PROJECT NUMBER

STP-0002-02(068)

### **GENERAL INDEX**

| INCLUDED<br>THIS<br>PROJECT       | BEGIN<br>WITH<br>SHEET |
|-----------------------------------|------------------------|
| ROADWAY                           | 1                      |
| PERMANENT SIGNS                   | 1001                   |
| TRAFFIC SIGNALS                   | 2001                   |
| ITS COMPONENTS                    | 3001                   |
| LIGHTING                          | 4001                   |
| (RESERVED)                        | 5001                   |
| ROADWAY STANDARD DWGS             | 6001                   |
| BOX CULVERT STD. DRAWINGS (LRFD)  | 7001                   |
| BOX CULVERT STD. DRAWINGS (STD. S | SPEC.)7501             |
| BRIDGE                            | 8001                   |
| CROSS SECTIONS                    | 9001                   |

BRIDGE STRUCTURES REQ'D. **NONE** 

> B.O.P. STA. 1149+00

BOX BRIDGES REQ'D. **NONE** 

# STATE OF MISSISSIPPI

### MISSISSIPPI DEPARTMENT OF TRANSPORTATION

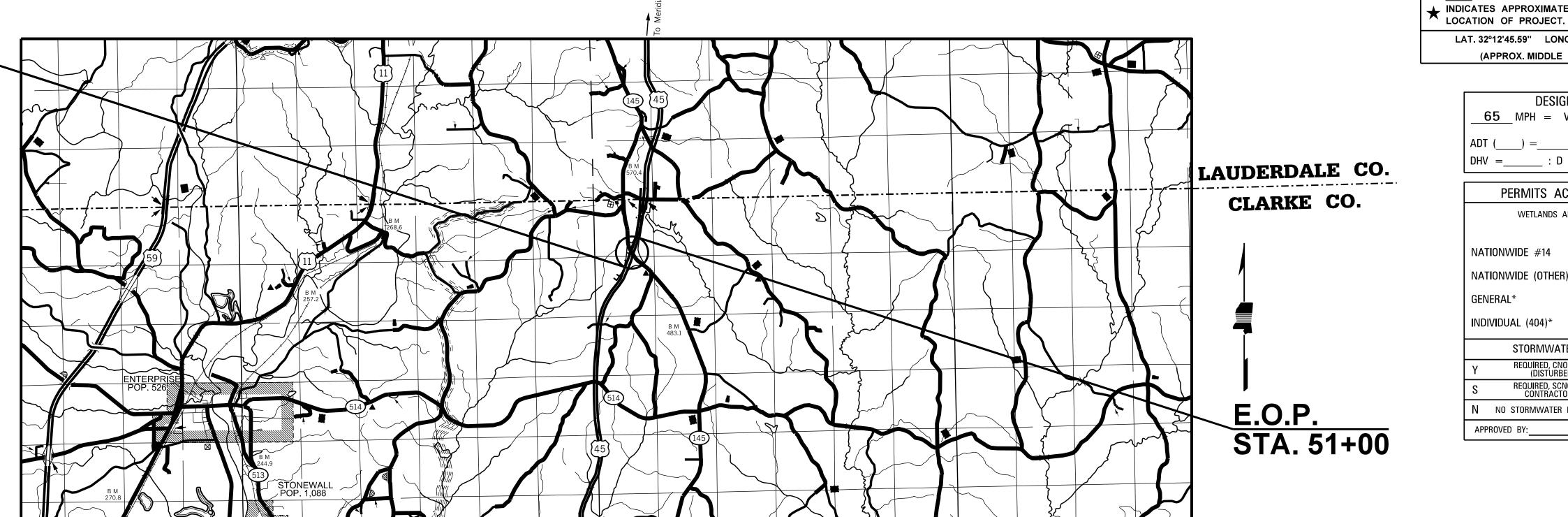
# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0002-02(068)

1 IN. = 6,000 FT.

US 45/145 INTERSECTION IMPROVEMENT J-TURN CLARKE COUNTY

**SCALES** 

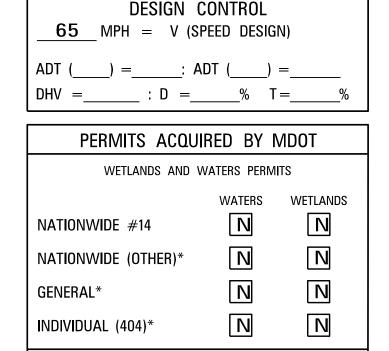
FMS CON. NO. 107683/301000



# STATE MAP

LOCATION OF PROJECT.

