P.E. BR–0022–01(049) 102456 / 101000

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR–0022–01(049)	1

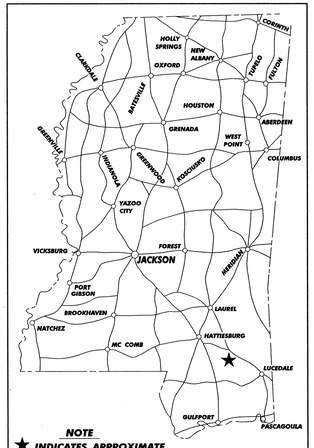
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR–0022–01(049)

SR 15 REPLACE 4 BRIDGES
FROM BEAUMONT TO RICHTON
PERRY COUNTY

FMS NO.: 102456/301000 CONSTR.



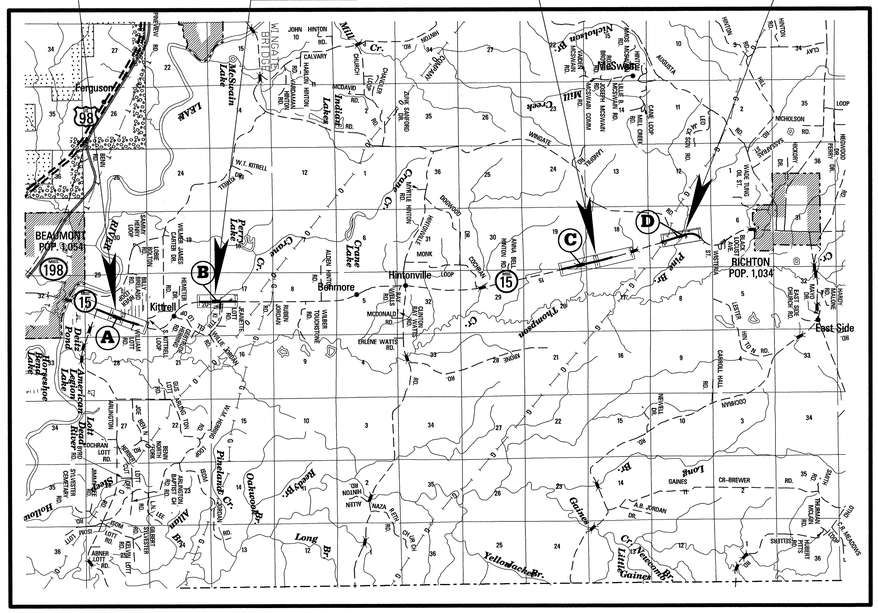
NOTE
★ *INDICATES APPROXIMATE LOCATION OF PROJECT.*

LAT. 31° 15′ 38″ N LONG. 88° 55′ 18″ W
(APPROX. MIDDLE OF PROJECT)

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 6000 FT.

SITE 1 **SITE 2** **SITE 3** **SITE 4**



BRIDGE STRUCTURES REQ'D.

(A) STA. 100+69.20
10@40' SPANS
LENGTH ALONG C.L. = 401.59 FT.
BRIDGE NO. 42.1

(B) STA. 196+98.15
3@40' SPANS SKEWED 20° LT. FWD.
LENGTH ALONG C.L. = 121.69 FT.
BRIDGE NO. 43.9

(D) STA. 595+26.18
4@40' SPANS SKEW 15° LT. FWD.
LENGTH ALONG C.L. = 161.63 FT.
BRIDGE NO. 51.5

BOX BRIDGES REQ'D.

(C) STA. 507+40
DBL. 16'x10' BOX BRIDGE
LENGTH ALONG C.L. = 32.00 LIN. FT.
BRIDGE NO. 49.9

CONVENTIONAL SYMBOLS

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

MINOR ARTERIAL

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

SITES 1 & 2

GPS CONTROL NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:

	NAD' 83/93 MS EAST ZONE	
CONTROL STATION	NORTH	EAST
RUTH RESET	674653.205	952221.583
EDM BASELINE SOUTH AZ MK	634706.844	846692.103

VERTICAL DATUM
NAVD 88

ALL AZIMUTHS AND DISTANCES ARE
NAD' 83/93 MS EAST ZONE GRID VALUES U.S. FEET

SITE 1

CONVERSION VALUES	BOP	EOP
GROUND TO GRID FACTOR	0.99995074	0.99995021
GRID TO GROUND CORRECTION	1.0000492693	1.0000497574
GRID TO GEODETIC AZIMUTH	-00°02'33.5"	-00°02'25.7"

