

GENERAL INDEX

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STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

STATE PROJECT NO. EXB-0051-02(024)

SR 32 BETWEEN WEBB & CHARLESTON
(BRIDGES 48.6, 48.8, 49.1, 49.5, 50.5, 50.8, & 51.5)

TALLAHATCHIE COUNTY

FMS CON# 102383 / 303000

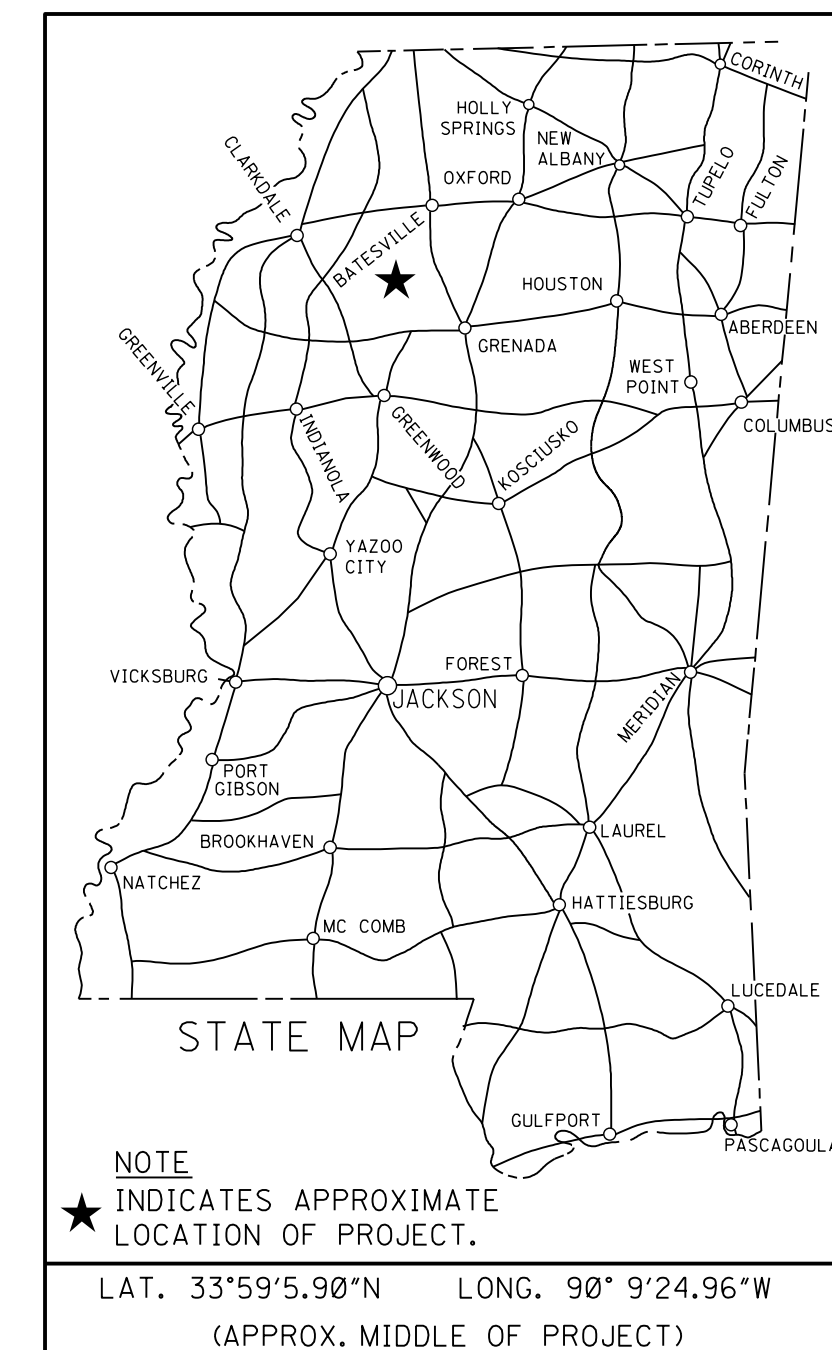
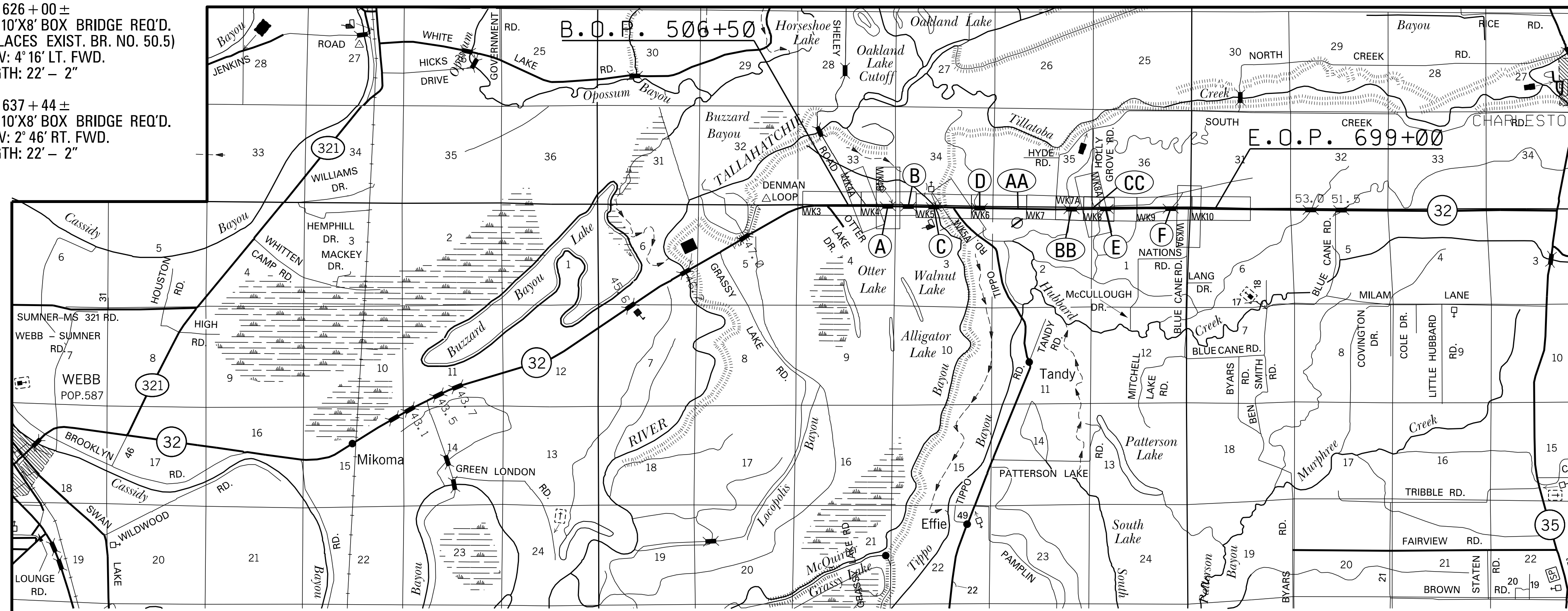
SCALES

