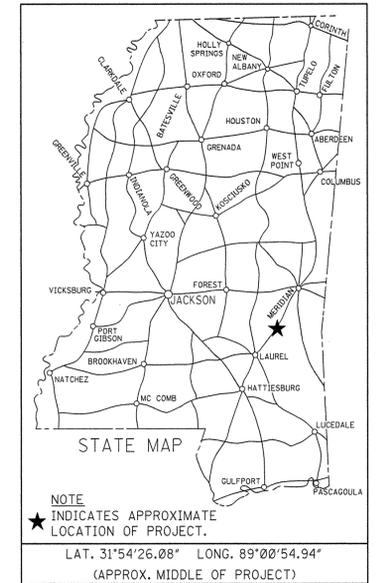


FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-0059-02(100)	1

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. IM-0059-02(100)**

I-59 AND SR 528 INTERCHANGE LIGHTING **FMS 106182/301000**
JASPER COUNTY

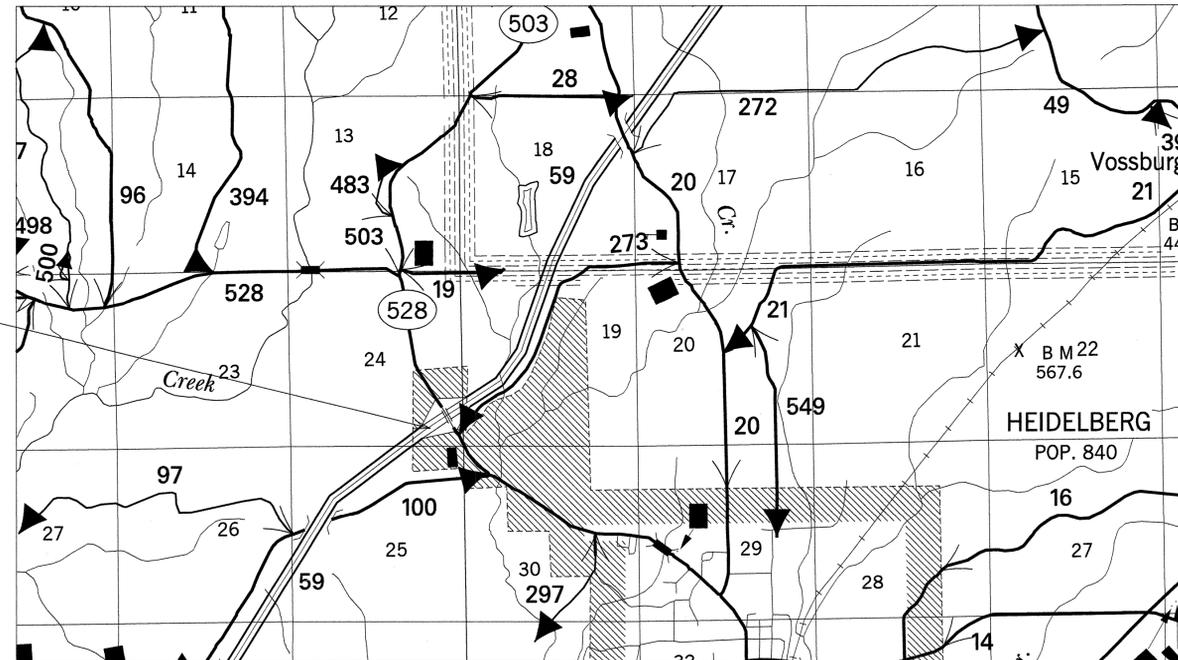
SCALES
PLAN 1 IN. = 100 FT.
PROFILE { HOR. 1 IN. = 100 FT.
 VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 2500 FT.



BRIDGE STRUCTURES REQ'D.
N/A

BOX BRIDGES REQ'D.
N/A

PROJECT LOCATION



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 <input checked="" type="checkbox"/>		
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)	
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: <i>[Signature]</i> DATE: 11/8/11		

CONVENTIONAL SYMBOLS

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

EQUATIONS
N/A

EXCEPTIONS
N/A

LENGTH DATA

LENGTH OF ROADWAY	5215	FT.	.988	MI.
LENGTH OF BRIDGES		FT.		MI.
LENGTH OF PROJECT (NET)		FT.		MI.
LENGTH OF EXCEPTIONS		FT.		MI.
LENGTH OF PROJECT (GROSS)	5215	FT.	.988	MI.



