

| | | |
|-------------|-------------------|-----------|
| STATE | PROJECT NUMBER | SHEET NO. |
| MISSISSIPPI | STBG-0072-04(031) | 1 |

GENERAL INDEX

| INCLUDED THIS PROJECT | BEGIN WITH SHEET |
|---|------------------|
| <input checked="" type="checkbox"/> ROADWAY | 1 |
| <input checked="" type="checkbox"/> PERMANENT SIGNS | 1001 |
| <input checked="" 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 type="checkbox"/> BRIDGE | 8001 |
| <input type="checkbox"/> CROSS SECTIONS | 9001 |

BRIDGE STRUCTURES REQ'D.
NONE.

BOX BRIDGES REQ'D.
NONE.

STATE OF MISSISSIPPI

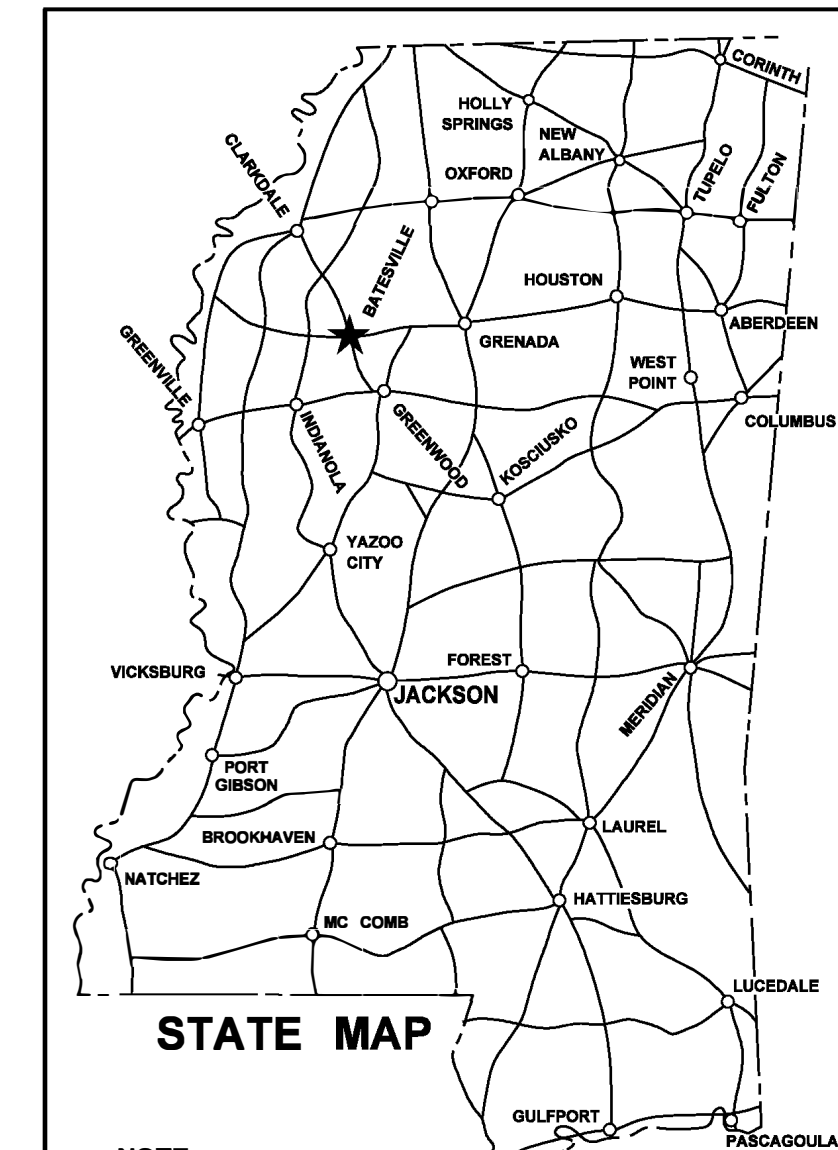
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED TRAFFIC SIGNAL INSTALLATION
STATE PROJECT NO. STBG-0072-04(031)

