

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	1
GENERAL NOTES	1
TYPICAL SECTIONS	2
QUANTITIES	2
PLAN VIEW	4
SPECIAL DESIGN - ROADWAY ITEMS	29
BRIDGE DRAWINGS	
SPECIAL DESIGN - BRIDGES	
CROSS-SECTIONS	

TOTAL SHEETS 40

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. HSIP-0055-02(204)N

INTERSTATE 55 SOUTH OF PEARL STREET INTERCHANGE TO WOODROW WILSON INTERCHANGE HINDS COUNTY

FMS CONST. 104902301000

04-20-07

B.O.P. STA. 39 + 57.37

E.O.P. STA. 198 + 50.24

SCALES

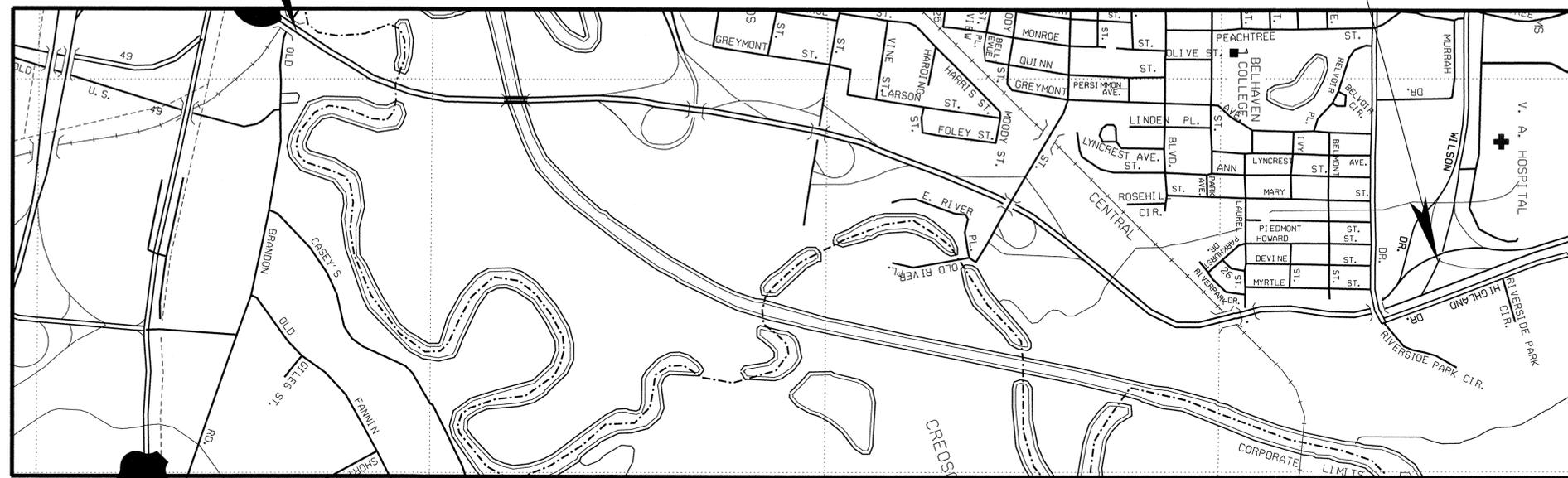
PLAN 1 IN. = 100 FT.

PROFILE { HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.}

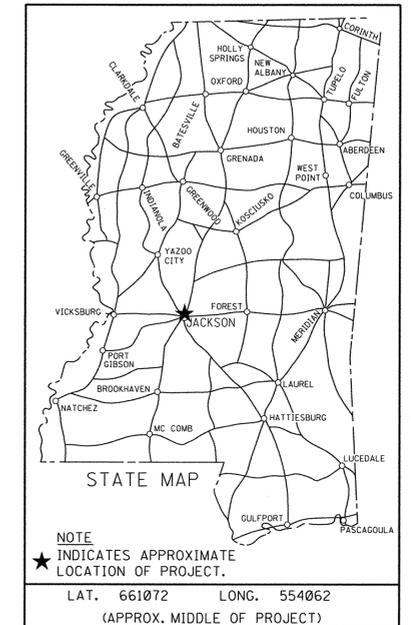
LAYOUT 1 IN. = 4000 FT.

BRIDGE STRUCTURES REQ'D. NONE

BOX BRIDGES REQ'D. NONE



FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP-0055-02(204)N	1



DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT () = : ADT () =

DHV = : D = % T = %

PERMITS ACQUIRED BY MDT

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

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

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

STORMWATER PERMIT

Y REQUIRED, CNOI SUBMITTED BY MDT (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: *BBS* DATE: 4/20/07

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

NONE

LENGTH DATA

LENGTH OF ROADWAY	15892.87 FT.	3.01 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)	FT.	MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		3.01 MI.

