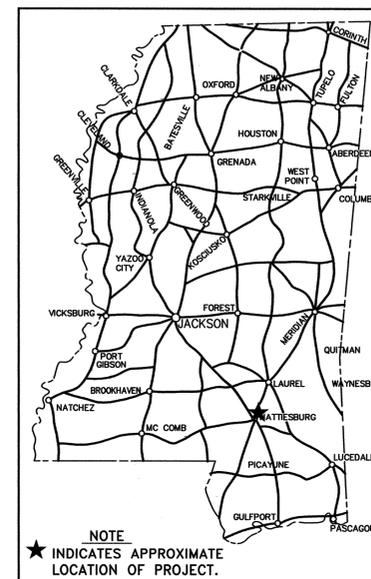


1 1/2 O. REV.

STATE OF MISSISSIPPI  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL IMPROVEMENTS & STREET WIDENING**  
**SR 42 AT MAIN STREET & RICHTON ROAD**  
**PETAL, FORREST COUNTY**  
**FEDERAL AID PROJECT NO. STP 0063-02(019)**  
**FMS 103071/301000**

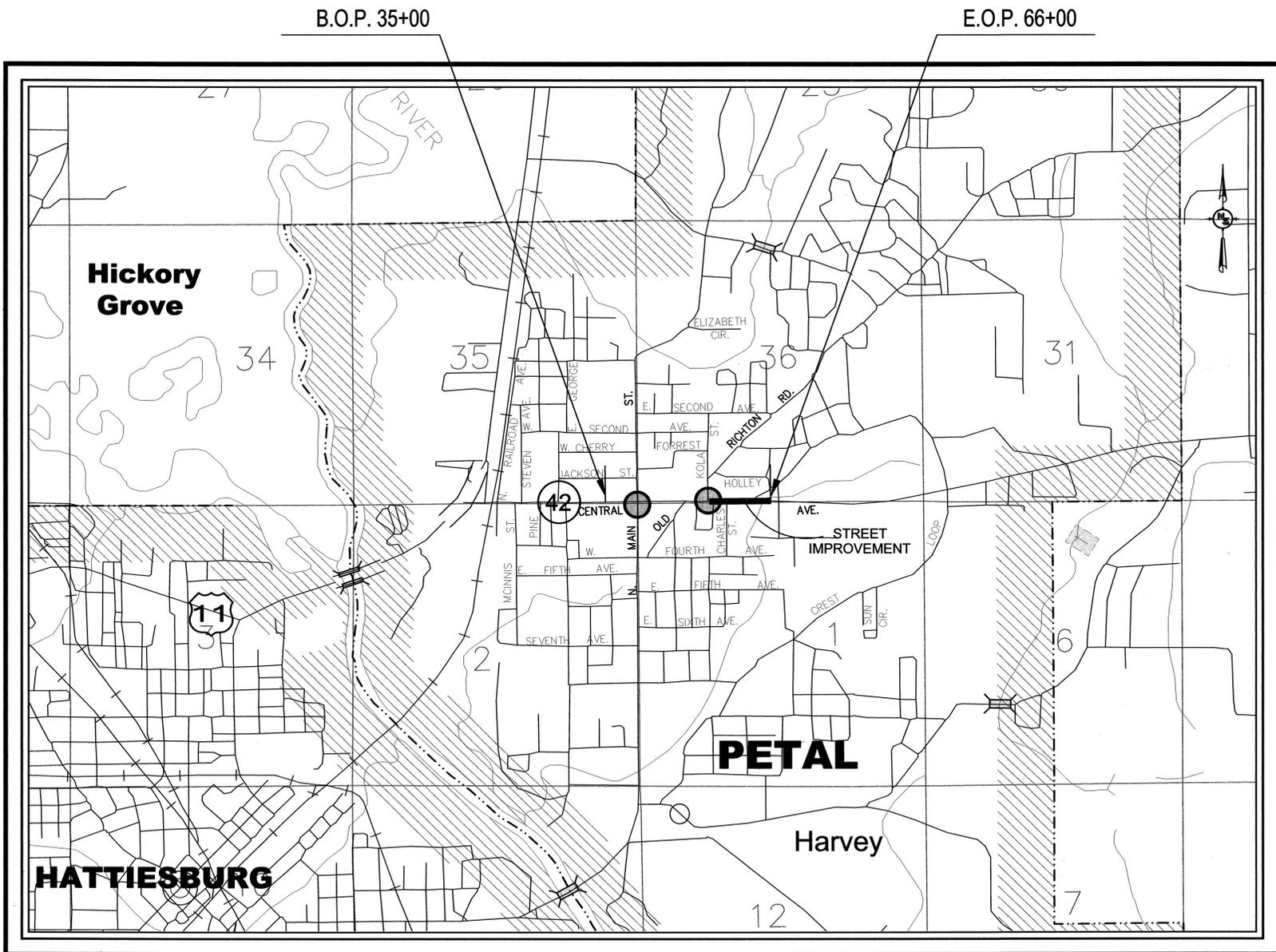
FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
	MISS.	STP 0063-02(019)	1



**GENERAL INDEX**

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX & GENERAL NOTES	2
TYPICAL SECTIONS	1
QUANTITIES	8
PLAN AND PROFILES	2
TRAFFIC SIGNAL IMPROVEMENTS	2
PAVEMENT MARKING	3
SPECIAL DESIGN	14
STANDARD DRAWINGS	31
<b>TOTAL SHEETS</b>	<b>64</b>

**SCALES**  
PLAN 1" = 20' SIGNAL PLAN  
1" = 30' PAVEMENT MARKING  
PROFILE HOR. 20  
VERT. 20  
VICINITY MAP 1" = 1/4 MILE



**VICINITY MAP**

**UTILITIES**

- CITY OF PETAL - WATER & SEWER
- CENTER POINT ENERGY ENTEX (GAS)
- MISSISSIPPI POWER
- BELL SOUTH
- COMCAST CABLE

**CONVENTIONAL SYMBOLS**

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

**DESIGN CONTROL**

40 MPH = V (SPEED DESIGN)  
ADT(2001) = 10,000 ADT(2021) = 15,000  
DHV = 1.100; D = 60; T = 5

**PERMITS ACQUIRED BY MDOT**

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

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

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

**STORMWATER PERMIT**

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA=5 ACRES)(NTB 6484)  
S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 6483)  
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: *[Signature]* DATE: 5-20-04

**LEGEND:**

- INDICATES INTERSECTIONS IN THIS PROJECT FOR SIGNAL IMPROVEMENTS
- INDICATES LOCATION FOR ROADWAY WIDENING

APPROVED BY:	<i>[Signature]</i>	5/20/04
CHIEF ENGINEER		DATE
APPROVED BY:	<i>[Signature]</i>	5/20/04
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ENGINEER		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
<u>DETAILED INDEX &amp; GENERAL NOTES (2)</u>		
DETAILED INDEX	ID-1	2
GENERAL NOTES	GN-1	3
<u>TYPICAL SECTION SHEETS (1)</u>		
TYPICAL SECTION	TS-1	4
<u>QUANTITY SHEETS (8)</u>		
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SUMMARY OF QUANTITIES	SQ-2	6
ESTIMATED QUANTITIES (REMOVAL ITEMS)	EQ-1	7
ESTIMATED QUANTITIES (INCIDENTAL CONSTRUCTION ITEMS)	EQ-2	8
ESTIMATED QUANTITIES (INCIDENTAL CONSTRUCTION ITEMS)	EQ-3	9
ESTIMATED QUANTITIES (DRAINAGE STRUCTURES)	EQ-4	10
ESTIMATED QUANTITIES (PAVEMENT MARKINGS & TEMPORARY TRAFFIC CONTROL ITEMS)	EQ-5	11
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STATE ROUTE 42 - STA. 56+50.00 TO STA. 62+00.00	PP-2	14
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DETAIL OF INTERSECTION - STA. 56+00 TO STA. 62+00	DI-2	16
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MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-4	32
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISCELLANEOUS DETAILS	TSD-5	33

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GUARD RAIL: "W" BEAM (STEEL POSTS)	GR-1B	182	(03-01-02)
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)	GR-3	192	(03-01-02)
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	GR-3A	193	(03-01-02)
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GUARD RAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAYS	GR-4D	198	(03-01-02)
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REVISION DATE



PS & E PLANS-DATE 5/21/04		
FMS CON. * 103071/301000		
REVISIONS		
DATE	SHEET NO.	BY
5/25/04	1,2,5, & 6	ATM
6/25/04	5,8,13,14,15,16,18, 19,21,22,23 & 24	RT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>Detailed Index (Roadway)</b>	
Project No.: STP-0063-02(019)	WORKING NUMBER ID-1
County: Forrest	SHEET NUMBER 2
FILENAME: INDEX.dgn	DESIGN TEAM _____ CHECKED _____ DATE _____

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