US HIGHWAY 49W AT MS HIGHWAY 8
SUNFLOWER COUNTY

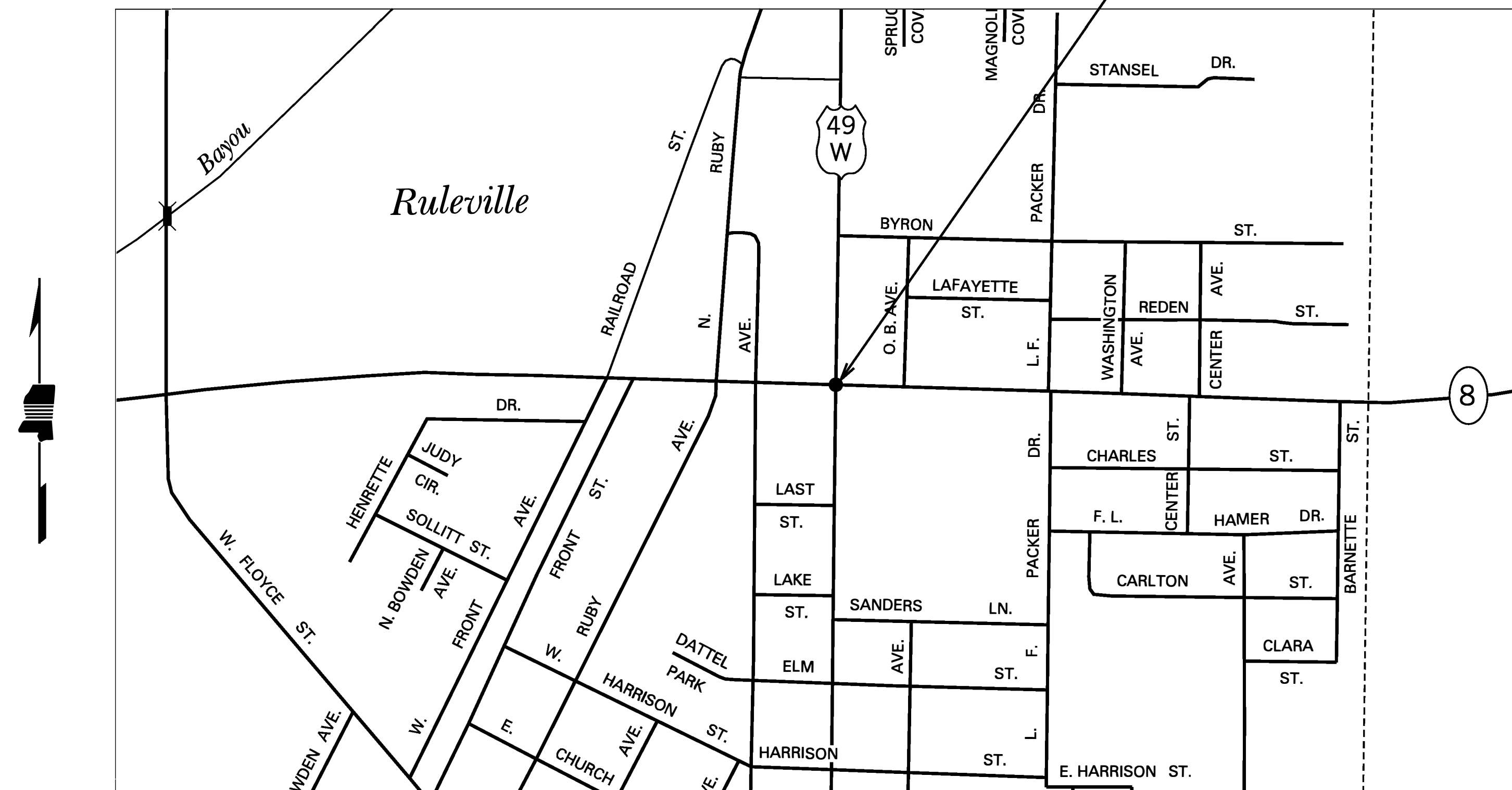
FMS CON. NO. 109339/301000

SCALES
SIGN PLAN & SIGNAL INSTALLATION PLAN 1 IN. = 20 FT.
REMOVAL PLAN & PAVEMENT MARKING PLAN 1 IN. = 30 FT.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.
LAT. 33.731680 LONG. -90.456839
(APPROX. MIDDLE OF PROJECT)

