

1st O.REV.

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 checked="" type="checkbox"/> BRIDGE | 8001 |
| <input checked="" type="checkbox"/> CROSS SECTIONS | 9001 |

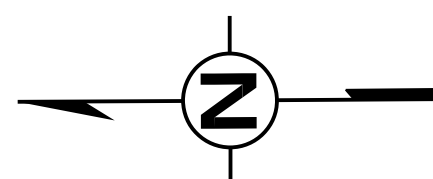
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-2901-00(028)

U.S. 51 BETWEEN COURTLAND AND POPE
BRIDGE #243.2 & #242.9
PANOLA COUNTY

FMS CON. NO. 103333/ 301000



SCALES

| | |
|---------|----------------------|
| PLAN | 1 IN. = 100 FT. |
| PROFILE | HOR. 1 IN. = 100 FT. |
| | VERT. 1 IN. = 10 FT. |
| LAYOUT | 1 IN. = 1250 FT. |

BOP STA. 1497 + 50.00

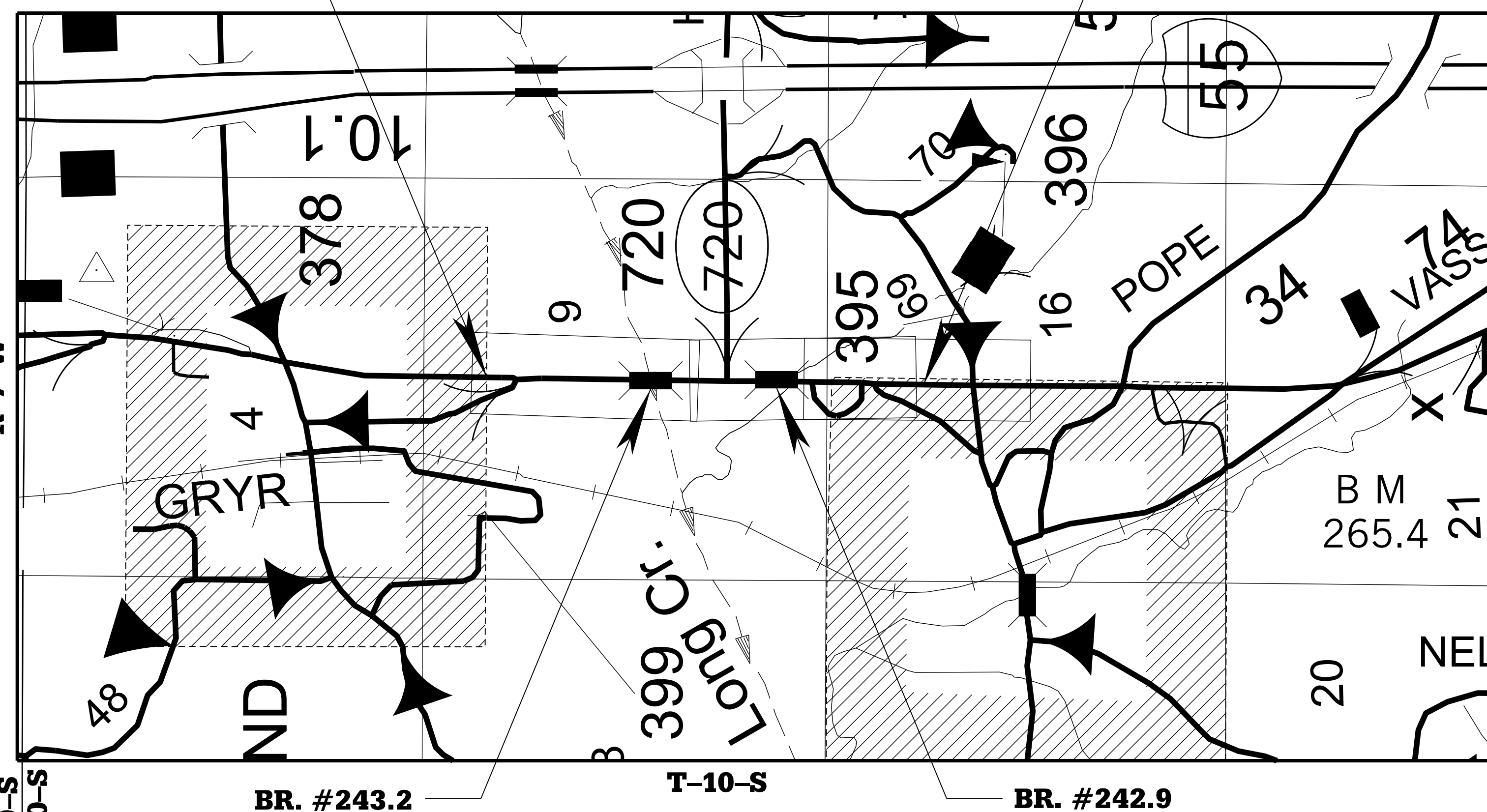
EOP STA. 1561 + 50.00

BRIDGE STRUCTURES REQ'D.

