FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP-0040-01(021)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. HSIP-0040-01(021)

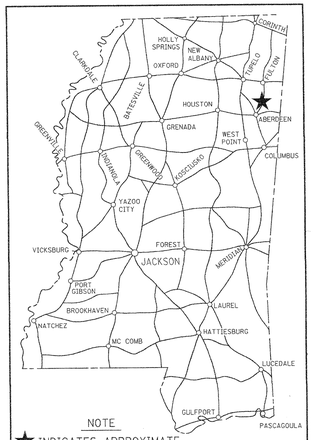
FMS CON 101635 301000

GRADE, DRAIN, BRIDGE, AND INCIDENTAL PAVING
SR 25 RELOCATION FROM 2.5 MI. SOUTH OF BECKER TO EXISTING US 278 IN AMORY
MONROE COUNTY

MDOT EAST ZONE

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 5000 FT.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 40°14'02" LONG. 89°31'18"
(APPROX. MIDDLE OF PROJECT)

BRIDGE STRUCTURES REQUIRED

(H) STA. 510+91.82 LT. LANE
STA. 510+92.98 RT. LANE (FUTURE)
RELOC. HWY 25 OVER HARMONY ROAD
SINGLE BRIDGE REQUIRED
SPANS : 1 @60', 1 @90', 1 @60'
SPANS : 1 @60', 1 @90', 1 @60'
SKEW = 0°
TOTAL LENGTH ALONG ℄ = 212.25'

(I) STA. 549+69.21 LT. LANE
STA. 549+81.21 RT. LANE (FUTURE)
RELOC. HWY 25 OVER WEAVER CREEK
TWIN BRIDGES REQUIRED
SPANS (LT. LANE) : 2 @40', 1 @80', 25 @40' LT. LANE
SPANS (RT. LANE) : 3 @40', 1 @80', 24 @40' RT LANE
SKEW = 0°
TOTAL LENGTH ALONG ℄ = 1161.58'

(J) STA. 610+40.90 LT. LANE
STA. 610+59.61 RT. LANE (FUTURE)
RELOC. HWY 25 OVER COTTON GIN PORT ROAD
TWIN BRIDGES REQUIRED
SPANS : 1 @85', 1 @95', 1 @85'
SPANS : 1 @85', 1 @95', 1 @85'
SKEW = 14°44'58.92" RT. FWD.
TOTAL LENGTH ALONG ℄ = 267.33'

(K) STA. 625+74.65 LT. LANE
STA. 625+36.23 RT. LANE (FUTURE)
RELOC. HWY 25 OVER BNSF R.R. & RELOC. RITTER RD.
TWIN BRIDGES REQUIRED
SPANS : 1 @122', 1 @122', 1@106, 1@106'
SPANS : 1 @122', 1@122', 1@106, 1 @106
SKEW = 20°53'57.48" LT. FWD.
TOTAL LENGTH ALONG ℄ = 458.25'

BOX BRIDGES REQUIRED

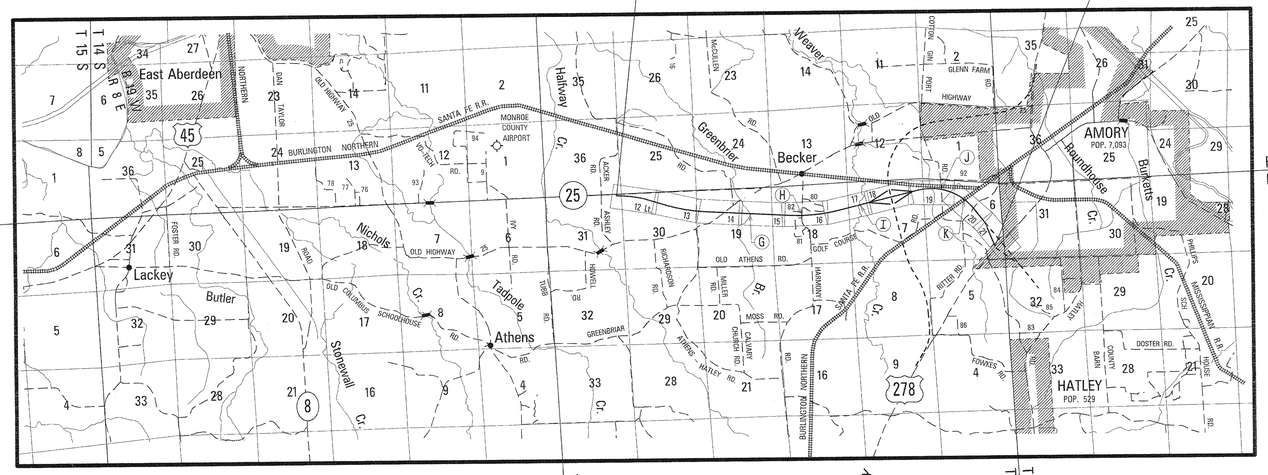
(G) STA. 475+00
HWY 25 OVER GREENBRIAR BRANCH
DBL. 18' X 10' BOX BRIDGE REQUIRED
SKEW = 0°
TOTAL LENGTH ALONG ℄ = 38.87'

