STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR–0834–00(022)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR–0834–00(022)

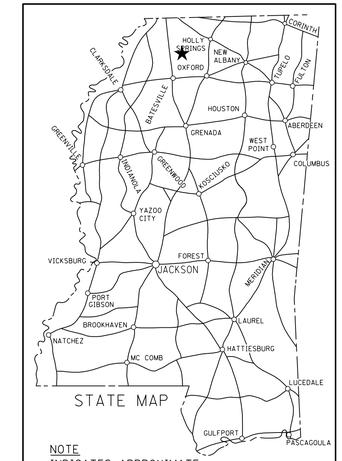
BRIDGE REPLACEMENT
S.R. 310
PANOLA COUNTY

FMS CON. NO. 106967/301000

GENERAL INDEX

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 5855.0 FT.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT.34°30'36.14"N LONG. 89°53'17.80"W
(APPROX. MIDDLE OF PROJECT)

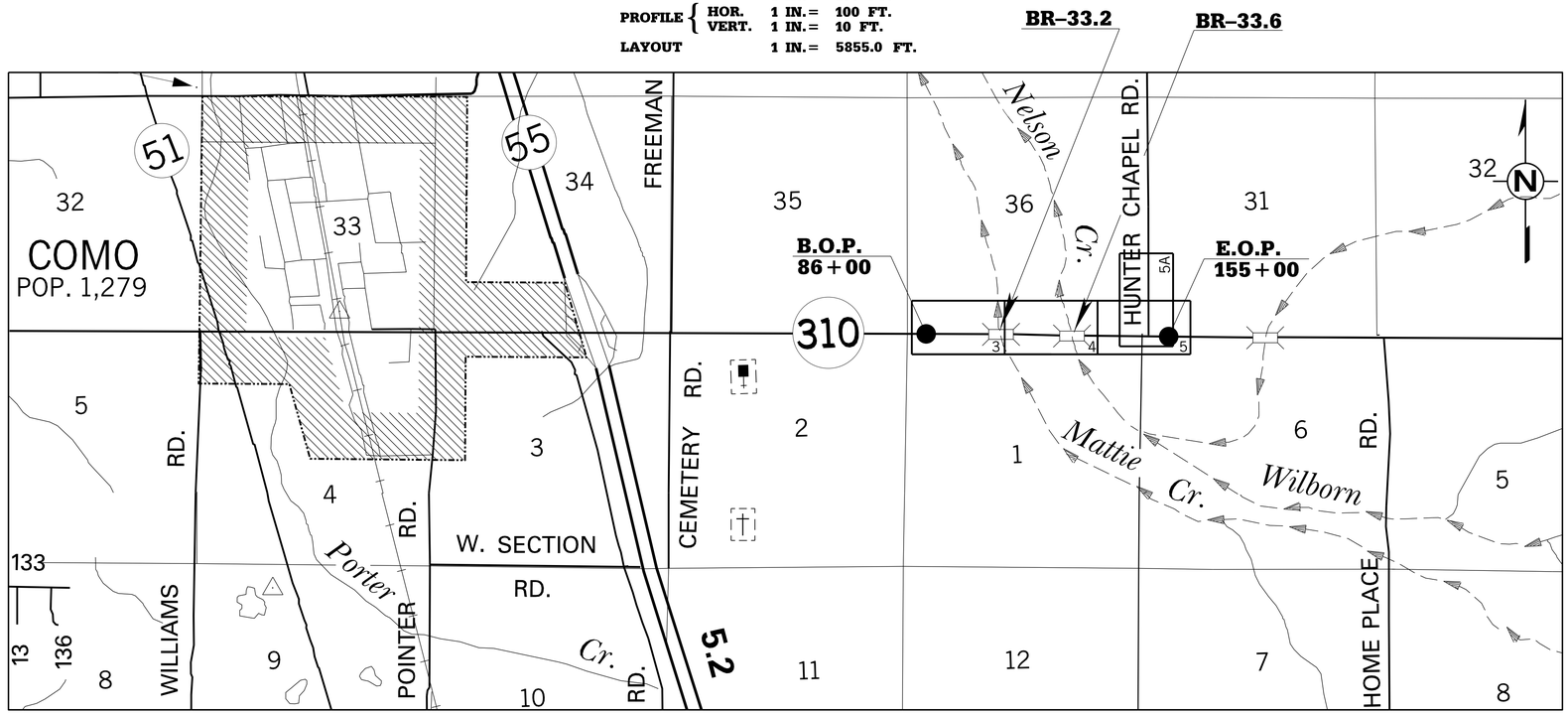
BRIDGE STRUCTURES REQ'D.