STA. 1518 + 76.92
BRIDGE NO. 243.2
SPANS: 2@80', 6@135'

STA. 1538 + 56.47
BRIDGE NO. 242.9
SPANS: 1@100', 1@140', 1@80'
45° LEFT FORWARD SKEW

BOX BRIDGES REQ'D.



EQUATIONS
STA. 1560 + 04.65 B.K. = STA. 1560 + 00.00 A.H.

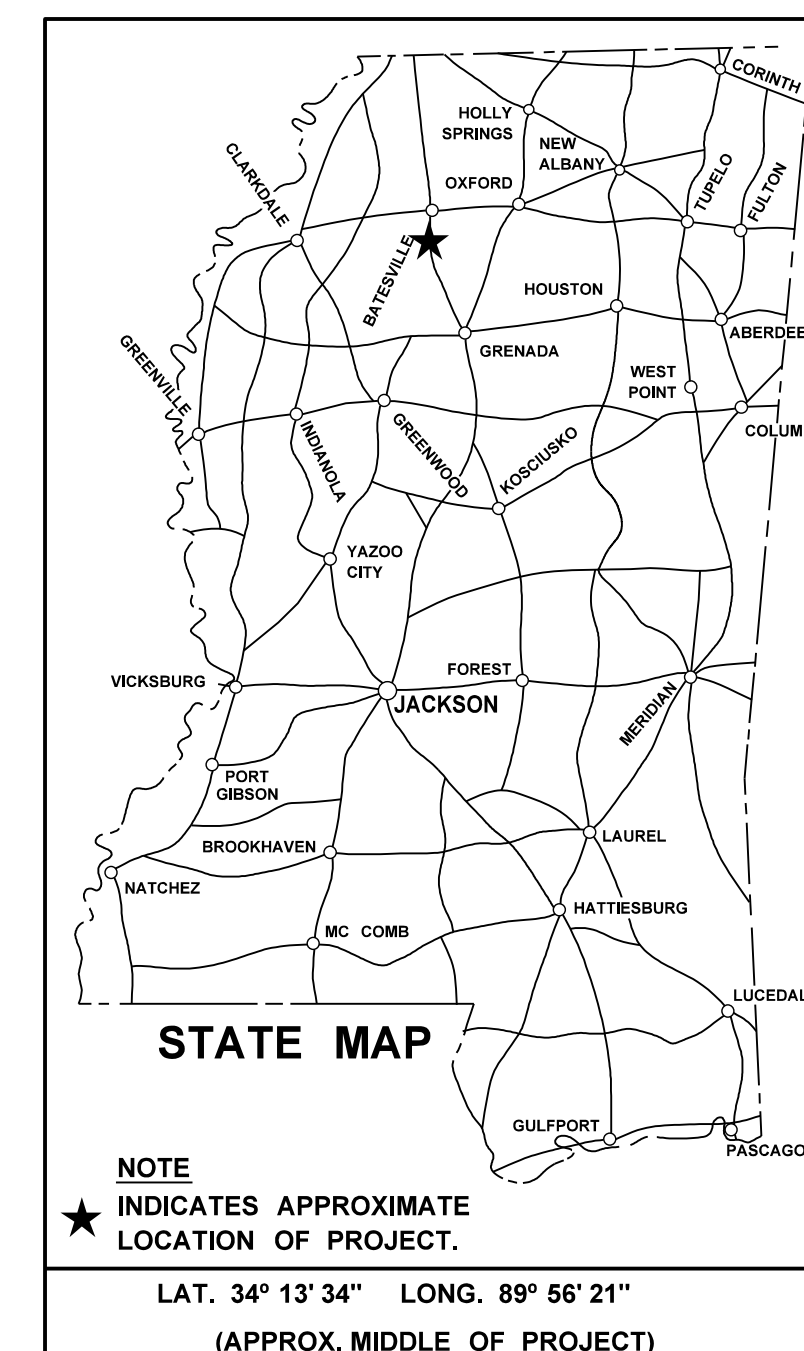
LENGTH DATA

| | | |
|---------------------------|-------------|------------|
| LENGTH OF ROADWAY | 5109.43 FT. | 0.9677 MI. |
| LENGTH OF BRIDGES | 1295.22 FT. | 0.2453 MI. |
| LENGTH OF PROJECT (NET) | | 1.2130 MI. |
| LENGTH OF EXCEPTIONS | | MI. |
| LENGTH OF PROJECT (GROSS) | 6404.65 FT. | 1.2130 MI. |

CONVENTIONAL SYMBOLS

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

| STATE | PROJECT NUMBER | SHEET NO. |
|-------------|-----------------|-----------|
| MISSISSIPPI | BR-2901-00(028) | 1 |



DESIGN CONTROL

60 MPH = V (SPEED DESIGN)

ADT (2016) = 3500 ; ADT (2030) = 4700

DHV = 560 ; D = 60 % T = 7 %

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 Y

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: _____

P S & E DATE: 11/1/2020

| REVISED PERMIT BLOCK | DATE | BY |
|----------------------|------|----|
| | | |
| | | |
| | | |

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

1/27/2021 8:47 AM TITILE.DGN

1st O.REV.