BOP 393+00

EOP 669+57.67 S.E. RAMP

TO OKOLONA 16 mi.

R 19 W
R 18 W



TO GREENWOOD SPRINGS

T 13 S
T 14 S

TO QUINCY 9 mi.

T 12 S
T 13 S

EQUATIONS

NONE

EXCEPTIONS

NONE

DESIGN CONTROL

65 & 70 MPH = V (SPEED DESIGN)

ADT (5,600) = 2008 : ADT (10,000) = 2028

DHV = 1,000 : D = 55 % T = 26 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	Y	Y
INDIVIDUAL (404)*	N	N

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

STORMWATER PERMIT [Y]

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES +)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: [signature] DATE: 5/16/12

ACCESS CONTROL

NOTES:

1. Access to and exit from this highway will be permitted only through interchange or such other points as may be established by public authority and as shown on the plans.
2. This note applies to the following station limits: Sta. 400+00 to Sta. 494+70 Is declared by the Transportation Commission to be a Type 2B Controlled Access Facility as defined in and subject to all restrictions shown by order of said Commission. Sta. 494+70 to Sta. 669+57.67 is declared by the Transportation Commission to be a Type 1 Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated 11th day of March, 2008 in minute book 13, pages 77 & 78 and authorized under section 65-1-10(1) MCA (1972, as amended).

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CONVENTIONAL SYMBOLS

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

LENGTH DATA

LENGTH OF ROADWAY	25,558.260 FT.	4.840 MI.
LENGTH OF BRIDGES	2,099.41 FT.	0.398 MI.
LENGTH OF PROJECT (NET)	27,657.670 FT.	5.238 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	27,657.670 FT.	5.238 MI.

CARTER D. BEARDEN
LICENSED PROFESSIONAL ENGINEER
18854
STATE OF MISSISSIPPI

FLORENCE & HUTCHESON
BRIDGE DESIGN

DATE	REVISIONS	BY

APPROVED:
CHIEF ENGINEER — DATE 5/16/12
EXECUTIVE DIRECTOR — DATE 5/16/12
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR — DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
A.D.D. SECTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1 st O. REV.

STATE	PROJECT NO.
MISS.	HSIP-0040-01(021)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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DETAILED INDEX		DI–2	3
DETAILED INDEX (BRIDGE)		DI–3	4
DETAILED INDEX (BRIDGE)		DI–4	5
DETAILED INDEX (BRIDGE)		DI–5	6
GENERAL NOTES		GN–1	7
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RELOCATED HWY 25 MAIN FACILITY		TS–1	8
LOCAL ROADS & RURAL DRIVEWAY RAMP		TS–2	9
INTERCHANGE RAMPS & FRONTAGE ROAD		TS–3	10
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SUMMARY OF QUANTITIES – (BRIDGE ITEMS)		SQ–4	15
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TRAFFIC CONTROL PLAN – HARMONY RD /MOFFIT CIRCLE /COTTON GIN PORT RD.		TC–2	51
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Roberts & Greer		
PS & E PLANS-DATE...6/12/12		
FMS CONST. No. 101635 / 301000		
PLAN REVISIONS		
DATE	SHEET NO.	BY
7-25-12	6, 8, 12, 15, 29, 32, 34, 48	GSW

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. HSIP–0040–01(021)
COUNTY : MONROE

WORKING NUMBER DI–1

SHEET NUMBER 2

REVISION | BY | DATE

FILENAME: diBR.dgn
DESIGN TEAM ____ F&H ____ CHECKED ____ DATE ____

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/25/2012 3:17 PM DIBR.DGN

STATE	PROJECT NO.
MISS.	HSIP-0040-01(021)

