

1st O. REV. GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

| DESCRIPTION           | NUMBER OF SHEETS |
|-----------------------|------------------|
| TITLE SHEET           | 1                |
| DETAILED INDEX        | 1                |
| QUANTITIES            | 1 Δ              |
| PLAN AND PROFILES     | 7                |
| SPECIAL DESIGN SHEETS | 23 Δ             |
| VEGETATION SCHEDULE   | 1                |
| STANDARD DRAWINGS     | 2                |

TOTAL SHEETS 36 Δ

STATE OF MISSISSIPPI  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY**  
**FEDERAL AID PROJECT NO. NH-0009-02(072)**

① 11-9-05

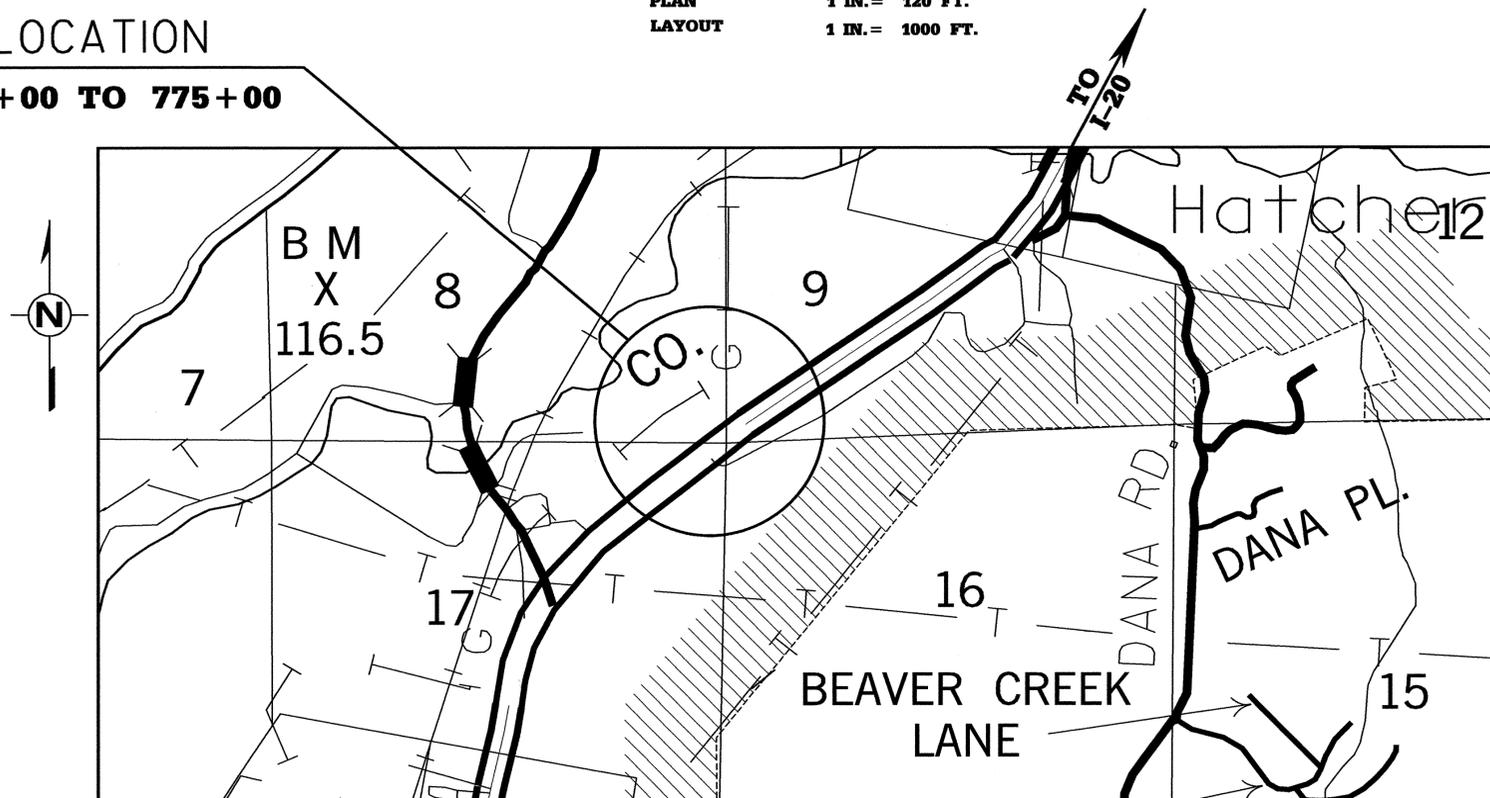
US 61 @ SIGNAL HILL - VICKSBURG  
SLIDE REPAIR USING TIE BACK ANCHORS  
WARREN COUNTY

