

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY.....	1
<input checked="" 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 STD. DWGS.....	6001
<input type="checkbox"/> BOX CULVERT STD. DWGS (LRFD).....	7001
<input type="checkbox"/> BOX CULVERT STD. DWGS (STD. SPEC.)....	7501
<input checked="" type="checkbox"/> BRIDGE.....	8001
<input checked="" type="checkbox"/> CROSS SECTIONS.....	9001

BRIDGE STRUCTURES REQ'D.
 STA. 85+71.25 (US 98 EB)
 STA. 85+56.25 (US 98 WB)
 DUAL HYDRAULIC BRIDGE REQ'D.
 SPANS REQ'D. 1 @ 920' (280'-360'-280')
 923.67' ALONG CENTERLINE

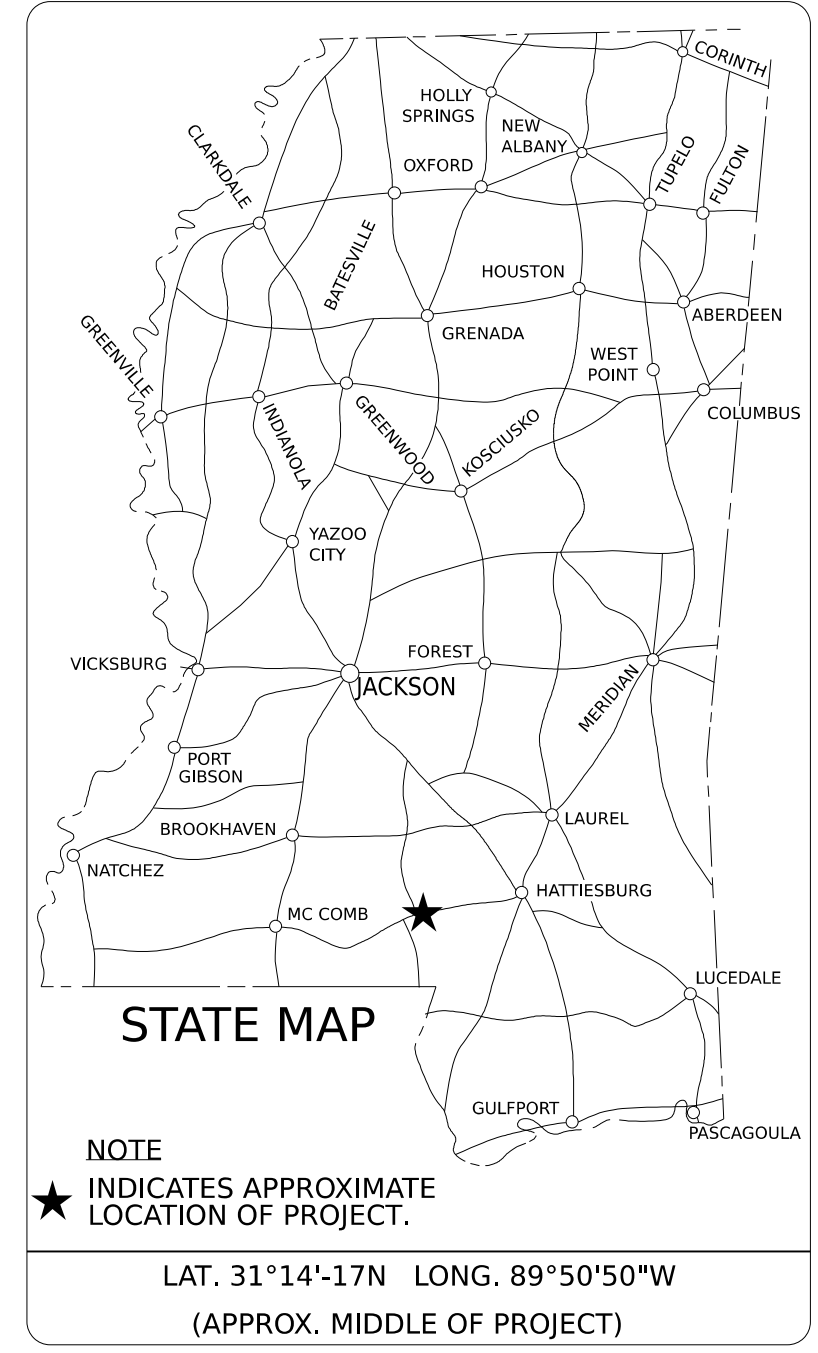
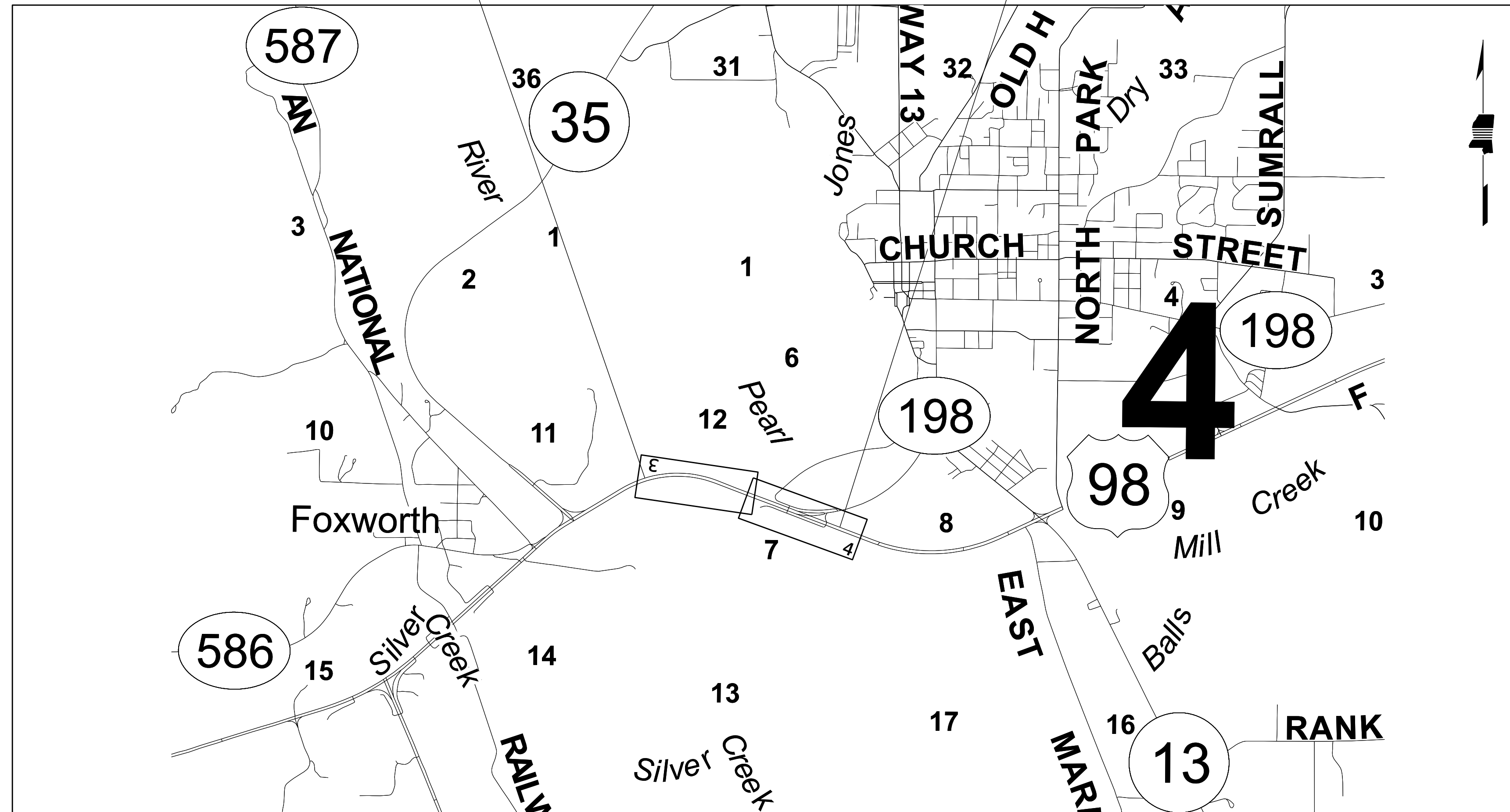
BOX BRIDGES REQ'D.
 NONE

