

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT NO. BRO-0055-02(189)N

① 11-15-07

I-55 AT PISGAH BOTTOM ROAD
BRIDGE RAISING
MADISON COUNTY

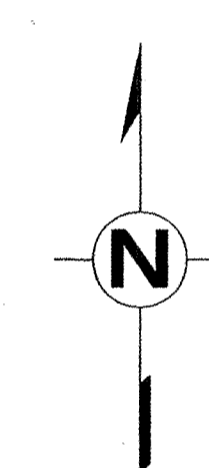
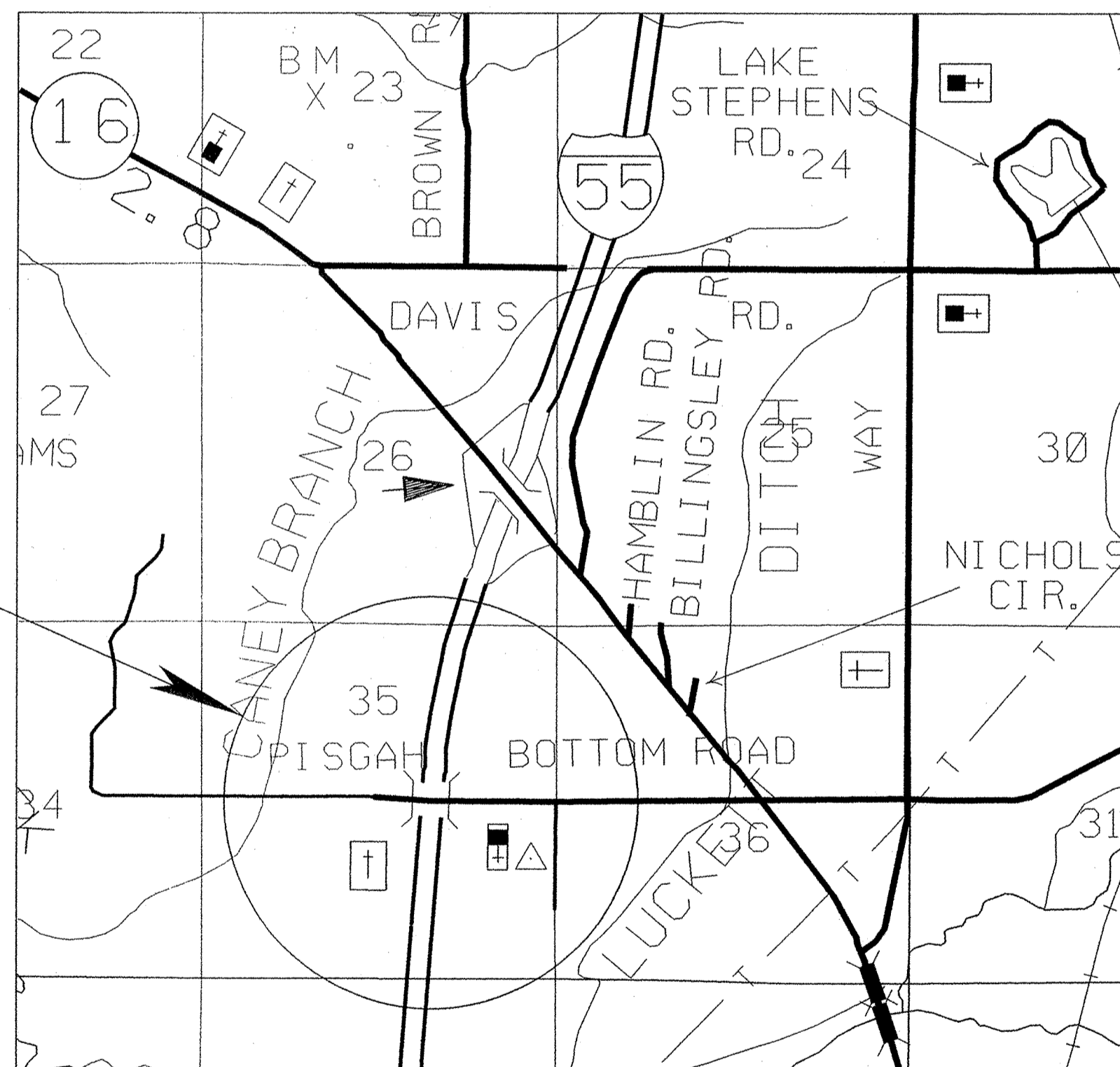
SCALES

PLAN 1 IN. = 100 FT.
PROFILE { HOR. 1 IN. = 100 FT.
VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 2,000 FT.

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE

WORK SITE



CONVENTIONAL SYMBOLS

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

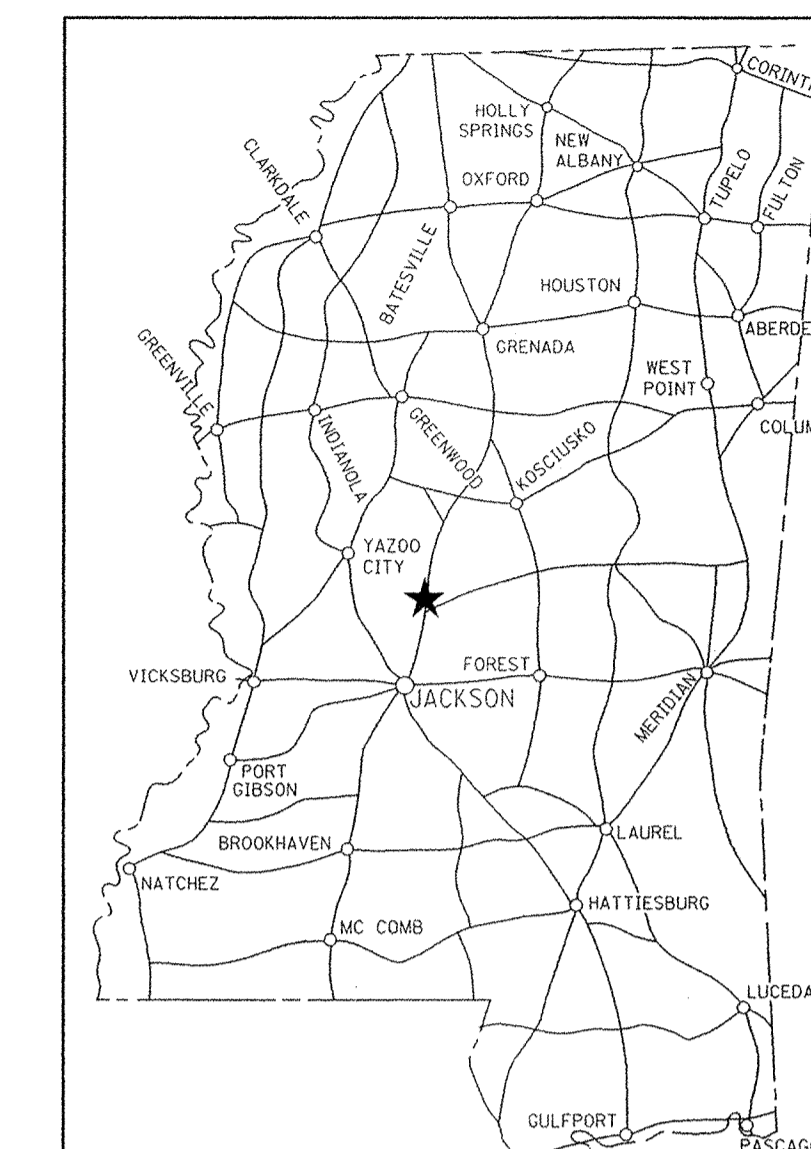
EQUATIONS
NONE

EXCEPTIONS
NONE

LENGTH DATA

LENGTH OF ROADWAY	857.75 FT.	0.162 MI.
LENGTH OF BRIDGES	292.25 FT.	0.055 MI.
LENGTH OF PROJECT (NET)		MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		0.217 MI.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BRO-0055-02(189)N	1



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.
LAT. 32 deg. 40 min. 10 sec
LONG. 90 deg. 03 min. 39 sec
(APPROX. MIDDLE OF PROJECT)

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 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 type="checkbox"/>		
Y	REQUIRED, CNR1 SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 6484)	
S	REQUIRED, SCNO10 TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 6483)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY:	C.K.P.	DATE: 11/14/07

APPROVED:	<i>Harry Lee James</i>	11-14-07
CHIEF ENGINEER		DATE
APPROVED:	<i>Donna R. Bunnell</i>	11-14-07
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

