LAMAR / PEARL RIVER COUNTY

107069 / 101000 & 102000

P.E. SP-0059-01(117) & SP-0059-01(118)

PROJECT NO. STATE MISS. IM-0059-01(117)

SH. WKG. DESCRIPTION OF SHEET NO. TITLE SHEET (1) DETAIL INDEX AND GENERAL NOTES (2) DI-1 DETAIL INDEX GENERAL NOTES GN-1 TYPICAL SECTIONS (5) TYPICAL SECTION - MAIN FACILITY TS-1 TYPICAL SECTION - INTERCHANGE RAMPS TS-2 TYPICAL SECTION - PAVING DETAILS TS-3 TYPICAL SECTION - PAVING DETAILS AT RAMPS TS-4 TYPICAL SECTION - ROADSIDE CLEAR ZONES REQUIRED TS-5 QUANTITY SHEETS (8) SUMMARY OF QUANTITIES - LAMAR CO SQ-1 SUMMARY OF QUANTITIES - PEAR RIVER CO SQ-2 10 SUMMARY OF QUANTITIES - PEARL RIVER CO SQ-3 SUMMARY OF QUANTITIES - PROJECT TOTAL SQ-4 12 SUMMARY OF QUANTITIES - PROJECT TOTAL SQ-5 13 <u>ESTIMATED QUANTITIES - GUARDRAIL REMOVAL ITEMS</u> EQ-1 14 ESTIMATED QUANTITIES - GUARDRAIL REQUIRED EQ-2 ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS EQ-3 PLAN & PROFILE SHEETS (13) STA. 1748+44.38 (B.O.P.) TO STA. 1771+00.00 WK3 STA. 1770+00.00 TO STA. 1801+00.00 WK4 18 STA. 1800+00.00 TO STA. 1831+00.00 WK5 19 STA. 1830+00.00 TO STA. 1861+00.00 20 WK6 STA. 1860+00.00 TO STA. 1891+00.00 WK7 21 | STA. 1890+00.00 TO STA. 1921+00.00 22 STA. 1920+00.00 TO STA. 1951+00.00 WK9 23 STA. 1950+00.00 TO STA. 1981+00.00 WK1Ø 24 STA. 1980+00.00 TO STA. 65+50.00 25 WK11 STA. 54+00.00 TO STA. 76+68.00 WK12 26 STA. 75+00.00 TO STA. 106+00.00 WK13 27 STA. 105+00.00 TO STA. 136+00.00 WK14 28 STA. 135+00.00 TO STA. 163+44.38 (EOP) WK15 29 SPECIAL DESIGN SHEETS (7) MILLING TRANITIONS RT. & LT. LANE GUMPOND ROAD UNDERPASS RD-1 3Ø MILLING TRANITIONS RT. & LT. LANE SR 13 UNDERPASS RD-2 BRIDGE PROTECTION DETAILS HILLSDALE RD UNDERPASS NORTHBOUND & SOUTHBOUND BPD-1 32 BRIDGE PROTECTION DETAILS GUMPOND RD UNDERPASS NORTHBOUND & SOUTHBOUND BPD-2 BRIDGE PROTECTION DETAILS SR 13 UNDERPASS NORTHBOUND & SOUTHBOUND BPD-3 34 DETAILS OF CONSTRUCTION SIGNING DCS-1 DETAILS OF CONSTRUCTION SIGNING DCS-2

DESCRIPTION OF SHEET		SH. NO.
STANDARD DRAWINGS (27)		
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1	6051
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL AND TAPER)	PM-3	6Ø53
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL AND TAPERS)	PM-4	6Ø54
RUMBLE STRIP DETAIL FOR OFGC OR CONCRETE ROADWAY WITH ASPHALT SHOULDERS	RS-3	6066
GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B	62Ø3
GUARDRAIL: BRIDGE END SECTION-TYPE I (STEEL POSTS) (NEW CONSTRUCTION)	GR-2G	6211
GUARDRAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)	GR-3	6212
GUARDRAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	GR-3A	6213
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR-4	6214
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	GR-4B	6216
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
CONCRETE MEDIAN BARRIER (PRECAST)(32")	CMB-3	6226
3'-6" PIER PROTECTION DETAILS (1 OF 3)	PPD-A1	6228
3'-6" PIER PROTECTION DETAILS (2 OF 3)	PPD-A2	6229
3'-6" PIER PROTECTION DETAILS (3 OF 3) 4'-6" PIER PROTECTION DETAILS (1 OF 3)	PPD-A3 PPD-B1	623Ø 6231
4'-6" PIER PROTECTION DETAILS (1 OF 3)		
4'-6" PIER PROTECTION DETAILS (2 OF 3)	PPD-B2 PPD-B3	6232
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	6233 6314
TYPICAL INSTALLATION AND DETAILS OF DELINEATONS AND DISTANCE NETENCE SIGNS	SN-8C	6317
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH	TCP-5	6355
(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE	101 0	0333
LANE CLOSURE)(WORK DAY ONLY)		
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
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS	TCP-1Ø	636Ø
TRAFFIC CONTROL PLANS FOR UNEVEN PAVEMENT DETAILS	TCP-12	6362
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
TOTAL NUMBER OF SHEETS (63)		
TOTAL NOMBER OF SHEETS (05)		

## DISTRICT 6

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PS & E PL	11/16/2021					
FMS CON. *	<sup>‡</sup> 107069 /	3Ø1ØØØ	&	302000		
REVISIONS						
DATE	SHEET	NO.		BY		
12/17/21	3			MVB		

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAIL INDEX

> PROJ. NO.: IM-0059-01(117) COUNTY: LAMAR / PEARL RIVER

片 FILE NAME: <u>DI.DGN</u>

DESIGN TEAM <u>SIXTH</u> CHECKED \_\_DATE\_\_OCT. 2021 WORKING NUMBER DI-1 SHEET NUMBER

STATE PROJECT NO.

MISS. IM-0059-01(117)

GENERAL NOTES

- 1. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLAN ARE APPROXIMATE AND MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.
- 2. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION. (NOT A SEPARATE PAY ITEM)
- 3. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS AND STRAIGHTNESS.
- 4. PRIOR TO PLACEMENT OF THE ASPHALT, ALL RAISED PAVEMENT MARKERS THROUGHOUT THE PROJECT SHALL BE REMOVED, PATCH SPALLING AT TRANSVERSE AND LONGITUDINAL PAVEMENT JOINTS, AND CLIP BULGING ASPHALT AT PAVEMENT JOINTS (COST ABSORBED).
- 5. THE CONTRACTOR SHALL PROVIDE 2 PORTABLE R16-3 SIGNS REQUIRED BY THE STANDARD DRAWINGS FOR LANE CLOSURES (THE COST IS TO BE INCLUDED IN THE PRICE BID FOR PAY ITEM NO. 618-A, MAINTENANCE OF TRAFFIC).
- 6. CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF FIFTEEN (15) POUNDS. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
- 7. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE (NOT A SEPARATE PAY ITEM).
- 8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT

  DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. 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 STRUCTURES.
- 9. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 10. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- 11. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- 12. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. PROTECTIVE MEASURES INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE FACILITY ARE NOT CONSIDERED A SEPARATE PAY ITEM.
- 14. CENTERLINE RED/CLEAR PAVEMENT MARKERS SHALL BE PLACED AT A 40' INTERVAL FROM BOP TO EOP.
- 15. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
- 16. THE RECLAIMED ASPHALT PAVEMENT (RAP) MATERIAL REMOVED BY THE MILLING OPERATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF 500 TONS AND SHALL BE DELIVERED TO THE PEARL RIVER COUNTY MAINTENANCE OFFICE LOCATED AT 4477 HWY 53, POPLARVILLE, MS 39470. SUFFICIENT ADVANCE NOTICE SHALL BE GIVEN TO ENSURE THAT MOOT MAINTENANCE PERSONNEL WILL BE ON HAND TO DIRECT THE DELIVERY. THE CONTRACTOR SHALL ALSO PROVIDE MDOT WITH AN OPERATOR AND THE NECESSARY EQUIPMENT TO STOCKPILE THE DELIVERY. THE COST OF WHICH SHALL BE ABSORBED.
- 17. 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.
- 18. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NO LONGER BE MAILED. ALL ADDENDA FOR THIS PROJECT WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT. PLEASE CONTACT CONTRACT ADMINISTRATION DIVISION AT 601-359-7700 FOR ANY QUESTIONS REGARDING ELECTRONIC ADDENDA.
- 19. THE OFFICIAL CROSSOVER LOCATED AT STATION 1900+25 IS TO BE OVERLAYED WITH  $1\frac{1}{2}$ " DEPTH ASPHALT (1@1 $\frac{1}{2}$ " (ST), 9.5mm MIX).
- 20. STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURE.
- 21. MILLED SURFACES IN THE ROADWAY LANES MUST BE OVERLAYED AND TEMPORARILY STRIPED THE SAME DAY/NIGHT THEY ARE MILLED. TRAFFIC SHALL NOT BE ALLOWED TO TRAVEL ON A MILLED SURFACE, UNLESS DIRECTED OTHERWISE BY THE PROJECT ENGINNER.
- 22. THE CONTRACTOR SHALL PROVIDE A VARIABLE MESSAGE BOARD (THE COST IS TO BE INCLUDED IN THE PRICE BID FOR PAY ITEM NO. 907-618-A001, MAINTENANCE OF TRAFFIC). A VARIABLE MESSAGE BOARD SHALL BE PLACED 2 MILES IN ADVANCE OF EACH LANE CLOSURE.
- 23. ON CONRETE RAMPS, STRIPE IS TO BE REMOVED AND REPLACED WITH COLD PLASTIC STRIPE OR AN APPROVED EQUAL. ALL JOINTS ARE TO BE CLEANED AND FILLED. (PAYMENT BY PAY ITEMS)
- 24. THE MAXIMUM LENGTH OF ANY LANE CLOSURE IS THREE (3) MILES, INCLUDING TAPERS. THE MINIMUM DISTANCE BETWEEN LANE CLOSURES SHALL BE TWO (2) MILES IN THE SAME LANE AND THREE (3) MILES IN OPPOSITE LANES.
- 1. ANY SITE GRADING AND ALL FILL MATERIAL NECESSARY AT THE BRIDGE PROTECTION LOCATIONS WILL NOT BE MEASURED FOR SEPARATE PAYMENT BUT WILL BE ABSORBED IN OTHER PAY ITEMS. SEEDING, FERTILIZER, AND VEGETATIVE MULCH

  ARE REQUIRED ON ALL DISTURBED AREAS AT THE BRIDGE PROTECTION SITE AND WILL BE CONSIDERED AN ABSORBED ITEM. APPLICATION RATES FOR BERMUDA AND BAHIA GRASS WILL BE 20 AND 25 POUNDS PER ACRE. APPLICATION RATE FOR MULCH SHALL BE TWO (2) TONS PER ACRE.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES

PROJ. NO.: IM-0059-01(117)
COUNTY: LAMAR / PEARL RIVER

MISSISSIPPI DEPARTMENT OF TRANSPORTATION OF

FILE NAME: <u>GENERAL NOTES.dan</u>

DESIGN TEAM SIXTH CHECKED

SHEET NUMBER