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF
PROPOSED STATE HIGHWAY
FEDERAL AID PROJECT NO. BR-0014-02(070)

US 98 @ Pearl River [Bridge # 118.5 A & B]
MARION COUNTY

BEGIN PROJECT
STA 107 + 29.594

END PROJECT
STA 122 + 25.364



DESIGN CONTROL
 65 MPH = V (SPEED DESIGN)
 ADT (2020) = 17,000 : ADT (2040) = 23,000
 DHV = 2,500 D = 60 % T = 10 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS	
	WATERS WETLANDS
NATIONWIDE #14	<input type="checkbox"/> N <input type="checkbox"/> N
NATIONWIDE (OTHER)*	<input type="checkbox"/> Y <input type="checkbox"/> N
GENERAL*	<input type="checkbox"/> N <input type="checkbox"/> N
INDIVIDUAL (404)*	<input type="checkbox"/> N <input type="checkbox"/> N
STORMWATER PERMIT <input checked="" type="checkbox"/> 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: _____	

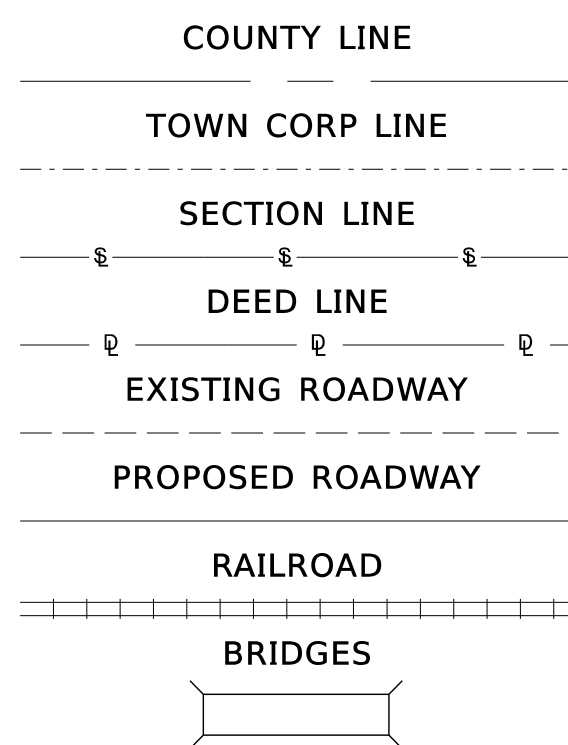
DESIGNED BY: GARVER

PROJECT DATA

PRELIMINARY ENGINEERING	CONSTRUCTION
SP-0014-02(070)	BR-0014-02(070)
102445/101000	102445/301000

P S & E DATE: 04/14/2023
 APPROVED:
 DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
 EXECUTIVE DIRECTOR

CONVENTIONAL SYMBOLS



LENGTH DATA

LENGTH OF ROADWAY	4747.7	FT.	0.90	MI.
LENGTH OF BRIDGES	923.7	FT.	0.17	MI.
LENGTH OF PROJECT (NET)	5671.4	FT.	1.07	MI.
LENGTH OF EXCEPTIONS		FT.		MI.
LENGTH OF PROJECT (GROSS)	5671.4	FT.	1.07	MI.

EQUATIONS

STA. 95+45.90 BK =
 STA. 77+37.70 AH

SCALES
 PLAN 1 IN. = 100 FT.
 PROFILE 1 IN. = 100 FT.
 LAYOUT 1 IN. = 10 FT.