BR 33.2
STA. 117+52 TO STA. 120+87
SPANS: 1@100'; 1@135'; 1@100'

BR 33.6
STA. 134+24 TO STA. 137+59
SPANS: 1@100'; 1@135'; 1@100'

BOX BRIDGES REQ'D.

NONE



CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 149+82.018 AH =
STA. 149+93.505 BK

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	6,900	FT.	1.31	MI.
LENGTH OF BRIDGES	670	FT.	0.13	MI.
LENGTH OF PROJECT (NET)	7,570	FT.	1.44	MI.
LENGTH OF EXCEPTIONS				MI.
LENGTH OF PROJECT (GROSS)	7,570	FT.	1.44	MI.

DESIGN CONTROL
55 MPH = V (SPEED DESIGN)
ADT (2030) = 1800: ADT (2040) = 2000
DHV = 240 : D = 60 % T = 8 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	Y	Y
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

STORMWATER PERMIT [Y]

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: _____

P S & E DATE: 11/1/2020
APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

MARCUS L. MCINTIRE LICENSED PROFESSIONAL ENGINEER 12-16-20 19990 STATE OF MISSISSIPPI

REVISIONS BY DATE

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TITLE SHEET 310.DGN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
12/14/2020 09:00:09

1st O.REV.

STATE	PROJECT NO.
MISS.	BR-0834-00(022)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET (1)		–	1
DETAILED INDEX & GENERAL NOTES (4)			
DETAILED INDEX		DI–1	2
DETAILED INDEX		DI–2	3
GENERAL NOTES		GN–1	4
GENERAL NOTES		GN–2	5
TYPICAL SECTION SHEETS (3)			
TYPICAL SECTION – MAINLINE, WIDENING AND OVERLAY, HUNTER CHAPEL ROAD		TS–1	6
TYPICAL SECTION – MAINLINE NEW CONSTRUCTION		TS–2	7
TYPICAL SECTION – ROCK CHUTE DETAILS, DIVERSION DITCH DETAIL		TS–3	8
QUANTITY SHEETS (14)			
SUMMARY OF QUANTITIES		SQS–1	9
SUMMARY OF QUANTITIES		SQS–2	10
SUMMARY OF QUANTITIES		SQS–3	11
ESTIMATED QUANTITIES – REMOVAL ITEMS		EQ–1	12
ESTIMATED QUANTITIES – EARTHWORK		EQ–2	13
ESTIMATED QUANTITIES – EROSION CONTROL, TYPE D SILT BASIN		EQ–3	14
ESTIMATED QUANTITIES – GUARDRAIL, BRIDGE END PAVEMENT		EQ–4	15
ESTIMATED QUANTITIES – DRAINAGE STRUCTURES		EQ–5	16
ESTIMATED QUANTITIES – DRIVEWAYS		EQ–6	17
ESTIMATED QUANTITIES – TRAFFIC CONTROL		EQ–7	18
ESTIMATED QUANTITIES – PAVEMENT MARKINGS		EQ–8	19
ESTIMATED QUANTITIES – ROADSIDE SIGNS		EQ–9	20
ESTIMATED QUANTITIES – SIGN ASSEMBLIES		EQ–10	21
ESTIMATED QUANTITIES – TRAFFIC CONTROL SIGNS		TCPQ–1	22
PLAN & PROFILE SHEETS (4)			
PLAN /PROFILE – SR 310		WK–3	23
PLAN /PROFILE – SR 310		WK–4	24
PLAN /PROFILE – SR 310		WK–5	25
PLAN /PROFILE – HUNTER CHAPEL ROAD		WK–5A	26
SPECIAL DESIGN SHEETS (30)			
EROSION CONTROL PLAN – SR 310		ECP–3	27
EROSION CONTROL PLAN – SR 310		ECP–4	28
EROSION CONTROL PLAN – SR 310		ECP–5	29
CONSTRUCTION SIGNING – SR 310		CS–1	30
TRAFFIC CONTROL – CONSTRUCTION PHASE NOTES		TC–GN–1	31
TRAFFIC CONTROL – CONSTRUCTION GENERAL NOTES		TC–GN–2	32
TRAFFIC CONTROL PLAN – PHASE 1		TC–1	33
TRAFFIC CONTROL PLAN – PHASE 2		TC–2	34
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TRAFFIC CONTROL PLAN – PHASE 3		TC–3	36
INTERSECTION DETAIL – SR 310 AT HUNTER CHAPEL RD.		ID–1	37
PAVEMENT MARKINGS – SR 310 – 86+00 TO 104+00		PMD–1	38
PAVEMENT MARKINGS – SR 310 – 104+00 TO 122+00		PMD–2	39
PAVEMENT MARKINGS – SR 310 – 122+00 TO 140+00		PMD–3	40
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CULVERT HYDRAULIC DESIGN SUMMARY		CHD–1	42

