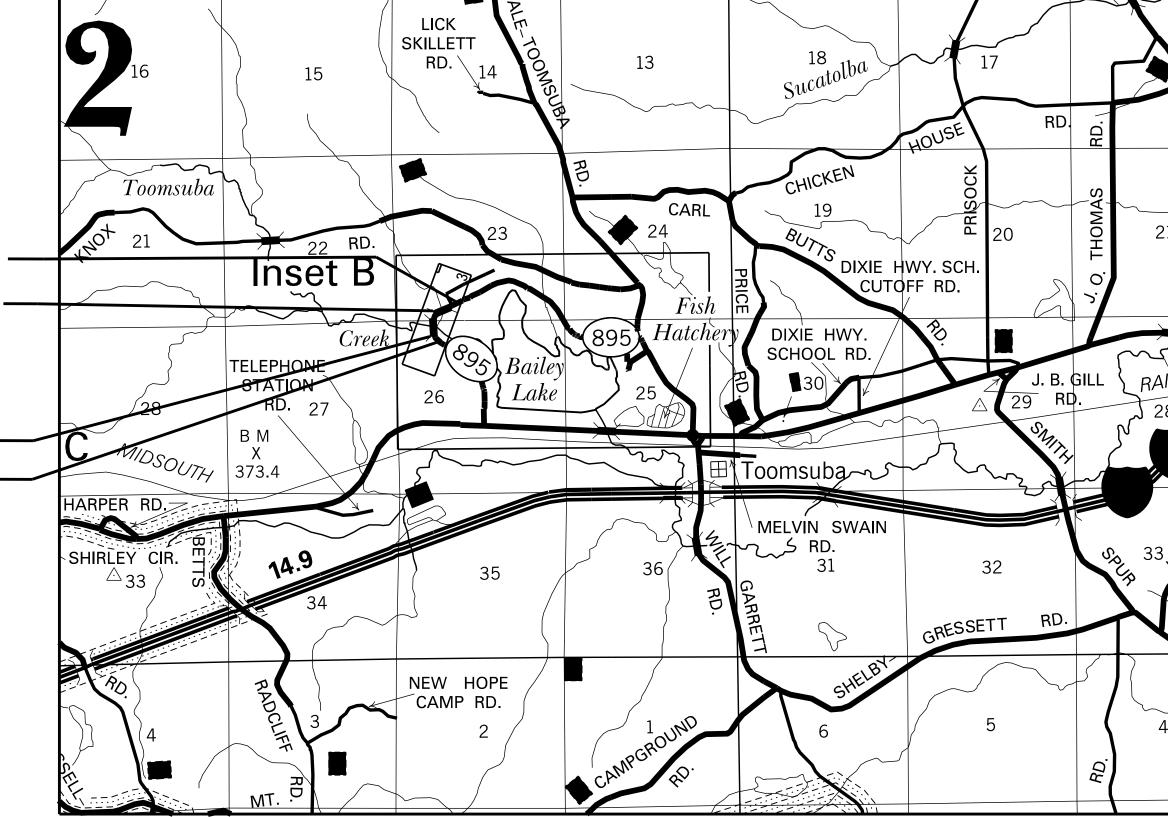
B) STA. 43 + 40 BR. #0.9 3@40' LENGTH = 120 FT. ALONG C.L.

