GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	1
GENERAL NOTES	1
TYPICAL SECTIONS	4
QUANTITIES	13
PLAN AND PROFILES	5
SPECIAL DESIGN – ROADWAY ITEMS	46
BRIDGE DRAWINGS	
SPECIAL DESIGN – BRIDGES	
CROSS-SECTIONS	24
TOTAL SHEETS	95

02-09-07

STATE OF MISSISSIPPI

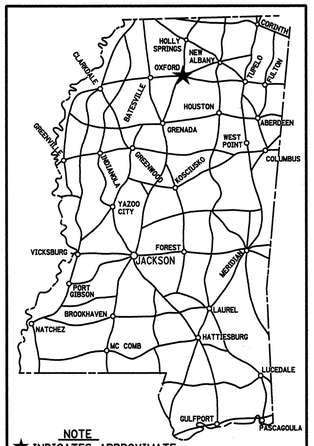
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID NO. HSIP-0070-04(014)

FMS 102481/301000 (CONST.)

LAMAR BOULEVARD AT HWY. 6 AT OXFORD
LAFAYETTE COUNTY

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP-0070-04(014)	1



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°21'15"N LONG. 89°31'16"W
(APPROX. MIDDLE OF PROJECT)

E.O.P. STA: 23 + 00.00

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 50 FT.

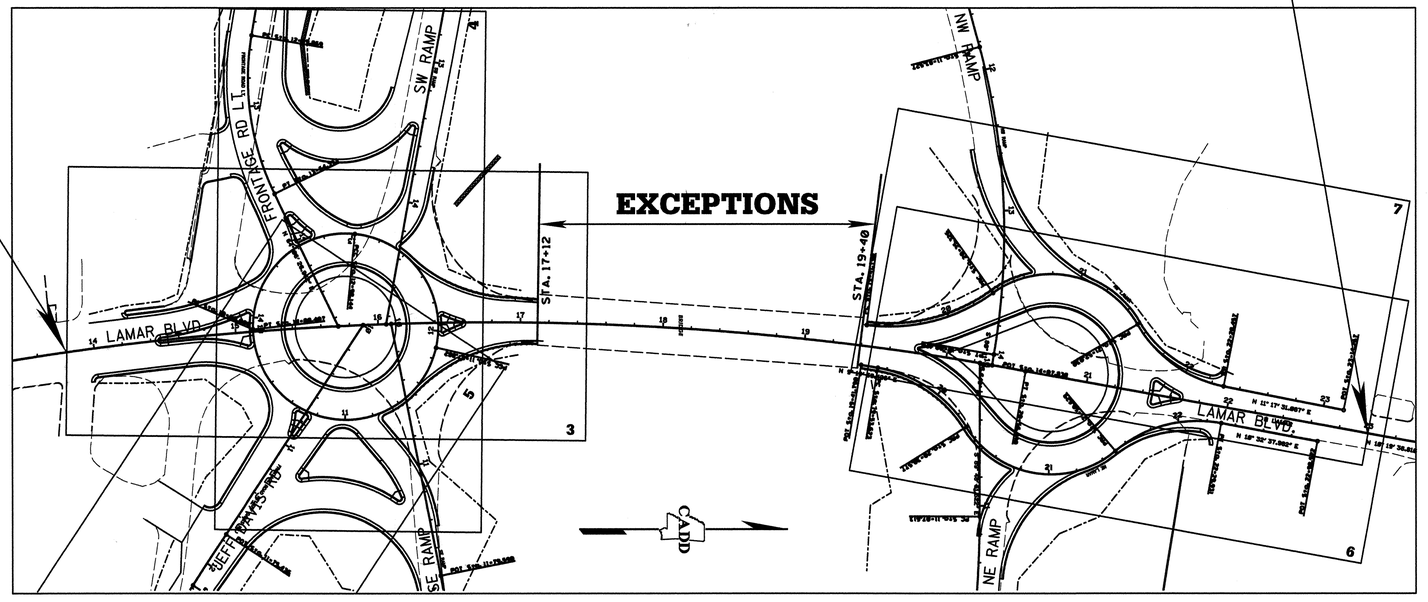
BRIDGE STRUCTURES REQ'D.

(NONE)

B.O.P. STA: 13 + 80.00

BOX BRIDGES REQ'D.

(NONE)



EXCEPTIONS

DESIGN CONTROL
25 MPH = V (SPEED DESIGN)
ADT (2003) = 10,000: ADT (2020) = 15,000
DHV = 1,500 : D = ____ % T = 2 %

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	S
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: CKP DATE: 2/9/07

CONVENTIONAL SYMBOLS

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

EQUATIONS

(NONE)

EXCEPTIONS

STA. 17 + 12 TO STA. 19 + 40

LENGTH DATA

LENGTH OF ROADWAY	920 FT.	0.174 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		0.174 MI.
LENGTH OF EXCEPTIONS	228 FT.	0.043 MI.
LENGTH OF PROJECT (GROSS)		0.131 MI.

