

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP-7314-00(029)	1

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input type="checkbox"/> PERMANENT SIGNS	1001
<input checked="" type="checkbox"/> TRAFFIC SIGNALS	2001
<input type="checkbox"/> ITS COMPONENTS	3001
<input type="checkbox"/> LIGHTING	4001
<input type="checkbox"/> (RESERVED)	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS ..	6001
<input type="checkbox"/> BRIDGE STANDARD DWGS	7001
<input type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-7314-00(029)

TRAFFIC SIGNAL AND GEOMETRIC IMPROVEMENTS
US 80 AT COLLEGE DRIVE / BAUGH STREET
RANKIN COUNTY

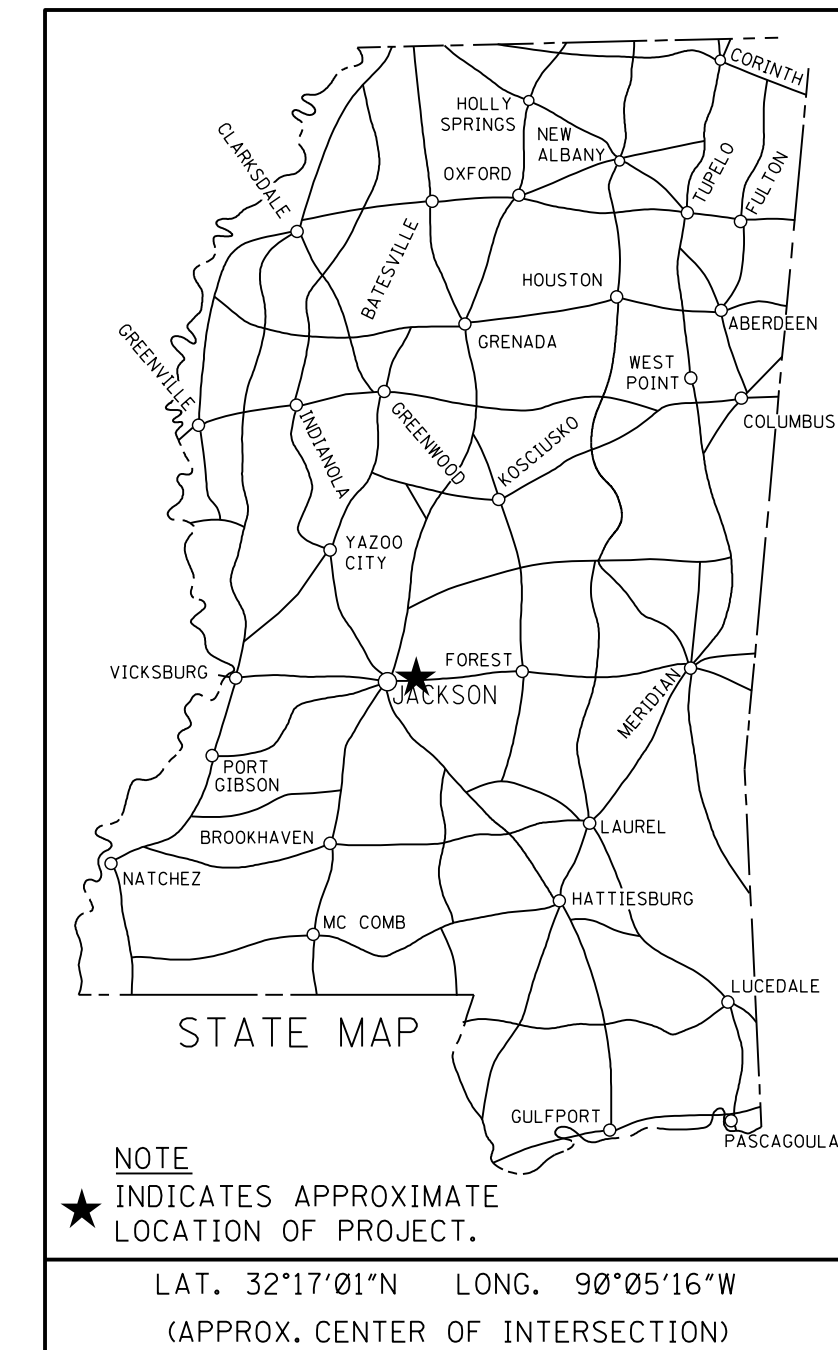
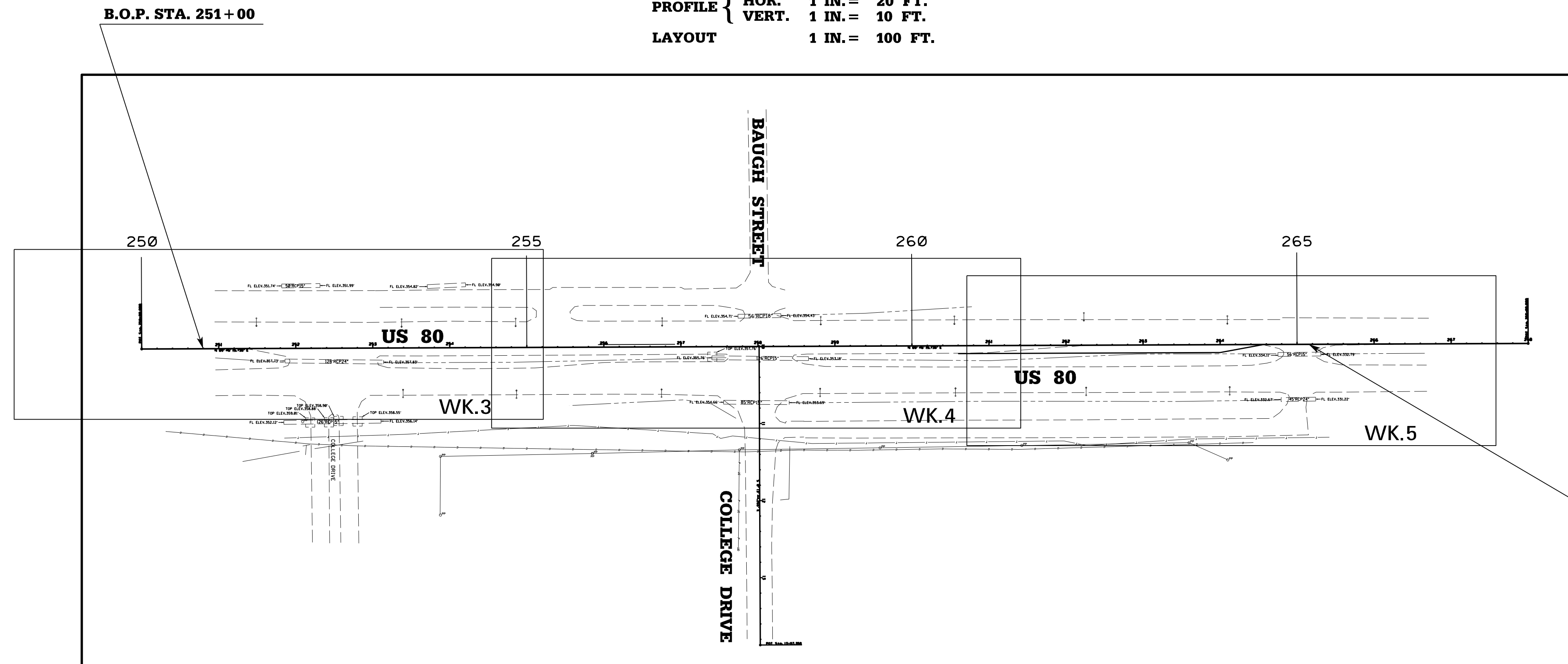
FMS CONST. 107262/301000

SCALES

PLAN	1 IN. = 20 FT.
PROFILE	HOR. 1 IN. = 20 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 100 FT.