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EROSION CONTROL		EC–1	6140
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DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. HSIP–0040–01(021)
COUNTY : MONROE

WORKING NUMBER DI–2

SHEET NUMBER 3

BY | REVISION | DATE

FILENAME: di.dgn
DESIGN TEAM ____ F&H ____ CHECKED ____ DATE ____

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/24/2012 2:36 PM DI BR.DGN

STATE	PROJECT NO.
MISS.	HSIP-0040-01(021)

STANDARD DRAWINGS – BRIDGE SHEETS (16)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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BASIC CULVERT DRAWING – SINGLE CELL – HEIGHT 10 FT. – SPANS 10 – 22 FT.		IBS–10–2W	7012
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WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING – SINGLE CELL – HEIGHTS 6 – 12 FT. – SPANS 6 – 24 FT.		IWS–3	7016
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BOX CULVERT DRAWING – IBS CULVERTS MODIFIED FOR HIGH COVER – WINGS WITH 3:1 SLOPE		IBSM–3W	7025
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BOX CULVERT DRAWING – IBD CULVERTS MODIFIED FOR HIGH COVER – WINGS WITH 3:1 SLOPE		IBDM–3W	7044
BOX CULVERT DRAWING – 30 DEG. SKEW DETAILS – WINGS WITH 3:1 SLOPE – SINGLE & DOUBLE CELL CULVERTS		ISK–30–3W	7056
BOX CULVERT DRAWING – 30 DEG. SKEW DETAILS – WINGS WITH 3:1 SLOPE – SINGLE & DOUBLE CELL CULVERTS		ISK–30–3W	7057

SPECIAL DESIGN SHEETS – BRIDGE ITEMS (170)

RELOC. HWY. 25 OVER HARMONY ROAD
STA. 510 + 91.82 LT. LANE
STA. 510 + 92.98 RT. LANE

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SR 25 OVER HARMONY ROAD		H1 OF 22	8466
SR 25 OVER HARMONY ROAD		H2 OF 22	8467
GENERALIZED SOIL PROFILE		H3 OF 22	8468
END BENT NO. 1L DETAILS		H4 OF 22	8469
END BENT NO. 1R DETAILS		H5 OF 22	8470
END BENT NO. 4L DETAILS		H6 OF 22	8471
END BENT NO. 4R DETAILS		H7 OF 22	8472
END BENT DETAILS		H8 OF 22	8473
INT. BENT NO. 2L & 3L DETAILS		H9 OF 22	8474
INT. BENT NO. 2R & 3R DETAILS		H10 OF 22	8475
INT. BENT DETAILS		H11 OF 22	8476
SPAN DETAILS		H12 OF 22	8477
60 FT. SPAN DETAILS LT. LN.		H13 OF 22	8478
90 FT. SPAN DETAILS LT. LN.		H14 OF 22	8479
60 FT. SPAN DETAILS LT. LN.		H15 OF 22	8480
60 FT. SPAN DETAILS RT. LN.		H16 OF 22	8481
90 FT. SPAN DETAILS RT. LN.		H17 OF 22	8482
60 FT. SPAN DETAILS RT. LN.		H18 OF 22	8483
2'–8" RAILING DETAILS		H19 OF 22	8484
MISC. SPAN DETAILS		H20 OF 22	8485
60 FT. BEAM DETAILS (TYPE IV)		H21 OF 22	8486
90 FT. BEAM DETAILS (TYPE IV)		H22 OF 22	8487

SPECIAL DESIGN SHEETS – BRIDGE ITEMS (CONTINUED)