11/14/2007 3:39 PM TTITLE.DGN

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	PRESTRESSED CONCRETE BEAM SPAN LENGTH - 60 FT. ROADWAY - 24 FT. (FOR INFORMATION ONLY)		374
DETAILED INDEX & GENERAL NOTES (1)			PRESTRESSED CONCRETE BEAM LENGTH - 55 FT. (FOR INFORMATION ONLY)		375
DETAILED INDEX & GENERAL NOTES	DI-1	2	PRESTRESSED CONCRETE BEAM LENGTH - 60 FT. (FOR INFORMATION ONLY)		376
TYPICAL SECTION SHEETS (2)			TOTAL SHEETS (38)		
TYPICAL SECTIONS - PISGAH BOTTOM RD.	TYP-1	3			
MISCELLANEOUS TYPICAL SECTION DETAILS	TYP-2	4			
QUANTITY SHEETS (2)					
SUMMARY OF QUANTITIES	SQS-1	5			
SUMMARY OF QUANTITIES	SQS-2	6			
PLAN & PROFILE SHEETS (1)					
PISGAH BOTTOM ROAD - STA. 7+50 TO STA. 26+84	WK-3	7			
SPECIAL DESIGN SHEETS (8)					
DETAILS OF CONSTRUCTION SIGNING- INTERSTATE HWY 55	DCS-1	8			
DETAILS OF CONSTRUCTION SIGNING- PISGAH BOTTOM RD.	DCS-2	9			
TRAFFIC CONTROL PISGAH BOTTOM RD. BRIDGE RAISING PORTABLE TRAFFIC SIGNAL	TC-1	10			
TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	11			
GUARD RAIL BRIDGE END SECTIONS TYPE "A" MODIFIED TYPE "C" MODIFIED	GR-ACE	12			
DETAIL OF BRIDGE GUARD-RAIL CONNECTOR	BGRC-1	13			
BRIDGE GUARD-RAIL CONNECTOR	BGRC-2	14			
VEGETATION SCHEDULE	VS-1	15			
STANDARD DRAWINGS - ROADWAY SHEETS (12)					
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	(12-01-99) PM-1	120			
EROSION CONTROL	EC-1	140			
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)	TEC-1	142			
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES					
FOR 2-LANE, 2-WAY HIGHWAY	(12-01-99) GR-4A	195			
GUARD RAIL : MISCELLANEOUS HARDWARE	(03-01-02) GR-HW	202			
TYPICAL GUARD RAIL DELINEATION	(03-01-02) SN-8C	236			
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)	TCP-1	250			
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MIDIAN LANE OR OUTSIDE LANE CLOSURE (WORK DAY ONLY))	TCP-5	254			
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259			
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	(12-01-99) TCP-11	260			
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS	TCP-14	263			
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99) TCP-15	264			
BRIDGE DRAWINGS (11)					
BRIDGE MODIFICATION - UNDERPASS STA. 1071+66.00 (I-55 UNDER PISGAH BOTTOM ROAD)		366			
END BENT DETAILS (ALT.I) UNDERPASS AT STA. 1071+66.00		367			
END BENT DETAILS (ALT.II) UNDERPASS AT STA. 1071+66.00		368			
PEDESTAL AND BEARING DETAILS - UNDERPASS AT STA. 1071+66.00 (I-55 UNDER PISGAH BOTTOM ROAD)		369			
UNDERPASS AT STA. 1071+66 (FOR INFORMATION ONLY)		370			
UNDERPASS AT STA. 1071+66 INT. BENT DETAILS (FOR INFORMATION ONLY)		371			
CONCRETE PILE END BENT FOR USE WITH 55 FT. AND 60 FT. PRESTRESSED CONCRETE BEAM SPANS 24 FT. ROADWAY (FOR INFORMATION ONLY)		372			
PRESTRESSED CONCRETE BEAM SPAN LENGTH - 55 FT. ROADWAY - 24 FT. (FOR INFORMATION ONLY)		373			

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) 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 THESE AREAS AND THE DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPAUSE 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.
- (3) 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.
- (4) SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
- (5) TRAFFIC ON PISGAH BOTTOM ROAD SHALL BE CONTROLLED USING TEMPORARY TRAFFIC SIGNALS AS SHOWN ON WK. SH. NO. TC-1. THESE ITEMS SHALL BE APPROVED BY THE ENGINEER AND MUST OPERATE 24 HOURS PER DAY DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE TEMPORARY TRAFFIC SIGNALS WILL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.

PS & E PLANS-DATE 11-15-07		
FMS CON. # 104628-301000		
REVISIONS		
DATE	SHEET NO.	BY
12-27-07	1,3,4,5,6,7	JJM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
AND GENERAL NOTES			
PROJECT NO. BR0-0055-02(189)N			WORKING NUMBER
COUNTY : MADISON			DI-1
DATE	FILENAME: index.dgn	SHEET NUMBER	
DESIGN TEAM	MOREA	CHECKED	DATE
			2

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