| STATE | PROJECT NO. |
|-------|-----------------|
| MISS. | BR-2901-00(028) |

| DESCRIPTION OF SHEET | WKG. NO. | SH. NO. | DESCRIPTION OF SHEET | WKG. NO. | SH. NO. |
|--|----------|---------|---|----------|---------|
| TITLE SHEET (1) | | 1 | TRAFFIC CONTROL - PHASE IV | TC-14 | 52 |
| DETAILED INDEX & GENERAL NOTES (4) | | | INTERSECTION DETAIL - WOODRUFF STREET | ID-1 | 53 |
| DETAILED INDEX | DI-1 | 2 | INTERSECTION DETAIL - HENTZ ROAD (1 OF 3) | ID-2 | 54 |
| DETAILED INDEX | DI-2 | 3 | INTERSECTION DETAIL - HENTZ ROAD (2 OF 3) | ID-3 | 55 |
| GENERAL NOTES | GN-1 | 4 | INTERSECTION DETAIL - HENTZ ROAD (3 OF 3) | ID-4 | 56 |
| GENERAL NOTES | GN-2 | 5 | INTERSECTION DETAIL - DOGWOOD STREET | ID-5 | 57 |
| TYPICAL SECTION SHEETS (9) | | | FORMGRADES - U.S. 51/WOODRUFF STREET | FG-1 | 58 |
| TYPICAL SECTION SHEETS MAINLINE U.S. 51, NEW CONSTRUCTION | TS-1 | 6 | FORMGRADES - U.S. 51/WOODRUFF STREET | FG-2 | 59 |
| TYPICAL SECTION SHEETS MAINLINE U.S. 51, NEW CONSTRUCTION | TS-2 | 7 | FORMGRADES - U.S. 51/HENTZ ROAD | FG-3 | 60 |
| TYPICAL SECTION SHEETS MAINLINE U.S. 51, WIDENING/OVERLAY & OVERLAY/NEW CONSTRUCTION | TS-3 | 8 | FORMGRADES - U.S. 51/HENTZ ROAD | FG-4 | 61 |
| TYPICAL SECTION SHEETS LOCAL ROAD (HENTZ ROAD) - INTERSECTION LIMITS | TS-4 | 9 | FORMGRADES - U.S. 51/DOGWOOD STREET | FG-5 | 62 |
| TYPICAL SECTION SHEETS LOCAL ROADS (WOODRUFF & DOGWOOD STREET) - INTERSECTION LIMITS | TS-5 | 10 | FORMGRADES - U.S. 51/DOGWOOD STREET | FG-6 | 63 |
| TYPICAL SECTION SHEETS LOCAL ROADS (HENTZ ROAD, WOODRUFF & DOGWOOD STREET) | TS-6 | 11 | PAVEMENT MARKING DETAIL - WOODRUFF STREET | PMD-1 | 64 |
| TYPICAL SECTION SHEETS MISCELLANEOUS DETAILS (GUARD RAIL I) | TS-7 | 12 | PAVEMENT MARKING DETAIL - HENTZ ROAD (1 OF 3) | PMD-2 | 65 |
| TYPICAL SECTION SHEETS MISCELLANEOUS DETAILS (GUARD RAIL II) | TS-8 | 13 | PAVEMENT MARKING DETAIL - HENTZ ROAD (2 OF 3) | PMD-3 | 66 |
| TYPICAL SECTION SHEETS MISCELLANEOUS DETAILS (DRIVEWAYS/RAMPS) | TS-9 | 14 | PAVEMENT MARKING DETAIL - HENTZ ROAD (3 OF 3) | PMD-4 | 67 |
| QUANTITY SHEETS (16) | | | PAVEMENT MARKING DETAIL - DOGWOOD STREET | PMD-5 | 68 |
| SUMMARY OF QUANTITY | SQ-1 | 15 | PRELIMINARY EROSION CONTROL PLAN | ECP3 | 69 |
| SUMMARY OF QUANTITY | SQ-2 | 16 | PRELIMINARY EROSION CONTROL PLAN | ECP3A | 70 |
| SUMMARY OF QUANTITY | SQ-3 | 17 | PRELIMINARY EROSION CONTROL PLAN | ECP4 | 71 |
| SUMMARY OF QUANTITY | SQ-4 | 18 | PRELIMINARY EROSION CONTROL PLAN | ECP4A | 72 |
| ESTIMATED QUANTITIES - REMOVAL ITEMS | EQ-1 | 19 | PRELIMINARY EROSION CONTROL PLAN | ECP4B | 73 |
| ESTIMATED QUANTITIES - TRAFFIC CONTROL & PAVEMENT MARKING ITEMS | EQ-2 | 20 | PRELIMINARY EROSION CONTROL PLAN | ECP5 | 74 |
| ESTIMATED QUANTITIES - EROSION CONTROL ITEMS | EQ-3 | 21 | PRELIMINARY EROSION CONTROL PLAN - RIPARIAN BUFFER | ECP-RB-1 | 75 |
| ESTIMATED QUANTITIES - EROSION CONTROL ITEMS | EQ-4 | 22 | PRELIMINARY EROSION CONTROL PLAN - RIPARIAN BUFFER | ECP-RB-2 | 76 |
| ESTIMATED QUANTITIES - EARTHWORK | EQ-5 | 23 | PRELIMINARY EROSION CONTROL PLAN - RIPARIAN BUFFER | ECP-RB-3 | 77 |
| ESTIMATED QUANTITIES - DRIVEWAYS/RAMPS, SIDE DRAINS, & TYPE "D" SILT BASINS | EQ-6 | 24 | BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION) | SDBE-1 | 78 |
| ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, JUNCTION BOXES, AND CURB & GUTTER | EQ-7 | 25 | BRIDGE END PAVEMENT RAIL (37.5" RAIL HEIGHT) | SDBER-1 | 79 |
| ESTIMATED QUANTITIES - BR. END PAVEMENT & GUARD RAIL | EQ-8 | 26 | SPECIAL DESIGN - SUPERELEVATION CASE 1 ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE) | SDSE-1 | 80 |
| ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN | EQ-9 | 27 | SPECIAL DESIGN - SUPERELEVATION CASE 1 ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE) | SDSE-2A | 81 |
| ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN (POST) | EQ-10 | 28 | VEGETATION SCHEDULE | VS-1 | 82 |
| ESTIMATED QUANTITIES - DIRECTIONAL & DESTINATION SIGN ASSEMBLIES | EQ-11 | 29 | RIGHT OF WAY COORDINATES - MARKERS & EASEMENT COORDINATES | ROW-COR | 83 |
| ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS | TCP-Q | 30 | SIGN SUPPORT HARDWARE - 2.5" SQUARE POST | TSS-1 | 84 |
| PLAN AND PROFILE SHEETS (6) | | | SIGN SUPPORT HARDWARE - 2.0" SQUARE POST | TSS-2 | 85 |
| PLAN AND PROFILE SHEET - MAINLINE (1497+50 - 1528+00) | 3 | 31 | PERMANENT SIGNING (5) | | |
| PLAN AND PROFILE SHEET - LOCAL ROAD (WOODRUFF STREET) | 3A | 32 | PERMANENT SIGNING PLAN | PSP-1 | 1001 |
| PLAN AND PROFILE SHEET - MAINLINE (1528+50 - 1558+00) | 4 | 33 | PERMANENT SIGNING PLAN | PSP-2 | 1002 |
| PLAN AND PROFILE SHEET - LOCAL ROAD (HENTZ ROAD) | 4A | 34 | PERMANENT SIGNING PLAN | PSP-3 | 1003 |
| PLAN AND PROFILE SHEET - LOCAL ROAD (DOGWOOD STREET) | 4B | 35 | PERMANENT SIGNING PLAN | PSP-4 | 1004 |
| PLAN AND PROFILE SHEET - MAINLINE (1553+00 - 1561+50) | 5 | 36 | PERMANENT SIGNING PLAN: DETAIL OF GUIDE SIGN | PSP-5 | 1005 |
| SPECIAL DESIGN SHEETS (49) | | | STANDARD DRAWINGS (70) | | |
| TRAFFIC CONTROL - DETAIL OF CONSTRUCTION SIGNING | DCS-1 | 37 | CONCRETE ISLAND PAVEMENT DETAILS | CIP-1 | 6011 |
| TRAFFIC CONTROL - DETAIL OF CONSTRUCTION SIGNING | DCS-2 | 38 | PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS | PM-1 | 6051 |
| TRAFFIC CONTROL - PHASE I | TC-1 | 39 | PAVEMENT MARKING DETAILS FOR 3, 4 & 5-LANE UNDIVIDED ROADWAYS | PM-2 | 6052 |
| TRAFFIC CONTROL - PHASE I | TC-2 | 40 | | | |
| TRAFFIC CONTROL - PHASE I | TC-3 | 41 | | | |
| TRAFFIC CONTROL - PHASE I | TC-4 | 42 | | | |
| TRAFFIC CONTROL - PHASE II | TC-5 | 43 | | | |
| TRAFFIC CONTROL - PHASE II | TC-6 | 44 | | | |
| TRAFFIC CONTROL - PHASE III | TC-7 | 45 | | | |
| TRAFFIC CONTROL - PHASE III | TC-8 | 46 | | | |
| TRAFFIC CONTROL - PHASE III | TC-9 | 47 | | | |
| TRAFFIC CONTROL - PHASE III | TC-10 | 48 | | | |
| TRAFFIC CONTROL - PHASE III | TC-11 | 49 | | | |
| TRAFFIC CONTROL - PHASE IV | TC-12 | 50 | | | |
| TRAFFIC CONTROL - PHASE IV | TC-13 | 51 | | | |