APPROVED:	<i>[Signature]</i>	11/9/11
CHIEF ENGINEER		DATE
INTERIM EXECUTIVE DIRECTOR	<i>[Signature]</i>	11/8/11
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

STATE	PROJECT NO.
MISS.	IM-0059-02(100)

DESCRIPTION OF SHEET

REVISIONS

WKG. NO. SH. NO.

TITLE SHEET (1)		1	1
DETAILED INDEX & GENERAL NOTES (2)			
DETAILED INDEX		DI-1	2
GENERAL NOTES		GN-1	3
QUANTITY SHEETS (3)			
SUMMARY OF QUANTITIES		SQ-1	4
ESTIMATED QUANTITIES		EQ-1	5
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS		TCPQ-1	6
PLAN & PROFILE SHEETS (1)			
LIGHTING LAYOUT - STA. 1491+75 TO STA. 1524+50		LP-1	7
SPECIAL DESIGN SHEETS (20)			
LIGHTING DETAILS		LD-1	8
LIGHTING DETAILS		LD-2	9
LIGHTING DETAILS		LD-3	10
LIGHTING DETAILS		LD-4	11
DETAIL OF CONSTRUCTION SIGNING		DCS-1	12
VEGETATION SCHEDULE		VEG-1	13
EROSION CONTROL SPECIAL DESIGN		ECS-1	14
TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS		ECD-1	15
DETAILS OF SEDIMENT BARRIER APPLICATIONS		ECD-2	16
DETAILS OF SILT FENCE INSTALLATION		ECD-3	17
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS		ECD-4	18
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS		ECD-5	19
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK		ECD-6	20
ROCK DITCH CHECK		ECD-8	21
ROCK DITCH CHECK WITH SUMP EXCAVATION		ECD-9	22
INLET PROTECTION DETAILS OF WATTLES		ECD-12	23
STABILIZED CONSTRUCTION ENTRANCE		ECD-15	24
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK		ECD-20	25
DETAILS OF DITCH TREATMENT		DT-1	26
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE		TCD-1	27

DESCRIPTION OF SHEET

REVISIONS

WKG. NO. SH. NO.

STANDARD DRAWINGS - ROADWAY SHEETS (6)			
EROSION CONTROL		EC-1	140
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE 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
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE (WORK DAY ONLY)		TCP-5	254
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMP		TCP-12	261

11/7/2011 15:46:14 DI.DGN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PS & E PLANS-DATE 11-10-11		
FMS CON. # 106182/301000		
REVISIONS		
DATE	SHEET NO.	BY

REVISION	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
		DETAILED INDEX
DATE	DESIGN TEAM	I-59 AND SR528
		LIGHTING PROJECT
FILENAME: DI.DGN		WORKING NUMBER
DESIGN TEAM _____ CHECKED _____ DATE _____		DI-1
		SHEET NUMBER
		2



GENERAL NOTES:

- ① ALL LIGHTING LOCATIONS WILL BE STAKED IN THE FIELD BY MDOT OR MDOT REPRESENTATIVES. CONTRACTOR SHALL PLACE THE ASSEMBLIES AS STAKED UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- ② ALL QUANTITIES SHOWN FOR BRANCH CIRCUIT ARE APPROXIMATE AND MAY NOT REFLECT LENGTHS REQUIRED BY THE TERRAIN IN THE FIELD.
- ③ THE CONTRACTOR MAY FIND IT NECESSARY TO CONSTRUCT TEMPORARY RAMPS OR ROADWAYS FOR CONSTRUCTION. THESE MAY BE DONE AT THE APPROVAL OF THE ENGINEER (NOT A SEPARATE PAY ITEM). WHEN NO LONGER REQUIRED, THE RAMPS OR ROADWAYS ARE TO BE REMOVED AND THE AFFECTED AREA(S) GRASSED AND GROWTH ESTABLISHED (NOT A SEPARATE PAY ITEM). ALL TRAFFIC CONTROL DEVICES REQUIRED FOR COMPLIANCE WITH THE MUTCD SHALL BE PROVIDED BY THE CONTRACTOR AT NO COST TO THE STATE.
- ④ 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. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT SHALL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- ⑤ WHERE THE CONTRACTOR ENCOUNTERS PAVED DITCHES IN ROUTING OF BRANCH CIRCUITS, HE WILL JACK OR BORE UNDER DITCH. THIS IS NOT A SEPARATE PAY ITEM. DAMAGE TO PAVED DITCHES (AND/OR OTHER STRUCTURES) CAUSED BY THE CONTRACTOR DURING THIS PROJECT SHALL BE REPAIRED (AS DIRECTED BY THE ENGINEER) AT NO COST TO THE STATE.
- ⑥ EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED
- ⑦ THE COST OF DISPOSING MATERIALS DEEMED EXCESS EXCAVATION BY THE ENGINEER SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.
- ⑧ CONTRACTOR SHALL PROVIDE TOUCH UP GALVANIZING SUPPLIED BY POLE MANUFACTURER TO MATCH POLE FINISH.
- ⑨ METAL POLES SHALL BE SHIPPED TO SITE LOCATION SECURED WITH NYLON OR OTHER SUITABLE TIE DOWN MEANS TO PREVENT DAMAGE TO POLE SURFACE. CABLE OR CHAIN LASHINGS ARE NOT TO BE USED.
- ⑩ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