LAT. 32°12'45.59" LONG. 88°41'53.25"



NO STORMWATER PERMIT REQUIRED (<1 ACRE)

### **CONVENTIONAL SYMBOLS**

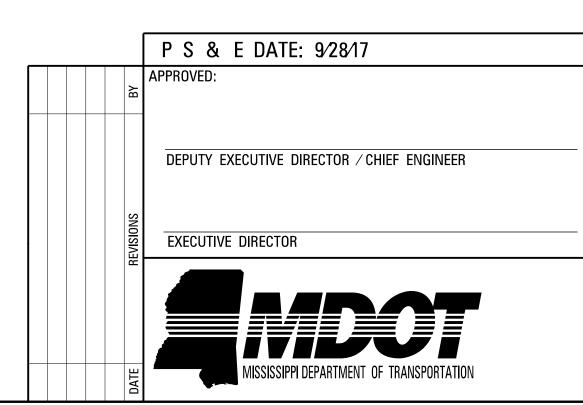
| COUNTY LINE                   | _          |
|-------------------------------|------------|
| TOWN CORPORATION LINE         |            |
| SECTION LINE 5 \$ \$          | _          |
| EXISTING ROAD OR TRAVELED WAY | <b>-</b> · |
| PROPOSED ROAD OR TRAVELED WAY | _          |
| RAILROAD                      | #          |
| SURVEY LINE                   |            |
| BRIDGES                       |            |

**EQUATIONS** 1161 + 68.509 BK = 35 + 00.050 AH

LENGTH DATA

| IGTH OF ROADWAY         | 2968.46 FT. | 0.56 |
|-------------------------|-------------|------|
| IGTH OF BRIDGES         | FT          |      |
| IGTH OF PROJECT (NET)   |             | 0.56 |
| IGTH OF EXCEPTIONS      | FT          |      |
| IGTH OF PROJECT (GROSS) |             | 0.56 |
|                         |             |      |

**EXCEPTIONS** NONE



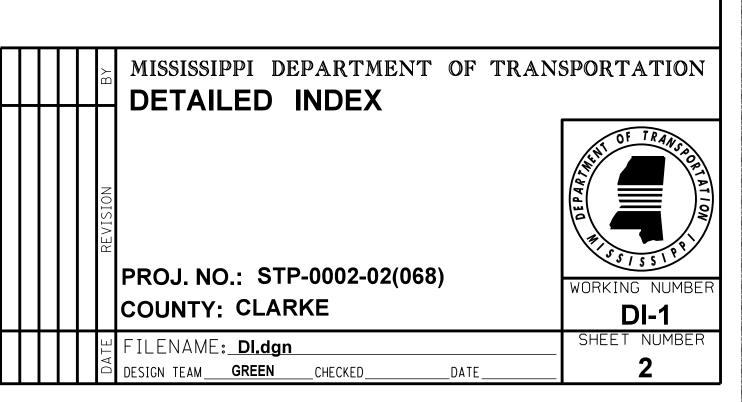
| STATE | PROJECT     | ١  |
|-------|-------------|----|
| MISS. | STP-0002-02 | (( |

