

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BRO-0055-02(188)	1

STATE OF MISSISSIPPI

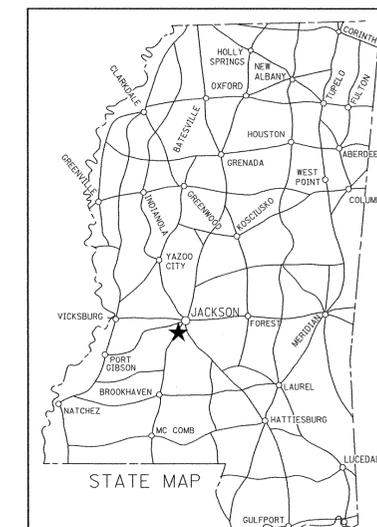
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BRO-0055-02(188)

I-55 AT WYNNDALE ROAD
HINDS COUNTY

FMS CONST. 104630/301000

① 2-13-08



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.
LAT. N 32°07'57" LONG. W 90°17'12"
(APPROX. MIDDLE OF PROJECT)

BR. SITE 1

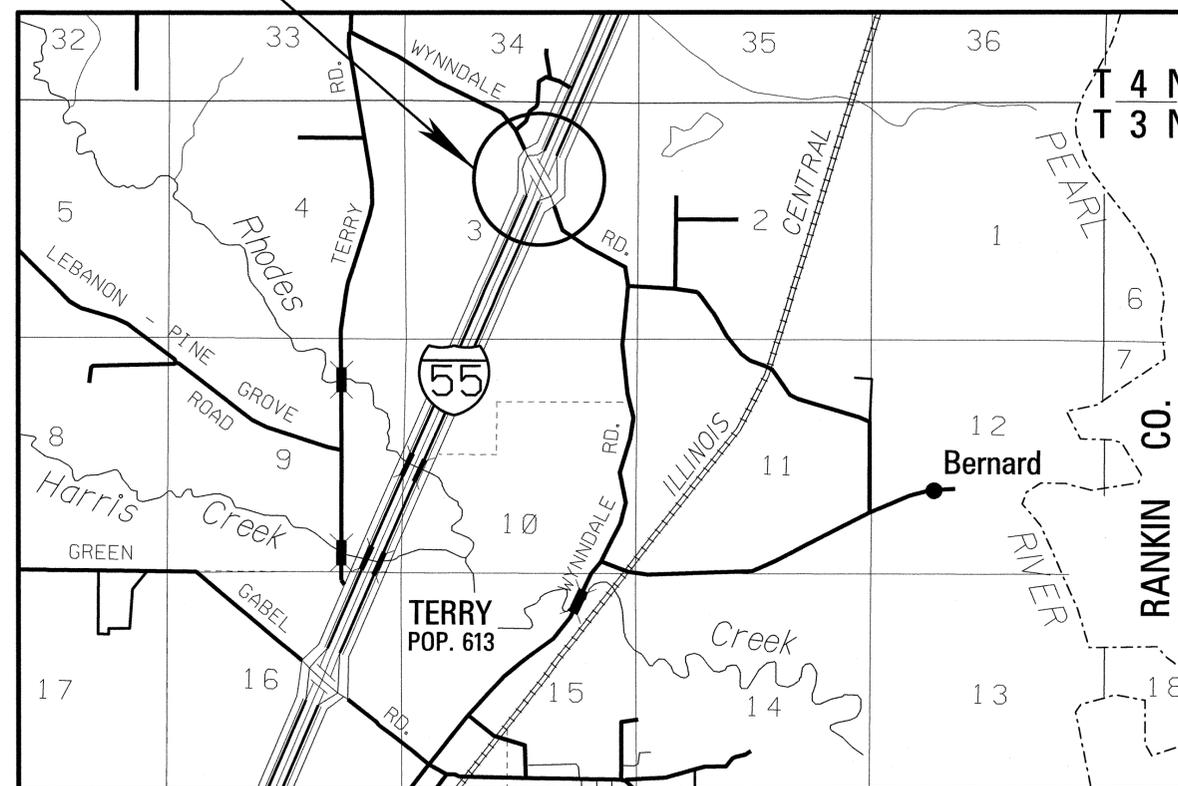
SCALES
PLAN 1 IN. = 100 FT.
PROFILE { HOR. 1 IN. = 100 FT.
VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 2000 FT.

