

1st O. REV. GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX/GENERAL NOTES	1
TYPICAL SECTION SHEETS	7
QUANTITY SHEETS	5
PLAN SHEETS	2
INTERSECTION DETAIL SHEETS	2
PAVEMENT MARKING DETAIL SHEETS	2
MISCELLANEOUS DETAILS	1
TRAFFIC SIGNAL SHEETS	2
SPECIAL DESIGN SHEETS	7
STANDARD DRAWING SHEETS	19
TOTAL SHEETS	49

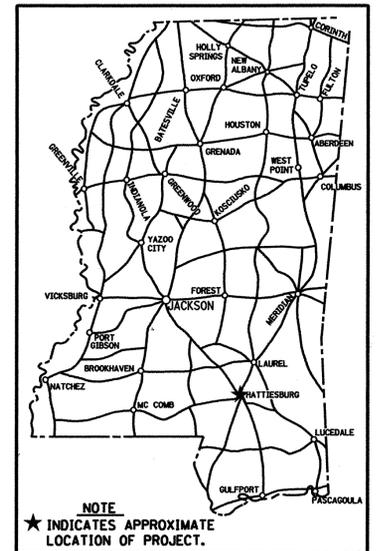
STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. STP-0063-02(020)**

TRAFFIC SIGNAL IMPROVEMENTS
HWY 42 @ GLENDALE & STANLEY
AND PROVIDENCE & NORTH MAIN
CITY OF HATTIESBURG
FORREST COUNTY

FMS 103938/301000 CON

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0063-02(020)	1

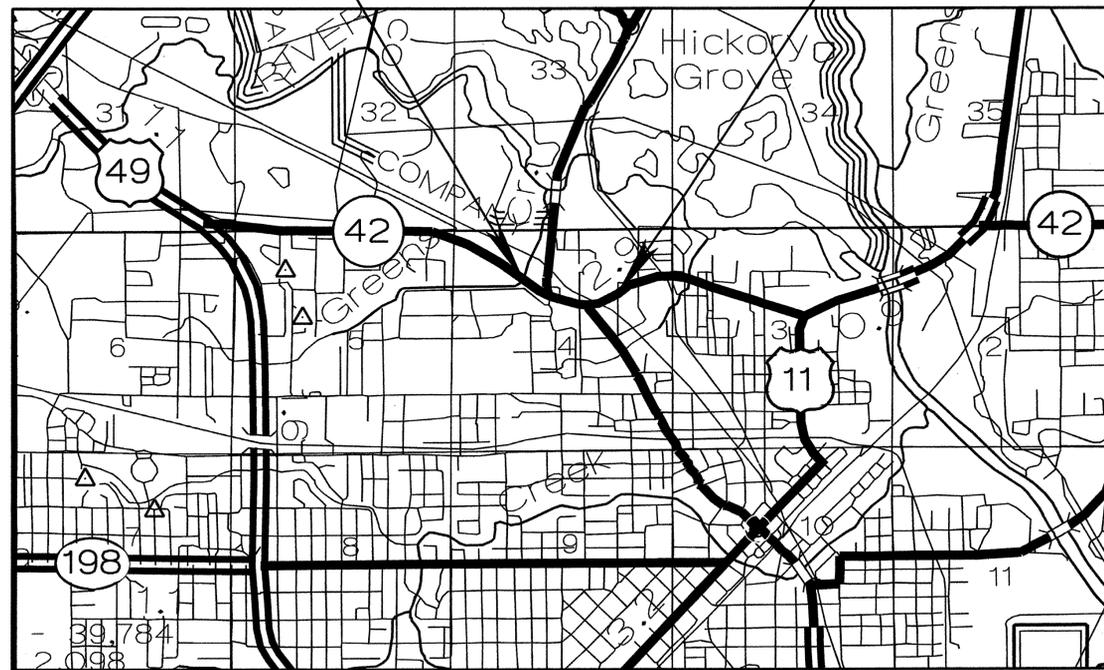


SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 2,000 FT.