EXCEPTIONS

NONE



PLAN SHEET

Title.dgn

TIME

DATE

ROADWAY (67) 

TITLE SHEET (1)

DETAILED INDEX AND GENERAL NOTES SHEETS (5)

DETAILED INDEX
 DETAILED INDEX
 DETAILED INDEX
 GENERAL NOTES
 GENERAL NOTES

DI-1
 DI-2
 DI-3
 GN-1
 GN-2

1
 2
 3
 4
 5
 6

TYPICAL SECTION SHEETS (5)

TYPICAL SECTION - U.S. 98 EAST OF BRIDGE
 TYPICAL SECTION - U.S. 98 WEST OF BRIDGE
 TYPICAL SECTION - U.S. 98 WEST OF BRIDGE
 TYPICAL SECTION - DETOUR WEST, DETOUR EAST, AND SOUTH FRONTAGE ROAD
 TYPICAL SECTION - MISCELLANEOUS DETAILS

TS-1
 TS-2
 TS-3
 TS-4
 TS-5

7
 8
 9
 10
 11

QUANTITY SHEETS (10)

SUMMARY OF QUANTITIES
 SUMMARY OF QUANTITIES
 SUMMARY OF QUANTITIES
 SUMMARY OF QUANTITIES
 ESTIMATED QUANTITIES - REMOVAL ITEMS, EARTHWORK, AND GUARDRAIL QUANTITIES
 ESTIMATED QUANTITIES - DRIVEWAYS, BRIDGE END PAVEMENT, PERMANENT EROSION CONTROL AND CURB & GUTTER
 ESTIMATED QUANTITIES - PAVEMENT MARKINGS, DRAINAGE, SILT BASIN AND SIDE DRAINS QUANTITIES
 ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS
 ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS
 ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS

SQ-1
 SQ-2
 SQ-3
 SQ-4
 EQ-1
 EQ-2
 EQ-3
 EQ-4
 EQ-5
 SRS-1

12
 13
 14
 15
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 21

PLAN AND PROFILE SHEETS (10)

U.S. 98 WB STA. 77+37.70 TO STA. 104+00
 U.S. 98 EB STA. 77+37.70 TO STA. 104+00
 DETOUR WEST EB
 DETOUR WEST WB
 BOAT RAMP
 U.S. 98 EB STA. 95+45 TO STA. 122+00
 U.S. 98 WB STA. 95+45.90 TO STA. 122+00
 SOUTH FRONTAGE ROAD
 DETOUR EAST EB
 DETOUR EAST WB

3R
 3L
 3A
 3B
 3C
 4R
 4L
 4A
 4B
 4C

22
 23
 24
 25
 26
 27
 28
 29
 30
 31


SPECIAL DESIGN - ROADWAY ITEMS (35)

INTERSECTION DETAIL
 PAVEMENT MARKING DETAIL
 PAVEMENT MARKING DETAIL
 PAVEMENT MARKING DETAIL
 PAVEMENT MARKING DETAIL
 PAVEMENT MARKING DETAIL
 SEQUENCE OF CONSTRUCTION - PHASE 1
 SEQUENCE OF CONSTRUCTION - PHASE 2
 SEQUENCE OF CONSTRUCTION - PHASE 3
 SEQUENCE OF CONSTRUCTION - PHASE 4
 CONSTRUCTION SIGNING PLAN
 CONSTRUCTION SIGNING PLAN
 TRAFFIC CONTROL PLAN - PHASE 1
 TRAFFIC CONTROL PLAN - PHASE 1
 TRAFFIC CONTROL PLAN - PHASE 2
 TRAFFIC CONTROL PLAN - PHASE 2
 TRAFFIC CONTROL PLAN - PHASE 3
 TRAFFIC CONTROL PLAN - PHASE 3
 EROSION CONTROL PLAN - U.S. 98 WB STA. 77+37.70 TO STA. 104+00
 EROSION CONTROL PLAN - U.S. 98 EB STA. 77+37.70 TO STA. 104+00
 RIPARIAN BUFFER U.S. 98 BR. NO. 118.5
 EROSION CONTROL PLAN - DETOUR WEST EB
 EROSION CONTROL PLAN - DETOUR WEST WB

ID-1
 PMD-1
 PMD-2
 PMD-3
 PMD-4
 PMD-5
 SC-1
 SC-2
 SC-3
 SC-4
 CS-1
 CS-2
 TC-1
 TC-2
 TC-3
 TC-4
 TC-5
 TC-6
 ECP-3R
 ECP-3L
 ECP-RB-3
 ECP-3A
 ECP-3B

32
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 54

SPECIAL DESIGN - ROADWAY ITEMS (CONT.)

EROSION CONTROL PLAN - U.S. 98 EB STA. 95+45.90 TO STA. 122+00
 EROSION CONTROL PLAN - U.S. 98 WB STA. 95+45.90 TO STA. 122+00
 EROSION CONTROL PLAN - SOUTH FRONTAGE ROAD
 EROSION CONTROL PLAN - DETOUR EAST EB
 EROSION CONTROL PLAN - DETOUR EAST WB
 TEMPORARY EASEMENT COORDINATES
 RIGHT OF WAY COORDINATES
 SURVEY CONTROL
 VEGETATION SCHEDULE
 SPECIAL BRIDGE END SLAB DETAILS
 TEMPORARY SHORING WALL - US 98 WEST
 TEMPORARY SHORING WALL - US 98 EAST
 SUMMARY OF REVISION 

ECP-4R 55
 ECP-4L 56
 ECP-4A 57
 ECP-4B 58
 ECP-4C 59
 ESMT-1 60
 RM-1 61
 SCS-1 62
 VS-1 63
 SD-BES 64
 TSW-1 65
 TSW-2 66
 REV-1 67

PERMANENT SIGNS (3)

PERMANENT SIGNING PLANS - US 98
 PERMANENT SIGNING PLANS - US 98
 PERMANENT SIGNING PLANS - US 98

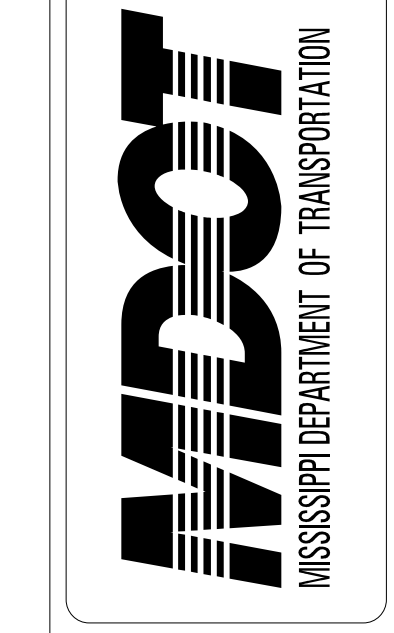
PSP-1 1001
 PSP-2 1002
 PSP-3 1003

PLAN SHEET

Di.dgn

TIME

DATE



DESIGNED BY: GARVER
 DETAILED BY: RDL IV
 CHECKED BY: TWB
 DATE: SEP 2023

FMS CON: 102445/301000
 PROJECT NO.: BR-0014-02(070)
 COUNTY: MARION

DETAILED INDEX



WK. NO. DI-1
 SHEET NO. 2

ROADWAY STANDARD DRAWINGS (83)