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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VEGETATION SCHEDULE		VS–1	43
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EASEMENT COORDINATES		RWC–2	45
SURVEY CONTROL SHEET		GCP–CN1	46
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)		SDSE–2A	47
SUPERELEVATION RUNOFF CASE I – ROTATION ABOUT CENTERLINE		SDRO–1	48
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2–LANE, 2–WAY HIGHWAY		SDGR–4A	49
PIPE CULVERT INSTALLATION		SDPI–1	50
RIPARIAN BUFFER		ECP–RB–3	51
RIPARIAN BUFFER		ECP–RB–4	52
BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)		SDBE–1	53
37.5" BRIDGE END PAVEMENT RAIL		SDBER–1	54
SIGN SUPPORT HARDWARE 2.5" SQUARE POST		TSS–1	55
SIGN SUPPORT HARDWARE 2.0" SQUARE POST		TSS–2	56
PERMANENT SIGNS (1)			
PERMANENT SIGNAGE PLAN – SR 310 STA. 86+00 TO STA. 155+00		PSP–1	1001
STANDARD DRAWINGS – ROADWAY SHEETS (70)			
PAVEMENT MARKING DETAILS FOR 2–LANE AND 4–LANE DIVIDED ROADWAYS		PM–1	6051
2–WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2–LANE)		PM–11	6061
RUMBLE STRIPES 2–LANE HIGHWAYS (ASPHALT LANES, 2–FT ASPHALT SHOULDERS)		RS–1	6064
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
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK		ECD–6	6106
DETAIL OF EROSION CONTROL SILT DIKE DITCH CHECKS		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
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS		ECD–11	6111
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES AND SAGS		ECD–12	6112
INLET PROTECTION DETAILS OF WATTLES		ECD–13	6113
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE		ECD–14	6114
INLET PROTECTION DETAILS OF SAND BAG		ECD–15	6115
STABILIZED CONSTRUCTION ENTRANCE		ECD–16	6116
TEMPORARY CULVERT STREAM CROSSING		ECD–17	6117
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 TREATMENT		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) (135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE)		BAS–D	6129

MENDROP ENGINEERING RESOURCES, LLC

PS & E PLANS -DATE 11/11/20

FMS CONST. No. 106967 / 301000

PLAN REVISIONS

	DATE	SHEET NO.	BY
1	8/20/2021	2, 5, 9-11, 16, 18, 22-26, 28-30, 34-36, 9017,9018	PWR
2	9/17/2021	9,10,11	PWR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

COUNTY: PANOLA

PROJ. NUM.: BR-0834-00(022)

MARCUS L. MCINTIRE, LICENSED PROFESSIONAL ENGINEER, 8/20/21, 19990, STATE OF MISSISSIPPI

WORKING NUMBER: DI-1

SHEET NUMBER: 2

REVISION BLOCK UPDATED: PWR

DATE: 8/20/21

FILENAME: DI.DGN

DESIGN TEAM MER, LLC CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/20/2021 10:38:05 AM: DGN