2/25/2021 2:32 PM DI.DGN

ROBERTS


| PS & E PLANS-DATE: 11-11-2020 | | |
|-------------------------------|-----------|-----|
| FMS CON. # 103333-301000 | | |
| REVISIONS | | |
| DATE | SHEET NO. | BY |
| 1/15/2021 | 17 | BJR |
| 1/27/2021 | 1 | BJR |
| | | |
| | | |

| | | |
|-------------|--|--------------|
| REVISION | MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAIL INDEX | |
| |  PROJ. NO.: BR-2901-00(028) COUNTY: PANOLA WORKING NUMBER DI-1 | |
| DATE | FILENAME: RWD-DIBR.dgn | SHEET NUMBER |
| DESIGN TEAM | ROBERTS | CHECKED |
| | | DATE |
| | | 2 |

| STATE | PROJECT NO. |
|-------|-----------------|
| MISS. | BR-2901-00(028) |

| DESCRIPTION OF SHEET | WKG. NO. | SH. NO. | DESCRIPTION OF SHEET | WKG. NO. | SH. NO. |
|---|----------|---------|---|-----------|---------|
| PAVEMENT MARKING LEGEND DETAILS | PM-6 | 6056 | TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGN | SN-8 | 6314 |
| 4-LANE TO 2-LANE TRANSITION AT INTERCHANGE | PM-8 | 6058 | TYPICAL GUARDRAIL DELINEATION | SN-8C | 6317 |
| 2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE) | PM-11 | 6061 | SIGNING DETAILS FOR BRIDGE APPROACHES | SN-9 | 6318 |
| RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS) | RS-1 | 6064 | 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 |
| | | | TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS | TCP-9 | 6359 |
| | | | TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS | TCP-12 | 6362 |
| | | | TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS | TCP-13 | 6363 |
| TYPICAL TEMPORARY EROSION SEDIMENT CONTROL/SEDIMENT CONTROL APPLICATIONS | ECD-1 | 6101 | | | |
| DETAILS OF SEDIMENT BARRIER APPLICATIONS | ECD-2 | 6102 | TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED ROADWAYS | TCP-14 | 6364 |
| DETAILS OF SILT FENCE INSTALLATION | ECD-3 | 6103 | | | |
| DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS | ECD-4 | 6104 | LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED) | TCP-15 | 6365 |
| TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS) | ECD-5 | 6105 | TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE | TCP-16 | 6366 |
| DETAILS OF EROSION CONTROL WATTLE DITCH CHECK | ECD-6 | 6106 | | | |
| DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK | ECD-7 | 6107 | RIGHT-OF-WAY MARKER | RW-1 | 6401 |
| ROCK DITCH CHECK | ECD-8 | 6108 | RURAL DRIVEWAYS | RD-1 | 6403 |
| ROCK FILTER DAM | ECD-9 | 6109 | TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS | GT-1 | 6404 |
| ROCK DITCH CHECK WITH SLUMP EXCAVATION AND ROCK FILTER DAM | ECD-10 | 6110 | DRIVEWAYS, CURB & GUTTER, & SIDEWALK | SD-1 | 6419 |
| TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION | ECD-11 | 6111 | MISCELLANEOUS DETAIL SHEET 1, STACKED PIPE JOINT 2, EXCAVATION AT GRADE POINTS. | MDS-1 | 6425 |
| INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS | ECD-12 | 6112 | DETAILS OF PAVED FLUMES | PF-1 | 6426 |
| INLET PROTECTION DETAILS OF WATTLES | ECD-13 | 6113 | PIPE CULVERT INSTALLATION | PI-1 | 6501 |
| INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE | ECD-14 | 6114 | CONCRETE PIPE COLLAR | PC-1 | 6503 |
| INLET PROTECTION DETAILS OF SANDBAGS | ECD-15 | 6115 | JUNCTION BOX FOR PIPE CULVERTS | JB-1 | 6504 |
| | | | FLARED END SECTION FOR CONCRETE PIPE | FE-1 | 6530 |
| | | | | | |
| STABILIZED CONSTRUCTION ENTRANCE | ECD-16 | 6116 | | | |
| TEMPORARY CULVERT STREAM CROSSING | ECD-17 | 6117 | SPECIAL DESIGN BRIDGE SHEETS - SEE BRIDGE SHEETS BEGINNING ON 8001 | | |
| TEMPORARY STREAM DIVERSION | ECD-18 | 6118 | | | |
| TEMPORARY STREAM DIVERSION (BOX EXTENSION) | ECD-19 | 6119 | | | |
| FLOATING TURBIDITY CURTAIN | ECD-20 | 6120 | CROSS SECTION SHEETS (50) | | |
| DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK | ECD-21 | 6121 | STA. 180+34.47 TO STA. 206+00.00 (U.S. 51) | 9001-9035 | |
| SEDIMENT RETENTION BARRIER | ECD-22 | 6122 | STA. 9+15.71 TO STA. 9+50.00 (WOODRUFF STREET) | 9036-9040 | |
| | | | STA. 11+20.60 TO STA. 13+09.82 (HENTZ ROAD) | 9041-9045 | |
| | | | STA. 8+25.00 TO STA. 9+50.00 (DOGWOOD STREET) | 9046-9050 | |
| DETAILS OF TYPICAL DITCH TREATMENT | DT-1 | 6123 | | | |
| DITCH TREATMENT - SOIL REINFORCING MAT | DT-1A | 6124 | | | |
| TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN) | BAS-A | 6125 | TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) = 210 | | |
| TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN) 135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE | BAS-D | 6129 | | | |
| SUPER SILT FENCE | SSF-1 | 6130 | | | |
| | | | | | |
| 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 2-LANE, 2-WAY HIGHWAY | GR-4A | 6215 | | | |
| GUARDRAIL: RUB RAIL HARDWARE | GR-RR | 6218 | | | |
| GUARDRAIL: MISCELLANEOUS HARDWARE | GR-HW | 6221 | | | |
| | | | | | |
| ROUTE SHEILDS AND "EXIT ONLY" PANELS | SN-2 | 6302 | | | |
| STANDARD ROADSIDE SIGNS | SN-3 | 6303 | | | |
| STANDARD ROADSIDE SIGNS | SN-3A | 6304 | | | |
| STANDARD ROADSIDE SIGNS | SN-3B | 6305 | | | |
| STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION | SN-4 | 6306 | | | |
| STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION | SN-4A | 6307 | | | |
| STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION | SN-4B | 6308 | | | |