PAVEMENT (1)

BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION) BE-1 6007

PAVEMENT MARKINGS (4)

PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS PM-1 6051
 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS PM-9 6059
 2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4-LANE) PM-12 6062
 RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT OR WIDER ASPHALT SHOULDERS) RS-2 6065

EROSION CONTROL (27)

TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS ECD-1 6101
 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 6104
 TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS) ECD-5 6105
 EROSION CONTROL DETAIL-DETAILS OF EROSION CONTROL WATTLE DITCH CHECK ECD-6 6106
 EROSION CONTROL DETAIL-DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK ECD-7 6107
 EROSION CONTROL DETAIL-ROCK DITCH CHECK ECD-8 6108
 EROSION CONTROL DETAIL-ROCK FILTER DAM ECD-9 6109
 EROSION CONTROL DETAIL-ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM ECD-10 6110
 EROSION CONTROL DETAIL-TYPICAL APPLICATIONS AND DETAILS FOR INLET PROTECTION ECD-11 6111
 EROSION CONTROL DETAIL-INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS ECD-12 6112
 EROSION CONTROL DETAIL-INLET PROTECTION DETAILS OF WATTLES ECD-13 6113
 EROSION CONTROL DETAIL-INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE ECD-14 6114
 EROSION CONTROL DETAIL-INLET PROTECTION DETAILS OF SANDBAGS ECD-15 6115
 EROSION CONTROL DETAIL-STABILIZED CONSTRUCTION ENTRANCE ECD-16 6116
 EROSION CONTROL DETAIL-TEMPORARY STREAM DIVERSION ECD-18 6118
 EROSION CONTROL DETAIL-TEMPORARY STREAM DIVERSION (BOX EXTENSIONS) ECD-19 6119
 EROSION CONTROL DETAIL-FLOATING TURBIDITY CURTAIN ECD-20 6120
 DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK ECD-21 6121
 SEDIMENT RETENTION BARRIER ECD-22 6122
 DETAILS OF TYPICAL DITCH TREATMENTS DT-1 6123
 DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT DT-1A 6124
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN) BAS-A 6125
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN) BAS-D 6129
 SUPER SILT FENCE SSF-1 6130
 EROSION CONTROL BLANKET ECB-1 6131

PROTECTIVE BARRIERS (11)

GUARDRAIL: "W" BEAM (WOOD POSTS) GR-1 6201
 GUARDRAIL: THRIE BEAM (WOOD POSTS) GR-1A 6202
 GUARDRAIL: "W" BEAM (STEEL POSTS) GR-1B 6203
 GUARDRAIL: BRIDGE END SECTION - TYPE I (WOOD POSTS) (NEW CONSTRUCTION) GR-2F 6210
 GUARDRAIL: BRIDGE END SECTION - TYPE I (STEEL POSTS) (NEW CONSTRUCTION) GR-2G 6211
 GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS GR-4 6214
 GUARDRAIL: RUB RAIL HARDWARE GR-RR 6218
 GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS TGR-1 6219
 GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT BRIDGE END DURING CONSTRUCTION PHASES TGR-2 6220
 GUARDRAIL: MISCELLANEOUS HARDWARE GR-HW 6221
 CONCRETE MEDIAN BARRIER (PRECAST) (32") CMB-3 6226

SIGNING (10)

STANDARD ROADSIDE SIGNS SN-3 6303
 STANDARD ROADSIDE SIGNS SN-3A 6304
 STANDARD ROADSIDE SIGNS SN-3B 6305
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION SN-4 6306
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION SN-4A 6307
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION SN-4B 6308
 BREAKAWAY SIGN SUPPORTS SN-6B 6312
 TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS SN-8 6314
 TYPICAL GUARDRAIL DELINEATION SN-8C 6317
 SIGNING DETAILS FOR BRIDGE APPROACHES SN-9 6318

ROADWAY STANDARD DRAWINGS (CONT.)

TRAFFIC CONTROL PLANS (12)

TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC) TCP-1 6351
 TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY) TCP-2 6352
 TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD) TCP-3 6353
 SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS TCP-6 6356
 SHORT DURATION CLOSING OF DIVIDED HIGHWAYS TCP-7 6357
 HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS TCP-8 6358
 TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS TCP-9 6359
 TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY) TCP-11 6361
 TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS TCP-12 6362
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS TCP-13 6363
 LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED) TCP-15 6365
 TRAFFIC CONTROL DETAILS-DRUM PLACEMENT AND SHOULDER CLOSURE TCP-16 6366

MISCELLANEOUS ROADWAY DETAILS (11)

RIGHT-OF-WAY MARKER RW-1 6401
 RURAL DRIVEWAYS RD-1 6403
 TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS GT-1 6404
 SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V <= 45 MPH) SE-1 6407
 SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE SE-2A 6408
 SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY SE-2B 6409
 SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE SE-3A 6413
 SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVELED WAY SE-3B 6414
 DRIVEWAYS, CURB & GUTTER, & SIDEWALKS SD-1 6419
 MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS MDS-1 6425
 DETAILS OF PAVED FLUMES PF-1 6426

DRAINAGE (7)

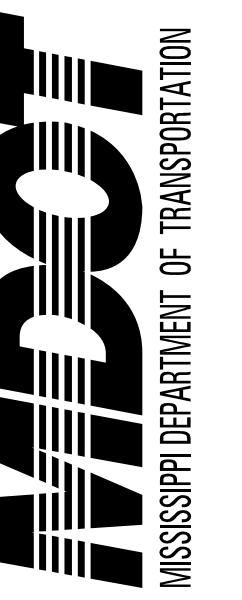
PIPE CULVERT INSTALLATION PI-1 6501
 FLEXIBLE PIPE CULVERT INSTALLATION PI-2 6502
 CONCRETE PIPE COLLAR PC-1 6503
 TYPE I MEDIAN INLET (24" PIPE AND UNDER) MI-1 6508
 DETAILS OF GRATES FOR MEDIAN INLETS IG-1 6516
 PAVED INLET APRON AND MEDIAN DITCH PLUG PA-1 6520
 FLARED END SECTION FOR CONCRETE PIPE FE-1 6530

PLAN SHEET

Di.dgn

TIME

DATE



DESIGNED BY: GARVER
 DETAILED BY: RDL IV
 CHECKED BY: TWB
 DATE: APR 2023

FMS CON: 102445/301000
 PROJECT NO.: BR-0014-02(070)
 COUNTY: MARION

DETAILED INDEX



WK. NO. DI-2

SHEET NO. 3

BRIDGE

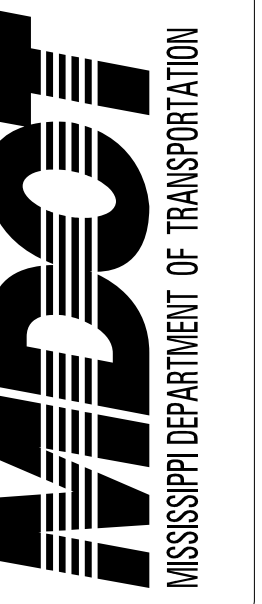
ROADWAY

CROSS SECTIONS (30)

- CROSS SECTIONS - U.S. 98 (WEST OF RIVER) 
- CROSS SECTIONS - U.S. 98 (EAST OF RIVER) 
- CROSS SECTIONS - SOUTH FRONTAGE ROAD
- CROSS SECTIONS - DETOUR WEST EB
- CROSS SECTIONS - DETOUR WEST WB
- CROSS SECTIONS - DETOUR EAST EB
- CROSS SECTIONS - DETOUR EAST WB

- 9001-9007
- 9008-9011
- 9012-9017
- 9018-9021
- 9022-9024
- 9025-9027
- 9028-9030

TOTAL (NOT INCLUDING BRIDGE SHEETS) (183) 



DESIGNED BY: GARVER
 DETAILED BY: RDL IV
 CHECKED BY: TWB
 DATE: SEP 2023

FMS CON: 102445/301000
 PROJECT NO.: BR-0014-02(070)
 COUNTY: MARION

DETAILED INDEX


Preston C. Campbell
 09/01/23
BRIDGE


Travis Wayne Black
 09/01/2023
ROADWAY

WK. NO.
DI-3

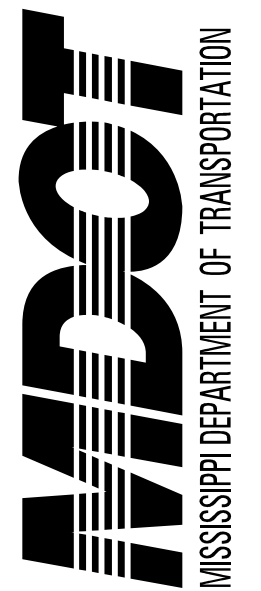
SHEET NO.
4

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) 25% 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 PROJECT ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- (7) THE TOP THREE FEET AND VARIABLE OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS B9-6 OR BETTER, PER AASHTO DESIGNATION: M 145-91, EXCEPT AT UNDERCUT LOCATIONS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER TO RECEIVE CLASS B-15 BORROW EXCAVATION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS, AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS AS DIRECTED BY THE PROJECT ENGINEER. FOR ADDITIONAL DETAILS THE CONTRACTOR IS REFERRED TO THE NOTICE TO BIDDERS ON DESIGN SOIL MATERIAL IN THE CONTRACT PROPOSAL DOCUMENT.
- (8) 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.
- (9) 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.
- (10) 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.
- (11) 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.
- (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) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (15) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (16) 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.
- (17) CLEARING IN WETLANDS IS LIMITED TO TEN (10) FEET BEYOND CONSTRUCTION LIMITS, EXCEPT UNDER BRIDGES AND IN SIGHT FLARES. CLEARING UNDER BRIDGES (IN WETLANDS) IS LIMITED TO WITHIN TWENTY-FIVE (25) FEET ON ONE SIDE OF THE CENTERLINE AND FIFTY (50) FEET ON THE OTHER SIDE OF THE CENTERLINE. WITHIN THIS SEVENTY-FIVE (75) FOOT WIDE AREA, THE CONTRACTOR SHALL BE PERMITTED TO CONSTRUCT A TEMPORARY HAUL ROAD. UPON COMPLETION OF THE BRIDGE, THIS ROAD SHALL BE REMOVED BY THE CONTRACTOR TO NATURAL GROUND ELEVATION. ALL COSTS ASSOCIATED WITH THE HAUL ROAD ARE TO BE INCLUDED IN OTHER ITEMS BID. ADDITIONAL CLEARING IN THE VICINITY OF THE BRIDGE, OUTSIDE THE SEVENTY-FIVE (75) FOOT WIDE AREA, IS TO BE DONE WITH SAWS ONLY (NO DOZERS OR OTHER MECHANIZED CLEARING WHICH WILL DISTURB THE NATURAL GROUND SURFACE).

GENERAL NOTES (CONT.)

- (18) 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.
- (19) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (20) 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.
- (21) 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.
- (22) 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.
- (23) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION 81+00, SEE WORKING SHEET NUMBERS ECP-RB-3 THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
- (24) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (25) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (26) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (27) 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.
- (28) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (29) 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.
- (30) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (31) 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.
- (32) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (33) 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.
- (34) 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.
- (35) 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.
- (36) 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 PROJECT ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.



DESIGNED BY: GARVER
 DETAILED BY: RDL IV
 CHECKED BY: TWB
 DATE: APR 2023

FMS CON: 102445/301000
 PROJECT NO.: BR-0014-02(070)
 COUNTY: MARION

GENERAL NOTES

PLAN SHEET

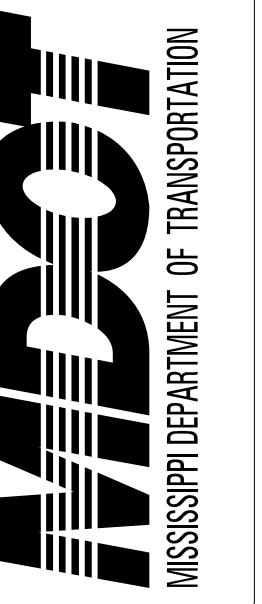
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TIME

DATE

GENERAL NOTES (CONT.)