RELOC. HWY. 25 OVER WEAVER CREEK
STA. 549 + 69.21 LT. LANE
STA. 549 + 81.21 RT. LANE

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SR 25 ACROSS WEAVER CREEK		I1 OF 92	8488
SR 25 ACROSS WEAVER CREEK LEFT LANE		I2 OF 92	8489
SR 25 ACROSS WEAVER CREEK LEFT LANE		I3 OF 92	8490
SR 25 ACROSS WEAVER CREEK RIGHT LANE		I4 OF 92	8491
SR 25 ACROSS WEAVER CREEK RIGHT LANE		I5 OF 92	8492
GENERALIZED SOIL PROFILE		I6 OF 92	8493
GENERALIZED SOIL PROFILE		I7 OF 92	8494
END BENT NO. 1L DETAILS		I8 OF 92	8495
END BENT NO. 29L DETAILS		I9 OF 92	8496
END BENT NO. 1R DETAILS		I10 OF 92	8497
END BENT NO. 29R DETAILS		I11 OF 92	8498
END BENT DETAILS		I12 OF 92	8499
INT. BENT NO. 2L, 5L–8L, 10L–13L, 15L–18L, & 20L–21L		I13 OF 92	8500
INT. BENT NO. 3L		I14 OF 92	8501
INT. BENT NO. 4L		I15 OF 92	8502
INT. BENT NO. 9L, 14L, & 19L		I16 OF 92	8503
INT. BENT NO. 22L		I17 OF 92	8504
INT. BENT NO. 23L		I18 OF 92	8505
INT. BENT NO. 24L		I19 OF 92	8506
INT. BENT NO. 25L		I20 OF 92	8507
INT. BENT NO. 26L		I21 OF 92	8508
INT. BENT NO. 27L		I22 OF 92	8509
INT. BENT NO. 28L		I23 OF 92	8510
INT. BENT NO. 2R–3R, 6R–9R, & 11R–15R		I24 OF 92	8511
INT. BENT NO. 4R		I25 OF 92	8512
INT. BENT NO. 5R		I26 OF 92	8513
INT. BENT NO. 10R		I27 OF 92	8514
INT. BENT NO. 16R		I28 OF 92	8515
INT. BENT NO. 17R		I29 OF 92	8516
INT. BENT NO. 18R		I30 OF 92	8517
INT. BENT NO. 19R		I31 OF 92	8518
INT. BENT NO. 20R		I32 OF 92	8519
INT. BENT NO. 21R		I33 OF 92	8520
INT. BENT NO. 22R		I34 OF 92	8521
INT. BENT NO. 23R		I35 OF 92	8522
INT. BENT NO. 24R		I36 OF 92	8523
INT. BENT NO. 25R		I37 OF 92	8524
INT. BENT NO. 26R		I38 OF 92	8525
INT. BENT NO. 27R		I39 OF 92	8526
INT. BENT NO. 28R		I40 OF 92	8527
40 FT. SPAN 1L–2L & 4L–21L DETAILS		I41 OF 92	8528
40 FT. SPAN DETAILS (SPANS 1L–2L)		I42 OF 92	8529
40 FT. SPAN DETAILS (SPANS 4L–6L, 9L–11L, & 14L–16L)		I43 OF 92	8530
40 FT. SPAN DETAILS (SPANS 7L–8L, 12L–13L, & 17L–18L)		I44 OF 92	8531
40 FT. SPAN DETAILS (SPANS 19L–21L)		I45 OF 92	8532
80 FT. SPAN 3L DETAILS		I46 OF 92	8533
80 FT. SPAN DETAILS (SPAN 3L)		I47 OF 92	8534
40 FT. FLARED SPAN DETAILS 22L–28L DETAILS		I48 OF 92	8535
40 FT. FLARED SPAN DETAILS (SPAN 22L)		I49 OF 92	8536
40 FT. FLARED SPAN DETAILS (SPAN 23L)		I50 OF 92	8537

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. HSIP–0040–01(021)
COUNTY : MONROE

WORKING NUMBER: DI–3
SHEET NUMBER: 4

FILENAME: di.dgn
DESIGN TEAM ____ F&H ____ CHECKED ____ DATE ____

REVISION | BY | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
5/24/2012 2:42 PM DI BR345.DGN