10/2/2020 9:40 AM DI.DCN

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|---|--------------------------|
| MISSISSIPPI DEPARTMENT OF TRANSPORTATION | |
| DETAIL INDEX | |
|  | |
| PROJ. NO.: BR-2901-00(028) COUNTY: PANOLA | |
| WORKING NUMBER DI-2 | SHEET NUMBER 3 |
| FILENAME: <u>RWD-DIBR.dgn</u> DESIGN TEAM: <u>ROBERTS</u> CHECKED: _____ DATE: _____ | |

| | |
|-------|-----------------|
| STATE | PROJECT NO. |
| MISS. | BR-2901-00(028) |

GENERAL NOTES


- (1) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- (2) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE **MUTCD** (LATEST EDITION).
- (3) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- (4) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT
- (5) 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 ITEMS BID.
- (7) VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF **THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION**, THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
- (8) UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
- (9) WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION, OR ANY STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- (10) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (11) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (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 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.
- (14) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (15) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

GENERAL NOTES (CONT.)

- (16) 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.
- (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 6" 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) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 1522+41.26 & 1540+16.15, SEE WORKING SHEET NUMBERS ECP-RB-1,2, & 3. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
- (20) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (21) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (22) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (23) 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.
- (24) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (25) 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.
- (26) CURB AND GUTTER VERTICAL DIMENSIONS SHOWN IN THE DETAIL DRAWINGS ARE FOR A CURB IN THE "CATCH" CONFIGURATION AND SHALL BE CONSIDERED TO BE MINIMUM DIMENSIONS. THE DIMENSIONS MAY BE MODIFIED AS NECESSARY FOR "SPILL" CURB AND GUTTER, BUT SHALL NOT BE LESS THAN THE MINIMUM SHOWN.

10/2/2020 9:40 AM GN.DGN

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| MISSISSIPPI DEPARTMENT OF TRANSPORTATION | |
| GENERAL NOTES | |
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| PROJ. NO.: BR-2901-00(028) COUNTY: PANOLA | |
| WORKING NUMBER GN-1 | SHEET NUMBER 4 |
| FILE NAME: GN.dgn DESIGN TEAM: ROBERTS CHECKED: UPDATE DATE: UPDATE | REVISION BY DATE |

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GENERAL NOTES

- (26) CURB AND GUTTER VERTICAL DIMENSIONS SHOWN IN THE DETAIL DRAWINGS ARE FOR A CURB IN THE "CATCH" CONFIGURATION AND SHALL BE CONSIDERED TO BE MINIMUM DIMENSIONS. THE DIMENSIONS MAY BE MODIFIED AS NECESSARY FOR "SPILL" CURB AND GUTTER, BUT SHALL NOT BE LESS THAN THE MINIMUM SHOWN.
- (27) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (28) 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.
- (29) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (30) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (31) 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.
- (32) 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.
- (33) EXISTING SPECIFIC SERVICE (LOGO) SIGNS ARE TO REMAIN IN PLACE UNLESS NOTED IN THE PLANS OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. LOGO SIGNS THAT REQUIRE RELOCATION OR REMOVAL WILL BE DONE SO BY MISSISSIPPI LOGOS, INC. (601-853-7100).
- (34) ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT THAT ARE NOT IN CONFLICT WITH CONSTRUCTION SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (35) MISSISSIPPI LOGOS SHALL BE NOTIFIED IF THERE ARE ANY CHANGES TO AN INTERCHANGE RAMP DESIGNATION OR CONFIGURATION.
- (36) DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL GUIDE SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.
- (37) 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.
- (38) ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (39) ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.

GENERAL NOTES (CONT.)

- (40) 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.
- (41) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (42) 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.
- (43) 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).
- (44) 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 LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.
- (45) 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.

10/2/2020 9:40 AM GN.DGN

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| DATE | | FILE NAME: GN.dgn | |  GENERAL NOTES PROJ. NO.: BR-2901-00(028) COUNTY: PANOLA WORKING NUMBER GN-2 SHEET NUMBER 5 | |
| DESIGN TEAM | | ROBERTS | | | |
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