PLAN	1 IN. = 200 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 4000 FT.

BRIDGE STRUCTURES REQ'D. BOX BRIDGES REQ'D.

- (A)** BRIDGE NO. 48.6
SR 32 RELIEF BRIDGE
STA. 526+02.21 TO STA. 527+23.79
SPANS: 3 @ 40'-0"
SKEW: NORMAL TO CENTERLINE
TOTAL LENGTH: 121'-7"
- (B)** BRIDGE NO. 48.8
SR 32 RELIEF BRIDGE
STA. 537+18.88 TO STA. 538+11.12
SPANS: 1 @ 90'-0"
SKEW: NORMAL TO CENTERLINE
TOTAL LENGTH: 92'-3"
- (C)** BRIDGE NO. 49.1
SR 32 OVER MCQUIRTER BAYOU
STA. 549+86.21 TO STA. 553+87.79
SPANS: 3 @ 40'-0", 1 @ 80'-0", 5 @ 40'-0"
SKEW: NORMAL TO CENTERLINE
TOTAL LENGTH: 401'-7"
- (D)** BRIDGE NO. 49.5
SR 32 OVER TIPPO BAYOU
STA. 574+43.21 TO STA. 577+04.79
SPANS: 2 @ 40'-0", 1 @ 100'-0", 2 @ 40'-0"
SKEW: NORMAL TO CENTERLINE
TOTAL LENGTH: 261'-7"
- (E)** BRIDGE NO. 50.8
SR 32 OVER HUBBARD CREEK TRIBUTARY
STA. 644+07.09 TO STA. 645+48.91
SPANS: 1 @ 40'-0", 1 @ 60'-0", 1 @ 40'-0"
SKEW: 30° 0' LT. FWD.
TOTAL LENGTH: 141'-9-7/8"
- (F)** BRIDGE NO. 51.5
SR 32 RELIEF BRIDGE
STA. 680+51.21 TO STA. 681+32.79
SPANS: 2 @ 40'-0"
SKEW: NORMAL TO CENTERLINE
TOTAL LENGTH: 81'-7"

- (AA)** STA. 597+47±
EXT. DBL. 14'X8' BOX BRIDGE REQ'D.
SKEW: NORMAL TO CENTERLINE
LENGTH: 29'-9"
- (BB)** STA. 626+00±
DBL. 10'X8' BOX BRIDGE REQ'D.
(REPLACES EXIST. BR. NO. 50.5)
SKEW: 4° 16' LT. FWD.
LENGTH: 22'-2"
- (CC)** STA. 637+44±
DBL. 10'X8' BOX BRIDGE REQ'D.
SKEW: 2° 46' RT. FWD.
LENGTH: 22'-2"



DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2018) = 2200 : ADT (2038) = 2700
DHV = 300 : D = 60 % T = 7 %

PERMITS ACQUIRED BY MDOT

	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/> N	<input type="checkbox"/> N
NATIONWIDE (OTHER)*	<input 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

STORMWATER PERMIT Y

Y REQUIRED, CNGI 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: _____

EQUATIONS
NONE

EXCEPTIONS

STA. 598+20.000 - STA. 620+00.000 = 2,180.000 FT.

LENGTH DATA

LENGTH OF ROADWAY	15,969.594 FT.	3.025 MI.
LENGTH OF BRIDGES	1,100.406 FT.	0.208 MI.
LENGTH OF PROJECT (NET)		3.233 MI.
LENGTH OF EXCEPTIONS	2,180.000 FT.	0.413 MI.
LENGTH OF PROJECT (GROSS)		3.646 MI.

ROADWAY DESIGN



P S & E DATE: 10 /17 /2017

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



10/16/2017 11:35 AM TLE.DGN

STATE	PROJECT NO.
MISS.	EXB-0051-02(024)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)

1

SPECIAL DESIGN SHEETS (51)

DETAILED INDEX, GENERAL NOTES, & SURVEY CONTROL (4)

CONSTRUCTION SIGNING

CS-1 44

DETAILED INDEX
DETAILED INDEX

DI-1 2
DI-2 3

TRAFFIC CONTROL PLAN (PHASE 1) - SR 32 TEMP. DETOUR RD.
TRAFFIC CONTROL PLAN (PHASE 1A) - SR 32 / HOLLY GROVE RD.

TC-1-1 45
TC-1A-1 46

GENERAL NOTES

GN-1 4

TRAFFIC CONTROL PLAN (PHASE 1A) - SR 32
TRAFFIC CONTROL PLAN (PHASE 1B) - SR 32 / BLUE CANE RD.

TC-1A-2 47
TC-1A-3 48

SURVEY CONTROL

SC-1 5

TRAFFIC CONTROL PLAN (PHASE 1B) - SR 32 / HOLLY GROVE RD.
TRAFFIC CONTROL PLAN (PHASE 1B) - SR 32

TC-1B-1 49
TC-1B-2 50

TYPICAL SECTION SHEETS (9)

TYPICAL SECTIONS - SR 32 WIDENING & OVERLAY

TS-1 6

TRAFFIC CONTROL PLAN (PHASE 1B) - SR 32 / BLUE CANE RD.
TRAFFIC CONTROL PLAN (PHASE 2) - SR 32 / SHELEY RD.