STATE	PROJECT NO.
MISS.	HSIP-0040-01(021)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS – BRIDGE ITEMS (CONTINUED)			
RELOC. HWY. 25 OVER WEAVER CREEK STA. 549 + 69.21 LT. LANE STA. 549 + 81.21 RT. LANE			
40 FT. FLARED SPAN DETAILS (SPAN 24L)		I51 OF 92	8538
40 FT. FLARED SPAN DETAILS (SPAN 25L)		I52 OF 92	8539
40 FT. FLARED SPAN DETAILS (SPAN 26L)		I53 OF 92	8540
40 FT. FLARED SPAN DETAILS (SPAN 27L)		I54 OF 92	8541
40 FT. FLARED SPAN DETAILS (SPAN 28L)		I55 OF 92	8542
40 FT. SPAN 1R–3R & 5R–15R DETAILS		I56 OF 92	8543
40 FT. SPAN DETAILS (SPAN 1R–3R)		I57 OF 92	8544
40 FT. SPAN DETAILS (SPAN 5R–7R)		I58 OF 92	8545
40 FT. SPAN DETAILS (SPANS 8R–9R)		I59 OF 92	8546
40 FT. SPAN DETAILS (SPANS 10R–12R)		I60 OF 92	8547
40 FT. SPAN DETAILS (SPAN 13R–15R)		I61 OF 92	8548
80 FT. SPAN 4R DETAILS		I62 OF 92	8549
80 FT. SPAN DETAILS (SPAN 4R)		I63 OF 92	8550
40 FT. FLARED SPAN 16R–17R DETAILS		I64 OF 92	8551
40 FT. FLARED SPAN DETAILS (SPAN 16R)		I65 OF 92	8552
40 FT. FLARED SPAN DETAILS (SPAN 17R)		I66 OF 92	8553
40 FT. FLARED SPAN 18R–21R DETAILS		I67 OF 92	8554
40 FT. FLARED SPAN DETAILS (SPAN 18R)		I68 OF 92	8555
40 FT. FLARED SPAN DETAILS (SPAN 19R)		I69 OF 92	8556
40 FT. FLARED SPAN DETAILS (SPAN 20R)		I70 OF 92	8557
40 FT. FLARED SPAN DETAILS (SPAN 21R)		I71 OF 92	8558
40 FT. FLARED SPAN 22R–24R DETAILS		I72 OF 92	8559
40 FT. FLARED SPAN DETAILS (SPAN 22R)		I73 OF 92	8560
40 FT. FLARED SPAN DETAILS (SPAN 23R)		I74 OF 92	8561
40 FT. FLARED SPAN DETAILS (SPAN 24R)		I75 OF 92	8562
40 FT. FLARED SPAN 25R–27R DETAILS		I76 OF 92	8563
40 FT. FLARED SPAN DETAILS (SPAN 25R)		I77 OF 92	8564
40 FT. FLARED SPAN DETAILS (SPAN 26R)		I78 OF 92	8565
40 FT. FLARED SPAN DETAILS (SPAN 27R)		I79 OF 92	8566
40 FT. FLARED SPAN 28R DETAILS		I80 OF 92	8567
40 FT. FLARED SPAN DETAILS (SPAN 28R)		I81 OF 92	8568
2'–8" RAILING DETAILS		I82 OF 92	8569
MISC. SPAN DETAILS		I83 OF 92	8570
40 FT. BEAM DETAILS (SPANS 1L–2L, 4L, 8L–9L, 13L–14L, 18L–19L, & 21L)		I84 OF 92	8571
40 FT. BEAM DETAILS (SPANS 5L–7L, 10L–12L, 15L–17L, & 20L)		I85 OF 92	8572
40 FT. BEAM DETAILS (SPANS 22L–28L)		I86 OF 92	8573
80 FT. BEAM DETAILS (SPAN 3L)		I87 OF 92	8574
40 FT. BEAM DETAILS (SPANS 1R, 3R, 5R, 9R–10R, & 15R)		I88 OF 92	8575
40 FT. BEAM DETAILS (SPANS 2R, 6R–8R, & 11R–14R)		I89 OF 92	8576
40 FT. BEAM DETAILS (SPANS 16R–28R)		I90 OF 92	8577
80 FT. BEAM DETAILS (SPAN 4R)		I91 OF 92	8578
TABLE OF BEAM DIMENSIONS		I92 OF 92	8579

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS – BRIDGE ITEMS (CONTINUED)			
RELOC. HWY. 25 OVER COTTON GIN PORT RD. STA. 610 + 40.90 LT. LANE STA. 610 + 59.61 RT. LANE			
SR 25 OVER COTTON GIN PORT ROAD		J1 OF 25	8580
SR 25 OVER COTTON GIN PORT ROAD		J2 OF 25	8581
GENERALIZED SOIL PROFILE		J3 OF 25	8582
END BENT NO. 1L DETAILS		J4 OF 25	8583
END BENT NO. 1R DETAILS		J5 OF 25	8584
END BENT NO. 4L DETAILS		J6 OF 25	8585
END BENT NO. 4R DETAILS		J7 OF 25	8586
END BENT DETAILS		J8 OF 25	8587
INT. BENT NO. 2L		J9 OF 25	8588
INT. BENT NO. 3L		J10 OF 25	8589
INT. BENT NO. 2R		J11 OF 25	8590
INT. BENT NO. 3R		J12 OF 25	8591
INT. BENT DETAILS		J13 OF 25	8592
SPAN DETAILS		J14 OF 25	8593
85 FT. SPAN DETAILS LT. LN.		J15 OF 25	8594
95 FT. SPAN DETAILS LT. LN.		J16 OF 25	8595
85 FT. SPAN DETAILS LT. LN.		J17 OF 25	8596
85 FT. SPAN DETAILS RT. LN.		J18 OF 25	8597
95 FT. SPAN DETAILS RT. LN.		J19 OF 25	8598
85 FT. SPAN DETAILS RT. LN.		J20 OF 25	8599
2'–8" RAILING DETAILS		J21 OF 25	8600
MISC. SPAN DETAILS		J22 OF 25	8601
85 FT. BEAM DETAILS (TYPE IV)		J23 OF 25	8602
95 FT. BEAM DETAILS (TYPE IV)		J24 OF 25	8603
TABLE OF BEAM DIMENSIONS		J25 OF 25	8604