PROJECT LOCATION



DESIGN CONTROL

35 MPH = V (SPEED DESIGN)

ADT (2022) = 5,500 ; ADT () =

DHV = : D = % T = %

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"/> N | <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 N

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: _____

CONVENTIONAL SYMBOLS

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

EQUATIONS

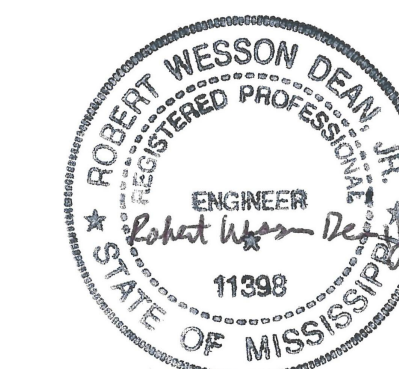
NONE.

EXCEPTIONS

NONE.

LENGTH DATA

| | | |
|---------------------------|----------|----------|
| LENGTH OF ROADWAY | 0.00 FT. | 0.00 MI. |
| LENGTH OF BRIDGES | 0.00 FT. | 0.00 MI. |
| LENGTH OF PROJECT (NET) | | 0.00 MI. |
| LENGTH OF EXCEPTIONS | 0.00 FT. | 0.00 MI. |
| LENGTH OF PROJECT (GROSS) | | IVA |