| DESCRIPTION OF SHEET  | REV. WKG.<br>DATE NO. | SH.<br>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 (8)  |                       |            |
| TYPICAL SECTION - US 45 & S.R. 145  | TS-1                  | 6          |
| TYPICAL SECTION - 03 45 & S.R. 145  | TS-2                  | 7          |
| TYPICAL SECTION - US 45 & S.R. 145  | TS-3                  | 8          |
| TYPICAL SECTION - US 45 & S.R. 145  | TS-4                  | 9          |
| TYPICAL SECTION - US 45 & S.R. 145  | TS-5                  | 10         |
| TYPICAL SECTION - US 45 & S.R. 145  | TS-6                  | 11         |
| TYPICAL SECTION - US 45 & S.R. 145  | TS-7                  | 12         |
| TYPICAL SECTION - US 45 & S.R. 145  | TS-8                  | 13         |
| QUANTITY SHEETS (10)  |                       |            |
| SUMMARY OF QUANTITIES   | SQ-1                  | 14         |
| SUMMARY OF QUANTITIES   | SQ-2                  | 15         |
| SUMMARY OF QUANTITIES   | SQ-3                  | 16         |
| ESTIMATED QUANTITIES - REMOVAL ITEMS  | EQ-1                  | 17         |
| ESTIMATED QUANTITIES - TRAFFIC CONTROL  | EQ-2                  | 18         |
| ESTIMATED QUANTITIES - EARTHWORK  | EQ-3                  | 19         |
| ESTIMATED QUANTITIES - DRAINAGE & PAVEMENT MARKING  ESTIMATED QUANTITIES - CONSTRUCTION SIGNING | EQ-4<br>TCP-Q         | 20         |
| STANDARD ROADSIDE SIGN QUANTITIES   | SRS-1                 | 22         |
| STANDARD ROADSIDE SIGN QUANTITIES   | SRS-2                 | 23         |
| DIRECTIONAL SIGN QUANTITIES   | DSQ-1                 | 24         |
| PLAN & PROFILE SHEETS (4)   |                       |            |
| US 45 MAINLINE SOUTHBOUND - STA. 1149+00 - 45+00  | WK-3LT                | 25         |
| US 45 MAINLINE NORTHBOUND - STA. 1149+00 - 45+00  | WK-3RT                | 26         |
| US 45 MAINLINE SOUTHBOUND - STA. 45+00 - 52+00  | WK-4LT                | 27         |
| US 45 MAINLINE NORTHBOUND - STA. 45+00 - 52+00  | WK-4RT                | 28         |
| NTERSECTION DETAIL SHEETS (4)   |                       |            |
| INTERSECTION DETAIL - STA. 1150+00 - 1158+00  | ID-1                  | 29         |
| INTERSECTION DETAIL - STA. 1158+00 - 40+40  | ID-2                  | 30         |
| INTERSECTION DETAIL - STA. 40+40 - 49+25  | ID-3                  | 31         |
| INTERSECTION DETAIL - STA. 49+25 - 50+95  | ID-4                  | 32         |
| INTERSECTION DETAIL - J-TURN DETAIL   | ID-5                  | 33         |
| ORM GRADE SHEETS (5)  |                       |            |
| FORM GRADES - STA. 1150+00 - 1155+00  | FG-1                  | 34         |
| FORM GRADES - STA. 1155+00 - 1161+00  | FG-2                  | 35         |
| FORM GRADES - STA. 1161+00 - 40+25  | FG-3                  | 36         |
| FORM GRADES - STA. 40+25 - 46+25<br>FORM GRADES - STA. 46+25 - 50+75                            | FG-4<br>FG-5          | 37         |
|   | ГС-5                  | 30         |
| PAVEMENT MARKING SHEETS (4)   |                       |            |
| PAVEMENT MARKING - STA. 1150+00 - 1158+00   | PM-1                  | 39         |
| PAVEMENT MARKING - STA. 1158+00 - 40+31   | PM-2                  | 40         |
| PAVEMENT MARKING - STA. 40+31 - 49+31 PAVEMENT MARKING - STA. 49+31 - 52+00                     | PM -3<br>PM -4        | 41         |
|   | PIVI-4                | 42         |
| ONSTRUCTION SIGNING SHEETS (3)  |                       |            |
| CONSTRUCTION SIGNING - NORTHBOUND LANES   | DCS-1                 | 43         |
| CONSTRUCTION SIGNING - SOUTHBOUND LANES CONSTRUCTION SIGNING - HWY. 145                         | DCS-2<br>DCS-3        | 44         |
|   |                       |            |
| RAFFIC CONTROL SHEETS (13)  |                       |            |
| TRAFFIC CONTROL - SIGNAGE OVERVIEW  | TC-1                  | 46         |
| TRAFFIC CONTROL - PHASE 1   | TC1-1                 | 47         |
| TRAFFIC CONTROL - PHASE 1   | TC1-2                 | 48         |
| TRAFFIC CONTROL - PHASE 1   | TC1-3                 | 49         |
| TRAFFIC CONTROL - PHASE 1   | TC1-4                 | 50         |

| DECEDIDITION OF CHEET  | REV.        | WKG.             | SH.          |
|--|-------------|------------------|--------------|
| DESCRIPTION OF SHEET   | <u>DATE</u> | NO               | <u>NO.</u>   |
| TRAFFIC CONTROL SHEETS (CONTINUED)   |             |                  |              |
| TRAFFIC CONTROL - PHASE 2  |             | TC2-2            | 52           |
| TRAFFIC CONTROL - PHASE 2  |             | TC2-3            | 53           |
| TRAFFIC CONTROL - PHASE 2 TRAFFIC CONTROL - PHASE 3  |             | TC2-4<br>TC3-1   | 54<br>55     |
| TRAFFIC CONTROL - PHASE 3  TRAFFIC CONTROL - PHASE 3   |             | TC3-1            | 56           |
| TRAFFIC CONTROL - PHASE 3  |             | TC3-2            | 57           |
| TRAFFIC CONTROL - PHASE 3  |             | TC3-4            | 58           |
| EROSION CONTROL SHEETS (4)   |             |                  |              |
| US 45 MAINLINE SOUTHBOUND - STA. 1149+00 - 45+00   |             | ECP-3LT          | 59           |
| US 45 MAINLINE NORTHBOUND - STA. 1149+00 - 45+00   |             | ECP-3RT          | 60           |
| US 45 MAINLINE SOUTHBOUND - STA. 45+00 - 52+00   |             | ECP-4LT          | 61           |
| US 45 MAINLINE NORTHBOUND - STA. 45+00 - 52+00   |             | ECP-4RT          | 62           |
| SPECIAL DESIGN SHEETS (2)  |             |                  |              |
| VEGETATION SCHEDULE  |             | VS-1             | 63           |
| DETAIL OF SPECIAL DESIGN PAVED FLUMES  |             | DSPF-1           | 64           |
| PERMANENT SIGNING PLANS (5)  |             |                  |              |
| PERMANENT SIGNING PLAN - B.O.P. TO STA. 1157+00  |             | PSP-1            | 1001         |
| PERMANENT SIGNING PLAN - STA. 1157+00 - 45+00  |             | PSP-2            | 1002         |
| PERMANENT SIGNING PLAN - STA. 45+00 TO E.O.P   |             | PSP-3            | 1003         |
| PERMANENT SIGNING DETAILS - J-TURN   |             | PSD-1            | 1004         |
| PERMANENT SIGNING DETAILS - DIRECTIONAL SIGNS  |             | PSD-2            | 1005         |
| STANDARD DRAWINGS - ROADWAY SHEETS (60)  |             |                  |              |
| CONCRETE ISLAND PAVEMENT DETAILS   |             | CIP-1            | 6011         |
| PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS  |             | PM-1             | 6051         |
| PAVEMENT MARKING LEGEND DETAILS  |             | PM-6             | 6056         |
| RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT OR WIDER ASPHALT SHOULDERS)                      |             | RS-2             | 6065         |
| TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS                                      |             | ECD-1            | 6101         |
| DETAILS OF SEDIMENT BARRIER APPLICATIONS   |             | ECD-2            | 6102         |
| DETAILS OF SILT FENCE INSTILLATION   |             | ECD-3            | 6103         |
| DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS   |             | ECD-4            | 6104         |
| TEMPORARY EROSION, SEDIMENT, & 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 ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM                            |             | ECD-9<br>ECD-10  | 6109<br>6110 |
| TYPICAL APPLICATIONS & DETAILS FOR INLET CONSTRUCTION  |             | ECD-11           | 6111         |
| NLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS                                |             | ECD-12           | 6112         |
| NLET PROTECTION DETAILS OF WATTLES   |             | ECD-13           | 6113         |
| NLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE                                      |             | ECD-14           | 6114         |
| NLET PROTECTION DETAILS OF SANDBAGS  |             | ECD-15           | 6115         |
| STABILIZED CONSTRUCTION ENTRANCE   |             | ECD-16           | 6116         |
| TEMPORARY CULVERT STREAM CROSSING  |             | ECD-17           | 6117         |
| TEMPORARY STREAM DIVERSION TEMPORARY STREAM DIVERSION (ROY EXTENSION)                                |             | ECD-18<br>ECD-19 | 6118<br>6119 |
| TEMPORARY STREAM DIVERSION (BOX EXTENSION) FLOATING TURBIDITY CURTAIN                                |             | ECD-19<br>ECD-20 | 6120         |
| DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK   |             | ECD-21           | 6121         |
| SEDIMENT RETENTION BARRIER   |             | ECD-21           | 6121         |
|  |             | DT-1             | 6123         |
| DETAILS OF TYPICAL DITCH TREATMENTS  |             | ו־וּט            | 0120         |