104404302000

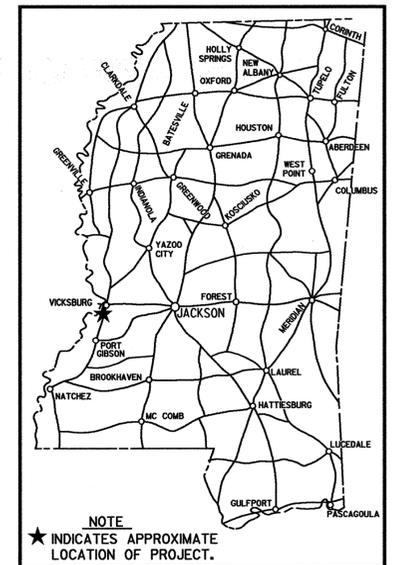
PLAN 1 IN. = 120 FT.  
LAYOUT 1 IN. = 1000 FT.

PROJECT LOCATION

STATION 761+00 TO 775+00



| FED. ROAD REG. NO. | STATE | PROJECT NO.     | SHEET NO. |
|--------------------|-------|-----------------|-----------|
| 4                  | MISS. | NH-0009-02(072) | 1         |



DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT ( ) = : ADT ( ) =

DHV = : D = % T = %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

|                     | WATERS                              | WETLANDS                            |
|---------------------|-------------------------------------|-------------------------------------|
| NATIONWIDE #14      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| NATIONWIDE (OTHER)* | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GENERAL*            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| INDIVIDUAL (404)*   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

\* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

| STORMWATER PERMIT  |                                     |
|--|-------------------------------------|
| Y REQUIRED. CNQI SUBMITTED BY MDOT (DISTRIBUTED AREA=5 ACRES+ INTB 6484)   | <input checked="" type="checkbox"/> |
| S REQUIRED. SCNO TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES/INTB 6483) | <input type="checkbox"/>            |
| N NO STORMWATER PERMIT REQUIRED (<1 ACRE)                                  | <input type="checkbox"/>            |

APPROVED BY: CEP DATE: 11/9/05

CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 773+90.10 B.K. = 774+04.13 A.H.

LENGTH DATA

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

| DATE | REVISIONS | APPROVED BY            | DATE    |
|------|-----------|------------------------|---------|
|      |           | <i>Kenny Lee James</i> | 11-9-05 |
|      |           | <i>Samuel P. Brown</i> | 11-9-05 |

CHIEF ENGINEER DATE

EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

TITLE DIVISION ROADWAY DESIGN & CONSTRUCTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION 001 02/04/PM DGN/FL/EN/ANE

1st O. REV.

|       |                 |
|-------|-----------------|
| STATE | PROJECT NO.     |
| MISS. | NH-0009-02(072) |

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

GENERAL NOTES:

|  |        |     |
|--|--------|-----|
| TITLE SHEET (1)  |        | 1   |
| <u>DETAILED INDEX &amp; GENERAL NOTES (1)</u>                            |        |     |
| DETAILED INDEX   | DI-1   | 2   |
| <u>QUANTITY SHEETS (1)</u>   |        |     |
| SUMMARY OF QUANTITIES  | SQ-1   | 3   |
| △ SHEET DELETED  | TCPO-1 | 4   |
| <u>PLAN &amp; PROFILE SHEETS (7)</u>                                     |        |     |
| TIE BACK ANCHOR ROW LOCATIONS, DESIGN CAPACITIES & SOIL BORING LOCATIONS | 3      | 5   |
| EXISTING GROUND PROFILE ALONG TIE BACK ANCHOR ROWS                       | 3A     | 6   |
| TOP OF GLENDON FORMATION CONTOUR MAP                                     | 3B     | 7   |
| EXISTING GROUND CONTOUR MAP, BERM & DRAINAGE MODIFICATION                | 3C     | 8   |
| EXISTING GROUND CONTOUR MAP & AREA "I" GULLY REPAIR                      | 3D     | 9   |
| EXISTING GROUND CONTOUR MAP & AREA "I" GRAVEL BLANKET                    | 3E     | 10  |
| SILT FENCE, CLEARING & GRUBBING  | 3F     | 11  |
| <u>SPECIAL DESIGN (24)</u>   |        |     |
| BORING LOGS 1-4  | B1     | 12  |
| BORING LOGS 5-7  | B2     | 13  |
| BORING LOGS 7-9  | B3     | 14  |
| BORING LOGS 10-12  | B4     | 15  |
| BORING LOGS 13-16  | B5     | 16  |
| BORING LOGS 17-18  | B6     | 17  |
| BORING LOGS 19-20  | B7     | 18  |
| BORING LOGS 21-22  | B8     | 19  |
| BORING LOGS 23-24  | B9     | 20  |
| BORING LOGS 27-30  | B10    | 21  |
| BORING LOGS 31-33  | B11    | 22  |
| BORING LOGS FOR ANCHOR BLOCKS  | B12    | 23  |
| BORING LOGS FOR ANCHOR BLOCKS  | B13    | 24  |
| BORING LOGS FOR ANCHOR BLOCKS  | B14    | 25  |
| BORING LOGS FOR ANCHOR BLOCKS  | B15    | 26  |
| BORING LOGS FOR ANCHOR BLOCKS  | B16    | 27  |
| SOIL PROFILE STATION 765+00  | SP1    | 28  |
| SOIL PROFILE STATION 767+00  | SP2    | 29  |
| SOIL PROFILE STATION 769+00  | SP3    | 30  |
| SOIL PROFILE STATION 771+00  | SP4    | 31  |
| SOIL PROFILE STATION 773+00  | SP5    | 32  |
| SOIL TEST DATA   | ST1    | 33  |
| PIEZOMETRIC DATA   | P1     | 34  |
| VEGETATION SCHEDULE  | VS1    | 35  |
| △ SHEET DELETED  | DCS-1  | 36  |
| △ SHEET DELETED  | DCS-2  | 37  |
| <u>STANDARD DRAWINGS (2)</u>   |        |     |
| EROSION CONTROL  | EC-1   | 140 |
| TYPICAL TEMPORARY EROSION CONTROL MEASURES                               | TEC-1  | 142 |