BOX BRIDGES REQ'D.
NONE

EOP STA 47+25

B BR. NO. 0.9

A BR. NO. 0.7 -BOP STA 32+25 -



# **CONVENTIONAL SYMBOLS**

TOWN CORPORATION LINE

SECTION LINE

EXISTING ROAD OR TRAVELED WAY

PROPOSED ROAD OR TRAVELED WAY

RAILROAD

SURVEY LINE

BRIDGES

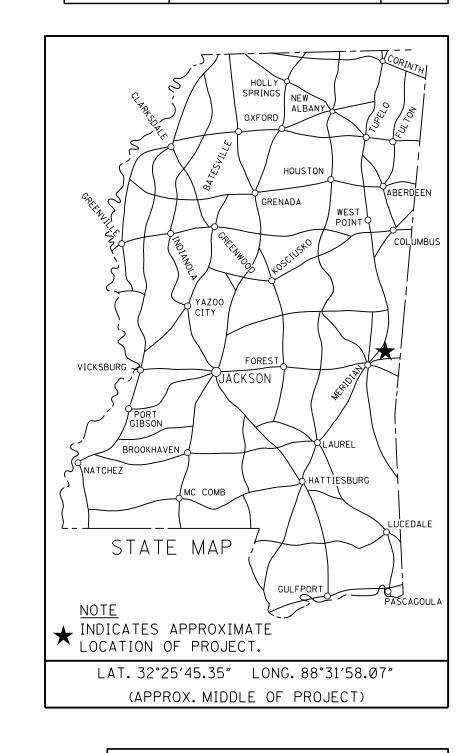
# LENGTH DATA

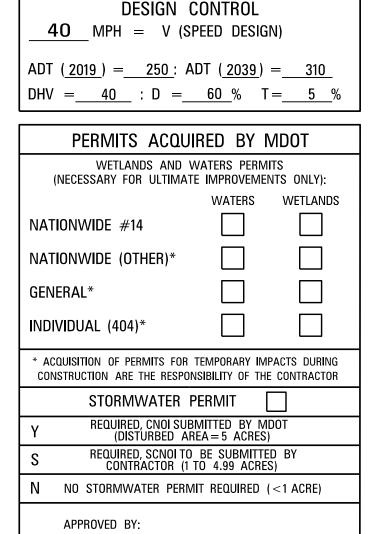
LENGIH	O٢	ROADWAY
LENGTH	0F	BRIDGES
LENGTH	0F	PROJECT (NET)
LENGTH	0F	EXCEPTIONS
LENGTH	0F	PROJECT (GROSS)

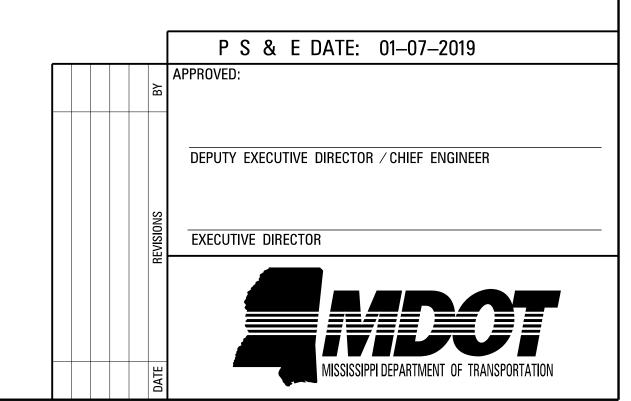
0.390	MI.
0.045	MI.
0.435	MI.
	MI.
Ø.435	MI.
	0.045 0.435

STATE PROJECT NUMBER SHEET NO.