TC-1B-3 51
TC-2-1 52

TYPICAL SECTIONS - SR 32 WIDENING & OVERLAY

TS-2 7

TRAFFIC CONTROL PLAN (PHASE 2) - SR 32
TRAFFIC CONTROL PLAN (PHASE 2) - SR 32 / TIPPO RD.

TC-2-2 53
TC-2-3 54

TYPICAL SECTIONS - SR 32 NEW CONSTRUCTION

TS-3 8

TRAFFIC CONTROL PLAN (PHASE 2A) - SR 32 / SHELEY RD.
TRAFFIC CONTROL PLAN (PHASE 2A) - SR 32

TC-2-4 55
TC-2A-1 56

TYPICAL SECTIONS - LOCAL ROADS & NON-CHANNELIZED INTERSECTIONS

TS-4 9

TRAFFIC CONTROL PLAN (PHASE 2A) - SR 32 / TIPPO RD.
TRAFFIC CONTROL PLAN (PHASE 2A) - SR 32

TC-2A-2 57
TC-2A-3 58

TYPICAL SECTIONS - LOCAL ROADS & CHANNELIZED INTERSECTIONS

TS-5 10

PAVEMENT MARKINGS - STA. 506+50 (B.O.P.) TO STA. 520+00
PAVEMENT MARKINGS - STA. 520+00 TO STA. 550+00

TC-2A-4 59
PMD-1 60

TYPICAL SECTIONS - DETOUR ROAD

TS-6 11

PAVEMENT MARKINGS - STA. 550+00 TO STA. 580+00
PAVEMENT MARKINGS - STA. 580+00 TO STA. 598+20

PMD-2 61
PMD-3 62

TYPICAL SECTIONS - EXISTING EMBANKMENT REMOVAL

TS-7 12

PAVEMENT MARKINGS - STA. 624+00 TO STA. 650+00
PAVEMENT MARKINGS - STA. 650+00 TO STA. 680+00

PMD-4 63
PMD-5 64

TYPICAL SECTIONS - BRIDGE END SHOULDER DETAIL

TS-8 13

PAVEMENT MARKINGS - STA. 680+00 TO STA. 699+00 (E.O.P.)
INTERSECTION DETAIL - SHELEY RD.

PMD-6 65
PMD-7 66

TYPICAL SECTIONS - BRIDGE END PAVEMENT DETAIL & PAVED APRON

TS-9 14

INTERSECTION DETAIL - TIPPO RD.
INTERSECTION DETAIL - HOLLY GROVE RD.

ID-1 67
ID-2 68

QUANTITY SHEETS (14)

SUMMARY OF QUANTITIES
SUMMARY OF QUANTITIES
SUMMARY OF QUANTITIES

SQ-1 15
SQ-2 16
SQ-3 17

FORM GRADES - TIPPO RD.
FORM GRADES - TIPPO RD.

ID-3 69
ID-4 70

ESTIMATED QUANTITIES - REMOVAL ITEMS
ESTIMATED QUANTITIES - EARTHWORK
ESTIMATED QUANTITIES - CURB ISLANDS, BRIDGE END PAVEMENT, & GUARDRAIL
ESTIMATED QUANTITIES - EROSION CONTROL
ESTIMATED QUANTITIES - EROSION CONTROL
ESTIMATED QUANTITIES - PAVEMENT MARKINGS & CONCRETE PAVED FLUMES
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS
ESTIMATED QUANTITIES - DRIVEWAYS & SIDE DRAINS
ESTIMATED QUANTITIES - BOX BRIDGES, BOX CULVERTS, & PIPE CULVERTS

EQ-1 18
EQ-2 19
EQ-3 20
EQ-4 21
EQ-5 22
EQ-6 23
EQ-7 24
EQ-8 25
EQ-9 26
EQ-10 27
EQ-11 28

EROSION CONTROL PLAN - (BOP) STA. 506+50.00 TO STA. 512+00.00
EROSION CONTROL PLAN - STA. 512+00.00 TO STA. 542+00.00
EROSION CONTROL PLAN - LOCAL ROAD (SHELEY RD.)
EROSION CONTROL PLAN - SR 32 (DITCH RELOCATION)
EROSION CONTROL PLAN - STA. 542+00.00 TO STA. 572+00.00
EROSION CONTROL PLAN - LOCAL ROAD (TIPPO RD.)
EROSION CONTROL PLAN - STA. 572+00.00 TO STA. 598+20.00
EROSION CONTROL PLAN - STA. 624+00.00 TO STA. 632+00.00
EROSION CONTROL PLAN - SR 32 (DETOUR RD.)
EROSION CONTROL PLAN - STA. 632+00.00 TO STA. 662+00.00
EROSION CONTROL PLAN - LOCAL ROAD (HOLLY GROVE RD.)
EROSION CONTROL PLAN - STA. 662+00.00 TO STA. 692+00.00
EROSION CONTROL PLAN - LOCAL ROAD (BLUE CANE RD.)
EROSION CONTROL PLAN - STA. 692+00.00 TO STA. 699+00.00 (EOP)

FG-1 71
FG-2 72
ECP3 73
ECP4 74
ECP4A 75
ECP4B 76
ECP5 77
ECP5A 78
ECP6 79
ECP7 80
ECP7A 81
ECP8 82
ECP8A 83
ECP9 84
ECP9A 85
ECP10 86

RIGHT-OF-WAY COORDINATES SHEET (1)

RIGHT-OF-WAY COORDINATES

RCS-1 29

VEGETATION SCHEDULE

VS-1 87

PLAN & PROFILE SHEETS (14)

SR 32 - (BOP) STA. 506+50.00 TO STA. 512+00.00
SR 32 - STA. 512+00.00 TO STA. 542+00.00
LOCAL ROAD (SHELEY RD.) - STA. 10+00.00 - STA. 15+44.43
SR 32 (DITCH RELOCATION) - STA. 564+60.96
SR 32 - STA. 542+00.00 TO STA. 572+00.00
LOCAL ROAD (TIPPO RD.) - STA. 10+00.00 TO STA. 12+50.00
SR 32 - STA. 572+00.00 TO STA. 598+20.00
SR 32 - STA. 624+00.00 TO STA. 632+00.00
SR 32 (DETOUR RD.) - STA. 620+00.00 TO STA. 635+00.00
SR 32 - STA. 632+00.00 TO STA. 662+00.00
LOCAL ROAD (HOLLY GROVE RD.) - STA. 8+75.00 TO STA. 10+00.00
SR 32 - STA. 662+00.00 TO STA. 692+00.00
LOCAL ROAD (BLUE CANE RD.) - STA. 10+00.00 TO STA. 12+00.00
SR 32 - STA. 692+00.00 TO STA. 699+00.00 (EOP)

3 30
4 31
4A 32
4B 33
5 34
5A 35
6 36
7 37
7A 38
8 39
8A 40
9 41
9A 42
10 43

SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE
GUARDRAIL: TYPICAL INSTALLATION AT BR. APPROACHES FOR 2-LANE, 2-WAY HWY.
PIPE CULVERT INSTALLATION
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4 FT. - SPANS 4-10 FT.
WINGS W/ 3:1 SLOPES - SINGLE CELL - HGTS 4-12 FT SPANS 4-24 FT
WINGS W/ 3:1 SLOPES - SINGLE CELL - HGTS 4-12 FT SPANS 4-24 FT

