

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NH-0015-03(008)NPH3	1

**STATE OF MISSISSIPPI**  
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY**  
**FEDERAL AID PROJECT NO. NH-0015-03(008)NPH3**

①08-13-08

**U.S. 84 WAYNESBORO  
 TO THE ALABAMA LINE  
 WAYNE COUNTY**

**FMS NO. 102668/302000**

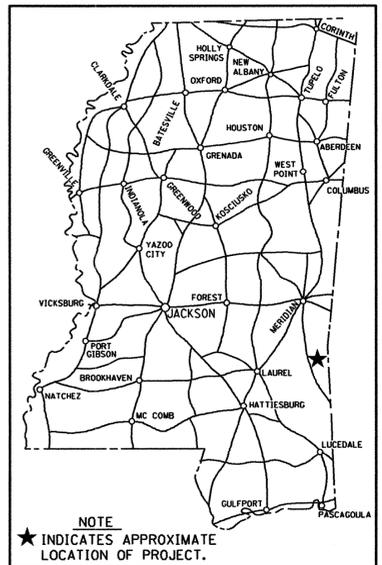
**RATIOS / SCALES**  
**PLAN 1:1000**  
**PROFILE { HOR. 1:1000**  
**{ VERT. 1:100**  
**LAYOUT 1:40000**

**BEGIN CONST. STA. 33 + 900.00**

**B.O.P. STA. 34 + 148.926**

**END CONST. STA. 49 + 875.000**

**E.O.P. STA. 50 + 409.945**



**DESIGN CONTROL**

110 km/h = V (SPEED DESIGN)

ADT (2008) = 2700 : ADT (2028) = 3700

DHV = 370 : D = 55 % T = 34 %

**PERMITS ACQUIRED BY MDT**

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

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

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

**STORMWATER PERMIT**  Y

Y REQUIRED CNOI SUBMITTED BY MDT (DISTRIBUTED AREA = 5 ACRES + INTD 586)

S REQUIRED SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 14)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

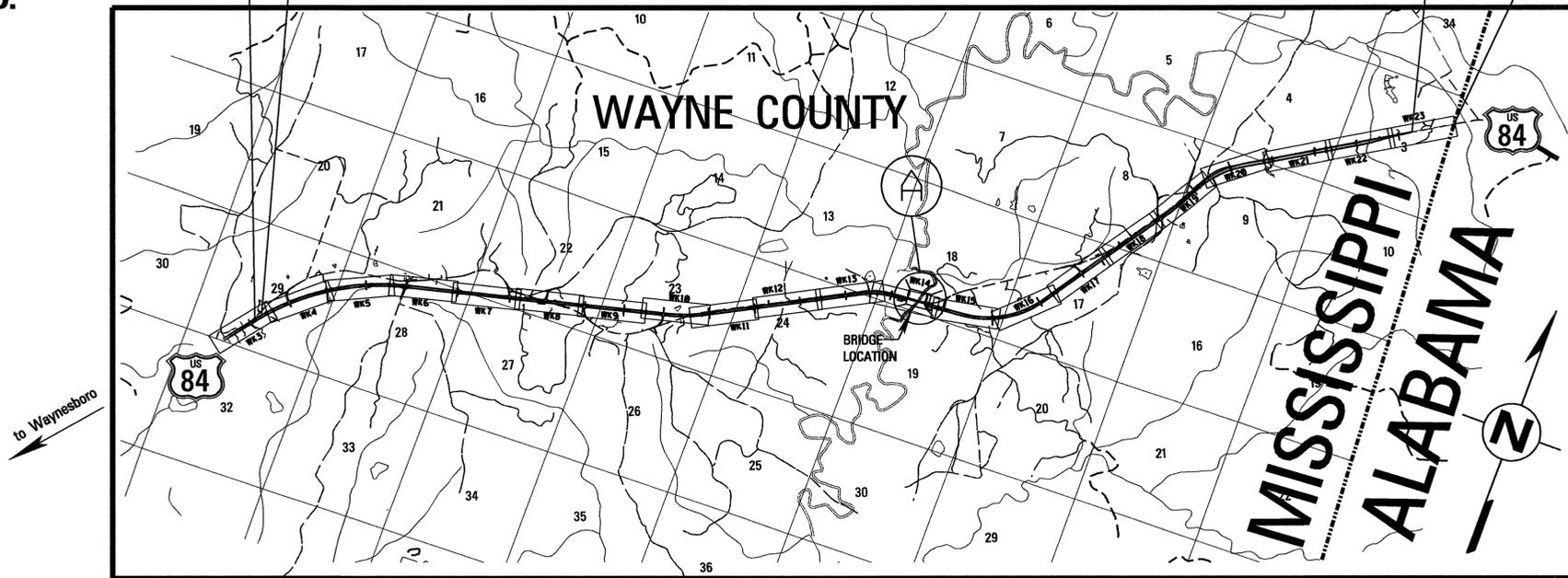
APPROVED BY: ATM DATE: 8/12/08

ROADWAY DESIGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION LAYOUT SHEET