MISSISSIPPI BR-0474-00(003) 1







SHEET NUMBER

FILENAME: **RWD-detindex.dgn**DESIGN TEAM **ROBERTS** CHECKED

200						PROJECT NO.
	Lst O.REV.					BR-0474-00(003)
	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. <u>NO.</u>
	TITLE SHEET (1)		1	SPECIAL DESIGN BRIDGE END PAVEMENT WITH RAIL AND OVERLAY GUARDRAIL SPECIAL DESIGN INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	SDBE-2 SDGR-4A	43 44
	DETAILED INDEX & GENERAL NOTES (4)			RIGHT OF WAY MARKER COORDINATE SHEET	ROW-COR	45
	DETAILED INDEX DETAILED INDEX GENERAL NOTES GENERAL NOTES	DI-1 DI-1 GN-1 GN-2	2 3 4 5	SURVEY CONTROL DATA SHEET  PERMANENT SIGNING (1)  PERMANENT SIGNING PLANS	SCD-1 PSP-1	46 1ØØ1
	TYPICAL SECTION SHEETS (4)					
	TYPICAL SECTION SHEETS - NEW CONSTRUCTION AND MILL & OVERLAY TYPICAL SECTION SHEETS - LOCAL ROAD (CEDAR LANE) TYPICAL SECTION SHEETS - MISCELLANEOUS DETAILS (NON-FLARED GUARD RAIL) TYPICAL SECTION SHEETS - MISCELLANEOUS DETAILS (DRVEWAYS/RAMPS)	TS-1 TS-2 TS-3 TS-4	6 7 8 9	STANDARD DRAWINGS (59)  BRIDGE END PAVEMENT RAIL (33.5" RAIL HEIGHT)	BER-1	6ØØ9
	QUANTITY SHEETS (10)			PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS 2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING	PM-1	6Ø51
	SUMMARY OF QUANTITY SUMMARY OF QUANTITY SUMMARY OF QUANTITY	SQ-1 SQ-2 SQ-3	1Ø 11 12	ROADS (2-LANE)  TYPICAL TEMPORARY EROSION SEDIMENT CONTROL/SEDIMENT	PM-11	6061
ATION	ESTIMATED QUANTITIES - REMOVAL & EROSION CONTROL ITEMS ESTIMATED QUANTITIES - TRAFFIC CONTROL & PAVEMENT MARKING ITEMS ESTIMATED QUANTITIES - DRIVEWAYS/RAMPS, SIDE DRAINS, & EARTHWORK	EQ-1 EQ-2 EQ-3	13 14 15	CONTROL APPLICATIONS  DETAILS OF SEDIMENT BARRIER APPLICATIONS  DETAILS OF SILT FENCE INSTALLATION  DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS	ECD-1 ECD-2 ECD-3	61Ø1 61Ø2 61Ø3
IGN DIVISION T OF TRANSPORTA	ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, BR. END PAVEMENT, & GUARD RAIL ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN (POST) ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS (PHASE I)	EQ-4 EQ-5 EQ-6 TCP-Q	16 17 18 19	AND DETAILS TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS) DETAILS OF EROSION CONTROL WATTLE DITCH CHECK DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-4 ECD-5 ECD-6 ECD-7	61Ø4 61Ø5 61Ø6 61Ø7
PL ROADWAY DE: SIPPI DEPARTMEI	PLAN AND PROFILE SHEETS (2)	7	0.0	ROCK DITCH CHECK ROCK FILTER DAM ROCK DITCH CHECK WITH SLUMP EXCAVATION	ECD-8 ECD-9	61Ø8 61Ø9
MISSISS	PLAN AND PROFILE SHEET - MAINLINE (BR. NO. Ø7 & BR. NO. Ø9) PLAN AND PROFILE SHEET - LOCAL ROAD (CEDAR LANE)	3 3A	2Ø 21	AND ROCK FILTER DAM TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION INLET PROTECTION DETAILS FOR SEDIMENT CONTROL	ECD-1Ø ECD-11	611Ø 6111
	SPECIAL DESIGN SHEETS (25)  TRAFFIC CONTROL - DETAIL OF CONSTRUCTION SIGNING TRAFFIC CONTROL - DETAIL OF CONSTRUCTION SIGNING TRAFFIC CONTROL - PHASE I	DCS-1 DCS-2 TC-1	22 23 24	STONE ON GRADES AND SAGS INLET PROTECTION DETAILS OF WATTLES INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE INLET PROTECTION DETAILS OF SANDBAGS STABILIZED CONSTRUCTION ENTRANCE	ECD-12 ECD-13 ECD-14 ECD-15 ECD-16	6112 6113 6114 6115 6116
	TRAFFIC CONTROL - PHASE I TRAFFIC CONTROL - PHASE I TRAFFIC CONTROL - PHASE II	TC-2 TC-3 TC-4 TC-5 TC-6	25 26 27 28 29	TEMPORARY STREAM DIVERSION TEMPORARY STREAM DIVERSION (BOX EXTENSION) FLOATING TURBIDITY CURTAIN DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK SEDIMENT RETENTION BARRIER	ECD-18 ECD-19 ECD-20 ECD-21 ECD-22	6118 6119 6120 6121 6122
	INTERSECTION DETAIL - CEDAR LANE PAVEMENT MARKING DETAIL - CEDAR LANE	ID-1 PM-1	3Ø 31	DETAILS OF TYPICAL DITCH TREATMENT DITCH TREATMENT - SOIL REINFORCING MAT TYPICAL TEMPORARY EROSION CONTROL MEASURES	DT-1 DT-1A	6123 6124
	FORMGRADES - S.R. 895 FORMGRADES - S.R. 895 FORMGRADES - S.R. 895	FG-1 FG-2 FG-3	32 33 34	(SLOPE DRAIN AND TYPE A SILT BASIN)	BAS-A	6125
NDEX. DGN	PRELIMINARY EROSION CONTROL PLAN PRELIMINARY EROSION CONTROL PLAN PRELIMINARY EROSION CONTROL PLAN - RIPARIAN BUFFER PRELIMINARY EROSION CONTROL PLAN - RIPARIAN BUFFER	ECP3 ECP3A ECP-RB1 ECP-RB2	35 36 37 38	PS & E PLANS-DATE: 01/07/2019	MISSISSIPPI DEPARTMENT OF TRAN	ISPORTATION
RWD-DETI	EROSION CONTROL LIMITS EROSION CONTROL LIMITS EROSION CONTROL LIMITS	ECL-1 ECL-2 ECL-3	39 40 41	FMS CON. # 102375-301000  REVISIONS  DATE SHEET NO. BY  06/17/19 10-13 & 20 B.J.R.		OF TRANSPORT
11:26 AM	VEGETATION SCHEDULE	VS-1	42		PROJ. NO.: BR-0474-00(003)	WORKING NUMBER
/2019					COUNTY: LAUDERDALE	DI-1 SHEET NUMBER