- ⑪ THE CONTRACTOR MAY JACK OR BORE A SINGLE SLEEVE FOR INSTALLATION OF MULTIPLE BRANCH CIRCUIT CONDUITS AT A ROADWAY CROSSING, RATHER THAN JACKING OR BORING INDIVIDUAL CONDUITS. THE INSTALLATION OF THE SLEEVE AND THE FIRST CONDUIT SHALL BE PAID FOR AT THE BID PRICE FOR UNDERGROUND BRANCH CIRCUIT (JACKED OR BORED). ADDITIONAL CONDUITS PLACED IN THE SLEEVE SHALL BE PAID FOR AT THE BID PRICE OF REGULAR UNDERGROUND BRANCH CIRCUIT. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR LARGER SLEEVE. SUBMIT SIZE OF SLEEVE AND MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.
- ⑫ THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ⑬ THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SHOULDER WHICH MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.
- ⑭ WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A 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. ALL COSTS FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID FOR CONTRACT ITEMS.
- ⑮ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLARS MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- ⑯ JACK AND BORE SHALL BE MINIMUM 3 FT. BELOW DITCH GRADE.
- ⑰ CONTRACTOR SHALL TREMIE WHILE PLACING CONCRETE FOR FOUNDATIONS

UTILITIES:

HEIDELBERG UTILITY (D.L. GIEGER)	601-422-8350
SOUTHERN PINE ELECTRIC POWER ASSOCIATION (STEPHEN KEEN)	601-785-2000 EXT. 322
PHILADELPHIA WATER ASSOCIATION	601-787-2117
MISSISSIPPI 811	800-227-6477

LEGEND:

- HA-3 ① (A) LIGHTING ASSEMBLY DESIGNATION AND CIRCUIT NO.
130' POLE, 8 - 1000 WATT H.P.S. LUMINAIRES (TYPE 130-8-S)
- HA-1 ① (B) LIGHTING ASSEMBLY DESIGNATION AND CIRCUIT NO.
100' POLE, 6 - 1000 WATT H.P.S. LUMINAIRES (TYPE 100-6-A)
- LA-1 ① (D) LIGHTING ASSEMBLY DESIGNATION AND CIRCUIT NO.
1 40' POLE, 1 - 400 WATT H.P.S. LUMINAIRE (TYPE 40-1-0-400)

—W—	UNDERGROUND WATER LINE
—G-G—	UNDERGROUND GAS LINE
—P—	OVERHEAD POWER LINE
SPC - A	SECONDARY POWER CONTROLLER
PB	UNDERGROUND PULL BOX
JB	UNDERGROUND JUNCTION BOX
NPP	NEW POWER POLE PROVIDED
40'	UNDERGROUND BRANCH CIRCUIT JACKED OR BORED, LENGTH

ABBREVIATIONS:

PVC	- POLYVINYL CHLORIDE
THW	- THERMOPLASTIC HEAT AND MOISTURE RESISTANT
CIR	- CIRCUIT
I.E.S.	- ILLUMINATING ENGINEERING SOCIETY
LA-3	- LIGHTING ASSEMBLY - NUMBER
O.C.	- ON CENTER
A.W.G.	- AMERICAN WIRE GAUGE
L.F.	- LINEAR FOOT
MDOT	- MISSISSIPPI DEPARTMENT OF TRANSPORTATION
℄	- CENTERLINE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES, LEGEND	
AND ABBREVIATIONS	
I-59 AND SR28	
LIGHTING PROJECT	
PROJ.NO: IM-0059-02(100)	
COUNTY: JASPER	
DATE	FILENAME: GN-1.DGN
DESIGN TEAM	CHECKED _____ DATE _____
WORKING NUMBER	GN-1
SHEET NUMBER	3