FMS CON:106967/301000

STATE	PROJECT NO.
MISS.	BR-0834-00(022)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
STANDARD DRAWINGS – ROADWAY SHEETS (CONTINUED)			
SUPER SILT FENCE		SSF–1	6130
EROSION CONTROL BLANKET		ECB–1	6131
GUARDRAIL: "W" BEAM (WOOD POSTS)		GR–1	6201
GUARDRAIL: THREE 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: RUB RAIL HARDWARE		GR–RR	6218
GUARDRAIL: MISCELLANEOUS HARDWARE		GR–HW	6221
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–6	6310
BREAKAWAY SIGN SUPPORTS		SN–6A	6311
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	6319
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE– LANE OF TWO –WAY TRAFFIC)		TCP–1	6351
SHORT DURATION CLOSING OF TWO– LANE TWO –WAY HIGHWAYS		TCP–6	6356
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP–8	6358
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTI LANE ROADS AND TWO– LANE ROADS		TCP–9	6359
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		TCP–15	6365
TRAFFIC CONTROL DRUM PLACEMENT AND SHOULDER CLOSURE DETAIL		TCP–16	6366
RIGHT – OF – WAY MARKER		RW–1	6401
RURAL DRIVEWAYS		RD–1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS		GT–1	6404
SIGHT FLARE		SF–1	6405
MISCELLANEOUS DETAIL SHEET		MDS–1	6425
DETAILS OF PAVED FLUMES		PF–1	6426
FLEXIBLE PIPE CULVERT INSTALLATION		PI–2	6502
CONCRETE PIPE COLLAR		PC–1	6503
JUNCTION BOX FOR PIPE CULVERTS		JB–1	6504
FLARED END SECTION FOR CONCRETE PIPE		FE–1	6530
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE–1A	6531
FLARED END SECTION FOR METAL PIPE AND ARCH PIPE		FE–1B	6532
CROSS SECTIONS (22)			
SR 310	——		9001 – 9020
HUNTER CHAPEL ROAD	——		9021 – 9022
TOTAL SHEETS (EXCLUDING BRIDGE SHEETS)			149

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

12/14/2020 09:08:10 DI.DGN

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DETAILED INDEX

MARCUS L. MCINTYRE
LICENSED PROFESSIONAL ENGINEER
12-16-20
19990
STATE OF MISSISSIPPI

COUNTY: PANOLA
PROJ. NUM.: BR-0834-00(022)

WORKING NUMBER
DI-2

FILENAME: DI.DGN
DESIGN TEAM MER, LLC CHECKED DATE 05/2020

SHEET NUMBER
3

STATE	PROJECT NO.
MISS.	BR-0834-00(022)

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. 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 COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
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. 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.
11. WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
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. 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 ITEMS BID.
16. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SURFACE TREATED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH SECTION 410 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.
17. ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
18. THE CONTRACTOR SHALL 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.
19. THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
20. REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
21. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.

GENERAL NOTES (CONT.)

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. THIN LAYERS OF ROCK ENCOUNTERED DURING EXCAVATION WILL BE PAID FOR AS UNCLASSIFIED EXCAVATION. SOLID ROCK AS SHOWN ON PLANS AND CROSS SECTIONS WILL BE PAID FOR AS ROCK EXCAVATION.
25. 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.
26. FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 117+00 TO 122+00 AND 133+00 TO 138+00, SEE WORKING SHEET NUMBERS ECP-RB-3 AND ECB-RB-4 THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
27. THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
28. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
29. 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.
30. SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
31. 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.
32. THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
33. 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.
34. THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
35. 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.
36. 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.
37. ALL POST, PIPE, AND I-BEAM LENGTHS THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION. THESE IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED

REVISION | BY | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

MARCUS L. MCINTURE, LICENSED PROFESSIONAL ENGINEER, 12-16-20, 19990, STATE OF MISSISSIPPI

COUNTY: PANOLA
PROJ. NUM.: BR-0834-00(022)

WORKING NUMBER: GN-1

FILENAME: GN.DGN
DESIGN TEAM ___ MER ___ CHECKED ___ DATE 05/2020

SHEET NUMBER: 4

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/14/2020 09:00:10 GN.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	BR-0834-00(022)

GENERAL NOTES (CONT.)

38 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.

39 ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.

40 DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED. ⚠

41 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), MUTCD 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.

42 ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

43 ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.

44 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.

45 THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.

46 ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.

47 ALL SIDE ROAD, STOP SIGN MOUNTED STREET NAME SIGNS TO BE SALVAGED AND STORED AT THE DIRECTION OF THE PROJECT ENGINEER FOR DELIVERY TO THE CITY (NOT A SEPARATE PAY ITEM).

48 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.

49 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 9 FEET IN LENGTH AND SHALL BE ADEQUATELY MAINTAINED.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/20/2021 10:11:53 ASM_DGN

DATE	REVISION	BY
8/20/21	GENERAL NOTE # 40 REVISED	PWR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

MARCUS L. MCINTIRE
LICENSED PROFESSIONAL ENGINEER
8/20/21
19990
STATE OF MISSISSIPPI

COUNTY: PANOLA
PROJ. NUM.: BR-0834-00(022)

WORKING NUMBER: GN-2

FILENAME: GN.DGN
DESIGN TEAM MER CHECKED DATE 05/2020

SHEET NUMBER: 5