**BRIDGE STRUCTURES REQ'D.**

- Ⓐ TWIN HYDRAULIC BRIDGES REQ'D
- BRIDGE NO. 189.1
- STA. 47 + 834.855 LT LANE
- 3@24, 3@38, 2@24 SPANS
- LENGTH = 234.690 m

**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**

STA. 40 + 046.845 BK = STA. 40 + 220.789 AH -173.944

**EXCEPTIONS**

NONE

**LENGTH DATA**

LENGTH OF ROADWAY	15 852.389 m
LENGTH OF BRIDGES	234.690 m
LENGTH OF PROJECT (NET)	16 087.079 m
LENGTH OF EXCEPTIONS	NONE m
LENGTH OF PROJECT (GROSS)	16 087.079 m

(a) NOTE: THIS PROJECT IS DECLARED BY THE STATE HIGHWAY COMMISSION TO BE A "CONTROLLED ACCESS FACILITY" WITHIN THE MEANING OF SENATE BILL NO. 1819, MISSISSIPPI LAWS OF 1956, AND IS SUBJECT TO ALL RESTRICTIONS AS SHOWN BY ORDER OF SAID COMMISSION DATE 2-9-1999, MINUTE BOOK 6 PAGE NOS. 1610 AND 1611.

(b) NOTE: ACCESS TO AND FROM THIS HIGHWAY WILL BE PERMITTED ONLY AS SHOWN ON PLANS. TYPE 2B CONTROLLED ACCESS FROM STATION 34+135 TO STATION 39+700 AND FROM STATION 43+050 TO STATION 45+500.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

APPROVED: *Walter M. Butler* 8/12/08  
 CHIEF ENGINEER DATE

APPROVED: *Ram R. Brown* 8/13/08  
 EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
 DIVISION ADMINISTRATOR

FEDERAL HIGHWAY ADMINISTRATION  
 DEPARTMENT OF TRANSPORTATION

2008.06.11 09:53:47 TLL-84-SCD.DGN

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)			1
DETAILED INDEX & GENERAL NOTES (5)			
DETAILED INDEX	DI-1		2
DETAILED INDEX	DI-2		3
DETAILED INDEX	DI-3		3.1
DETAILED INDEX (BRIDGE)	DI-BR		4
GENERAL NOTES	GN-1		5
TYPICAL SECTION SHEETS (8)			
TYPICAL SECTION - 27 m CENTERLINE TO CENTERLINE	TS-1		6
TYPICAL SECTION - 27 m CENTERLINE TO CENTERLINE	TS-2		7
TYPICAL SECTION - 38.1 m CENTERLINE, AND 27 m TO 38.1 m TRANSITION	TS-3		8
OMITTED			
TYPICAL SECTION - 1 m UNDERCUT (HVC SOILS)	TS-5		10
TYPICAL SECTION - LOCAL ROAD RELOCATIONS	TS-6		11
TYPICAL SECTION - DETOUR ROADS	TS-7		12
TYPICAL SECTION - Crossover 38 m CENTERLINE	TS-8		13
TYPICAL SECTION - Crossover 27 m CENTERLINE	TS-9		14
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SUMMARY OF QUANTITIES	SQ-1		15
SUMMARY OF QUANTITIES	SQ-2		16
SUMMARY OF QUANTITIES	SQ-3		17
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STANDARD ROADSIDE SIGN QUANTITIES	SRS-1B		22
STANDARD ROADSIDE SIGN QUANTITIES	SRS-2		23
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ESTIMATED QUANTITIES	EQ-3		26
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ESTIMATED QUANTITIES	EQ-5		28
ESTIMATED BRIDGE QUANTITIES	EQ-BR		29
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B.O.P. TO STA. 34+500	3 LT		30
B.O.P. TO STA. 34+500	3 RT		31
LOCAL ROAD AT STA. 34+220	3 A		32
TEMP CONN AT BOP TO EXISTING US-84	3 B		32.1
STA. 34+500 TO STA. 35+300	4 LT		33
STA. 34+500 TO STA. 35+300	4 RT		34
LOCAL ROAD AT STA. 34+775 (US-84 CONNECTOR)	4 A		35
LOCAL ROAD AT STA. 9+800 ON US-84 CONNECTOR	4 B		36
STA. 35+300 TO STA. 36+100	5 LT		37
STA. 35+300 TO STA. 36+100	5 RT		38
STA. 36+100 TO STA. 36+900	6 LT		39
STA. 36+100 TO STA. 36+900	6 RT		40
LOCAL ROAD AT STA. 36+277.754 (HOLLY BUSH ROAD)	6 A		41
STA. 36+900 TO STA. 37+700	7 LT		42
STA. 36+900 TO STA. 37+700	7 RT		43
LOCAL ROAD AT STA. 37+600 (US-84 CONNECTOR)	7 A		44
LOCAL ROAD AT STA. 9+925 (ST PAUL ROAD)	7 B		45
STA. 37+700 TO STA. 38+500	8 LT		46
STA. 37+700 TO STA. 38+500	8 RT		47
LOCAL ROAD AT STA. 38+050 (TOKIO ROAD)	8 A		48
TEMP CONN STA. 37+865.280 (SHEET 1 OF 2)	8 B		49
TEMP CONN STA. 37+865.280 (SHEET 2 OF 2)	8 C		50
STA. 38+500 TO STA. 39+300	9 LT		51
STA. 38+500 TO STA. 39+300	9 RT		52
LOCAL ROAD AT STA. 38+550 (US-84 CONNECTOR)	9 A		53
STA. 39+300 TO STA. 40+100	10 LT		54
STA. 39+300 TO STA. 40+100	10 RT		55
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TEMP CONN TO EXISTING US-84 (SHEET 2 OF 2)	10 C		58
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STA. 40+900 TO STA. 41+700	12 LT		61
STA. 40+900 TO STA. 41+700	12 RT		62