P S & E DATE: 03/07/2024

| DATE | REVISIONS | BY |
|------|-----------|----|
| | | |

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR _____

| | |
|-------|-------------------|
| STATE | PROJECT NO. |
| MISS. | STBG-0072-04(031) |

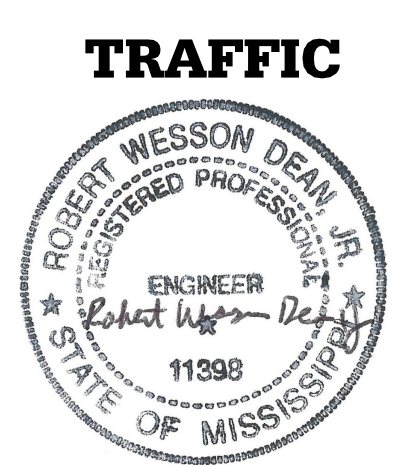
DESCRIPTION OF SHEET

| DESCRIPTION OF SHEET | WKG. NO. | SH. NO. |
|---|----------|---------|
| TITLE SHEET (1) | | 1 |
| DETAILED INDEX & GENERAL NOTES (2) | | |
| DETAILED INDEX | DI-1 | 2 |
| GENERAL NOTES | GN-1 | 3 |
| SUMMARY OF QUANTITIES (2) | | |
| SUMMARY OF QUANTITIES (PAGE 1 OF 2) | SQ-1 | 4 |
| SUMMARY OF QUANTITIES (PAGE 2 OF 2) | SQ-2 | 5 |
| SPECIAL DESIGN SHEETS (4) | | |
| DETAIL OF CONSTRUCTION SIGNING | DCS-1 | 6 |
| REMOVAL PLAN | RP-1 | 7 |
| SPECIAL DESIGN CURB RAMPS | SDCR-1 | 8 |
| PAVEMENT MARKING DETAILS | PMD-1 | 9 |
| PERMANENT SIGNING SHEET (1) | | |
| PERMANENT SIGNING PLAN - US HWY 49W AT MS HWY 8 | PSP-1 | 1001 |
| TRAFFIC SIGNAL INSTALLATION SHEET (1) | | |
| TRAFFIC SIGNAL INSTALLATION - US HWY 49W AT MS HWY 8 | TSI-1 | 2001 |
| TRAFFIC SIGNAL DETAIL SHEETS (13) | | |
| TRAFFIC SIGNAL GENERAL NOTES | TSD-1 | 2002 |
| TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND WIND SPEEDS | TSD-2 | 2003 |
| UPSWEPT MAST ARM AND PEDESTAL POLE DETAILS | TSD-3C | 2004 |
| SIGNAL POLE AND PEDESTAL POLE FOUNDATION DETAILS | TSD-4 | 2005 |
| TRAFFIC SIGNAL GROUNDING DETAILS | TSD-5 | 2006 |
| CONTROLLER CABINET AND POWER SERVICE DETAILS | TSD-6 | 2007 |
| POWER SERVICE PEDESTAL | TSD-7 | 2008 |
| PULL BOX AND CONDUIT TRENCHING DETAILS | TSD-8 | 2009 |
| VIDEO/MULTI-SENSOR DETECTION INSTALLATION FOR TRAFFIC SIGNALS | TSD-9V | 2010 |
| TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION) | TSD-10 | 2011 |
| STREET NAME SIGN DETAILS | TSD-11 | 2012 |
| TYPICAL INTERSECTION LAYOUT | TSD-14 | 2013 |
| MAST ARM TRAFFIC SIGNAL CCTV DETAILS | TSD-15 | 2014 |
| ROADWAY STANDARD DRAWINGS (10) | | |
| PAVEMENT MARKING DETAILS 4-LANE AND 5-LANE UNDIVIDED ROADWAYS | PM-2 | 6052 |
| PAVEMENT MARKING LEGEND DETAILS | PM-5 | 6055 |
| PAVEMENT MARKING LEGEND DETAILS | PM-6 | 6056 |
| 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 |
| CURB RAMPS - RAMP DESIGN ELEMENTS | CR-1 | 6421 |
| CURB RAMPS - PLACEMENT DETAILS | CR-2 | 6422 |
| CURB RAMPS - PLACEMENT DETAILS | CR-3 | 6423 |
| CURB RAMPS - DETECTABLE WARNING DETAILS | CR-4 | 6424 |
| TOTAL SHEETS (34) | | |

3/16/2024 9:01:18 AM 02-INDEX.DGN ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



| | | |
|--------------------------|-----------|----|
| PS&E PLANS - 03-07-2024 | | |
| FMS CON. # 109339/301000 | | |
| REVISIONS | | |
| DATE | SHEET NO. | BY |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



| | | |
|-------------------------------|---------|--|
| REVISION | BY | MISSISSIPPI DEPARTMENT OF TRANSPORTATION |
| | DATE | DETAILED INDEX |
| | | US HWY 49W AT MS HWY 8 |
| | | PROJ. NO.: STBG-0072-04(031) |
| | | COUNTY: SUNFLOWER |
| | | WORKING NUMBER |
| | | DI-1 |
| | | SHEET NUMBER |
| | | 2 |
| FILENAME: 02-INDEX.dgn | | |
| DESIGN TEAM | CHECKED | DATE |
| STANTEC | W.DEAN | |



| | |
|-------|-------------------|
| STATE | PROJECT NO. |
| MISS. | STBG-0072-04(031) |

BRIDGES AND WALLS

- 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.

DRAINAGE STRUCTURES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MAY 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.

EARTHWORK

- 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.

PAVEMENT, BASE, AND SHOULDERS

- THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PAVED OR UNPAVED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.

PEDESTRIAN FACILITIES

- REMOVAL OF ANY VEGETATION OBSTRUCTING THE PROPOSED CURB RAMP IS TO BE COST ABSORBED.

PLANS

- ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPSAL 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.