SITE 2

CONVERSION VALUES	BOP	EOP
GROUND TO GRID FACTOR	0.999950038	0.999947379
GRID TO GROUND CORRECTION	1.0000499655	1.0000526244
GRID TO GEODETIC AZIMUTH	-02°02'37.6"	-02°02'37.5"

SITES 3 & 4

GPS CONTROL NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:

	NAD' 83/93	MS EAST ZONE
CONTROL STATION	NORTH	EAST
RUTH RESET	674653.205	952221.583
EDM BASELINE SOUTH AZ MK	634706.844	846692.103
HOGAN 2 RM 3 HARN	558990.467	1021343.893

VERTICAL DATUM
NAVD 88

ALL AZIMUTHS AND DISTANCES ARE
NAD' 83/93 MS EAST ZONE GRID VALUES US FEET

SITE 3

CONVERSION VALUES	BOP	EOP
GROUND TO GRID FACTOR	0.999946028	0.999948306
GRID TO GROUND CORRECTION	1.0000539752	1.0000516971
GRID TO GEODETIC AZIMUTH	-0°02'52"	-0°02'57"

SITE 4

CONVERSION VALUES	BOP	EOP
GROUND TO GRID FACTOR	0.999943799	0.999943775
GRID TO GROUND CORRECTION	1.0000056204	1.0000056228
GRID TO GEODETIC AZIMUTH	-0°03'07"	-0°03'10"

DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2003) = 2000 : ADT (2023) = 3000

DHV = 330 : D = 50 % T= 24 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	Y	N
NATIONWIDE (OTHER)*	N	Y
GENERAL*	N	N
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 +)(NTB 6484)
S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 6483)
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: ATM DATE: 7-25-08

EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	8415.090 FT.	1.594 MI.
LENGTH OF BRIDGES	684.910 FT.	0.130 MI.
LENGTH OF PROJECT (NET)		1.724 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	9100.000 FT.	1.724 MI.