B.O.P. STA 6+92.70

E.O.P. STA 109+00.00



BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE

DESIGN CONTROL

40 MPH = V (SPEED DESIGN)

ADT (2003) = 18,000; ADT (2023) = 27,000

DHV = 2,700; D = 6040%; T = 0.5%

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (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 N

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: JER DATE: 2-16-05

CONVENTIONAL SYMBOLS

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

EQUATIONS

P.O.T. = -1+31.9 PWS 71-A-REOP BK
STA. = 100+00 FAP U-008-2(1) AH

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	1,724.60 FT.	0.327 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		0.327 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		0.327 MI.

APPROVED: *[Signature]* 2/16/05
CHIEF ENGINEER DATE

APPROVED: *[Signature]* 02-16-05
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: _____ DATE _____
DIVISION ADMINISTRATOR

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

1st O. REV.

DESCRIPTION OF SHEET

REVISION DATE

WORKING NO.

SHEET NO.

STATE	PROJECT NO.
MISS.	STP-0063-02(020)

TITLE SHEET: (1)			1
DETAILED INDEX/GENERAL NOTES: (1)		DI-1	2
TYPICAL SECTION SHEETS: (7)			
MS HWY. 42 - 0+87.98 TO 1+31.64 & 4+80.84 TO 6+26.30		TS-1	3
MS HWY. 42 - 1+31.64 TO 2+08.91		TS-2	4
MS HWY. 42 - 2+08.91 TO 4+80.84		TS-3	5
MS HWY. 42 - 6+26.30 TO 6+92.70 & -1+31.90 TO 0+87.98		TS-4	6
MS HWY. 42 - 100+00.00 TO 107+50.00		TS-5	7
GLENDALE AVE - 10+23.88 TO 11+94.52		TS-6	8
STANLEY STREET - 10+18.50 TO 10+89.19		TS-7	9
QUANTITY SHEETS: (5)			
SUMMARY OF QUANTITIES		SQ-1	10
SUMMARY OF QUANTITIES		SQ-2	11
ESTIMATED QUANTITIES		EQ-1	12
ESTIMATED QUANTITIES		EQ-2	13
ESTIMATED QUANTITIES		EQ-3	14
PLAN SHEETS: (2)			
US HWY. 42 AT GLENDALE		3A	15
US HWY. 42 AT STANLEY/PROVIDENCE/NORTH MAIN		3B	16
INTERSECTION DETAIL SHEETS: (2)			
US HWY. 42 AT GLENDALE		ID-1	17
US HWY. 42 AT STANLEY/PROVIDENCE/NORTH MAIN		ID-2	18
PAVEMENT MARKING DETAIL SHEETS: (2)			
US HWY. 42 AT GLENDALE		PMD-1	19
US HWY. 42 AT STANLEY/PROVIDENCE/NORTH MAIN		PMD-2	20
MISCELLANEOUS DETAIL SHEET: (1)			
US HWY. 42 AT GLENDALE/STANLEY/PROVIDENCE/NORTH MAIN		MD-1	21
TRAFFIC SIGNAL SHEETS: (2)			
TRAFFIC SIGNAL INSTALLATION - US HWY. 42 AT GLENDALE		TSI-1	22
TRAFFIC SIGNAL INSTALLATION - US HWY. 42 AT STANLEY/PROVIDENCE/NORTH MAIN		TSI-2	23
SPECIAL DESIGN SHEETS: (7)			
VEGETATION SCHEDULE		VS-1	24
DETAILS OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS & GENERAL NOTES		TSD-1	25
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-2	26
PULL BOX AND CONDUIT TRENCHING DETAILS		TSD-3	27
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE I POLE ATTACHMENTS & MISC. DETAILS		TSD-4	28
MAST ARM AND PEDESTAL POLE DETAILS		TSD-5	29
TYPICAL SIGNAL INSTALLATION TRAFFIC CONTROL PLAN		TSD-6	30
STANDARD DRAWING SHEETS: (19)			
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	PM-1	120
PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED ROADWAYS	12-01-99	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
TYPICAL PLACEMENT OF WARNING SIGNS AND PAVEMENT MARKINGS AT RAIL ROAD HIGHWAY GRADE CROSSINGS	03-01-02	PM-7	126
4 LANE TO 2 LANE TRANSITION AT INTERCHANGE	03-01-02	PM-8	127
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)		TEC-1	142
ROUTE SHIELDS AND "EXIT ONLY" PANELS		SN-2	221
STANDARD ROADSIDE SIGNS		SN-3	222
STANDARD ROADSIDE SIGNS		SN-3A	223
STANDARD ROADSIDE SIGNS	03-01-02	SN-3B	224
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4	225
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4A	226
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4B	227
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250
HIGHWAY SIGN & BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-14	263
DRIVEWAYS, CURB & GUTTER & SIDEWALK		SD-1	287
CURB-CUT RAMP	03-01-02	CCR-1	289
TOTAL SHEETS			49

GENERAL NOTES:

- THE CONTRACTOR SHALL ESTABLISH EXISTING CONCRETE JOINTS AND SAW AND SEAL TRANSVERSE JOINTS IN THE ASPHALT PAVEMENT AS APPROVED BY THE PROJECT ENGINEER.
- ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION AND ALL SUBSEQUENT REVISIONS).
- 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.
- ALL POLES, PULLBOXES, CONTROLLERS AND PAVEMENT MARKINGS 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.
- CONTRACTOR TO VERIFY ALL MAST ARM POLE LOCATIONS TO BE SURE THERE ARE NO UTILITY CONFLICTS PRIOR TO ORDERING POLES.
- ALL SIGNAL HEADS AND PUSH BUTTONS TO BE BLACK IN COLOR.
- ALL MAST ARM SIGNAL POLES TO BE GALVANIZED.
- SIGNAL 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.
- CONTRACTOR SHALL REMOVE, STACK, AND REINSTALL EXISTING TRAFFIC SIGNS AS DIRECTED BY THE ENGINEER. ANY EXISTING SIGNS NOT RE-USED SHALL BE RETURNED TO THE MDOT.
- CONTRACTOR SHALL SCHEDULE WORK SO THAT THE CHANGE OVER FROM THE EXISTING SIGNAL SYSTEM TO THE NEW SIGNAL SYSTEM SHALL BE DONE EXPEDITIOUSLY. CONTRACTOR IS REQUIRED TO PROVIDE FOR MANUAL TRAFFIC CONTROL BY CONTRACTOR EMPLOYED OFF-DUTY LOCAL LAW ENFORCEMENT OFFICERS DURING THE TIME THE SIGNAL IS OUT OF OPERATION. (COST ABSORBED).
- FLOURESCENT 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.
- WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE (ABSORBED ITEM).
- 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.
- CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE ANY LANES OF TRAFFIC BETWEEN THE HOURS OF 7:00-8:30AM AND 4:00-6:00PM MONDAY - FRIDAY OR AS DIRECTED BY THE ENGINEER.
- ALL VEHICLE LOOP ASSEMBLIES SHALL BE INSTALLED AFTER COMPLETION OF COLD MILLING THE EXISING BITUMINOUS PAVEMENT AND PRIOR TO OVERLAYING WITH HOT MIX ASPHALT.
- PUBLIC UTILITIES:
CITY OF HATTIESBURG
ENTEX GAS COMPANY
HATTIESBURG COUNTY CABLEVISION
SOUTHERN PINE ELECTRIC POWER ASSOC.
BELLSOUTH
AT&T

PS & E PLANS-DATE 2/25/05		
FMS CON. # 103938/301000		
REVISIONS		
DATE	SHEET NO.	BY
03/17/05	1	JMA

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX SHEET & GENERAL NOTES	
PROJECT: STP-0063-02(020) COUNTY: FORREST	
WORKING NUMBER DI-1	SHEET NUMBER 2
FILENAME: 02 INDEX GENERAL NOTES.DGN	DESIGN TEAM: NJO
CHECKED: RAW	DATE: 1/25/05

PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN
02 INDEX GENERAL NOTES.DGN
02/22/2005