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE



EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

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

CONVENTIONAL SYMBOLS

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

DESIGN CONTROL
MPH = V (SPEED DESIGN)

ADT () = : ADT () =
DHV = : D = % T = %

PERMITS ACQUIRED BY MDOT

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 MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 586)
S	REQUIRED, SONOT TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES/INTB 14)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: *JML* DATE: 2/13/2008

APPROVED:	<i>Sammy L. James</i>	2-5-08
CHIEF ENGINEER		DATE
APPROVED:	<i>[Signature]</i>	02-05-08
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

2/4/2008 2:07 PM TITLE.DGN

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	STANDARD DRAWINGS - ROADWAY SHEETS (CONTINUED)		
DETAILED INDEX & GENERAL NOTES (2)			BREAK-WAY SIGN SUPPORTS	SN-6A	230
DETAILED INDEX GENERAL NOTES	DI-1	2	BREAK-WAY SIGN SUPPORTS	SN-6B	231
	GN-1	3	SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL (EXTRUDED ALUMINUM PANELS)	03-01-02	SN-7
			TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	233
			TYPICAL INSTALLATION OF DELINEATORS	SN-8A	234
TYPICAL SECTION SHEETS (1)					
TYPICAL SECTIONS	TS-1	4			
QUANTITY SHEETS (4)			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
SUMMARY OF QUANTITIES	SQ-1	5	SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-9	258
SUMMARY OF QUANTITIES	SQ-2	6	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259
DRAINAGE STRUCTURES	EQ-1	7	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-01-99	TCP-11
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL	EQ-2	8	TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	TCP-15
PLAN & PROFILE SHEETS (1)			TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	272
B.O.P. TO STA. 586+00	3	9	MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT	MDS-1	290
			2. EXCAVATION AT GRADE POINTS	PF-1	291
			DETAILS OF PAVED FLUMES	PI-1	300
			PIPE CULVERT INSTALLATION	PC-1	301
			PIPE COLLAR - CONCRETE	JB-1	302
			JUNCTION BOX FOR PIPE CULVERT		
SPECIAL DESIGN SHEETS (9)			TYPE I MEDIAN INLET (29" - 51" PIPE)	MI-1A	307
DETAIL CONSTRUCTION SIGNING	DCS-1	10	DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	314
TRAFFIC CONTROL PLAN - INTERCHANGE RAMP CLOSURE - PHASE I & II	TC-1	10.1	PAVED INLET APRON AND MEDIAN DITCH PLUG	PA-1	318
LOCATION OF R16-3 SIGNS	LS-1	11	FLARED END SECTION FOR CONCRETE PIPE	FE-1	328
SPECIAL DESIGN SIGN - WYNNDALE ROAD DETOUR	SDS-1	12			
PAVEMENT MARKINGS - WYNNDALE ROAD	PMD-1	13			
VEGETATION SCHEDULE	VS-1	14			
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAY) (MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)	SDTCP-4	15	SPECIAL DESIGN SHEETS - BRIDGE (14)		366-379
DETAIL OF BRIDGE GUARD-RAIL CONNECTOR	BGRC-5	16	CROSS SECTIONS (8)		
DETAIL OF BRIDGE CUARD-RAIL CONNECTOR	BGRC-6	17	WYNNDALE ROAD		901-908
STANDARD DRAWINGS - ROADWAY SHEETS (34)			TOTAL SHEETS		74
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99	PM-1			
EROSION CONTROL		EC-1			
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)		TEC-1			
DETAILS OF DITCH TREATMENT		DT-1			
STANDARD DIRECTIONAL (GUIDE) SIGNS	03-01-02	SN-1			
ROUTE SHIELDS AND "TEXT ONLY" PANELS		SN-2			
STANDARD ROADSIDE SIGNS		SN-3			
STANDARD ROADSIDE SIGNS		SN-3A			
STANDARD ROADSIDE SIGNS	03-01-02	SN-3B			
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4			
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A			
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4B			
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGN		SN-5			
BREAK-WAY SIGN SUPPORTS		SN-6			

