STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY
FEDERAL AID PROJECT NO. BR-0055-04(104)

1-55 TWIN BRIDGE REPLACEMENT OVER S.R. 306
TATE COUNTY

BRIDGE STRUCTURES REQ'D.
1-55 STA. 648 + 20.790 TO STA. 648 + 53.370
LENGTH ALONG L = 104.08 FT.

GPS CONTROL NOTES
HORIZONTAL DATUM: NAD 83 WEST ZONE
HORIZONTAL MONUMENT: ASHBURTA
DOWNS 88
VERTICAL MONUMENT: L 27 RESLT 1944
ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

EQUATIONS
N/A

EXCEPTIONS
N/A

STATE MAP
MISSESIPPI DEPARTMENT OF TRANSPORTATION
P.S. & E DATE 7/19/17
TATE COUNTY
<table>
<thead>
<tr>
<th>SHEET NUMBER</th>
<th>DESCRIPTION OF SHEET</th>
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<tbody>
<tr>
<td>1001</td>
<td>EROSION CONTROL PLAN (1-55)</td>
</tr>
<tr>
<td>1002</td>
<td>EROSION CONTROL PLAN (1-55 and S.R. 306)</td>
</tr>
<tr>
<td>1003</td>
<td>EROSION CONTROL PLAN (1-55)</td>
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</tbody>
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**Vegetation Schedule**

- Pipe 2
  - Location of Pipe 2
  - Layout
  - Details of Pipe 2

**Temporary Erosion Control**

- Erosion Control
  - Designs for Ditch and Roadway

**Permanent Sign Details**

- Permanent Sign Plan Sheets
  - Details of Sign Plan Sheets

**Lighting Plan Sheets**

- Lighting Plan Notes and Legend
  - Lighting Plans
  - Lighting Details

**Standard Drawings - Roadway Sheets**

- Pavement Marking Details for 2 & 4-Lane Divided Highways (12/01/99)
  - Guarnier Bridge End Section Type II (Wood Posts)
  - Guardrail Type I Cable Anchorage (Foundation Tube)
  - Guardrail Type I Cable Anchorage (Concrete Footing)

**Other Plans**

- Temporary Stream Diversion
  - Typical Guardrail Design
  - Typical Guardrail Design

**Details**

- Concrete Pipe Collar
- Conical Tip Collar
- Flared End Section for Concrete Pipe

**State Department of Transportation**

**Mississippi Department of Transportation**

**Detailed Index**

- Project No. BR-0855-04010
GENERAL NOTES

1. PUBLIC UTILITIES
   ELECTRIC: ENTERGY
   RUSSELL LEE
   TELEPHONE: AT&T
   MARCUS CLARK
   (662) 292-2322

2. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND
   MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

3. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS
   PIPE, INLETS, APRONS, BRIDGES, ETC., 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.

5. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND
   TAMPERED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND
   BRIDGE CONSTRUCTION.

6. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS 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
   INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF
   CONSTRUCTION.

7. 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 THE EXCAVATION REQUIRES
   EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING,
   SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT
   THE PERSONS WORKING NEAR THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING AND CONSTRUCTING
   THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

8. WIRE FENCE WILL BE REQUIRED FOR ALL SILT FENCE.

9. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.

10. 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.

11. VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. COST TO BE
    ABSORBED IN OTHER ITEMS.

12. ROADWAY SIGNS AND/OR MAILBOXES 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.

13. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.

14. THE EROSION CONTROL DEVICES REFERENCED ON THESE PLANS ARE A MINIMUM REQUIREMENT.
    THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND
    MAINTAIN THE PLAN DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE
    THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION.

15. DOUBLE DROP THERMOPLASTIC STRIPE WILL BE USED ON ALL BRIDGE DECKS. IT IS THE RESPONSIBILITY OF THE
    CONTRACTOR TO PROTECT THE PREFORMED JOINT MATERIAL. ANY DAMAGE CAUSED BY THE THERMOPLASTIC
    WILL BE REPAIRED AT NO COST TO THE STATE.

16. THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS ON I-55 SHALL BE SEALED PRIOR TO OPENING
    THE BRIDGE TO TRAFFIC.

17. 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 BITUMINOUS SEALER TO THE SATISFACTION OF THE ENGINEER; THE COST OF
    WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
GENERAL NOTES

1. 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.

2. All traffic control devices on this project shall comply with Part IV of the MUTCD (latest edition).

3. The cost of removal of all headwalls and wingwalls (pipes, box culverts, box bridges) shall be absorbed in other items bid.

4. Storage of flammable materials will not be allowed under any bridge structures.

5. Contractor must install a temporary cable rail anchor at the end of the existing cable rail that will remain in place during construction. The cost shall be absorbed in other bid items.

6. Removal of existing fence located at bridge ends shall be included in the cost bridge removal.

7. Changeable message boards shall be in place a minimum of two (2) days prior to the closure of S.R. 306.

8. 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.

9. 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 to see if any addenda have been posted for this project.

10. For lane closure restrictions see notice to bidders.