TRAFFIC CONTROL - PERMANENT

- 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.
- 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.
- ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS 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.
- 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 WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.
- ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ALL SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- THE RETROFLECTIVE 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.
- ALL EXISTING SIGNS AND SIGN POSTS REMOVED UNDER THIS PROJECT SHALL BE SALVAGED TO THE MDOT SUNFLOWER COUNTY MAINTENANCE SHOP LOCATED AT 172 NORTH MLK DRIVE, INDIANOLA, MS 38751. THE SALVAGING OF THE EXISTING SIGNS AND SIGN POSTS IS NOT A SEPARATE PAY ITEM (COST ABSORBED).
- 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).
- EQUIPMENT SHOWN ON THESE PLANS ARE IN APPROXIMATE LOCATIONS. ALL EQUIPMENT SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH PROPOSED LOCATIONS APPROVED BY THE ENGINEER. CONTRACTOR TO STAKE EACH LOCATION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO REVIEW. CONTRACTOR TO INSTALL ALL EQUIPMENT, PULL BOXES, AND CONDUIT WITHIN PUBLIC RIGHT-OF-WAY.
- ALL ABOVE GROUND CONDUIT SHALL BE TYPE 1 RIGID METAL. PVC SHALL NOT BE ALLOWED ABOVE GROUND.
- CONTRACTOR TO FIELD VERIFY ALL VIDEO DETECTOR LOCATIONS, ORIENTATION, AND INSTALLATION HEIGHT TO ENSURE PROPER SETUP OF DETECTION ZONES IN THE PRESENCE OF THE MDOT SIGNAL ENGINEER. ALIGNMENT OF DETECTORS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- ALL EQUIPMENT SUBMITTALS, UNLESS OTHERWISE ADVISED, SHALL BE IN ACCORDANCE WITH SECTION 631.02.2 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 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.

TRAFFIC CONTROL - TEMPORARY

- THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLAN(S) ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TEMPORARY TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- THE RETROFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS, SHALL BE MINIMUM TYPE IX.

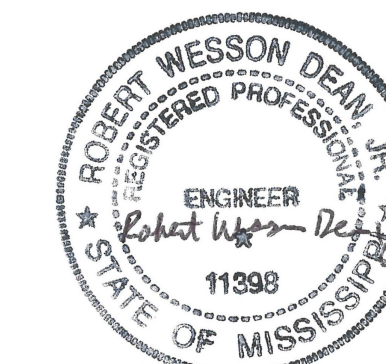
UTILITIES

- UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. 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.
- LIST OF PUBLIC UTILITIES:
 - CENTERPOINT ENERGY - 501.377.4740
 - ENTERGY MS - 601.969.2336
 - CITY OF RULEVILLE - 662.756.2791
 - TELEPAK (DBA C SPIRE FIBER) - 662.299.7619
 - UNITI FIBER (INLINE)
 - AT&T
 - SPARKLIGHT DELTA GROUP CLEVELAND
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MAKE-READY COSTS INCURRED TO PROVIDE POWER AND COMMUNICATION SERVICES TO THE EQUIPMENT, AND IS NOT A SEPARATE PAY ITEM (COST ABSORBED).

MISCELLANEOUS

- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL, STORAGE, SITE RESTORATION AND REPAIR OF ANY CONCRETE CURBING AND/OR ISLANDS THAT ARE DAMAGED DURING THE CONSTRUCTION OF THIS PROJECT AND IS NOT A SEPARATE PAY ITEM (COST ABSORBED).

"NOTICE: THE NOTES CONTAINED HEREON ARE SPECIFIC TO THE SUBJECT PROJECT AND SHOULD BE REVIEWED IN DETAIL BY THE CONTRACTOR, PER SECTION 102.05 OF THE STANDARD SPECIFICATIONS. THE BIDDER IS REQUIRED TO EXAMINE CAREFULLY THE SITE OF THE PROPOSED WORK. THE PROPOSAL, PLANS, STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, NOTICES TO BIDDERS, AND CONTRACT FORMS BEFORE SUBMITTING PROPOSAL."



| | |
|--|----------------|
| MISSISSIPPI DEPARTMENT OF TRANSPORTATION | |
| GENERAL NOTES | |
| US HWY 49W AT MS HWY 8 | |
| PROJ. NO.: STBG-0072-04(031) | |
| COUNTY: SUNFLOWER | |
| FILENAME: 03-GENERAL_NOTES.dgn | WORKING NUMBER |
| DESIGN TEAM STANTEC | CHECKED W.DEAN |
| DATE | DATE |
| | GN-1 |
| | 3 |

3/6/2024 9:01:19 AM 03-GENERAL NOTES.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION