

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

| DESCRIPTION                    | NUMBER OF SHEETS                 |
|--------------------------------|----------------------------------|
| TITLE SHEET                    | 1                                |
| DETAILED INDEX - GENERAL NOTES | 1                                |
| TYPICAL SECTIONS               | 3                                |
| QUANTITIES                     | 6 $\triangle$                    |
| GEOMETRIC IMPROVEMENT SHEETS   | 3                                |
| SPECIAL DESIGN - ROADWAY ITEMS | 31 $\triangle$                   |
| <b>TOTAL SHEETS</b>            | <b>45 <math>\triangle</math></b> |

STATE OF MISSISSIPPI  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL INSTALLATION AND IMPROVEMENTS  
FEDERAL AID PROJECT NO. NH-0010-01(120)N**

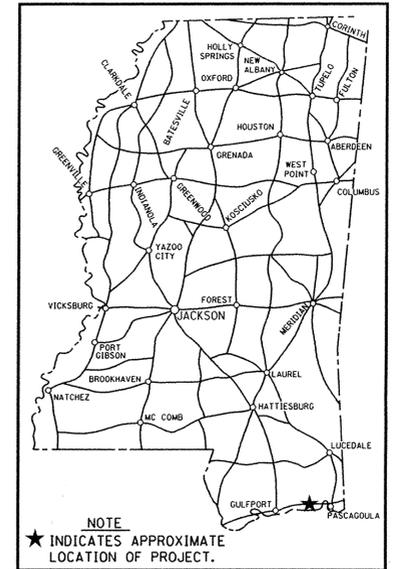
**SR 57 AT I-10  
JACKSON COUNTY**

101204304000 FMS

①06-23-06

SCALES

|         |                         |
|---------|-------------------------|
| PLAN    | 1 IN. = 100 FT.         |
| PROFILE | { HOR. N/A<br>VERT. N/A |
| LAYOUT  | N/A                     |



**DESIGN CONTROL**  
MPH = V (SPEED DESIGN)

ADT ( ) = : ADT ( ) =  
DHV = : D = % T = %

**PERMITS ACQUIRED BY MDT**  
(NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

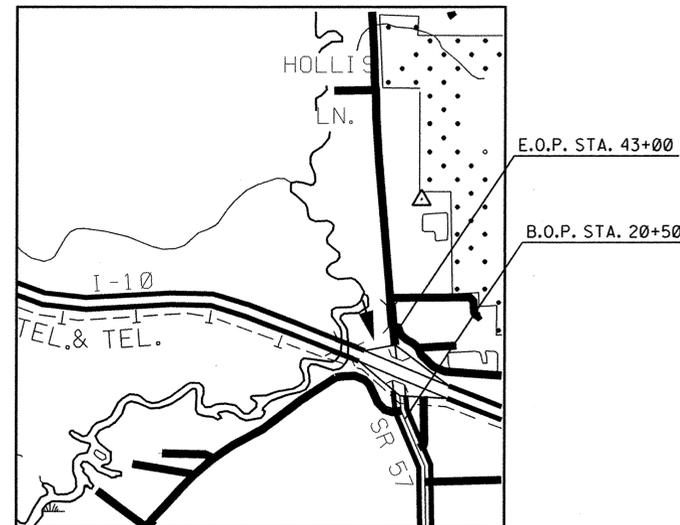
|                     | WATERS | WETLANDS |
|---------------------|--------|----------|
| NATIONWIDE #14      | N      | N        |
| NATIONWIDE (OTHER)* | N      | N        |
| GENERAL*            | N      | N        |
| INDIVIDUAL (404)*   | N      | N        |

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

**STORMWATER PERMIT** S

Y REQUIRED CNDI SUBMITTED BY MDT (DISTRIBUTED AREA = 5 ACRES + INTB 6484)  
S REQUIRED CNDI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 6483)  
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JRM DATE: 7-21-06



VICINITY MAP

**CONVENTIONAL SYMBOLS**

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

**LENGTH DATA**

|                           |             |           |
|---------------------------|-------------|-----------|
| LENGTH OF ROADWAY         | 2250.00 FT. | 0.426 MI. |
| LENGTH OF BRIDGES         | 0.000 FT.   | 0.000 MI. |
| LENGTH OF PROJECT (NET)   | 2250.00 FT. | 0.426 MI. |
| LENGTH OF EXCEPTIONS      | 0.000 FT.   | 0.000 MI. |
| LENGTH OF PROJECT (GROSS) | 2250.00 FT. | 0.426 MI. |

**EXCEPTIONS**



|                                                                |         |
|----------------------------------------------------------------|---------|
| APPROVED:                                                      | DATE    |
| <i>Harry Lee James</i>                                         | 6-22-06 |
| CHIEF ENGINEER                                                 | DATE    |
| <i>Samuel R. Patten</i>                                        | 6-22-06 |
| EXECUTIVE DIRECTOR                                             | DATE    |
| MISSISSIPPI DEPARTMENT OF TRANSPORTATION                       |         |
| APPROVED:                                                      | DATE    |
| DIVISION ADMINISTRATOR                                         | DATE    |
| FEDERAL HIGHWAY ADMINISTRATION<br>DEPARTMENT OF TRANSPORTATION |         |

DESCRIPTION OF SHEET

REVISION DATE WORKING NUMBER SHEET NUMBER

STATE PROJECT NO.  
MISS. NH-0010-01(120)N

1 st O. REV.

|                                                                                                                            |          |        |                   |
|----------------------------------------------------------------------------------------------------------------------------|----------|--------|-------------------|
| TITLE SHEET (1)                                                                                                            |          | CS     | 1                 |
| DETAILED INDEX & GENERAL NOTES (1)                                                                                         |          | DI-1   | 2                 |
| <u>TYPICAL SECTION SHEETS (3)</u>                                                                                          |          |        |                   |
| TYPICAL SECTIONS - MAINLINE AND OCEAN SPRINGS RD                                                                           |          | TS-1   | 3                 |
| TYPICAL SECTIONS - WB OFF RAMP                                                                                             |          | TS-2   | 4                 |
| TYPICAL SECTIONS - WB ON RAMP AND EB OFF RAMP                                                                              |          | TS-3   | 5                 |
| <u>QUANTITY SHEETS (6)</u>                                                                                                 |          |        |                   |
| SUMMARY OF QUANTITIES                                                                                                      |          | SQ-1   | 6                 |
| SUMMARY OF QUANTITIES                                                                                                      |          | SQ-2   | 7                 |
| ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS                                                                             |          | TCPO-1 | 7.1 <sup>2</sup>  |
| ESTIMATED QUANTITIES                                                                                                       |          | EQ-1   | 8                 |
| ESTIMATED QUANTITIES                                                                                                       |          | EQ-2   | 9                 |
| ESTIMATED QUANTITIES                                                                                                       |          | EQ-3   | 10                |
| <u>GEOMETRIC IMPROVEMENT SHEETS (3)</u>                                                                                    |          |        |                   |
| B.O.P. TO STA. 28+20 (MAINLINE)                                                                                            |          | GI-1   | 11                |
| STA. 28+20 TO E.O.P. (MAINLINE)                                                                                            |          | GI-2   | 12                |
| STA. 90+00 TO END WORK (WB ON RAMP) AND STA. 94+00 TO END WORK (EB OFF RAMP)                                               |          | GI-3   | 13                |
| <u>TRAFFIC CONTROL PLAN SHEETS (5)</u>                                                                                     |          |        |                   |
| TRAFFIC CONTROL LAYOUT - PHASE I                                                                                           |          | TCL-1  | 14                |
| TRAFFIC CONTROL LAYOUT - PHASE II                                                                                          |          | TCL-2  | 15                |
| TRAFFIC CONTROL LAYOUT - PHASE III                                                                                         |          | TCL-3  | 16                |
| TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE                                                                |          | TCP-SC | 16.1 <sup>2</sup> |
| CONSTRUCTION SIGNING                                                                                                       |          | CNS-1  | 16.2 <sup>2</sup> |
| <u>PAVEMENT MARKING DETAIL SHEETS (3)</u>                                                                                  |          |        |                   |
| PAVEMENT MARKINGS B.O.P. TO STA. 30+18 (MAINLINE)                                                                          |          | PAV-1  | 17                |
| PAVEMENT MARKINGS STA. 30+18 TO STA. 38+00 (MAINLINE)                                                                      |          | PAV-2  | 18                |
| PAVEMENT MARKINGS STA. 38+00 TO E.O.P. (MAINLINE)                                                                          |          | PAV-3  | 19                |
| <u>SPECIAL DESIGN SHEETS (6)</u>                                                                                           |          |        |                   |
| VEGETATION SCHEDULE                                                                                                        |          | VS-1   | 20                |
| FORM GRADES - EB OFF RAMP                                                                                                  |          | FG-1   | 21                |
| FORM GRADES - WB OFF RAMP                                                                                                  |          | FG-2   | 22                |
| TRAFFIC SIGNAL LAYOUT (I-10 WB/SR 57)                                                                                      |          | TSL-1  | 23                |
| TRAFFIC SIGNAL LAYOUT (I-10 EB/SR 57)                                                                                      |          | TSL-2  | 24                |
| TRAFFIC SIGNAL LAYOUT (OCEAN SPRINGS/SR 57)                                                                                |          | TSL-3  | 25                |
| <u>STANDARD DRAWINGS (17)</u>                                                                                              |          |        |                   |
| PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE HIGHWAYS                                                                    | 12-01-99 | PM-1   | 120               |
| PAVEMENT MARKING LEGEND DETAILS                                                                                            |          | PM-6   | 125               |
| EROSION CONTROL                                                                                                            |          | EC-1   | 140               |
| TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)                                         |          | TEC-1  | 142               |
| DETAILS OF DITCH TREATMENT                                                                                                 |          | DT-1   | 145               |
| MEDIAN BARRIER: CONCRETE (CAST-IN-PLACE)                                                                                   |          | MB-2   | 204               |
| TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO-WAY TRAFFIC)                                                            |          | TCP-1  | 250               |
| TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY) |          | TCP-2  | 251               |
| HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS                                                               |          | TCP-10 | 259               |
| TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS                                                  | 12-01-99 | TCP-11 | 260               |
| TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS                                                                              |          | TCP-14 | 263               |
| TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS                                                  | 12-01-99 | TCP-15 | 264               |
| DRIVEWAYS, CURB & GUTTER, & SIDEWALK                                                                                       |          | SD-1   | 287               |
| DRIVEWAYS, INTEGRAL CURB, & SIDEWALK                                                                                       |          | SD-2   | 288               |
| PIPE CULVERT INSTALLATION                                                                                                  |          | PI-1   | 300               |
| PIPE COLLAR-CONCRETE                                                                                                       |          | PC-1   | 301               |
| FLARED END SECTION FOR CONCRETE PIPE                                                                                       |          | FE-1   | 328               |

