

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

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CROSS-SECTIONS	
<b>TOTAL SHEETS</b>	<b>174</b>

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

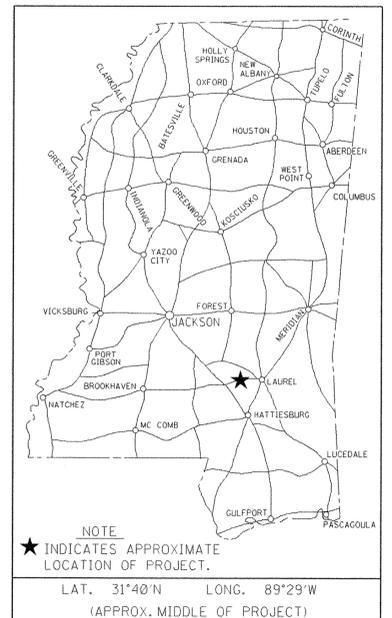
**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0015-02(053)**

FMS NO.: 100885/301000

U.S. HIGHWAY 84 AT STATION CREEK & OAKEY WOODS CREEK COVINGTON COUNTY

①05-15-07

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-0015-02(053)	1



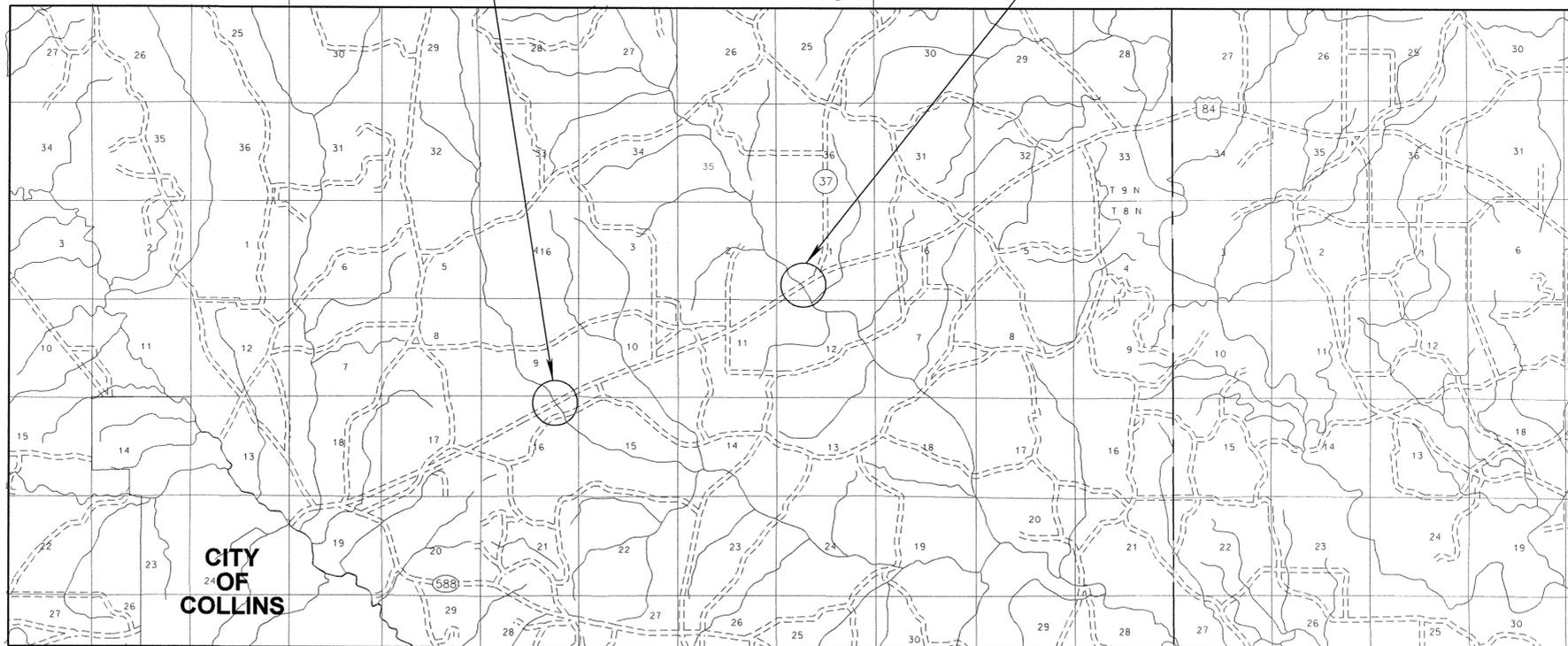
BRIDGE # 125.8 A  
WORK SITE

**RATIOS / SCALES**  
**PLAN** 1:1000  
**PROFILE** { HOR. 1:1000  
 VERT. 1:100  
**LAYOUT** 1:50 000

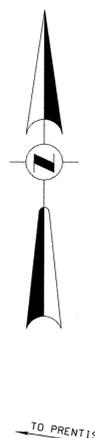
BRIDGE # 128.6 A  
WORK SITE

**BRIDGE STRUCTURES REQ'D.**

- STA. 26+350.600 TO STA. 26+392.600  
1 @ 12 m; 1 @ 18 m; 1 @ 12 m BRIDGE REQ'D.
- STA. 30+844.000 TO STA. 30+904.000  
5 @ 12 m BRIDGE REQ'D.



**BOX BRIDGES REQ'D.**



**CONVENTIONAL SYMBOLS**

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

**EQUATIONS**

**EXCEPTIONS**

**DESIGN CONTROL**

110 km/h = V (SPEED DESIGN)

ADT (2008) = 6400 : ADT (2028) = 10000

DHV = 1100 : D = 50 % T = 21 %

**PERMITS ACQUIRED BY MDT**

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

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

Y REQUIRED, CNOI SUBMITTED BY MDT (DISTRIBUTED AREA = 5 ACRES + INTB 840M)

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (I TO 4.99 ACRES/INTB 839M)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: CLKP DATE: 5/14/07



APPROVED:	BY: <i>Larry Lee James</i>	DATE: 5-14-07
CHIEF ENGINEER		
APPROVED:	BY: <i>Samuel R. Dunsen</i>	DATE: 5-14-07
EXECUTIVE DIRECTOR		
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:	DATE: _____	
DIVISION ADMINISTRATOR	DATE: _____	
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

ROADWAY DESIGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION LAYOUT SHEET

1st O. REV.