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX (BRIDGE)

PROJECT NO. HSIP–0040–01(021)
COUNTY : MONROE

WORKING NUMBER: DI–4

SHEET NUMBER: 5

FILENAME: di.dgn
DESIGN TEAM ____ F&H ____ CHECKED ____ DATE ____

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/24/2012 2:43 PM DIBR345.DGN

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STATE	PROJECT NO.
MISS.	HSIP-0040-01(021)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS – BRIDGE ITEMS (CONTINUED)			
RELOC. HWY. 25 OVER BNSF R.R. & RELOC. RITTER RD. STA. 625+74.65 LT. LANE STA. 625+36.23 RT. LANE			
SR 25 OVER BNSF RR & RELOC. RITTER ROAD		K1 OF 31	8605
SR 25 OVER BNSF RR & RELOC. RITTER ROAD		K2 OF 31	8606
SR 25 OVER BNSF RR & RELOC. RITTER ROAD		K3 OF 31	8607
GENERALIZED SOIL PROFILE		K4 OF 31	8608
END BENT NO. 1L DETAILS		K5 OF 31	8609
END BENT NO. 1R DETAILS		K6 OF 30	8610
END BENT NO. 5L DETAILS		K7 OF 31	8611
END BENT NO. 5R DETAILS		K8 OF 31	8612
END BENT DETAILS		K9 OF 31	8613
INT. BENT NO. 2L DETAILS		K10 OF 31	8614
INT. BENT NO. 3L DETAILS		K11 OF 31	8615
INT. BENT NO. 4L DETAILS		K12 OF 31	8616
INT. BENT NO. 2R DETAILS		K13 OF 31	8617
INT. BENT NO. 3R DETAILS		K14 OF 31	8618
INT. BENT NO. 4R DETAILS		K15 OF 31	8619
INT. BENT DETAILS		K16 OF 31	8620
SPAN DETAILS		K17 OF 30	8621
122 FT. SPAN NO. 1L DETAILS		K18 OF 31	8622
122 FT. SPAN NO. 2L DETAILS		K19 OF 31	8623
106 FT. SPAN NO. 3L DETAILS		K20 OF 31	8624
106 FT. SPAN NO. 4L DETAILS		K21 OF 31	8625
122 FT. SPAN NO. 1R DETAILS		K22 OF 31	8626
122 FT. SPAN NO. 2R DETAILS		K23 OF 31	8627
106 FT. SPAN NO. 3R DETAILS		K24 OF 31	8628
106 FT. SPAN NO. 4R DETAILS		K25 OF 31	8629
2'-8" RAILING DETAILS		K26 OF 31	8630
MISC. SPAN DETAILS		K27 OF 31	8631
122 FT. BEAM DETAILS (BT-63)		K28 OF 31	8632
106 FT. BEAM DETAILS (BT-63)		K29 OF 31	8633
BEAM DATA		K30 OF 31	8634
TRIAL AND TEST SHAFT DETAILS		K31 OF 31	8635

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
CROSS SECTIONS (129) △1			
HWY 25			9001 – 9091
LOCAL ROADS & RAMPS			9092 – 9128
BOX CULVERT SECTIONS			△1 9129
TOTAL SHEETS			△1 485

BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY

DATE	REVISION	BY
7-25-12	REVISED SHEET NUMBERS △1	GSW

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX (BRIDGE)

PROJECT NO. HSIP-0040-01(021)
COUNTY : MONROE

WORKING NUMBER DI-5

SHEET NUMBER 6

FILENAME: dibr345.dgn
DESIGN TEAM F&H CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/25/2012 3:16 PM DIBR345.DGN

STATE	PROJECT NO.
MISS.	HSIP-0040-01(021)

GENERAL NOTES

1. FOR A LIST OF PUBLIC UTILITY OWNERS, SEE WK. SH. 12 Lt. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF SURVEY. 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.