- (37) ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (38) ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.
- (39) THE RETROREFLECTIVE SIGN SHEETING ON PERMANENT GROUND-MOUNTED SIGNS SHALL BE AS FOLLOWS: BROWN BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE VIII; GREEN AND BLUE BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE IX; ALL WHITE, YELLOW, FLUORESCENT YELLOW AND FLUORESCENT YELLOW/GREEN SHEETING SHALL BE TYPE XI. ALL SIGN SHEETING ON OVERHEAD SIGNS SHALL BE TYPE XI.
- (40) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (41) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (42) 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.
- (43) TEMPORARY PAVEMENT JOINTS (PAPER JOINTS) SHALL BE EMPLOYED AT ALL LOCATIONS REQUIRING TRAFFIC TO TRAVERSE AN UNEVEN PAVEMENT JOINT. PAPER JOINTS SHALL BE A MINIMUM OF OF 9 FEET IN LENGTH AND SHALL BE ADEQUATELY MAINTAINED.
- (44) NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.



DESIGNED BY: GARVER
DETAILED BY: RDL IV
CHECKED BY: TWB
DATE: APR 2023

FMS CON: 102445/301000
PROJECT NO.: BR-0014-02(070)
COUNTY: MARION

GENERAL NOTES

PLAN SHEET

GN_SH.dgn

TIME

DATE

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP-0014-02(086)	1

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"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE

**U.S. HWY 98
BRIDGE NO. 118.5
PEARL RIVER**

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

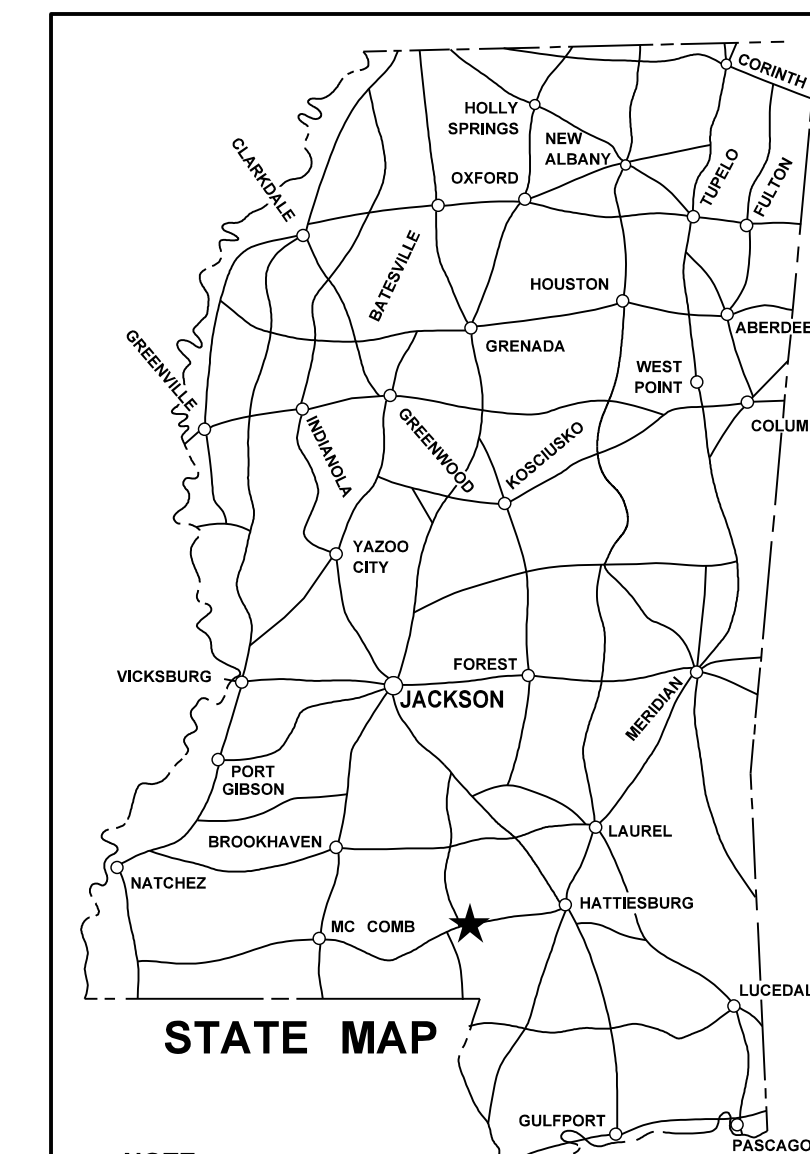
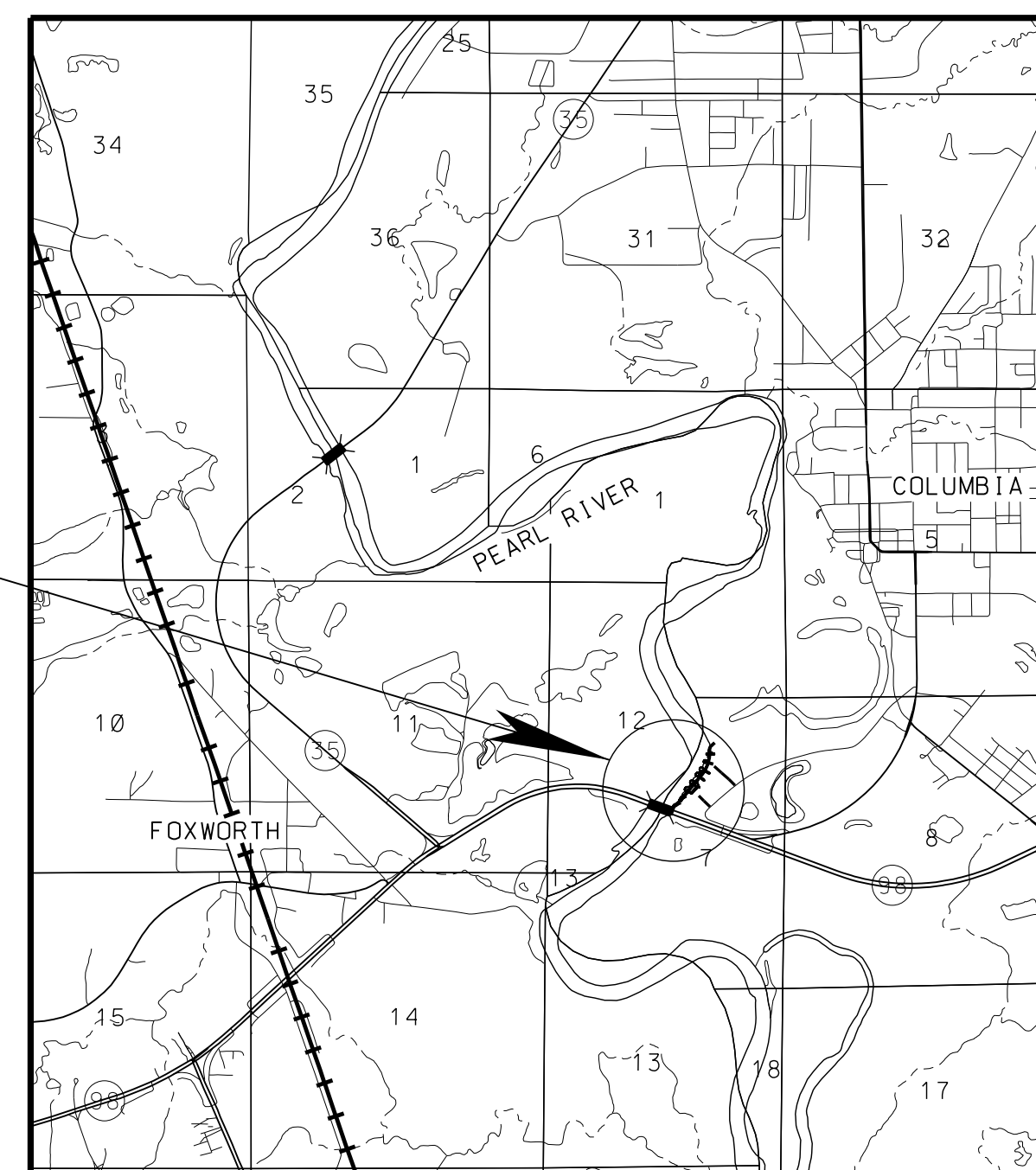
**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. STP-0014-02(086)**