SD-SE-2A 88
SD-RO-1 89
SD-GR-4A 90
SD-PI-1 91
SD-IBS-4-2W 92
SD-IWS-3 93
SD-IWS-3A 94

PS & E PLANS-DATE 10/17/2017		
FMS CON. # 102383/303000		
REVISIONS		
DATE	SHEET NO.	BY

ROADWAY DESIGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
COUNTY: TALLAHATCHIE	
PROJ. NUM.: EXB-0051-02(024)	
FILENAME: DI.DGN	WORKING NUMBER DI-1
DESIGN TEAM	SHEET NUMBER 2

10/16/2017 11:35 AM DI.DGN

STATE	PROJECT NO.
MISS.	EXB-0051-02(024)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

PERMANENT SIGNING PLAN (7)

PERMANENT SIGNING PLAN - STA. 506+50 (B.O.P.) TO STA. 520+00
 PERMANENT SIGNING PLAN - STA. 520+00 TO STA. 550+00
 PERMANENT SIGNING PLAN - STA. 550+00 TO STA. 580+00
 PERMANENT SIGNING PLAN - STA. 580+00 TO STA. 598+20
 PERMANENT SIGNING PLAN - STA. 624+00 TO STA. 650+00
 PERMANENT SIGNING PLAN - STA. 650+00 TO STA. 680+00
 PERMANENT SIGNING PLAN - STA. 680+00 TO STA. 699+00 (E.O.P.)

PSP-1 1001
 PSP-2 1002
 PSP-3 1003
 PSP-4 1004
 PSP-5 1005
 PSP-6 1006
 PSP-7 1007

ROADWAY STANDARD DRAWINGS (2017) (73)

BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)
 BRIDGE END PAVEMENT RAIL (33.5" RAIL HEIGHT)
 CONCRETE ISLAND PAVEMENT DETAILS
 PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED HIGHWAYS
 PAVEMENT MARKING LEGEND DETAILS
 RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)
 TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS
 DETAILS OF SEDIMENT BARRIER APPLICATIONS
 DETAILS OF SILT FENCE INSTALLATION
 DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS 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
 ROCK DITCH CHECK
 ROCK FILTER DAM
 ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM
 TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION
 INLET PROTECTION DETAILS FOR SEDIMENT CONTROL 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
 TEMPORARY CULVERT STREAM CROSSING
 TEMPORARY STREAM DIVERSION
 TEMPORARY STREAM DIVERSION (BOX EXTENSION)
 FLOATING TURBIDITY CURTAIN
 DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
 SEDIMENT RETENTION BARRIER
 DETAILS OF TYPICAL DITCH TREATMENTS
 DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE C1 SILT BASIN)
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE C2 SILT BASIN)
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)
 (135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE)
 SUPER SILT FENCE
 EROSION CONTROL BLANKET
 GUARDRAIL: "W" BEAM (WOOD POSTS)
 GUARDRAIL: THRIE BEAM (WOOD POSTS)
 GUARDRAIL: "W" BEAM (STEEL POSTS)
 GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS) (NEW CONSTRUCTION)
 GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS) (NEW CONSTRUCTION)
 GUARDRAIL: RUB RAIL HARDWARE
 GUARDRAIL: MISCELLANEOUS HARDWARE
 CONCRETE MEDIAN BARRIER (PRECAST) (32")
 ROUTE SHIELDS AND "EXIT ONLY" PANELS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 BREAKAWAY SIGN SUPPORTS
 TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS

BE-1 6007
 BER-1 6009
 CIP-1 6011
 PM-1 6051
 PM-6 6056
 RS-1 6064
 ECD-1 6101
 ECD-2 6102
 ECD-3 6103
 ECD-4 6104
 ECD-5 6105

 ECD-6 6106
 ECD-7 6107
 ECD-8 6108
 ECD-9 6109
 ECD-10 6110
 ECD-11 6111
 ECD-12 6112
 ECD-13 6113
 ECD-14 6114
 ECD-15 6115
 ECD-16 6116
 ECD-17 6117
 ECD-18 6118
 ECD-19 6119
 ECD-20 6120
 ECD-21 6121
 ECD-22 6122
 DT-1 6123
 DT-1A 6124
 BAS-A 6125
 BAS-B 6126
 BAS-C1 6127
 BAS-C2 6128
 BAS-D 6129

 SSF-1 6130
 ECB-1 6131
 GR-1 6201
 GR-1A 6202
 GR-1B 6203
 GR-2F 6210
 GR-2G 6211
 GR-RR 6218
 GR-HW 6221
 CMB-3 6226
 SN-2 6302
 SN-3 6303
 SN-3A 6304
 SN-3B 6305
 SN-4 6306
 SN-4A 6307
 SN-4B 6308
 SN-6B 6312
 SN-8 6314

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

ROADWAY STANDARD DRAWINGS (2017) (CONT.)