2. A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES 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.

3. THE 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

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. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED WITH GRANULAR MATERIAL OR TOPSOIL AND TAMPED IN ACCORDANCE WITH SECTION 203 OF STANDARD SPECIFICATIONS. THE BACKFILL MATERIAL IS NOT A SEPARATE PAY ITEM. THE REMOVAL IS TO BE PAID UNDER ITEM 201–A001 (LUMP SUM).

6. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE VICINITY OF TRAFFIC. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE ANY BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR OTHER CONTRACT ITEMS.

7. 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.

8. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT CONSTRUCTION JOINTS (SEE WK. NO. ICJ–1 FOR DETAILS).

9. ALL SIGNS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) (2009 EDITION AND ALL SUBSEQUENT REVISIONS).

10. ALL PROPOSED PAVEMENT MARKINGS, AND PERMANENT SIGNING SHALL BE INSTALLED BEFORE OPENING THE NEW FACILITY TO TRAFFIC, UNLESS DIRECTED AND SPECIFICALLY APPROVED OTHERWISE BY THE ENGINEER.

11. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM MEASUREMENT. 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 WILL SUBMIT AN EROSION CONTROL PLAN TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK, MAINTAIN AND UPDATE THE PLAN DURING CONSTRUCTION.

12. PRIOR TO EARTHWORK OPERATIONS, EXISTING TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS–1). ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE TOPSOIL IS TO BE ABSORBED IN OTHER PAY ITEMS.

13. EXISTING DRAIN PIPES, CULVERTS, CROSS DRAINS, AND OTHER DRAINAGE STRUCTURES THAT ARE TO REMAIN SHALL BE CLEANED OF SILT, TRASH, AND DEBRIS SATISFACTORILY TO THE ENGINEER. ALL COSTS OF SAID CLEANING WILL BE CONSIDERED SUBSIDIARY TO THE CONTRACT AND WILL NOT BE MEASURED AND PAID FOR DIRECTLY. EXISTING DRAIN PIPES, CULVERTS, SIDE DRAINS, AND CROSS DRAINS WITHIN THE PROJECT LIMITS THAT ARE NOT TO BE UTILIZED, SHALL BE REMOVED OR ABANDONED IN PLACE.

14. ALL EXCAVATION FOR THE SIGN POSTS OR FOOTINGS IS TO BE INCLUDED IN THE COST FOR OTHER ITEMS BID FOR CONSTRUCTION.

15. ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

16. ALL POST AND PIPE LENGTHS ARE ESTIMATED. CONTRACTOR IS RESPONSIBLE FOR PERFORMING FIELD SURVEY TO DETERMINE THE EXACT LENGTH REQUIRED.

17. DIRECT APPLIED LEGEND, BORDERS, AND SHIELD ARE TO BE USED ON ALL GUIDE SIGNS. RIVETS WILL NOT BE ALLOWED.

18. ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH PERMANENT MARKER.

19. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS. ALL SIGNS SHALL BE SPACED A MINIMUM OF 250 FEET APART WHERE POSSIBLE. THE ACTUAL LOCATION OF SIGNS WILL BE AS DIRECTED BY THE ENGINEER.

20. WIRE BACKING IS REQUIRED ON ALL SILT FENCES.

21. GEOTEXTILE FABRIC IS REQUIRED UNDER ALL RIP–RAP WITH THE EXCEPTION OF DT. CHECKS.

22. THE CLEARING LIMITS ADJACENT TO THE STREAMS AT STATIONS 249+00, 321+50, 330+00, 475+00, AND 551+00 WILL BE LIMITED TO NO FURTHER THAN TEN (10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY (50) FEET FROM THE TOP OF THE BANKS.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO. HSIP–0040–01(021)
COUNTY : MONROE

FILENAME: gn1.dgn
DESIGN TEAM F&H CHECKED DATE

WORKING NUMBER GN–1

SHEET NUMBER 7

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/24/2012 2:50 PM GN-1.DGN