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 ITEMS.

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 THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION. IT IS NOTED THAT CONSTRUCTION WILL OCCUR NEAR TWO HIGH PRESSURE, LARGE DIAMETER GAS LINES LOCATED NEXT TO THE RIGHT-OF-WAY.

WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF FAILURE OCCURING DURING EXCAVATION REQUIRES THAT 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, 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.

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.

EXCAVATION FOR EACH TIE BACK ANCHOR IS NOT TO OCCUR MORE THAN 7 DAYS IN ADVANCE OF AN ANCHOR INSTALLATION. STANDING WATER IN THE EXCAVATIONS WILL NOT BE ALLOWED. EACH EXCAVATION IS TO BE BACKFILLED AS SOON AS POSSIBLE AFTER EACH ANCHOR INSTALLATION IS COMPLETE. THE EXCAVATIONS MAY REMAIN PARTIALLY OPEN ENOUGH TO COMPLETE ANY TESTING OF THE ANCHORS; HOWEVER, STANDING WATER WILL NOT BE ALLOWED.

ANY SURPLUS EXCAVATION WILL BE STOCKPILED OR SITE GRADED AS DIRECTED BY THE ENGINEER WITHOUT ANY ADDITIONAL COMPENSATION. NO SURPLUS EXCAVATION SHALL BE REMOVED FROM THE PROJECT WITHOUT APPROVAL OF THE ENGINEER.

THE PAVED DITCHES AND THE GULLY WILL BE BACKFILLED WITH B-9 BORROW SUPPLIED BY THE CONTRACTOR FROM APPROVED SOURCES OUTSIDE OF THE RIGHT-OF-WAY.

THE SOUTHBOUND LANE OF U.S. 61 IS CURRENTLY CLOSED TO TRAFFIC. MDOT WILL MAINTAIN TRAFFIC CONTROL DURING THE PROJECT.

CLEARING AND GRUBBING IS TO BE KEPT TO A MINIMUM AND IS NOT TO EXTEND BEYOND THE AREA NECESSARY TO COMPLETE THE REQUIRED WORK.

UTILITIES

CROSSTEX ENERGY  
102 METROPLEX BLVD.  
SUITE A  
PEARL, MISSISSIPPI 39208  
CONTACT: MR. JOHN TRULL  
PHONE: 601-940-3924

GULF SOUTH  
1020 NORTH FOX HALL ROAD  
PEARL, MISSISSIPPI 39232  
CONTACT: MR. BRUCE SNOW  
PHONE: 601-968-0322

FMS - 104404/302000  
PS & E PLANS-10/19/05

| REVISIONS |                |     |
|-----------|----------------|-----|
| DATE      | SHEET NO.      | BY  |
| 11-21-05  | 3, 35          | MJW |
| 12-19-05  | 1, 2, 3, 5, 33 | MJW |
|           |                |     |
|           |                |     |

|  |                        |
|--|------------------------|
| MISSISSIPPI DEPARTMENT OF TRANSPORTATION |                        |
| Detailed Index                           |                        |
| Project No.: NH-0009-02(072)             | WORKING NUMBER<br>DI-1 |
| County: WARREN                           | SHEET NUMBER<br>2      |
| FILENAME: 057521.dgn                     | DATE: 12/19/05         |
| DESIGN TEAM                              | CHECKED DATE           |

PLAN ROADWAY DESIGN DIVISION, CANADIAN SECTION, MISSISSIPPI DEPARTMENT OF TRANSPORTATION