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE



DESIGN CONTROL	
55 MPH = V (SPEED DESIGN)	
ADT (2015) = 19000 ; ADT (2025) = 23000	
DHV = 1710 ; D = 56 % 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 <input checked="" type="checkbox"/>	
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
S	REQUIRED, CNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY: _____	

GPS CONTROL NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:
NAD' 83(93) MS WEST ZONE

HORIZONTAL MONUMENT	NORTH	EAST
HATCH	1024662.23142	2464821.09962
Z362	1018975.29908	2356930.47078
SPILLWAY	1054010.13553	2379559.14761

VERTICAL DATUM: NAVD 88

VERTICAL MONUMENT	ELEVATION

ALL AZIMUTHS AND DISTANCES ARE NAD' 83(93) MS WEST ZONE GRID VALUES

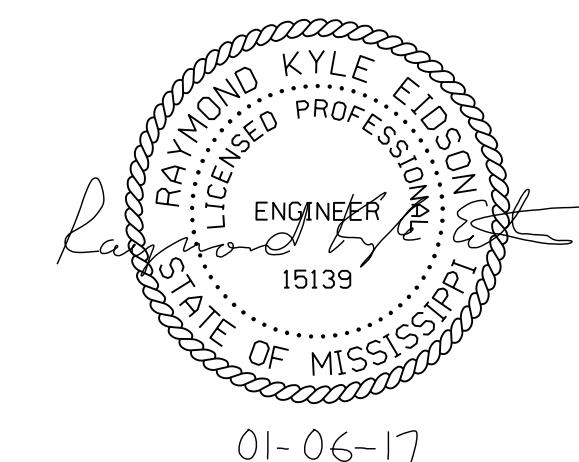
CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID FACTOR	.999945514
GRID TO GROUND CORRECTION	-54.486 PPM
GRID TO GEODETIC AZIMUTH	00 09' 13.05227"

EQUATIONS
NONE

EXCEPTIONS
NONE

LENGTH DATA

LENGTH OF ROADWAY	1400.00 FT.	0.27 MI.
LENGTH OF BRIDGES	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (NET)		0.27 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (GROSS)		0.27 MI.



01-06-17

P S & E DATE: 10-28-2016	
APPROVED:	_____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	_____
EXECUTIVE DIRECTOR	_____
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION	

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STATE	PROJECT NO.
MISS.	STP-7314-00(029)

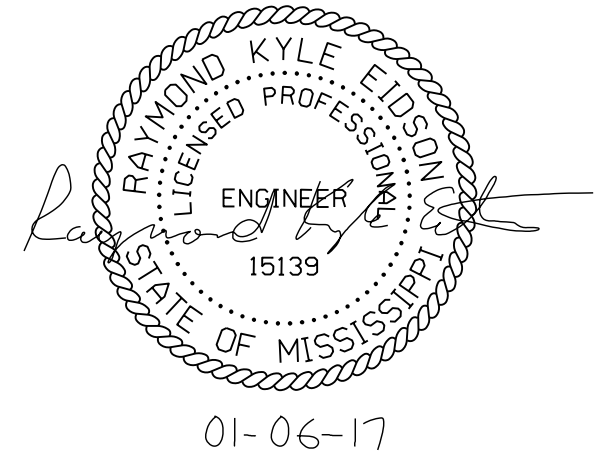
DESCRIPTION OF SHEET

<u>TITLE SHEET (1)</u>		1
<u>DETAILED INDEX & GENERAL NOTES (2)</u>		
DETAIL INDEX	DI-1	2
GENERAL NOTES	GN-1	3
<u>TYPICAL SECTION SHEETS (1)</u>		
TYPICAL SECTIONS US 80 TURN LANE, STA. 260+60 - STA. 264+55	TS-1	4
<u>QUANTITY SHEETS (6)</u>		
SUMMARY OF QUANTITIES	SQ-1	5
SUMMARY OF QUANTITIES	SQ-2	6
SUMMARY OF QUANTITIES	SQ-3	7
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ESTIMATED QUANTITIES - PAVEMENT MARKINGS, SIGN ASSEMBLY & SIGNS	EQ-2	9
ESTIMATED QUANTITIES - TRAFFIC SIGNAL	EQ-3	10
<u>PLAN & PROFILE SHEETS (3)</u>		
PLAN PROFILE US 80, STA. B.O.P. - STA. 255+00	WK-3	11
PLAN PROFILE US 80, STA. 255+00 - STA. 261+00	WK-4	12
PLAN PROFILE US 80, STA. 261+00 - STA. E.O.P.	WK-5	13
<u>TRAFFIC CONTROL PLAN SHEETS (2)</u>		
DETAIL OF CONSTRUCTION SIGNING	DCS-1	14
TRAFFIC CONTROL PLAN - US 80 LEFT TURN LANE	TC-1	15
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PAVEMENT MARKING DETAILS - US 80 AT COLLEGE DRIVE / BAUGH ST.	PMD-1	16
PAVEMENT MARKING DETAILS - US 80 AT COLLEGE DRIVE / BAUGH ST.	PMD-2	17
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DRIVEWAYS, CURB & GUTTER & SIDEWALK	SDSD-1	18
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	SDTCP-10	19
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	20
VEGETATION SCHEDULE	VS-1	21
<u>EROSION CONTROL SHEETS (24)</u>		
EROSION CONTROL	EC-1	22
DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	23
TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS	ECD-1	24
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	25
DETAILS OF SILT FENCE INSTALLATION	ECD-3	26
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	27
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	28
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DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	30
ROCK DITCH CHECK	ECD-8	31
ROCK FILTER DAM	ECD-9	32
ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	33
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-11	34
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS	ECD-12	35
INLET PROTECTION DETAILS OF WATTLES	ECD-13	36

DESCRIPTION OF SHEET

<u>EROSION CONTROL SHEETS (CON'T)</u>		
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	37
INLET PROTECTION DETAILS OF SAND BAG	ECD-15	38
STABILIZED CONSTRUCTION ENTRANCE	ECD-16	39
TEMPORARY CULVERT STREAM CROSSING	ECD-17	40
TEMPORARY STREAM DIVERSION	ECD-18	41
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FLOATING TURBIDITY CURTAIN	ECD-20	43
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	44
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<u>TRAFFIC SIGNAL SHEETS (9)</u>		
TRAFFIC SIGNAL INSTALLATION - US 80 @ COLLEGE DRIVE / BAUGH STREET	TSI-1	2001
TSI AERIAL - US 80 @ COLLEGE DRIVE / BAUGH STREET	TSI-2	2002
US 80 RADIO INTERCONNECT - PIRATES COVE TO AIRPORT ROAD (SR 475)	TSI-3	2003
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGN AND GENERAL NOTES	TSD-1	2004
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	2005
TYPICAL DETAILS TRAFFIC CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISCELLANEOUS DETAILS	TSD-5	2006
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-6	2007
TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION)	TSD-7	2008
TYPICAL CAMERA INSTALLATION FOR TRAFFIC SIGNALS	TSD-8	2009
<u>STANDARD DRAWINGS - ROADWAY SHEETS (8)</u>		
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAY	12-1-99 PM-1	6120
PAVEMENT MARKING LEGEND DETAILS	PM-6	6125
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION	SN-4	6225
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION	SN-4A	6226
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE TWO-WAY TRAFFIC)	TCP-1	6250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	TCP-2	6251
SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-9	6258
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-1-99 TCP-11	6260
<u>CROSS SECTION (4)</u>		
US 80		9001-9004
<u>TOTAL SHEETS (66)</u>		

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01-06-17

NEEL-SCHAFFER		
PS & E PLANS-DATE: 01-06-2017		
FMS CON. # 107262/301000		
REVISIONS		
DATE	SHEET NO.	BY

DATE	REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		Detail Index	
		US80 at College Drive / Baugh St.	
		Project No.: STP-7314-00(029) County: Rankin	
		WORKING NUMBER	DI-1
		FILENAME: DI-1.DGN	SHEET NUMBER
DESIGN TEAM	CHECKED	DATE	2

GENERAL NOTES

STATE	PROJECT NO.
MISS.	STP-7314-00(029)

1. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
2. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS, AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION AND ALL SUBSEQUENT REVISIONS).
3. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
4. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES 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 WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
6. VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. UNDERGROUND UTILITIES ARE NOT SHOWN ON PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING FOR HIMSELF INDEPENDENT INVESTIGATIONS, INCLUDING SUBSURFACE INVESTIGATIONS AS MAY BE NECESSARY. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS AND MISSISSIPPI - 811 (1-800-227-6477) TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION. CONTRACTOR SHALL CHECK FOR UTILITY CONFLICTS PRIOR TO ORDERING SIGNAL EQUIPMENT POLES.
8. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING 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.
9. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
10. WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
11. ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
12. 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.
13. ALL RAISED OBJECTS TO BE PLACED A MINIMUM OF 2 FT. BEHIND FACE OF CURB. NEW TRAFFIC SIGNAL POLES TO BE PLACED A MINIMUM OF 5 FT. BEHIND FACE OF CURB EXCEPT WHERE IN CONFLICT WITH UTILITIES OR RIGHT-OF-WAY. PLACEMENT OF RAISED OBJECTS AND NEW POLES SHALL CONFORM TO A.D.A. REQUIREMENTS.
14. CONTROLLER TIMINGS TO BE PROVIDED BY MDOT TRAFFIC ENGINEERING DIVISION.
15. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE (SOUTHERN PINE EPA), COORDINATING WITH CITY OFFICIALS, IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE. POWER SERVICE TO BE METERED AND REQUIRES A POWER SERVICE PANEL. ANY MAKE-READY COST TO BE ABSORBED BY THE CONTRACTOR.

16. THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
17. THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE
18. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
19. REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
20. PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED, IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.
21. THE CONTRACTOR IS RESPONSIBLE FOR FIELD -VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
22. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
23. ERECTION DATES ARE TO BE LEGIBLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT AND MARKS ON WET OR DRY SURFACES.
24. SEE WORKING NUMBER TSD-1 FOR ADDITIONAL GENERAL NOTES AND COST ABSORBED ITEMS RELATED TO TRAFFIC SIGNALS.
25. LIST OF PUBLIC UTILITIES:

<u>TELEPHONE SERVICE</u>	<u>ELECTRIC SERVICE</u>
AT&T	ENTERGY
800-227-6477	800-368-3749
MCI	SOUTHERN PINE
1-888-624-5622	601-824-7070
TELEPAK (C-SPIRE)	<u>FIBER SERVICE</u>
877-835-3725	CONTACT NETWORK-INLINE FIBER
<u>GAS SERVICE</u>	COMMUNICATIONS
CENTERPOINT GAS	800-956-8909
800-371-5417	<u>WATER & SEWER SERVICE</u>
<u>TV SERVICE</u>	CITY OF PEARL
COMCAST	601-932-3520
601-982-0922	<u>STREET LIGHTS & TRAFFIC SIGNALS</u>
	CITY OF PEARL
	601-932-3541 / 601-932-3520

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
General Notes	
<i>US80 at College Drive / Baugh St.</i>	
Project No.: STP-7314-00(029) County: Rankin	
WORKING NUMBER GN-1	SHEET NUMBER 3
FILENAME: GN.DGN	DESIGN TEAM _____ CHECKED _____ DATE _____