STATE	PROJECT	N
MISS.	BR-0474-00(	00

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SUPER SILT FENCE EROSION CONTROL BLANKET	SSF-1 ECB-1	613Ø 6131
GUARDRAIL: "W" BEAM (WOOD POSTS) GUARDRAIL: THRIE BEAM (WOOD POSTS) GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1 GR-1A GR-1B	6201 6202 6203
GUARDRAIL: BRIDGE END SECTION - TYPE I (WOOD POSTS) (NEW CONSTRUCTION) GUARDRAIL: BRIDGE END SECTION - TYPE I (STEEL	GR-2F	6210
POSTS) (NEW CONSTRUCTION) GUARDRAIL TYPICAL INSTALLATION AT BRIDGE	GR-2G	6211
APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	GR-4A	6215
GUARDRAIL: RUB RAIL HARDWARE	GR-RR	6218
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
STANDARD ROADSIDE SIGNS	SN-3A	63Ø4
STANDARD ROADSIDE SIGNS	SN-3B	6305
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION	SN-4	6306
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE	SN-4A	6307
REFERENCE SIGN	SN-8	6314
TYPICAL GUARDRAIL DELINEATION	SN-8C	6317
SIGNING DETAILS FOR BRIDGE APPROACHES	SN-9	6318
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE		
OF TWO-WAY TRAFFIC)	TCP-1	6351
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE	TCP-8	6358
ROADS AND TWO-LANE ROADS	TCP-9	6359
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND		
4-LANE DIVIDED HIGHWAYS	TCP-13	6363
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6366
RIGHT-OF-WAY MARKER	RW-1	64Ø1
RURAL DRIVEWAYS	RD-1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS SUPERELEVATION TRANSITION FOR LOCAL FACILITIES	GT-1	64Ø4
•	SE-1	64Ø7
SUPERELEVATION - CASE I (ROTATION ABOUT CENTERLINE)	SE-2A	64Ø8
SUPERELEVATION RUNOFF - CASE I (ROTATION ABOUT	SE-3A	6413
MICCELL ANEQUE DETAIL CHEET 1 CTACKED DIDE LOINT		
MISCELLANEOUS DETAIL SHEET 1, STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS.	MDS-1	6425
DETAILS OF PAVED FLUMES	PF-1	6426
PIPE CULVERT INSTALLATION	PI-1	65Ø1
FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530
CROSS SECTION SHEETS (12)		
STA. 32+00.000 TO STA. 48+50.000 (S.R. 895) STA. 1+00.000 TO STA. 2+57.945 (CEDAR LN.)	9001-9009 9010-9012	

TOTAL SHEETS (117)



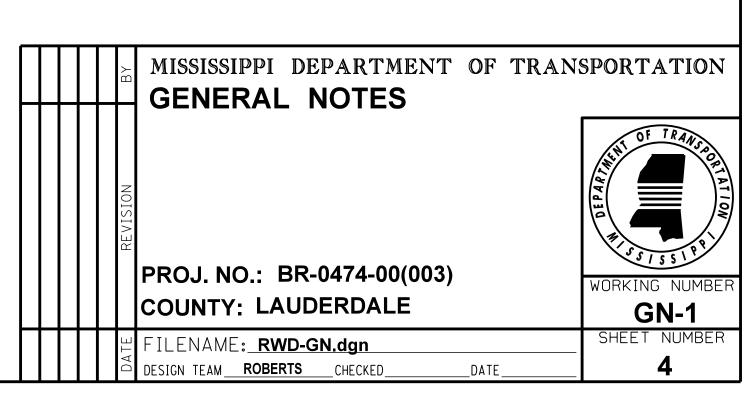
# GENERAL NOTES

- (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.
- 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) THE TOP THREE FEET AND VARIABLE OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS A-6(10) OR BETTER, PER AASHTO DESIGNATION: M 145-91, EXCEPT AT UNDERCUT LOCATIONS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER TO RECEIVE CLASS B9-6 BORROW EXCAVATION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS, AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS AS DIRECTED BY THE ENGINEER. FOR ADDITIONAL DETAILS THE CONTRACTOR IS REFERRED TO THE NOTICE TO BIDDERS ON DESIGN SOIL MATERIAL IN THE CONTRACT PROPOSAL DOCUMENT.
- (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) LIST OF PUBLIC UTILITIES
  - A. EAST MS ELECTRIC POWER ASSOCIATION MICHAEL WHITTINGTON (601-581-8746)
  - B. COMCAST CABLE JIMMY HARVISON (601-579-3980)
  - C. AT&T GLENN MYERS (601-693-8802)
- (12) 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.
- (13) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

# GENERAL NOTES (CONT.)

- (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.
- (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) 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.
- (21) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 37+15 & 44+00, SEE WORKING SHEET NUMBERS ECP-RB1 & ECP-RB2.

  THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
- (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) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (25) 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.
- (26) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.



STATE	PROJECT	N
MISS.	BR-0474-00	(00

# GENERAL NOTES

(27)	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.
(28)	THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED
	IN OTHER ITEMS BID.
(29)	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.
(30)	THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO
	TRAFFIC.
(31)	STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
(32)	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.
(33)	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.
(34)	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.
(35)	ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR
, ,	AND ARE NOT A SEPARATE PAY ITEM.
(36)	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), <i>MUTCD</i> 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.