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REVISIONS | BY | DATE

APPROVED:
CHIEF ENGINEER 7/25/08 DATE
EXECUTIVE DIRECTOR 7/25/08 DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-0022-01(049)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (4)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX (BRIDGE)	DI-3	4
GENERAL NOTES	GN-1	5
TYPICAL SECTION SHEETS (5)		
TYPICAL SECTION - HWY. 15 MAINLINE: WIDENING & OVERLAY (@ B.O.S. & E.O.S.)	TS-1	6
TYPICAL SECTION - HWY. 15 MAINLINE: NEW CONSTRUCTION (SITES 1-4)	TS-2	7
TYPICAL SECTION - LOCAL ROADS (STA. 200+46.44 RT. & STA. 592+50.00 LT.)	TS-3	8
TYPICAL SECTION - LOCAL ROADS: CURB & GUTTER SECTION & CHANNELIZED	TS-4	9
TYPICAL SECTION - DETOUR ROADS	TS-5	10
QUANTITY SHEETS (16)		
SUMMARY OF QUANTITIES	SQ-1	11
SUMMARY OF QUANTITIES	SQ-2	12
SUMMARY OF QUANTITIES	SQ-3	13
SUMMARY OF QUANTITIES (BRIDGE ITEMS)	SQ-4	14
ESTIMATED QUANTITIES - PIPE CULVERT DRAINAGE STRUCTURES	EQ-1	15
ESTIMATED QUANTITIES - REMOVAL OF PIPES, TRAFFIC STRIPE, GUARD RAIL, PAVEMENT, CURB & COLD MILLING	EQ-2	16
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS & CURB & GUTTER	EQ-3	17
ESTIMATED QUANTITIES - BOX BRIDGES	EQ-4	18
ESTIMATED QUANTITIES - GUARDRAIL REQUIRED, BRIDGE END PAVEMENT, DRIVEWAYS, & SIDE DRAINS	EQ-5	19
ESTIMATED QUANTITIES - EARTHWORK	EQ-6	20
ESTIMATED QUANTITIES - EROSION CONTROL ITEMS	EQ-7	21
ESTIMATED QUANTITIES - PAVEMENT MARKINGS	EQ-8	22
ESTIMATED QUANTITIES (BRIDGE ITEMS)	EQ-9	23
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCPQ-1	24
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1	25
STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	26
PLAN & PROFILE SHEETS (10)		
MAIN FACILITY - B.O.S. TO E.O.S. (SITE 1)	WK-3	27
DETOUR ROAD (SITE 1)	WK-3A	28
MAIN FACILITY - B.O.S. TO E.O.S. (SITE 2)	WK-4	29
LOCAL ROAD (SITE 2)	WK-4A	30
DETOUR ROAD (SITE 2)	WK-4B	31
MAIN FACILITY - B.O.S. TO E.O.S. (SITE 3)	WK-5	32
DETOUR ROAD (SITE 3)	WK-5A	33
MAIN FACILITY - B.O.S. TO E.O.S. (SITE 4)	WK-6	34
LOCAL ROAD (SITE 4)	WK-6A	35
DETOUR ROAD (SITE 4)	WK-6B	36
SPECIAL DESIGN SHEETS (60)		
DETAIL OF CONSTRUCTION SIGNING (SITES 1 & 2)	DCS-1	37
DETAIL OF CONSTRUCTION SIGNING (SITES 3 & 4)	DCS-2	38
TRAFFIC CONTROL PLAN - PHASE I & III (ALL SITES)	TC-1	39
TRAFFIC CONTROL PLAN - LOCAL RDS. AT DETOUR RDS (PHASE I)	TC-2	40
TRAFFIC CONTROL PLAN - PHASE II (ALL SITES)	TC-3	41
TRAFFIC CONTROL PLAN - LOCAL RDS. AT DETOUR RDS (PHASE II)	TC-4	42
TRAFFIC CONTROL PLAN - PHASE III (SITE 4)	TC-5	43
TRAFFIC CONTROL PLAN - DRUM PLACEMENT AND SHOULDER CLOSURE	TC-6	44
TEMPORARY PAVEMENT MARKING DETAIL (SITE 1)	TPMD-1	45
TEMPORARY PAVEMENT MARKING DETAIL (SITE 2)	TPMD-2	46
TEMPORARY PAVEMENT MARKING DETAIL (SITE 3)	TPMD-3	47
TEMPORARY PAVEMENT MARKING DETAIL (SITE 4)	TPMD-4	48
PAVEMENT MARKING DETAIL (SITE 1)	PMD-1	49
PAVEMENT MARKING DETAIL (SITE 2)	PMD-2	50
PAVEMENT MARKING DETAIL (SITE 3)	PMD-3	51

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (CONT.)		
PAVEMENT MARKING DETAIL (SITE 4)	PMD-4	52
INTERSECTION DETAIL - LOCAL ROAD STA. 200+46.11 RT.	ID-1	53
INTERSECTION DETAIL - LOCAL ROAD STA. 592+50.00 LT.	ID-2	54
MISCELLANEOUS DETAIL SHEET	MD-1	55
MISCELLANEOUS DETAIL SHEET	MD-2	56
VEGETATION SCHEDULE	VS-1	57
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)	TEC-D	58
DETAILS OF RUMBLE STRIPS (GROUND IN)	RS-1	59
RIGHT-OF-WAY MARKER	RW-1	60
SPEED SIGN DETAIL	R16-3	61
GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)	GR-2F	62
GUARDRAIL: BRIDGE END SECTION, TYPE "I" (STEEL POSTS)	GR-2G	63
GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	64
GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS	TGR-1	65
BRIDGE END PAVEMENT WITH RAIL AND OVERLAY	BE-1C	66
33.5" BRIDGE END PAVEMENT RAIL	BE-PR-1B	67
PERMANENT SIGNING PLANS	PSP-1	68
PERMANENT SIGNING PLANS	PSP-2	69
PERMANENT SIGNING PLANS	PSP-3	70
PERMANENT SIGNING PLANS	PSP-4	71
PERMANENT SIGNING DETAILS	PSD-1	72
PERMANENT SIGNING DETAILS	PSD-2	73
PERMANENT SIGNING DETAILS	PSD-3	74
DETAILS OF TYPICAL DITCH TREATMENT	DT-1	75
TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATION	ECD-1	76
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	77
DETAILS OF SILT FENCE INSTALLATION	ECD-3	78
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	79
TEMPORARY EROSION: SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	80
DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS	ECD-6	81
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	82
ROCK DITCH CHECK	ECD-8	83
ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	84
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	85
INLET PROTECTION DETAILS FOR COURSE AGGREGATE ON GRADES & SAGS	ECD-11	86
INLET PROTECTION DETAILS OF WATTLES	ECD-12	87
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	88
INLET PROTECTION DETAILS OF SAND BAGS	ECD-14	89
STABILIZED CONSTRUCTION ENTRANCE	ECD-15	90
TEMPORARY CULVERT STREAM CROSSING	ECD-16	91
TEMPORARY STREAM DIVERSION	ECD-17	92
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	93
FLOATING TURBIDITY CURTAIN	ECD-19	94
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	95
TYP. TEMP. EROSION CONTROL MEASURES (SLOPE DRAIN & TYPE A SILT BASIN)	TEC-2	96
PRELIMINARY EROSION CONTROL PLAN SHEETS (10)		
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EROSION CONTROL PLAN	ECP-3A	98
EROSION CONTROL PLAN	ECP-4	99
EROSION CONTROL PLAN	ECP-4A	100
EROSION CONTROL PLAN	ECP-4B	100.01
EROSION CONTROL PLAN	ECP-5	100.02
EROSION CONTROL PLAN	ECP-5A	100.03
EROSION CONTROL PLAN	ECP-6	100.04
EROSION CONTROL PLAN	ECP-6A	100.05
EROSION CONTROL PLAN	ECP-6B	100.06