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

STA. 41+700 TO STA. 42+400		13 LT	63
STA. 41+700 TO STA. 42+400		13 RT	64
STA. 42+400 TO STA. 43+200		14 LT	65
STA. 42+400 TO STA. 43+200		14 RT	66
STA. 43+200 TO STA. 44+000		15 LT	67
STA. 43+200 TO STA. 44+000		15 RT	68
LOCAL ROAD AT STA. 43+300 (US-84 CONNECTOR)		15 A	69
STA. 44+000 TO STA. 44+800		16 LT	70
STA. 44+000 TO STA. 44+800		16 RT	71
STA. 44+800 TO STA. 45+600		17 LT	72
STA. 44+800 TO STA. 45+600		17 RT	73
LOCAL ROAD AT STA. 45+225 (US-84 CONNECTOR)		17 A	74
STA. 45+600 TO STA. 46+400		18 LT	75
STA. 45+600 TO STA. 46+400		18 RT	76
STA. 46+400 TO STA. 47+200		19 LT	77
STA. 46+400 TO STA. 47+200		19 RT	78
LOCAL ROAD AT STA. 46+450 (BIG ROCK ROAD)		19 A	79
LOCAL ROAD AT STA. 46+450 (GRETNA DRIVE)		19 B	80
STA. 47+200 TO STA. 48+000		20 LT	81
STA. 47+200 TO STA. 48+000		20 RT	82
STA. 48+000 TO STA. 48+800		21 LT	83
STA. 48+000 TO STA. 48+800		21 RT	84
STA. 48+800 TO STA. 49+600		22 LT	85
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INTERSECTION DETAILS AT STA. 37+600 (HWY. 84 CONNECTOR)		ID-4	94.3
INTERSECTION DETAILS AT STA. 38+050 (TOKIO ROAD)		ID-5	95
INTERSECTION DETAILS AT STA. 38+550 (HWY. 84 CONNECTOR)		ID-6	95.1
INTERSECTION DETAILS AT STA. 39+550 (HWY. 84 CONNECTOR)		ID-7	95.2
INTERSECTION DETAILS AT STA. 43+300 (EXISTING U.S. HWY. 84)		ID-8	96
INTERSECTION DETAILS AT STA. 45+225 (HWY. 84 CONNECTOR)		ID-9	96.1
INTERSECTION DETAILS AT STA. 46+450 (GRETNA ROAD)		ID-10	96.2
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PAVEMENT MARKINGS AT STA. 34+220 (ROBIE LANE)		PMD-1	97
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PAVEMENT MARKINGS AT STA. 36+277.754 (HOLLY BUSH ROAD)		PMD-3	99
PAVEMENT MARKINGS AT STA. 37+600 (HWY. 84 CONNECTOR)		PMD-4	99.1
PAVEMENT MARKINGS AT STA. 38+050 (TOKIO ROAD)		PMD-5	100