6/20/2008 10:33AM DI.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

McCOLLUM		
PS & E PLANS-DATE: 02/13/2008		
FMS CON. # 104630/301000		
REVISIONS		
DATE	SHEET NO.	BY
06/06/08	2,3,5,6,8,10,11,12,14,	
	16,17,366,367,368,	
	369,370,371	DMM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. BRO-0055-02(188)	
COUNTY : HINDS	
WORKING NUMBER	DI-1
FILENAME: di.dgn	SHEET NUMBER
DESIGN TEAM McCOLLUM	CHECKED DATE 2/16/07
	2

GENERAL NOTES

1. LIST OF PUBLIC UTILITIES
 - A. MS. ONE-CALL: 1-800-227-6477
2. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
3. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2003 EDITION AND ALL SUBSEQUENT REVISIONS).
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 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.
5. 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 A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE 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)
6. 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.
7. 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 THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
8. 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.
9. 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.
10. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. 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.
11. THIS PLAN DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE M.U.T.C.D. OTHER SIGNS AND TRAFFIC CONTROL DEVICES MAY BE REQUIRED DURING THE VARIOUS PHASES OF CONSTRUCTION.
12. EXISTING GUIDE, REGULATORY, AND WARNING SIGNS THAT CONFLICT WITH CONSTRUCTION TRAFFIC CONTROL SIGNAGE SHALL BE REMOVED DURING CONSTRUCTION AND REINSTALLED AFTER CONSTRUCTION, OR RELOCATED DURING CONSTRUCTION AS REQUIRED BY THE DRAWINGS OR AS DIRECTED BY THE ENGINEER, THE COST OF SAID SIGNAGE ADJUSTMENTS IS TO BY INCLUDED IN THE PRICE BID FOR ITEM 618-A MAINTENANCE OF TRAFFIC.
13. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" WIDTH. ALL PICKUP HOLES ARE TO BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).
14. WIRE FENCE WILL BE REQUIRED FOR ALL SILT FENCE.
15. PRIOR TO EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED. AFTER COMPLETION OF EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL SLOPES SHALL BE UNIFORMLY PLATED WITH THE STOCKPILED TOPSOIL. STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL FROM ROW WILL NOT BE MEASURED FOR PAY (NOT A SEPERATE PAY ITEM).
16. 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 UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR MUST COORDINATE THE LOCATION OF MDOT UNDERGROUND LINES (LIGHTING AND FIBER OPTIC) WITH THE WHITFIELD PROJECT OFFICE, TELEPHONE 601-354-6358.
- ▲ 17. EXISTING GUARDRAIL SHALL BE REMOVED AND RESET. COST TO BE ABSORBED IN OTHER BID ITEMS.
- ▲ 18. FLEAT-350, REGENT, SRT-350, ROSS-350 OR APPROVED FLARED EQUAL TO BE INSTALLED FOLLOWING MANUFACTURER'S RECOMMENDATION. THE PROJECT ENGINEER WILL PROVIDE A COPY OF THE MANUFACTURER'S INSTALLATION DETAILS TO THE CONTRACTOR. REFLECTIVE ADHESIVE SHEETING WITH ALTERNATING BLACK AND YELLOW STRIPES (SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION TRAFFIC IS TO PASS) IS REQUIRED ON THE END OF THE TERMINAL SECTION.
- ▲ 19. ET-2000, BEST, SKT-350 OR APPROVED NON-FLARED EQUAL TO BE INSTALLED FOLLOWING MANUFACTURER'S RECOMMENDATION. THE PROJECT ENGINEER WILL PROVIDE A COPY OF THE MANUFACTURER'S INSTALLATION DETAILS TO THE CONTRACTOR. REFLECTIVE ADHESIVE SHEETING WITH ALTERNATING BLACK AND YELLOW STRIPES (SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION TRAFFIC IS TO PASS) IS REQUIRED ON THE END OF THE TERMINAL SECTION.

07/20/2008 3:34M dt.dgn

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		PROJECT NO. BRO-0055-02(188)	
		COUNTY : HINDS	
		WORKING NUMBER GN-1	
		SHEET NUMBER 3	
		FILENAME: di.dgn	
		DESIGN TEAM: McCOLLUM CHECKED: DATE 2/16/07	