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (3)		
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DETAILED INDEX	DI-2	3
DETAILED INDEX (BRIDGE)	DI-3	4
TYPICAL SECTIONS (5)		
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STATE ROUTE 37 PAVING DETAILS	TS-2	6
OVERLAY AND TEMPORARY WIDENING	TS-3	7
	TS-4	8
	TS-5	9
QUANTITY SHEETS (8)		
SUMMARY OF QUANTITIES	SQ-1	10
SUMMARY OF QUANTITIES	SQ-2	11
SUMMARY OF QUANTITIES	SQ-3	12
SUMMARY OF QUANTITIES (BRIDGE ITEMS)	SQ-4	13
ESTIMATED QUANTITIES	EQ-1	14
ESTIMATED QUANTITIES (BRIDGE ITEMS)	EQ-2	15
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES	SRS-1	16
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	TCP-Q	17
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STA. 5+925 TO STA. 6+225-TEMPORARY CONNECTION	3-A	19
STA. 26+300 TO STA. 27+100	4	20
STA. 6+675 TO STA. 6+975-TEMPORARY CONNECTION	4-A	21
STA. 30+300 TO STA. 31+100	5	22
STA. 0+300 TO STA. 0+600-TEMPORARY CONNECTION	5-A	23
STA. 31+100 TO STA. 31+900	6	24
STATE ROUTE 37	6-A	25
STA. 1+300 TO STA. 1+600-TEMPORARY CONNECTION	6-B	26
TEMPORARY RUN AROUND - STATE ROUTE 37	6-C	27
SPECIAL DESIGN SHEETS (32)		
CONSTRUCTION SIGNING (BR. NO. 125.8 A - WORK SITE)	CS-1	28
CONSTRUCTION SIGNING (BR. NO. 128.6 A - WORK SITE)	CS-2	29
TRAFFIC CONTROL PLAN - CONNECTIONS @ BR. NO. 125.8 A SITE	TCP-C1	30
TRAFFIC CONTROL PLAN - CONNECTIONS @ BR. NO. 128.6 A SITE	TCP-C2	31
TRAFFIC CONTROL PLAN - LOCAL ROAD @ STA. 31+147.412	TCP-L1	32
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DETAIL OF ISLAND PAVING @ STA. 31+147.412	IP-1	43
FORM GRADES FOR LOCAL ROAD @ 31+147.412	FG-1	44
PAVEMENT MARKING DETAIL @ 31+147.412	PMD-1	45
RIGHT OF WAY MARKER	RW-1	46
TYPE "D" SILT BASIN	SB-1	47
GUARDRAIL: BRIDGE END SECTION, TYPE "I" (WOOD POSTS)	GR-2F	48
GUARDRAIL: BRIDGE END SECTION, TYPE "I" (STEEL POSTS)	GR-2G	49
GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	50
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TRAFFIC CONTROL DETAILS: FOR INTERSECTIONS ON PARALLEL CONSTRUCTION	TCD-2	52
LOCATION OF R16-3 SIGNS	TCD-3	53
RUMBLE STRIPE FOR 4 LANE HIGHWAYS	RS-4L	54

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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Permanent Signing Plan- Bridge No. 125.8 Work Site		PSP-1	56
Permanent Signing Plan-Bridge No. 128.6 Work Site		PSP-2	57
Permanent Signing Plan-Intersection of U.S. 84 and State Route 37		PSP-3	58
Vegetation Schedule		VS-1	59
STANDARD DRAWING - ROADWAY (29)			
Bridge End Pavement		BE-1	107
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
Details of Ditch Treatment		DT-1	145
Guard Rail: "W" Beam (Wood Posts)		GR-1	180
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Guard Rail: Typical Installation at Bridge Approaches for Divided Highways	(12-01-99)	GR-4	194
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Standard Roadside Signs		SN-3	222
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Standard Roadside Sign Assembly And Installation		SN-4A	226
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Typical Installation And Details Of Delineators And Distance Reference Signs		SN-8	233
Typical Crossover Delineation	(12-01-99)	SN-8B	235
Typical Guardrail Delineation		SN-8C	236
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) (Extended Period)		TCP-4	253
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
Highway Sign and Barricade Details for Construction Projects		TCP-10	259
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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
NEW ORLEANS, LOUISIANA

PS & E PLANS-DATE: 5-15-07		
FMS CON. # 100885/301000		
REVISIONS		
DATE	SHEET NO.	BY
10-23-07	6, 9, 10, 12	GSW

124	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
<b>HIGHWAY 84</b>	
<b>PROJ. NO.: BR-0015-02(053)</b>	
<b>COVINGTON COUNTY</b>	
WORKING NUMBER DI-1	SHEET NUMBER 2
DATE	FILENAME: DI-1.DGN
DESIGN TEAM	SD&W
CHECKED	DATE: 2-6-07



DESCRIPTION OF SHEET

WKG. NO.

SH. NO.