REVISIONS	DATE	BY	APPROVED:	DATE
			<i>Samuel James</i>	4/20/07
			<i>Samuel James</i>	4-20-07

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

TITLE SHEET (1)		1	STANDARD DRAWINGS - ROADWAY SHEETS (CONT.)		
DETAILED INDEX & GENERAL NOTES (2)					
DETAILED INDEX ROADWAY GENERAL NOTES	DI-1 GN-1	2 3	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	TCP-4	253
TYPICAL SECTION SHEETS (2)					
TYPICAL SECTION INTERSTATE 55 (B.O.P. TO E.O.P.)	TS-1	4	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	TCP-5	254
TYPICAL SECTION INTERSTATE 55 (WATERWORK CURVE AREA)	TS-2	5	SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-9	258
QUANTITY SHEETS (2)			HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259
SUMMARY OF QUANTITIES	SQ-1	6	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-11	260
ESTIMATED QUANTITIES-SIGNS AND TRAFFIC CONTROL ITEMS	TCQ-1	7	TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS	TCP-14	263
PLAN VIEW SHEETS (4)			PIPE CULVERT INSTALLATION	PI-1	300
PLAN VIEW I-55	PV-1	8	BRANCH CONNECTIONS	BC-1	305
PLAN VIEW I-55	PV-2	9	PAVED INLET APRON AND MEDIAN DITCH PLUG	PA-1	318
PLAN VIEW I-55	PV-3	10	DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERT	B-9	325
PLAN VIEW I-55	PV-4	11			
SPECIAL DESIGN SHEETS (6)					
DETAIL OF CONSTRUCTION SIGNING	DCS-1	12			
DETAIL OF CONSTRUCTION SIGNING	DCS-2	13			
TRAFFIC CONTROL DETAIL OF DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	14			
LOCATION OF R16-3 SIGNS	R16-3	15			
MEDIAN BARRIER (TYPE 4 MOD.) CONCRETE(CAST-IN-PLACE)	MB-1	16			
VEGETATION SCHEDULE	VEG-1	17			
STANDARD DRAWINGS - ROADWAY SHEETS (23)					
MEDIAN BARRIER: CONCRETE (CAST-IN-PLACE)	MB-2	204			
MEDIAN BARRIER: CONCRETE (PRECAST) (03-01-02)	MB-2	205			
INNOVATIVE BARRIER: CONCRETE (CAST-IN-PLACE)(TYPE 1)(42" HEIGHT)	MB-3	206			
INNOVATIVE BARRIER: CONCRETE (CAST-IN-PLACE)(TYPE 4)(MODIFIED 42" HEIGHT) (03-01-02)	MB-4	207			
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 AND INSTALLATION	SN-4	225			
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	226			
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	227			
TYPICAL INSTALLATION OF GOUND MOUNTED DIRECTIONAL SIGNS	SN-5	228			
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 LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)	TCP-3	252			

DISTRICT 5

PS & E PLANS-DATE: 04/20/2007		
FMS CON. # 104902/301000		
REVISIONS		
DATE	SHEET NO.	BY
04/26/07	1,2,3,4,5,6,10,11	GMM
05/18/07	3,6,10,11	GMM
5/25/07	5,6	GMM

GMM	ADD. NOTE	DATE	BY	122	
				MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
				DETAIL INDEX	
				PROJECT NO: HSIP-0055-02(204)N	
COUNTY: HINDS			WORKING NUMBER	DI-1	
FILENAME: <u>DETAIL INDEX.DGN</u>			SHEET NUMBER	2	
DESIGN TEAM: MANGUM			CHECKED	DATE	