TYPICAL GUARDRAIL DELINEATION
 SIGNING DETAILS FOR BRIDGE APPROACHES
 TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)
 SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS
 HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
 TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS
 TRAFFIC CONTROL PLAN UNEVEN PAVEMENT DETAILS
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS
 LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)
 TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE
 RIGHT-OF-WAY MARKER
 RURAL DRIVEWAYS
 TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS
 SIGHT FLARE
 DRIVEWAYS, CURB & GUTTER, & SIDEWALK
 MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS
 DETAILS OF PAVED FLUMES
 FLEXIBLE PIPE CULVERT INSTALLATION
 FLARED END SECTION FOR CONCRETE PIPE

SN-8C 6317
 SN-9 6318
 TCP-1 6351
 TCP-6 6356
 TCP-8 6358
 TCP-9 6359
 TCP-12 6362
 TCP-13 6363
 TCP-15 6365
 TCP-16 6366
 RW-1 6401
 RD-1 6403
 GT-1 6404
 SF-1 6405
 SD-1 6419
 MDS-1 6425
 PF-1 6426
 PI-2 6502
 FE-1 6530

BOX CULVERT STANDARD DRAWINGS (1997 STD. SPEC.) (14)

BASIC CULV DWG - BARREL JOINT LOCATION - GROUP I
 COLLAR DETAILS FOR BOX STRUCTURES
 BASIC CULV DWG -SINGLE CELL- HEIGHT 6 FT - SPANS 6-20 FT
 BASIC CULV DWG -SINGLE CELL- HEIGHT 6 FT - SPANS 6-20 FT
 WINGS W/ 3:1 SLOPES -SINGLE CELL- HEIGHTS 6-12 FT - SPANS 6-24 FT
 WINGS W/ 3:1 SLOPES -SINGLE CELL- HEIGHTS 6-12 FT - SPANS 6-24 FT
 WINGS W/ 3:1 SLOPES -SINGLE CELL- HEIGHTS 6-12 FT - SPANS 6-24 FT
 BASIC CULV DWG -DOUBLE CELL- HEIGHT 8 FT - SPANS 16-32 FT
 BASIC CULV DWG -DOUBLE CELL- HEIGHT 8 FT - SPANS 16-32 FT
 WINGS W/ 3:1 SLOPES -DOUBLE CELL- HEIGHTS 6-12 FT - SPANS 12-40 FT
 WINGS W/ 3:1 SLOPES -DOUBLE CELL- HEIGHTS 6-12 FT - SPANS 12-40 FT
 WINGS W/ 3:1 SLOPES -DOUBLE CELL- HEIGHTS 6-12 FT - SPANS 12-40 FT
 BOX CULV DWG - 1BD CULVERTS MODIFIED FOR HIGH COVER - WINGS W/ 3:1 SLOPES
 BOX CULV DWG - 1BD CULVERTS MODIFIED FOR HIGH COVER - WINGS W/ 3:1 SLOPES

IBJL-1-97 7501
 ICJ-1-97 7504
 IBS-6-2W-97 7507
 IBS-6-2W-97 7508
 IWS-3-97 7515
 IWS-3-97 7516
 IWS-3-97 7517
 IBD-8-2W-97 7530
 IBD-8-2W-97 7531
 IWD-3-97 7536
 IWD-3-97 7537
 IWD-3-97 7538
 IBDM-3W-97 7544
 IBDM-3W-97 7545

CROSS SECTIONS (101)