# GREEN

| <u> </u> |                    |         |
|----------|--------------------|---------|
| Р        | S & E PLANS-DATE:  | 9/28/17 |
| FMS C    | ON. #107683/301000 |         |
|          | REVISIONS          |         |
| DATE     | SHEET NO.          | BY      |
|          |                    |         |
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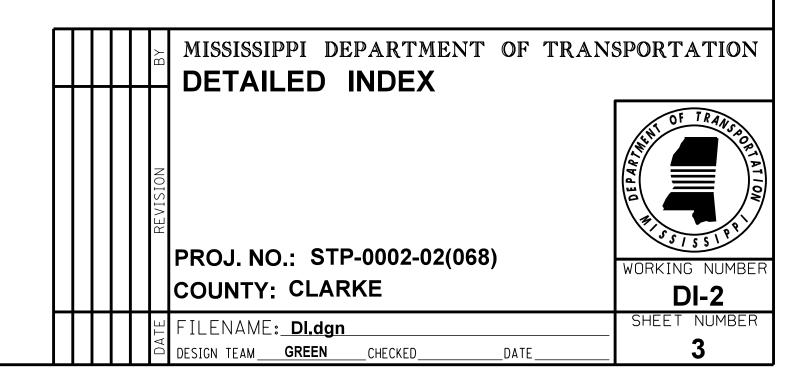
| STATE | PROJECT     | N   |
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| MISS. | STP-0002-02 | 2(0 |

DESCRIPTION OF SHEET

REV. DATE WKG. NO.

SH. <u>NO.</u>

| DESCRIPTION OF SHEET   | REV.<br>DATE | WKG.<br>NO. | SH.<br>NO. |
|--|--------------|-------------|------------|
| TANDARD DRAWINGS (CONTINUED)   |              | ON 4        | 2224       |
| STANDARD DIRECTIONAL (GUIDE) SIGNS   |              | SN-1        | 6301       |
| ROUTE SHIELDS 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       |
| TANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  |              | SN-4        | 6306       |
| TANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  |              | SN-4A       | 6307       |
| TANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  |              | SN-4B       | 6308       |
| YPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS  |              | SN-5        | 6309       |
| THOME INCLUMENT OF CROCKED INCOMPLED BIRLEGHOUR COOK   |              | 0.11 0      | 0000       |
| REAKAWAY SIGN SUPPORTS   |              | SN-6        | 6310       |
| REAKAWAY SIGN SUPPORTS   |              | SN-6A       | 6311       |
| REAKAWAY SIGN SUPPORTS   |              | SN-6B       | 6312       |
| YPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS  |              | SN-8        | 6314       |
| YPICAL CROSSOVER DELINEATION   |              | SN-8B       | 6316       |
|  |              |             |            |
| RAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)   |              | TCP-1       | 6351       |
| RAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED   |              | TCP-4       | 6354       |
| HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)  |              |             |            |
| DAFFIC CONTROL DI AN FOR ROOTER OPER LIMIT OF SEAR OR TO MADI (INTEROTATES AND OTHER ALLES TO THE  |              | TOP 5       |            |
| RAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)   |              | TCP-5       | 6355       |
| NUODE DUDATION OLOGINO OF TWO LAND TWO WAY ("COMMON TO COMMON TO C |              | <b>—</b> -  |            |
| HORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS   |              | TCP-6       | 6356       |
| IGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS  |              | TCP-8       | 6358       |
| EMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS   |              | TCP-13      | 6363       |
| OCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)  |              | TCP-15      | 6365       |
| YPICAL GRADING TRANSITION BETWEEN CUTS & FILLS   |              | GT-1        | 6404       |
| UPERELEVATION - CASE I (ROTATION ABOUT CENTERLINE)   |              | SE-2A       | 6408       |
| UPERELEVATION - CASE II (ROTATION ABOUT EDGE OF TRAVELED WAY)  |              | SE-2B       | 6409       |
| UPERELEVATION FUNOFF - CASE I (ROTATION ABOUT THE CENTERLINE)  |              | SE-3A       | 6413       |
| UPERELEVATION RUNOFF - CASE II (ROTATION ABOUT THE EDGE OF TRAVELED WAY)   |              | SE-3B       | 6414       |
|  |              |             |            |
| RIVEWAYS, CURB & GUTTER, & SIDEWALK  |              | SD-1        | 6419       |
| PIPE CULVERT INSTALLATION  |              | PI-1        | 6501       |
| CONCRETE PIPE COLLAR   |              | PC-1        | 6503       |
|  |              |             |            |
| YPE I MEDIAN INLET (24" PIPE AND UNDER)  |              | MI-1        | 6508       |
| DETAILS OF GRATES FOR MEDIAN INLETS  |              | IG-1        | 6516       |
| LARED END SECTION FOR CONCRETE PIPE  |              | FE-1        | 6530       |
|  |              |             |            |
| ROSS SECTION SHEETS (16)   |              |             | 9001       |
| US 45 - MAINLINE   |              |             | 9001       |
|  |              |             | 9001       |
| IS 45 - MAINLINE   |              |             | 9001       |
| S 45 - MAINLINE  |              |             | 9001       |
| S 45 - MAINLINE  |              |             | 9001       |
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| S 45 - MAINLINE  |              |             | 9001       |
| IS 45 - MAINLINE   |              |             | 9001       |
| S 45 - MAINLINE  |              |             | 9001       |
| S 45 - MAINLINE  |              |             | 9001       |