**US 98 PEARL RIVER
STREAM STABILITY COUNTERMEASURES
MARION COUNTY**

FMS CON. NO. 107792 / 301000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 3000 FT.



STATE MAP

NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 31°14'22" N LONG. 89°50'43" W
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT () = : ADT () =

DHV = : D = % T = %

PERMITS ACQUIRED BY MDOT

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

STORMWATER PERMIT S

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

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

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: _____

CONVENTIONAL SYMBOLS

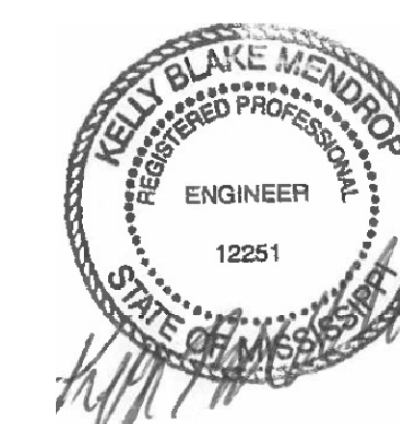
COUNTY LINE	-----
TOWN CORPORATION LINE	-----
SECTION LINE	--- § --- § --- § ---
EXISTING ROAD OR TRAVELED WAY	-----
PROPOSED ROAD OR TRAVELED WAY	-----
RAILROAD	-----
SURVEY LINE	-----
BRIDGES	-----

EQUATIONS
NONE

LENGTH DATA

LENGTH OF ROADWAY	FT.	MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)	FT.	MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)	FT.	MI.

EXCEPTIONS
NONE



P S & E DATE: 04/04/2023

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



9/28/2023 10:57 AM TITILE.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-0014-02(086)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
ROADWAY		
TITLE SHEET		1
<u>DETAILED INDEX & GENERAL NOTES (2)</u>		
DETAILED INDEX	DI-1	2
GENERAL NOTES	GN-1	3
<u>TYPICAL SECTION SHEETS (4)</u>		
TYPICAL SECTIONS - BENDWAY WEIRS	TS-1	4
TYPICAL SECTIONS - STONE TIEBACK AND TRANSVERSE STONE DIKE	TS-2	5
TYPICAL SECTIONS - LONGITUDINAL PEAKED AND LONGITUDINAL FILL STONE DIKE	TS-3	6
TYPICAL SECTIONS - HAUL ROUTE APPROACHING PEARL RIVER AT US 98	TS-4	7
<u>QUANTITY SHEETS (5)</u>		
SUMMARY OF QUANTITIES	SQ-1	8
ESTIMATED QUANTITIES - EARTHWORK ITEMS	EQ-1	9
ESTIMATED QUANTITIES - PERMANENT EROSION CONTROL & REMOVAL ITEMS	EQ-2	10
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS & HAUL ROUTE ITEMS	EQ-3	11
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-4	12
<u>PLAN & PROFILE SHEETS (3)</u>		
PEARL RIVER AT US 98 BRIDGE	3	13
HAUL ROAD # 1	4	14
HAUL ROAD # 2	5	15
<u>EROSION CONTROL SHEETS (3)</u>		
ECP - PEARL RIVER AT US 98 BRIDGE	ECP-3	16
ECP - HAUL ROAD # 1	ECP-4	17
ECP - HAUL ROAD # 2	ECP-5	18
<u>DETAIL CONSTRUCTION SIGNS (1)</u>		
DETAIL CONSTRUCTION SIGNS - PEARL RIVER AT US 98	DCS-1	19
<u>SPECIAL DESIGN SHEETS (9)</u>		
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EROSION CONTROL - PEARL RIVER AT US 98 CROSSING	EC-1	21
STATE HYDROGRAPH - USGS GAGE STATION 02489000 NEAR COLUMBIA, MS	SH-1	22
CONTROL POINT LAYOUT SHEET	CPL-1	23
RIGHT OF WAY PEARL RIVER AT US 98 BRIDGE WITH AERIAL	ROW-1	24
RIGHT OF WAY PEARL RIVER AT US 98 BRIDGE	ROW-2	25
ROW COORDINATE SHEET	RCS-1	26
PERMANENT EASEMENT COORDINATE SHEET	PECS-1	27
EASEMENT COORDINATE SHEET	ECS-1	28
<u>STANDARD DRAWINGS - ROADWAY SHEETS (33)</u>		
TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
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	6104
TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE & HAY BALE DITCH CHECKS)	ECD-5	6105
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
ROCK DITCH CHECK	ECD-8	6108
ROCK FILTER DAM	ECD-9	6109
ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES & SAGS	ECD-12	6112
INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROJECTION DEVICE	ECD-14	6114
INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115