MAINLINE (SR 32) - STA. 506+50.00 (BOP) TO STA. 699+00.00 (EOP)
 DETOUR (SR 32) - STA. 620+00.00 TO STA. 635+00.00
 LOCAL ROAD (SHELEY RD.) - STA. 10+00.00 TO STA. 15+26.25
 LOCAL ROAD (TIPPO RD.) - STA. 10+30.00 TO STA. 12+00.00
 LOCAL ROAD (HOLLY GROVE RD.) - STA. 8+89.35 TO STA. 9+62.00
 LOCAL ROAD (BLUE CANE RD.) - STA. 10+39.96 TO STA. 12+00.00

9001 - 9080
 9081 - 9088
 9089 - 9093
 9094 - 9096
 9097 - 9098
 9099 - 9101

TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) - 289
 (SEE SHEET 8001 FOR BRIDGE SHEETS)

ROADWAY DESIGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
COUNTY: TALLAHATCHIE	
PROJ. NUM.: EXB-0051-02(024)	
DATE	FILENAME: DI.DGN
DESIGN TEAM	F&A CHECKED DATE
REVISION	WORKING NUMBER
	DI-2
	SHEET NUMBER
	3



10/16/2017 11:35 AM DI.DGN

STATE	PROJECT NO.
MISS.	EXB-0051-02(024)

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 SIGNS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) (LATEST EDITION).
- ③ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- ④ 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.
- ⑤ 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 (NOT A SEPARATE PAY ITEM).
- 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 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 FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- ⑫ ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- 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 THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.
- ⑮ VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
- ⑯ THE CONTRACTOR SHALL COVER ANY SIGNS SHOWN IN THE PLANS THAT DO NOT APPLY TO THE CURRENT PHASE.
- ⑰ EXISTING DRAIN PIPES, CULVERTS, CROSS DRAINS, AND OTHER DRAINAGE STRUCTURES THAT ARE TO REMAIN SHALL BE CLEANED OF SILT, TRASH, AND DEBRIS SATISFACTORILY TO THE ENGINEER. ALL COSTS OF SAID CLEANING WILL BE CONSIDERED SUBSIDIARY TO THE CONTRACT AND WILL NOT BE MEASURED AND PAID FOR DIRECTLY. EXISTING DRAIN PIPES, CULVERTS, SIDE DRAINS, AND CROSS DRAINS WITHIN THE PROJECT LIMITS THAT ARE NOT TO BE UTILIZED SHALL BE REMOVED OR COMPLETELY PLUGGED WITH FLOWABLE FILL.
- ⑱ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- 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 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.

GENERAL NOTES (CONT.)

- ㉑ 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.
- 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 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 6" 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 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.
- ㉗ 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.
- ㉘ ALL PAVEMENT MARKING SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON THE PLAN SHEETS.
- ㉙ ALL PROPOSED PAVEMENT MARKINGS, GUARDRAIL, AND PERMANENT SIGNING SHALL BE INSTALLED BEFORE OPENING THE NEW FACILITY TO TRAFFIC, UNLESS DIRECTED AND SPECIFICALLY APPROVED OTHERWISE BY THE ENGINEER.
- ㉚ THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- ㉛ THE CLEARING LIMITS ADJACENT TO THE STREAM(S) AT STATION(S) 552+00, 575+00, 597+00, 626+00L, 638+00R, 645+00R AND 669+00R 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.
- ㉜ THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- ㉝ ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- ㉞ ERECTION DATES ARE TO BE LEGIBLY WRITTEN IN BOLD, BLACK MARKINGS ON THE BACK OF ALL PERMANENT SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT, AND MARKS ON WET OR DRY SURFACES.
- ㉟ STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.

10/17/2017 11:55 AM GN.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION



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GENERAL NOTES	
COUNTY: TALLAHATCHIE	
PROJ. NUM.: EXB-0051-02(024)	
FILENAME: GN.DGN	WORKING NUMBER GN-1
DESIGN TEAM	SHEET NUMBER 4
F&A	CHECKED
DATE	DATE