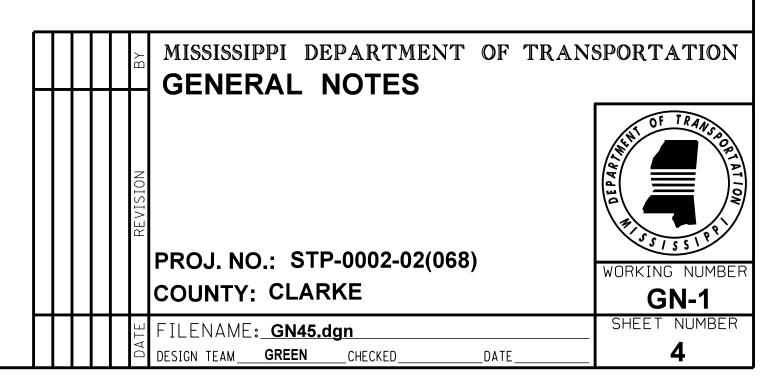


# GENERAL NOTES

- (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 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) FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS (SEE WK. NO. ICJ-1 FOR DETAILS).
- (13) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (14) 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.
- (15) 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.
- (16) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.

# GENERAL NOTES (CONT.)

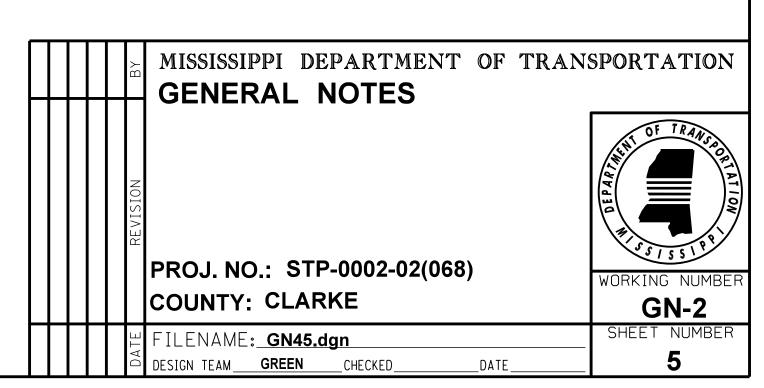
- (17) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE
- (18) ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (19) 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.
- (20) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (21) 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.
- (22) 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 AT THE PRECONSTRUCTION CONFERENCE OR 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.
- (23) 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 PAID FOR AS UNCLASSIFIED EXCAVATION. ANY ADDITIONAL TOP SOIL TO BE PAID FOR UNDER PAY ITEM 211-B001 TOP SOIL FOR SLOPE TREATMENT. CONTRACTOR FURNISHED.
- (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) 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.
- (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.



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# GENERAL NOTES

- (28) 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.
- (29) 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.
- (30) 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.
- (31) ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER.
- (32) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM WITH THE EXCEPTION OF THE GUIDE SIGN 0.0625" OVERLAY PANELS WHICH SHALL BECOME THE PROPERTY OF MDOT. CONTRACTOR SHALL ARRANGE WITH THE PROJECT ENGINEER A SUITABLE TIME FOR PICK-UP BY MDOT. MDOT RESERVES THE RIGHT TO REFUSE ANY MATERIAL THAT IS DAMAGED OR UNSUITABLE FOR REFURBISHMENT.
- (33) 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.
- (34) 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, 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.



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