GENERAL NOTES

STANDARD DRAWING - ROADWAY (CONTINUED)

Rural Driveways  
 Typical Grading Transition Between Cuts & Fills  
 Sight Flares  
 Superelevation Transition - Case I (2% Normal Subgrade)  
 Superelevation Transition - Case I (3% Normal Subgrade)

(12-01-99)

RD-1 271  
 GT-1 272  
 SF-1 273  
 SE-2A 276  
 SE-2B 277  
 287

Miscellaneous Detail Sheet 1, Stacked Pipe Joint 2  
 Excavation at Grade Points

MDS-1 290  
 PF-1 291  
 PI-1 300  
 PC-1 301  
 MI-2 309

Details of Paved Flumes  
 Pipe Culvert Installation  
 Pipe Collar-Concrete  
 Type II Median Inlet (1300-mm & Under)  
 Details of Grates for Median Inlets  
 Details of Grates for Gutter Inlets  
 Gutter Inlet for Type 2 Curb (Storm Sewer Along Road)  
 Paved Inlet Apron and Median Ditch Plug  
 Flared End Section for Concrete Pipe

IG-1 314  
 IG-2 315  
 GI-1A 317  
 PA-1 318  
 FE-1 328

SPECIAL DESIGN SHEETS - BRIDGE (32)

CROSS SECTIONS (54)

Main Line  
 Highway 37

901-950  
 951-954

TOTAL SHEETS

174

- 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 IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT OFFICE AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
- ALL PIPE JOINTS ARE TO BE WRAPPED WITH 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)
- FOR LIST OF UTILITIES SEE WK. NO. 3
- ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION)
- FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- GEOTEXTILE FABRIC ON EDGE DRAINS SHALL BE TYPE V.
- THE ENDS OF EXISTING PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH CONCRETE (NOT A SEPARATE PAY ITEM)
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING DRAINAGE STRUCTURES FROM DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR OR REPLACE, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT SHALL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

- 35% SHRINKAGE FACTOR USED IN EARTHWORK CALCULATION IS FOR ESTIMATING PURPOSES ONLY.
- PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED

METRIC PLAN  
ROADWAY DESIGN DIVISION, CARLOAD SECTION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
<b>U.S. HIGHWAY 84</b>	
<b>PROJ. NO.: BR-0015-02(053)</b>	
<b>COVINGTON COUNTY</b>	
DATE	FILENAME: DI-2-DGN
DESIGN TEAM	CHECKED DATE 11-13-00
REVISION	WORKING NUMBER DI-2
BY	SHEET NUMBER 3



DESCRIPTION OF SHEETS  
SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS

WORKING NUMBER SHEET NUMBER

**BRIDGE AT STA. 26+350.355**

U.S. HWY. 84 ACROSS STATION CREEK.....	A1 OF 16	466
U.S. HWY. 84 ACROSS STATION CREEK.....	A2 OF 16	467
GENERALIZED SOIL PROFILE.....	A3 OF 16	468
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END BENT NO. 4 DETAILS.....	A5 OF 16	470
END BENT DETAILS.....	A6 OF 16	471
INT. BENT NO. 2 DETAILS.....	A7 OF 16	472
INT. BENT NO. 3 DETAILS.....	A8 OF 16	473
12 m END SPAN DETAILS.....	A9 OF 16	474
18 m INT. SPAN DETAILS.....	A10 OF 16	475
SPAN DETAILS.....	A11 OF 16	476
SPAN DETAILS.....	A12 OF 16	477
MISC. SPAN DETAILS.....	A13 OF 16	478
RAILING DETAILS.....	A14 OF 16	479
12 m BEAM DETAILS (TYPE I+50).....	A15 OF 16	480
18 m BEAM DETAILS (TYPE II+50).....	A16 OF 16	481

**BRIDGE AT STA. 30+843.755**

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END BENT NO. 1 DETAILS.....	B4 OF 16	485
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12 m INT. SPAN DETAILS.....	B10 OF 16	491
12 m END SPAN DETAILS.....	B11 OF 16	492
SPAN DETAILS.....	B12 OF 16	493
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BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT 100855/301000 BR-0015-02(053)	
COVINGTON	COUNTY
DESIGNED: QXB	DETAILED: QXB
CHECKED: TKB	ISSUED: MKC
TRACED: CADD	DATE: _____
WORKING NUMBER <b>DI-3</b>	SHEET NUMBER <b>4</b>