METRIC PLAN  
ROADWAY DESIGN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SOLID CIVIL DESIGN		
PS & E PLANS-DATE 8/12/2008		
FMS CON. # 102668/302000		
REVISIONS		
DATE	SHEET NO.	BY
8/22/08	19	ATM

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		<p style="text-align: center;"><b>DETAILED INDEX</b></p> <p>PROJ. NO. NH-0015-03(008)NPH3 WAYNE COUNTY</p>	
DATE			
DESIGN TEAM	CHECKED	DATE	 WORKING NUMBER DI-1 SHEET NUMBER 2



**DESCRIPTION OF SHEET**

**WKG. NO. SH. NO.**

TYPE II MEDIAN INLET (51" & UNDER)	MI-2	309
MEDIAN INLET (FLUSH WITH FORESLOPE)	MI-4	312
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DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	314
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	M-IBJL-1	366.1
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP II DIAGRAMS		
	M-IBJL-1	366.2
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP III DIAGRAMS		
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COLLAR DETAILS FOR BOX STRUCTURES		
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CULVERT DRAWING - EXTENSIONS DETAILS FOR LENGTHENING EXISTING BOX CULVERTS		
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BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 2400 mm - SPANS - 2400 - 6000 mm		
	M-IBS-2400-2W	371.1
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 2400 mm - SPANS - 2400 - 6000 mm		
	M-IBS-2400-2W	371.2
WINGS WITH 1:3 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 1800-3600 mm - SPANS 1800-7200 mm		
	M-IWS-3	374
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	M-IWS-3	375.1
WINGS WITH 1:3 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 1800-3600 mm - SPANS 1800-7200 mm		
	M-IWS-3	375.2
BOX CULVERT DRAWING - IBS CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 1:3 SLOPE		
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STA. 37+850 TO STA. 38+325		959 - 967
OMITTED		968 - 990
STA. 39+725 TO STA. 43+175		991 - 1055
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STA. 45+675 TO STA. 48+875		1104 - 1172
LOCAL ROAD @ STA. 34+220		1173
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OMITTED		1176
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LOCAL ROAD @ STA. 36+277 (HOLLY BUSH ROAD)		1178 - 1179
LOCAL ROAD @ STA. 37+600 (US-84 CONNECTOR)		1180 - 1181
LOCAL ROAD @ STA. 37+600a (TIE TO US-84 CONNECTOR)		1182 - 1183
LOCAL ROAD @ STA. 38+050 (TOKIO ROAD)		1184 - 1187
LOCAL ROAD @ STA. 38+550 (US-84 CONNECTOR)		1188 - 1190
LOCAL ROAD @ STA. 39+550 (US-84 CONNECTOR)		1191 - 1193
LOCAL ROAD @ STA. 43+300 (US-84 CONNECTOR)		1194 - 1197
LOCAL ROAD @ STA. 45+225 (US-84 CONNECTOR)		1198 - 1201
LOCAL ROAD @ STA. 46+450 (GRETNA ROAD AND BIG ROCK ROAD)		1202 - 1213
	<b>TOTAL SHEETS</b>	<b>438</b>

METRIC PLAN AND CROSS SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
	
<b>PROJ. NO. NH-0015-03(008)NPH3</b> <b>WAYNE COUNTY</b>	
WORKING NUMBER <b>DI-3</b>	SHEET NUMBER <b>3.1</b>
FILENAME: _____ DESIGN TEAM _____ CHECKED _____ DATE _____	

**BRIDGE "A" - U.S. HWY. 84 ACROSS  
BUCKATUNNA CREEK**

**WORKING  
NUMBER**      **SHEET  
NUMBER**

GENERAL NOTES AND ESTIMATED QUANTITIES	A1 OF 34	466
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BRIDGE DIVISION		
DATE	SHEET NO.	BY



STRUCTURE KEY:		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		DETAILED INDEX (BRIDGE)	
		PROJECT NO. WAYNE	102668/302000 NH-0015-03(008)PH3 COUNTY
		MICHAEL BAKER, JR., INC. - CONSULTING ENGINEERS Jackson, Mississippi	WORKING NUMBER DI-3
DESIGNED	JSS	DATE	AUG. 1999
CHECKED	ECW	ISSUED	DATE
			SHEET NUMBER 4