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FMS CONSTR. NO.: 102456 / 301000

PS & E PLANS - 6/4/10		
REVISIONS		
DATE	SHEET NO.	BY
11/10/10	12	DSP
12/21/10	10, 11, 20, 27, 28, 29, 31, 32, 33, 34, 36	TG

T. GENO

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. BR-0022-01(049)
COUNTY : PERRY

WORKING NUMBER	SHEET NUMBER
DI-1	2

FILENAME: DI.DGN
DESIGN TEAM GENO CHECKED DATE

REVISION BY DATE

PLAN PREPARED BY MISSISSIPPI DEPARTMENT OF TRANSPORTATION
12/21/2010 8:09 AM DI.DGN

DESIGN TEAM: **GENO** *FILENAME:* **DI.DGN** *COUNTY:* **PERRY** *PROJECT NO. :* **BR-0022-01(049)** *SHEET ID:*

STATE	PROJECT NO.
MISS.	BR-0022-01(049)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (CONT.)			
PRELIMINARY EROSION CONTROL PLAN SHEETS- BRIDGE (6)			
EROSION CONTROL PLAN- BRIDGE		ECP-BR1	100.07
EROSION CONTROL PLAN- BRIDGE		ECP-BR2	100.08
EROSION CONTROL PLAN- BRIDGE		ECP-BR3	100.09
EROSION CONTROL PLAN- BRIDGE		ECP-BR4	100.10
EROSION CONTROL PLAN- BRIDGE		ECP-BR5	100.11
EROSION CONTROL PLAN- BRIDGE		ECP-BR6	100.12
RIGHT-OF-WAY MARKER COORDINATE SHEET		RW-2	100.13
STANDARD DRAWINGS (41)			
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	PM-1	120
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)		TEC-3	144
GUARD RAIL: "W" BEAM (WOOD POSTS)	03-01-02	GR-1	180
GUARD RAIL: THRIE BEAM (WOOD POSTS)	03-01-02	GR-1A	181
GUARD RAIL: "W" BEAM (STEEL POSTS)	03-01-02	GR-1B	182
GUARD RAIL: MODIFIED THRIE BEAM (STEEL POSTS)	03-01-02	GR-1C	183
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
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STANDARD ROADSIDE SIGNS		SN-3A	223
STANDARD ROADSIDE SIGNS	03-01-02	SN-3B	224
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	226
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BREAK-AWAY SIGN SUPPORTS		SN-6B	231
SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	03-01-02	SN-7	232
TYPICAL INSTALL. & DETAILS OF DELINEATORS & DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL GUARDRAIL DELINEATION	03-01-02	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	257
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS & 2-LANE ROADS	12-01-99	TCP-11	260
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE & 4-LANE DIVIDED HWYS.	12-01-99	TCP-15	264
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS_		GT-1	272
SPUR DIKE: EARTH	12-01-99	ED-1	274
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V < 40 mph)		SE-1	275
SUPERELEVATION TRANSITION - CASE I (2.0% NORMAL SUBGRADE)	03-01-02	SE-2A	276
DRIVEWAYS, CURB & GUTTER & SIDEWALK		SD-1	287
MISCELLANEOUS DETAIL SHEET		MDS-1	290
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
SMALL ANIMAL GUARD AND UNDERDRAIN MARKER	03-01-02	SAG-1	327
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN		UD-1	331
STANDARD DRAWINGS - BRIDGE ITEMS (5)			
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP I DIAGRAMS		IBJL-1	366.1
COLLAR DETAILS FOR BOX STRUCTURES		ICJ-1	367
BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHT 10 FT. - SPANS 20-36 FT.		IBD-10-2W	385.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL HEIGHTS 6-12 FT. - SPANS 12-40 FT.		IWD-3	387
CULVERT DRAWING - IBD CULVERTS MODIFIED FOR HIGH COVER WINGS WITH 3:1 SLOPE		IBDM-3W	393