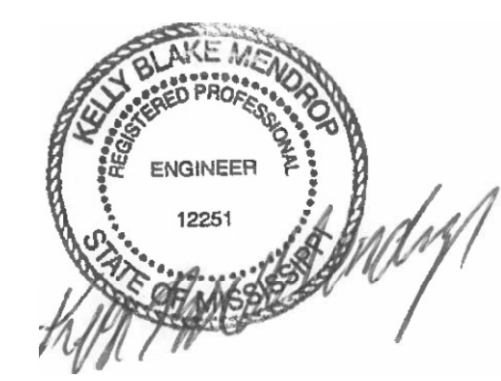
STANDARD DRAWINGS - ROADWAY SHEETS CONTINUED

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
TEMPORARY STREAM DIVERSION	ECD-18	6118
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-19	6119
FLOATING TURBIDITY CURTAIN	ECD-20	6120
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
SEDIMENT RETENTION BARRIER	ECD-22	6122
DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	6124
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN & TYPE A SILT BASIN)	BAS-A	6125
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)	BAS-B	6126
SUPER SILT FENCE	SSF-1	6130
EROSION CONTROL BLANKET	ECB-1	6131
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
RIGHT-OF-WAY MARKERS	RW-1	6401
RURAL DRIVEWAYS	RD-1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS	GT-1	6404
MISCELLANEOUS DETAIL SHEET	MDS-1	6425
<u>CROSS-SECTION SHEETS (19)</u>		
LONGITUDINAL STONE DIKE		9001-9015
HAUL ROAD 1 CROSS SECTIONS		9016-9017
HAUL ROAD 2 CROSS SECTIONS		9018-9019

TOTAL SHEETS (80)



MENDROP ENGINEERING RESOURCES		
PS & E PLANS-DATE 04/04/2023		
FMS CON. # 107792/301000		
REVISIONS		
DATE	SHEET NO.	BY
09/19/23	4,5,6,8,&10	MNN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
US 98 AT PEARL RIVER	
PROJ. NO.: STP-0014-02(086) COUNTY: MARION	
WORKING NUMBER	DI-1
SHEET NUMBER	2
FILE NAME: DI.dgn	DESIGN TEAM: MENDROP

9/28/2023 11:17 AM DI.DGN

STATE	PROJECT NO.
MISS.	STP-0014-02(086)

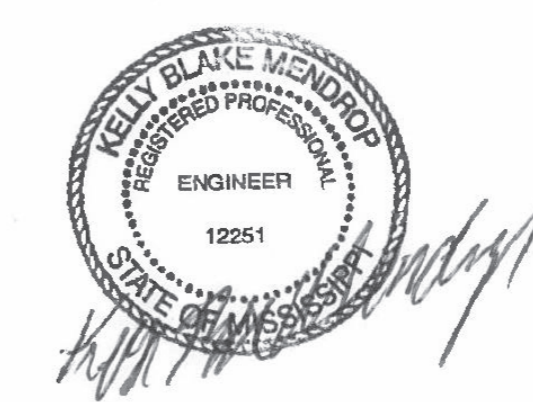
GENERAL NOTES

- (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.
- (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 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) 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.
- (10) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (11) NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.
- (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) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING TRAFFIC PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- (14) 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.
- (15) CLEARING IN WETLANDS AREA UNDERNEATH BRIDGES IS PROHIBITED, EXCEPT WHERE NECESSARY FOR BRIDGE CONSTRUCTION. THIS CLEARING MUST BE DONE WITH SAWS. DOZERS OR OTHER MECHANIZED CLEARING WHICH WILL DISTURB NATURAL GROUND SURFACE ARE NOT ALLOWED.
- (16) ROADWAY SIGNS THAT ARE IN CONFLICT 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) 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.
- (18) 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.
- (19) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (20) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

GENERAL NOTES CONTINUED

- (21) 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.
- (22) 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.
- (23) 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.
- (24) CLEARING LIMITS SHOWN THE MAXIMUM LIMITS UNLESS OTHERWISE APPROVED BY THE ENGINEER. CLEAWRING OF AREAS OTHER THAN THOSE AREAS DESIGNATED IS NOT REQUIRED. THE AREA TO BE CLEARED SHALL BE THE MINIMUM NECESSARY FOR CONSTRUCTION.
- (25) 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.
- (26) 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.
- (27) A GEOTECHNICAL INVESTIGATION HAS BEEN PERFORMED FOR THIS PROJECT. A SUBSURFACE SOIL PROFILE, SOIL BORINGS, HAND AUGER LOGS, AND BORING LOCATIONS ARE INCLUDED IN THE PLANS. THE FULL REPORT IS ON FILE AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS PRESENTED IN THE REPORT ARE NECESSARILY FOUND OUTSIDE OF THE HOLE LOCATIONS.
- (28) CONTRACTOR SHALL REMOVE AND RESET ANY GATES REQUIRED TO TIE IN DRIVWAYS, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (29) REMOVAL OF EXISTING STEPS TO BE PAID FOR WITH PAY ITEM # 202-A001, REMOVAL OF OBSTRUCTIONS

3/28/2023 4:49 PM GN-1.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
US 98 AT PEARL RIVER HYDRAULIC CROSSING	
PROJ. NO.: STP-0014-02(086)	
COUNTY: MARION	
FILE NAME: GN-1.dgn	WORKING NUMBER GN-1
DESIGN TEAM: MENDROP	CHECKED: _____ DATE: _____
	SHEET NUMBER 3