121

REVISIONS

BY	DATE

APPROVED:

CHIEF ENGINEER — 2-8-07 DATE

EXECUTIVE DIRECTOR — 2-8-07 DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

M*DDYY Ø0Ø.ØØ A*PM DGNFILENAME

1 st O. REV.

STATE	PROJECT NO.
MISS.	HSIP-00063-02(019

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (2)		
DETAILED INDEX	*ID-1*	2
GENERAL NOTES	*GN-1*	3
TYPICAL SECTION SHEETS (4)		
TYPICAL SECTION	*TS-1*	4
TYPICAL SECTION	*TS-2*	5
TYPICAL SECTION	*TS-3*	6
TYPICAL SECTION	*TS-4*	7
QUANTITY SHEETS (13)		
SUMMARY OF QUANTITIES	*SQ-1*	8
SUMMARY OF QUANTITIES	*SQ-2*	9
ESTIMATED QUANTITIES (CURB & GUTTER REQ'D., REMOVAL of DRIVEWAY, MILLING REQ'.D)	*EQ-1*	10
ESTIMATED QUANTITIES (MILLING REQ'D., CURB & GUTTER REQ'D.)	*EQ-2*	11
ESTIMATED QUANTITIES (DRAINAGE STRUCTURES)	*EQ-3*	12
ESTIMATED QUANTITIES (JUNCTION BOXES & CURB and GUTTER)	*EQ-4*	13
ESTIMATED QUANTITIES (REMOVAL OF PAVEMENT, CURB & TRAFFIC STRIPE)	*EQ-5*	14
ESTIMATED QUANTITIES (TEMPORARY TRAFFIC CONTROL)	*EQ-6*	15
ESTIMATED QUANTITIES (TRAFFIC CONTROL SIGNS)	*EQ-7*	16
ESTIMATED QUANTITIES (PERMANENT SIGNS)	*EQ-8*	17
ESTIMATED QUANTITIES (DIRECTIONAL SIGN ASSEMBLY)	*EQ-9*	18
ESTIMATED QUANTITIES (STANDARD ROADSIDE SIGN ASSEMBLY)	*EQ-10*	19
ESTIMATED QUANTITIES (PERMANENT PAVEMENT MARKINGS)	*EQ-11*	20
PLAN & PROFILE SHEETS (5)		
SOUTH LAMAR STREET - STA. 13+80 TO STA. 18+00.00	*WK-3*	21
FRONTAGE ROAD (LT) - STA. 11+35 TO STA. 13+50	*WK-4*	22
FRONTAGE ROAD (RT) - STA 10+80 TO STA. 13+00	*WK-5*	23
NW LAMAR - STA. 11+40 TO STA 22+20	*WK-6*	24
SW LAMAR - STA. 19+40 TO STA. 22+20	*WK-7*	25
INTERSECTION DETAIL SHEETS (2)		
DETAIL OF INTERSECTION (FRONTAGE ROAD RT & LT, S.W. RAMP & S.E. RAMP)	*DI-1*	26
DETAIL OF INTERSECTION (SW RAMP, NW RAMP, SW LAMAR & NW LAMAR)	*DI-2*	27
TYPICAL TRAFFIC CONTROL PLANS (6)		
TRAFFIC CONTROL PLAN - PHASE I	*TC-1*	28
TRAFFIC CONTROL PLAN - PHASE I	*TC-2*	29
TRAFFIC CONTROL PLAN - PHASE IA	*TC-3*	30
TRAFFIC CONTROL PLAN - PHASE IB	*TC-4*	31
TRAFFIC CONTROL PLAN - PHASE II	*TC-5*	32
TRAFFIC CONTROL PLAN - PHASE II	*TC-6*	33
PAVEMENT MARKING DETAIL SHEETS (2)		
PAVEMENT MARKING DETAILS - SOUTH LAMAR	*PMD-1*	34
PAVEMENT MARKING DETAILS - NORTH LAMAR	*PMD-2*	35
SIGNING PLANS (3)		
PERMANENT SIGNING PLAN - SOUTH LAMAR	*PSP-1*	36
PERMANENT SIGNING PLAN - NORTH LAMAR	*PSP-2*	37
DIRECTIONAL SIGN DETAILS	*DSD-1*	38
FORM GRADES (2)		
FORM GRADE - SOUTH LAMAR	*FG-1*	39
FORM GRADE - NORTH LAMAR	*FG-2*	40

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	REVISION DATE
SPECIAL DESIGN (3)			
MISCELLANEOUS CONSTRUCTION DETAILS	*MCD-1*	41	
MISCELLANEOUS DETAILS (DRUMS ON LOW SHOULDERS, BENCHING UNDER EMBANKMENT & PAVED APRONS)	*MCD-2*	42	
SPECIAL DESIGN SIGNS	*SDS-1*	43	
VEGETATION SCHEDULE (1)			
VEGETATION SCHEDULE	*VS-1*	44	
STANDARD DRAWINGS - ROADWAY SHEETS (27)			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	*PM-1*	*120*	*(12-01-99)*
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 TYPICAL DITCH TREATMENTS	*DT-1*	*145*	
STANDARD ROADSIDE SIGNS	*SN-3*	*222*	
STANDARD ROADSIDE SIGNS	*SN-3A*	*223*	
STANDARD ROADSIDE SIGNS	*SN-3B*	*224*	*(03-01-02)*
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	*SN-4*	*225*	
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	*SN-4B*	*227*	
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS	*SN-5*	*228*	
SIGN FACE CONST. & ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	*SN-7*	*232*	*(03-01-02)*
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	*TCP-1*	*250*	
SHORT DURATION CLOSING OF TWO-LANE TWO-HIGHWAYS	*TCP-8*	*257*	
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	*TCP-10*	*259*	
RURAL DRIVEWAYS	*RD-1*	*271*	
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS	*GT-1*	*272*	
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V ≤ 40 mph)	*SE-1*	*275*	
DRIVEWAYS, CURB & GUTTER & SIDEWALK	*SD-1*	*287*	
DETAILS OF PAVED FLUMES	*PF-1*	*291*	
PIPE CULVERT INSTALLATIONS	*PI-1*	*300*	
JUNCTION BOX FOR PIPE CULVERTS	*JB-1*	*302*	
DETAILS OF GRATES FOR GUTTER INLETS	*IG-2*	*315*	
STORM SEWER STRUCTURE TYPE SS-2	*SS-2*	*322*	
FLARED END SECTION FOR CONCRETE PIPE	*FE-1*	*328*	
FLARED END SECTION FOR CONCRETE ARCH PIPE	*FE-1A*	*329*	

CROSS SECTIONS (24)	
LAMAR STREET	*901-913*
SOUTHWEST RAMP	*914-915*
SOUTHEAST RAMP	*916-917*
FRONTAGE ROAD LEFT	*918-919*
NORTHWEST RAMP	*920-921*
NORTHEAST RAMP	*922*
FRONTAGE ROAD RIGHT	*923-924*

TOTAL SHEETS----------95

121

NEEL-SCHAFFER, INC.

PS & E PLANS-DATE 02-09-07		
FMS CON. # 102491/321002		
REVISIONS		
DATE	SHEET NO.	BY
3/16/07	8,9	TMM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Detailed Index
(Roadway)

Project No.: HSIP-0070-04(014)
County: Lafayette

WORKING NUMBER: ID-1

FILENAME: INDEX.dgn

DESIGN TEAM _____ CHECKED _____ DATE _____

SHEET NUMBER: 2

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MKODYXY 08:08AMPM DGNFILENAME

STATE	PROJECT NO.
MISS.	HSIP-0070-04(014)

GENERAL NOTES

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. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

3. 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 SHOULD 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.

4. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO FABRICATION.

5. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT ANY SIGNS WHICH MAY BE REQUIRED IN ISLANDS CAN BE LOCATED.

6. 25% SHRINKAGE FACTOR AND THE BALANCE POINTS USED THE EARTHWORK DIAGRAM ARE FOR DESIGN ESTIMATING PURPOSES ONLY.

7. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE (ABSORBED ITEM).

8. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 TO 100 L.F. OF DITCH, 8 BALES PER INLET AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS)

9. 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.

10. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THE INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES LOCATED IN ADVANCE OF CONSTRUCTION.

11. FOR LIST OF PUBLIC UTILITIES, SEE WK. NO. 3.

12. 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 THE 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, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

13. ALL SIZES OF FLARED END SECTIONS MAY BE FURNISHED WITH EITHER BELL & SPIGOT OR TONGUE AND GROOVE JOINTS.

14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION. TO BE PAID FOR UNDER PAY ITEM NO. 618-A (MAINTENANCE OF TRAFFIC).

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MMDDYY 00:00AMPM DGNFILENAME

BY | REVISION | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Project No.: HSIP-0070-04(014)
County: Lafayette

WORKING NUMBER: GN-1

FILENAME: gn.dgn

DESIGN TEAM _____ CHECKED _____ DATE _____

SHEET NUMBER: 3