5/30/2007 1:31:42:26 SITE_3.dgn



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. EXISTING OR TEMPORARY PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE.(ABSORBED ITEM)
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. EXTREME CARE SHOULD BE EXERCISED IN PAVEMENT AREAS 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.
5. FLUORESCENT 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.
6. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
7. ALL TEMPORARY TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
8. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM), EXCEPT WHERE SHOWN ON THE TRAFFIC CONTROL PLANS.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.
10. POSTIVE BARRIER SEPARATION OF NORTHBOUND AND SOUTHBOUND LANES SHALL BE KEPT IN PLACE THOUGHTOUT THE LIFE OF PROJECT BY MEANS OF MEDIAN BARRIERS
11. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
12. BLOCKOUT FOR DRAINAGE SHALL BE PLACED AT EVERY INLET LOCATION OR AS DIRECTED BY THE ENGINEER
13. THE CONTRACTOR SHALL ERECT AND MAINTAIN CONSTRUCTION SIGNING AND PROVIDE ALL SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY TO SAFELY MAINTAIN TRAFFIC AROUND AND THROUGH THE WORK AREAS IN ACCORDANCES WITH TRAFFIC CONTROL PLAN AND THE MUTCD. THE COST IS TO BE INCLUDED IN THE PRICE BID FOR PAY ITEM NO. 618-A, MAINTENANCE OF TRAFFIC
14. INCIDENTAL WORK SUCH AS REMOVING VEGETATION SHAPING AND COMPACTING SHOULDERS REMOVING AND RESETING SIGNS REMOVING EXCESS ASPHALT MATERIAL PROJECT CLEAN-UP AND OTHER ITEMS OF INCIDENTAL WORK NECESSARY TO COMPLETE THE PROJECT WILL NOT BE MEASURED FOR SEPARATE PAYMENT AND WILL BE CONSIDERED INCLUDED IN THE PRICES OF ITEMS BID.
15. LITTER SHALL BE REMOVED FROM THE PROJECT RIGHT-OF-WAY AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT LEAST MONTHLY DURING THE LIFE OF THE PROJECT. LITTER SHALL INCLUDE BUT NOT BE LIMITED TO SOLID WASTES SUCH AS GLASS PAPER PRODUCTS TRIES WOOD PRODUCTS METAL SYNTHETIC MATERIALS AND OTHER MISCELLANEOUS DEBRIS. IN ADDITIONAL TO THE MONTHLY LITTER REMOVAL THE CONTRACTOR SHALL ON A DAILY BASIS REMOVE ALL DEBRIS FROM WITHIN THE ROADWAY AND A 30 FOOT CLEAR ZONE WHICH IN THE OPINION OF THE ENGINEER IS A HAZARD TO THE TRAVELING PUBLIC. NO DIRECT PAYMENT WILL BE MADE FOR THE LITTER AND / OR DEBRIS REMOVAL THE COST IS TO BE INCLUDED IN THE PRICES OF ITEM BID. FAILURE OF THE CONTRACTOR TO REMOVE LITTER AND / OR DEBRIS AS PRESCRIBED HEREIN SHALL BE JUST CAUSE FOR WITHHOLDING THE MONTHLY PROGRESS ESTIMATE PAYMENT UNTIL THE LITTER AND / OR DEBRIS IS SATISFACTORILY REMOVED BY THE CONTRACTOR.
16. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO NOT DISTURB OR DAMAGE ANY MANHOLE ACCESS POINTS WATER VALVES DRAINAGE STRUCTURES OR ANY OTHER OBJECT DESIGNATED BY THE ENGINEER THAT EXISTS IN THE ROADWAY. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND /OR REPLACEMENT OF ANY OF THE ITEMS LISTED ABOVE.
17. PORTLAND CEMENT FOR STRUCTURAL CONCRETE SHOULD BE TYPE II OR TYPE I WITH A MAXIMUM TRICALCIUM ALUMINATE CONTENT OF 8%.
18. PORTABLE CONSTRUCTION LIGHTING SHALL BE REQUIRED FOR ANY AND ALL NIGHT OPERATIONS AND SHALL CONFORM TO SECTION NO. 680 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (NOT A SEPARATE PAY ITEMS)
19. REACT-350,QUADGUARD,TAU II OR APPROVED EQUAL TO BE INSTALLED FOLLOWING MANUFACTURER'S RECOMMENDATION. CONTRACTOR TO PROVIDE TWO COPIES OF MANUFACTURER'S INSTALLATION DETAILS TO THE PROJECT ENGINEER. THE ENGINEER SHALL KEEP ONE COPY IN PROJECT FILE AND PROVIDE ONE COPY TO DISTRICT MAINTENANCE ENGINEER.
20. ANY REFERENCE TO PROJECT NUMBER HSIP-0055-02(204) IS TO BE UNDERSTOOD THAT HSIP-0055-02(204)N IS THE CORRECT PROJECT NUMBER.

ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION



CHANGE AND ADD. NOTE		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GNM				GENERAL NOTES	
GNM					
DATE	REVISION	PROJECT NO: HSIP-0055-02(204)N		WORKING NUMBER	
		COUNTY: HINDS		GN-1	
		FILENAME: GN.DGN		SHEET NUMBER	
		DESIGN TEAM MANGUM CHECKED DATE		3	