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
BRIDGE SHEETS (48)		
MAINLINE (S.R. HWY. 15) SITE 1		466-483
MAINLINE (S.R. HWY. 15) SITE 2		484-498
MAINLINE (S.R. HWY. 15) SITE 4		499-513
SPECIAL DESIGN BRIDGE SHEETS (3)		
S.R. NO. 15 (DETOUR BRIDGES)		514-517
CROSS-SECTIONS (108)		
MAINLINE (S.R. HWY. 15) SITE 1		901-907
DETOUR ROAD SITE 1		908-918
REMOVAL OF DETOUR ROAD SITE 1		919-925
MAINLINE (S.R. HWY. 15) SITE 2		926-933
LOCAL ROAD SITE 2		934-935
DETOUR ROAD SITE 2		936-943
REMOVAL OF DETOUR ROAD SITE 2		944-951
MAINLINE (S.R. HWY. 15) SITE 3		952-961
DETOUR ROAD SITE 3		962-969
REMOVAL OF DETOUR ROAD SITE 3		970-979
MAINLINE (S.R. HWY. 15) SITE 4		980-988
LOCAL ROAD SITE 4		989-990
DETOUR ROAD SITE 4		991-999
REMOVAL OF DETOUR ROAD SITE 4		1000-1008
TOTAL SHEETS (319)		

REVISION | BY | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. BR-0022-01(049)
COUNTY : PERRY

WORKING NUMBER: DI-2
SHEET NUMBER: 3

FILENAME: DI.DGN
DESIGN TEAM GENO CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/29/2010 2:10 PM DI.DGN

DESIGN TEAM: **GENO** *FILENAME:* **DI.DGN** *COUNTY:* **PERRY** *PROJECT NO. :* **BR-0022-01(049)** *SHEET ID:*

STATE	PROJECT NO.
MISS.	

DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS~BRIDGE DRAWINGS

	WORKING NUMBER	SHEET NUMBER
S.R. NO. 15 ACROSS LEAF RIVER BRIDGE AT STA. 100+69.21		
ELEVATION	A1 OF 18	466
FOUNDATION PLAN	A2 OF 18	467
GENERALIZED SOIL PROFILE	A3 OF 18	468
END BENTS NO. 1 & 11 DETAILS	A4 OF 18	469
END BENT DETAILS	A5 OF 18	470
INT. BENTS NO. 2,3,5,7,9 & 10 DETAILS	A6 OF 18	471
INT. BENTS NO. 4 & 8 DETAILS	A7 OF 18	472
INT. BENT NO. 6 DETAILS	A8 OF 18	473
40 FT. END SPAN NO. 1 DETAILS	A9 OF 18	474
40 FT. INT. SPANS NO. 2,3,4,7 & 9 DETAILS	A10 OF 18	475
40 FT. INT. SPANS NO. 5 & 6 DETAILS	A11 OF 18	476
40 FT. END SPAN NO. 10 DETAILS	A12 OF 18	477
SPAN DETAILS	A13 OF 18	478
MISC. SPAN DETAILS	A14 OF 18	479
RAILING DETAILS	A15 OF 18	480
40 FT. END BEAM DETAILS	A16 OF 18	481
40 FT. INT. BEAM DETAILS	A17 OF 18	482
PRESTRESSED CONCRETE PILE DETAILS	A18 OF 18	483
S.R. NO. 15 ACROSS CRANE CREEK BRIDGE AT STA. 196+98.16		
ELEVATION	B1 OF 15	484
FOUNDATION PLAN	B2 OF 15	485
GENERALIZED SOIL PROFILE	B3 OF 15	486
END BENTS NO. 1 DETAILS	B4 OF 15	487
END BENTS NO. 4 DETAILS	B5 OF 15	488
END BENT DETAILS	B6 OF 15	489
INT. BENTS NO. 2 & 3 DETAILS	B7 OF 15	490
40 FT. END SPAN NO. 1 DETAILS	B8 OF 15	491
40 FT. INT. SPAN NO. 2 DETAILS	B9 OF 15	492
40 FT. END SPAN NO. 3 DETAILS	B10 OF 15	493
SPAN DETAILS	B11 OF 15	494
MISC. SPAN DETAILS	B12 OF 15	495
RAILING DETAILS	B13 OF 15	496
40 FT. END BEAM DETAILS	B14 OF 15	497
40 FT. INT. BEAM DETAILS	B15 OF 15	498
S.R. NO. 15 ACROSS PINE BRANCH CREEK BRIDGE AT STA. 595+26.18		
ELEVATION	C1 OF 16	499
FOUNDATION PLAN	C2 OF 16	500
GENERALIZED SOIL PROFILE	C3 OF 16	501
END BENTS NO. 1 DETAILS	C4 OF 16	502
END BENTS NO. 5 DETAILS	C5 OF 16	503
END BENTS DETAILS	C6 OF 16	504
INT. BENTS NO. 2,3 & 4 DETAILS	C7 OF 16	505
40 FT. END SPAN NO. 1 DETAILS	C8 OF 16	506
40 FT. INT. SPAN NO. 2 DETAILS	C9 OF 16	507
40 FT. END SPAN NO. 3 DETAILS	C10 OF 16	508
SPAN DETAILS	C11 OF 16	509
MISC. SPAN DETAILS	C12 OF 16	510
RAILING DETAILS	C13 OF 16	511
40 FT. END BEAM DETAILS	C14 OF 16	512
40 FT. INT. BEAM DETAILS	C15 OF 16	513
PRESTRESSED CONCRETE PILE DETAILS	C16 OF 16	514

DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS~BRIDGE DRAWINGS

	WORKING NUMBER	SHEET NUMBER
S.R. NO. 15 ACROSS CRANE CREEK DETOUR BRIDGE AT STA. 17+06.00	DBA1 OF 1	515
S.R. NO. 15 ACROSS THOMPSON CREEK DETOUR BRIDGE AT STA. 7+35.00	DBB1 OF 1	516
S.R. NO. 15 ACROSS PINE BRANCH DETOUR BRIDGE AT STA. 16+70.00	DBC1 OF 1	517

BRIDGE DIVISION		
DATE	SHEET NO.	BY

REVISIONS / BY / DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX SHEET
(BRIDGE)

PROJECT 102456/301000
BR-0022-01(049)

PERRY COUNTY

WORKING NUMBER DI-3

SHEET NUMBER 4

DESIGNED _____ DETAILED _____ TRACED _____

CHECKED _____ ISSUED _____ DATE _____

STATE	PROJECT NO.
MISS.	BR-0022-01(049)

GENERAL NOTES

1. FOR LIST OF PUBLIC UTILITIES, SEE WORKING SHEETS 3, 4, 5 & 6.
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. A SOIL PROFILE PREPARED FOR THIS PROJECT ON SAMPLES TAKEN FROM HOLES AT LOCATIONS INDICATED IN THE TEST REPORTS 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.
4. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
5. EXISTING UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. 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.
6. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES, 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 WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR 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 CONTRACT ITEMS.
7. FLOURESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
8. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MS. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
9. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
10. 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 (IF ANY) AND 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 STRUCTURES.
11. THE DATE OF ERECTION SHALL BE WRITTEN ON THE BACK OF EACH SIGN WITH A SANFORD MEANSTREAK WATERPROOF FORMULA PERMANENT MARKING STICK.
12. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
13. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT AND STRAIGHTNESS.
14. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
15. 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).
16. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
17. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE (ABSORBED ITEM).
18. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
19. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
20. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIALS.
21. CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES USED IN SPEED ZONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF FIFTEEN (15) POUNDS. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
22. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.
23. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS (SEE WK. NO. ICJ-1 FOR DETAILS).

PLAN
ROADWAY DESIGN DIVISION C.A.D.D. SECTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

HWY. 15

COUNTY: PERRY

PROJ. NO.: BR-0022-01(049)

WORKING NUMBER: GN-1

FILENAME: GN.DGN

DESIGN TEAM: GENO CHECKED: DATE:

SHEET NUMBER: 5