GENERAL NOTES

- All signs, signals, pavement markings and temporary traffic control devices are to conform to the Manual on Uniform Traffic Control Devices (Latest Version).
- Underground utilities shown on plans are plotted in their approximate locations from the best information available to the Engineer. The Engineer does not guarantee their accuracy or guarantee that all utilities are shown. The Contractor shall be responsible for making his own independent investigations, including subsurface investigations as may be necessary. The Contractor must coordinate directly with the involved utility owners to have underground utility lines field located in advance of construction. The Contractor must also call MS One Call at 1-800-227-6477 prior to construction.
- All poles, pullboxes, controllers, pavement markings and sidewalk ramps shall be field located by the Engineer and the Contractor at the nearest practical location indicated on the plan sheets.
- All raised objects to be placed a minimum of 2.5 ft. behind face of curb. New Traffic Signal Poles to be placed a minimum of 6 ft. behind face of curb except where in conflict with utilities or right-of-way.
- All signal mast arm poles to be galvanized steel. Contractor to verify all mast arm pole locations to be sure there are no utility conflicts prior to ordering poles.
- Signal controller timings to be provided by the Engineer.
- Contractor shall make the application for power service, coordinating with City Officials, in advance of requiring the electrical service. Power Cable, conduit and incidentals necessary for supply of power to be Cost Absorbed.
- 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.
- See Working Number TSL-1 for additional general notes.
- ANYWHERE IN THESE PLANS, WHEN REFERENCE IS MADE TO PROJECT NUMBER NH-0010-01(050)N, IT IS UNDERSTOOD THAT THE CORRECT PROJECT NUMBER IS NH-0010-01(120)N.

|                            |                             |     |
|----------------------------|-----------------------------|-----|
| PS & E PLANS-DATE 6/23/06  |                             |     |
| FMS CONST. # 101204/304000 |                             |     |
| REVISIONS                  |                             |     |
| DATE                       | SHEET NO.                   | BY  |
| 7/3/2006                   | 6                           | NLB |
| 7/10/2006                  | 1 & 2                       | ATM |
| 7/11/2006                  | 6 & 7                       | ATM |
| 7/17/06                    | 1,2, 7, 7.1, 16.1, & 16.2   | NLB |
| 7/19/06                    | 3,4,5,6,9,11,12,13,14,15&16 | NLB |
| 7/28/2006                  | 7, 23, 24, & 25             | ATM |
| 8/9/2006                   | 6                           | ATM |

UTILITY OWNERS

|                                          |             |         |      |
|------------------------------------------|-------------|---------|------|
| MISSISSIPPI DEPARTMENT OF TRANSPORTATION |             |         |      |
| <b>DETAILED INDEX</b>                    |             |         |      |
| <b>PROJECT NO. STP-0010-01(120)N</b>     |             |         |      |
| <b>COUNTY : JACKSON</b>                  |             |         |      |
| FILENAME:                                | DESIGN TEAM | CHECKED | DATE |
| WORKING NUMBER                           | DI-1        |         |      |
| SHEET NUMBER                             | 2           |         |      |

COUNTY: JACKSON  
DESIGN TEAM:

PROJECT NO.: NH-0010-01(120)N  
FILENAME: