RE: 1st Order

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR–0018–02(043)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR–0018–02(045)

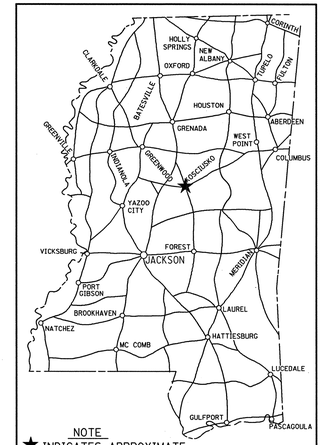
REPLACE BRIDGES ON SR 12 FROM KOSCIUSKO TO THE CHOCTAW COUNTY LINE

ATTALA COUNTY

SCALES

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

FMS CON# 103325 /302000



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 33°7.2' N (33.12') LONG. 89°28' W (–89.466')

BOX BRIDGES REQ'D.

SITE 3 BR.# 104.7
STA. 641+30
DBL.16' x 12' BOX CULVERT REQ'D.
LENGTH ALONG C.L. = 32 FT.
SKEWED 10° LEFT FORWARD

SITE 8 BR.# 114.5
STA. 1160+15
DBL.12' x 12' BOX CULVERT REQ'D.
LENGTH ALONG C.L. = 24 FT.

BRIDGE STRUCTURES REQ'D.

SITE 1 BR.# 101.7
STA. 483+29.1 TO STA. 484+50.79
SPANS: 3 @ 40'
LENGTH = 120 FT.

SITE 2 BR.# 103.8
STA. 595+94.21 TO STA. 598+35.79
SPANS: 40' – 2 @ 60' – 2 @ 40'
LENGTH = 240 FT.

SITE 4 BR.# 107.3
STA. 781+97.21 TO STA. 783+18.79
SPANS: 3 @ 40'
LENGTH = 120 FT.

SITE 5 BR.# 110.1
STA. 922+19.21 TO STA. 924+60.79
SPANS: 6 @ 40'
LENGTH = 240 FT.

SITE 6 BR.# 110.4
STA. 942+35.21 TO STA. 944+56.79
SPANS: 2 @ 40' – 60' – 2 @ 40'
LENGTH = 220 FT.

SITE 7 BR.# 113.2
STA. 1091+45.21 TO STA. 1092+66.79
SPANS: 3 @ 40'
LENGTH = 120 FT.

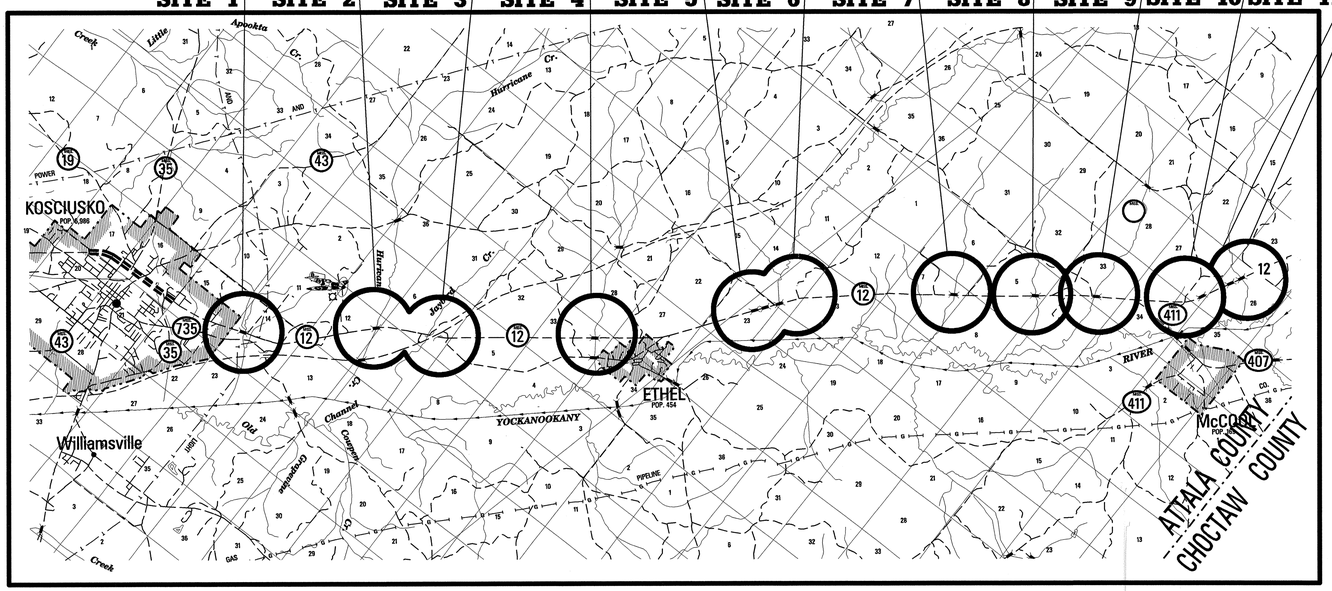
SITE 9 BR.# 115.4
STA. 1210+14.21 TO STA. 1211+75.79
SPANS: 4 @ 40'
LENGTH = 160 FT.

SITE 10 BR.# 117.8
STA. 1337+44.21 TO STA. 1338+65.79
SPANS: 3 @ 40'
LENGTH = 120 FT.

SITE 11 BR.# 119.3
STA. 1413+03.88 TO STA. 1414+46.12
SPANS: 3 @ 40'
LENGTH = 120 FT.
SKEWED 45° LEFT FORWARD

SITE 12 BR.# 119.4
STA. 1419+52.88 TO STA. 1420+95.12
SPANS: 40' – 60' – 40'
LENGTH = 140 FT.
SKEWED 45° LEFT FORWARD

BRIDGE #'s 101.7 (SITE 1), 103.8 (SITE 2), 104.7 (SITE 3), 107.3 (SITE 4), 110.1 (SITE 5), 110.4 (SITE 6), 113.2 (SITE 7), 114.5 (SITE 8), 115.4 (SITE 9), 117.8 (SITE 10), 119.3 (SITE 11), 119.4 (SITE 12)



EQUATIONS

EXCEPTIONS

LENGTH DATA

	SITE 1 BR.# 101.7		SITE 2 BR.# 103.8		SITE 3 BR.# 104.7		SITE 4 BR.# 107.3		SITE 5 BR.# 110.1		SITE 6 BR.# 110.4	
LENGTH OF ROADWAY	1639.77 FT.	0.310 MI.	2068.34 FT.	00.0391 MI.	959.46 FT.	0.181 MI.	2011.9 FT.	0.381 MI.	2100.0 FT.	0.397 MI.	2000.00 FT.	0.397 MI.
LENGTH OF BRIDGES	120 FT.	0.022 MI.	240 FT.	0.045 MI.	FT.	0.000 MI.	120 FT.	0.022 MI.	240 FT.	0.045 MI.	220 FT.	0.042 MI.
LENGTH OF PROJECT (NET)		0.332 MI.		0.436 MI.		0.181 MI.		0.416 MI.		0.416 MI.		0.439 MI.
LENGTH OF EXCEPTIONS	FT.	0.000 MI.	FT.	0.000 MI.	FT.	0.000 MI.	FT.	0.000 MI.	FT.	0.000 MI.	FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		0.332 MI.		0.436 MI.		0.181 MI.		0.416 MI.		0.416 MI.		0.439 MI.

	SITE 7 BR.# 1113.2		SITE 8 BR.# 114.5		SITE 9 BR.# 115.4		SITE 10 BR.# 117.8		SITE'S 11 & 12 BR.# 119.3 &119.4		TOTAL LENGTH	
LENGTH OF ROADWAY	1998.68 FT.	0.378 MI.	1400.0 FT.	0.265 MI.	1646.11 FT.	0.318 MI.	1854.42 FT.	0.351 MI.	2729.42 FT.	0.516 MI.	20408.03 FT.	3.865 MI.
LENGTH OF BRIDGES	120 FT.	0.022 MI.	FT.	0.000 MI.	160 FT.	0.030 MI.	120 FT.	0.022 MI.	FT.	0.045 MI.	1624 FT.	0.295 MI.
LENGTH OF PROJECT (NET)		0.400 MI.		0.379 MI.		0.378 MI.		0.417 MI.		0.531 MI.		4.319 MI.
LENGTH OF EXCEPTIONS	FT.	0.000 MI.	FT.	0.000 MI.	FT.	0.000 MI.	FT.	0.000 MI.	FT.	0.00 MI.	FT.	0.00 MI.
LENGTH OF PROJECT (GROSS)		0.400 MI.		0.379 MI.		0.378 MI.		0.417 MI.		0.531 MI.		4.319 MI.

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	Y	N
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 586)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (NTB 14)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCT DATE: 03/4/10

DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2008) = 4,900 : ADT (2028) = 6,600

DHV = 660 : D = 60 % T = 19 %

CONVENTIONAL SYMBOLS

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

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BY	REVISIONS	DATE

APPROVED:

CHIEF ENGINEER — DATE 11/9/10

EXECUTIVE DIRECTOR — DATE 11/9/10

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

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

STATE	PROJECT NO.
MISS.	BR-0018-02(045)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (8)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	4
GENERAL NOTES	GN-1	5
GENERAL NOTES	GN-2	5.1
DETAILED INDEX (BRIDGE)	DI-BR-1	6
DETAILED INDEX (BRIDGE)	DI-BR-2	7
DETAILED INDEX (BRIDGE)	DI-BR-3	8
TYPICAL SECTION SHEETS (3)		
TYPICAL SECTION - NEW CONST. & WIDEN & OVERLAY	TS-1	9
TYPICAL SECTION - CONSTRUCTION AND REMOVAL OF DETOUR ROAD	TS-2	10
TYPICAL SECTION - LOCAL ROADS (NEW CONSTRUCTION)	TS-3	11
QUANTITY SHEETS (20)		
SUMMARY OF QUANTITIES	SQ-1	12
SUMMARY OF QUANTITIES	SQ-2	13
SUMMARY OF QUANTITIES	SQ-3	14
SUMMARY OF QUANTITIES (BRIDGE)	SQ-BR-4	15
ESTIMATED QUANTITIES	EQ-1	16
ESTIMATED QUANTITIES	EQ-2	17
ESTIMATED QUANTITIES	EQ-3	18
ESTIMATED QUANTITIES	EQ-4	19
ESTIMATED QUANTITIES	EQ-5	20
ESTIMATED QUANTITIES	EQ-6	21
ESTIMATED QUANTITIES	EQ-7	22
ESTIMATED QUANTITIES	EQ-8	23
ESTIMATED QUANTITIES	EQ-9	24
ESTIMATED QUANTITIES	EQ-10	25
ESTIMATED QUANTITIES	EQ-11	26
ESTIMATED QUANTITIES	EQ-12	27
ESTIMATED QUANTITIES	EQ-13	28
ESTIMATED QUANTITIES	EQ-14	29
ESTIMATED QUANTITIES - FOR TRAFFIC CONTROL SIGNS	EQ-15	30
ESTIMATED BRIDGE QUANTITIES	EQ-BR-16	31
PLAN & PROFILE SHEETS (26)		
STA. 473+00 TO STA. 494+00 SITE 1 M.L.	3	32
STA. 75+00 TO STA. 91+39.776 SITE 1 DETOUR	3A	33
STA. 10+00 TO STA. 18+00 SITE 1 LOCAL ROAD	3B	34
STA. 586+00 TO STA. 608+00 SITE 2 M.L.	4	35
STA. 88+00 TO STA. 108+81.421 SITE 2 DETOUR	4A	36
STA. 631+00 TO STA. 652+00 SITE 3 M.L.	5	37
STA. 36+00 TO STA. 47+00 SITE 3 DETOUR	5A	38
STA. 10+00 TO STA. 11+00 SITE 3 LOC. RD. TURNOUT	5B	39
STA. 771+16.74 TO STA. 793+00 SITE 4 M.L.	6	40
STA. 73+00 TO STA. 93+11.945 SITE 4 DETOUR	6A	41
STA. 912+00 TO STA. 936+00 SITE 5 M.L.	7	42
STA. 12+00 TO STA. 37+00 SITE 5 DETOUR	7A	43
STA.936+00 TO STA. 955+00 SITE 6 M.L.	8	44
STA. 37+00 TO STA. 55+00 SITE 6 DETOUR	8A	45
STA. 10+00 TO STA. 15+00 SITE 6 LOCAL ROAD	8B	46
STA. 1082+00 TO STA. 1101+98.86 SITE 7 M.L.	9	47
STA. 83+00 TO STA. 101+39.775 SITE 7 LOCAL ROAD	9A	48
STA. 1149+01.56 TO STA. 1170+91 SITE 8 M.L.	10	49
STA. 53+00 TO STA. 67+10.03 SITE 8 DETOUR	10A	50
STA. 1200+00 TO STA. 1222+00 SITE 9 M.L.	11	51
STA. 0+00 TO STA. 16+69.196 SITE 9 DETOUR	11A	52
STA. 10+00 TO STA. 14+99.695 SITE 9 LOCAL ROAD	11B	53
STA. 1328+00 TO STA. 1348+00 SITE 10 M.L.	12	54
STA. 0+00 TO STA. 18+64.775 SITE 10 DETOUR	12A	55
STA. 1404+00 TO STA. 1430+00 SITE'S 11 & 12 M.L.	13	56
STA. 0+00TO STA. 27+39.775 DETOUR	13A	57
SPECIAL DESIGN SHEETS (80)		
RIGHT OF WAY MARKERS	RCS-1	57.1
RIGHT OF WAY MARKERS	RCS-2	57.2
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TYPICAL TRAFFIC CONTROL PLANS	TC-2	59
TYPICAL TRAFFIC CONTROL PLANS	TC-3	60
TYPICAL TRAFFIC CONTROL PLANS	TC-4	61
TYPICAL TRAFFIC CONTROL PLANS	TC-5	62
TYPICAL TRAFFIC CONTROL PLANS	TC-6	63
TYPICAL TRAFFIC CONTROL PLANS	TC-7	64
TYPICAL TRAFFIC CONTROL PLANS	TC-8	65
TYPICAL TRAFFIC CONTROL PLANS	TC-9	66
TYPICAL TRAFFIC CONTROL PLANS	TC-10	67
TYPICAL TRAFFIC CONTROL PLANS	TC-11	68
TYPICAL TRAFFIC CONTROL PLANS	TC-12	69
TYPICAL TRAFFIC CONTROL PLANS	TC-13	70
TYPICAL TRAFFIC CONTROL PLANS	TC-14	71
CURB AND GUTTER AND ISLAND DETAILS	DC&G-1	72
MISCELLANEOUS SHEETS TYPICAL SECTION DETAILS	MTSD-1	73
DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	74
VEGETATION SCHEDULE	VS-1	75
BRIDGE END PAVEMENT WITH RAIL AND OVERLAY	BE-1C	75.1
33.5" BRIDGE END PAVEMENT RAIL	BE-PR-1B	75.2
GUARD RAIL : BRIDGE END SECTION - TYPE "I" (WOOD POSTS)	SDGR-2F	75.3
GUARD RAIL : BRIDGE END SECTION - TYPE "I" (STEEL POSTS)	SDGR-2G	75.4
GUARD RAIL : RUB RAIL HARDWARE SHEET	SDGR-RR	76
GUARD RAIL : (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS	TGR-1	77
FLEXIBLE PIPE STANDARD	HDPE-1	77.1
RIGHT OF WAY MARKERS	RW-1	78
2-WAY CLEAR RAISED PAVEMENT MARKERS PLACED ON SIDE ROADS	CRPMSR-2	78.1
SPECIAL DESIGN: RUMBLE STRIPES (GROUND IN) 2-LANE	RS-2L	78.2
SUPER SILT FENCE	SSF-1	78.3
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASINS)	TEC-2	79
TYP. TEMP. EROSION CONTROL MEASURES (TYPE D SILT BASIN)	TEC-D70	80
DETAILS FOR DITCH TREATMENT	DT-1	81
TYPICAL TEMPORARY EROSION SEDIMENT CONTROL APPLICATIONS	ECD-1	82
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	83
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DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	85
TEMPORARY EROSION: SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	86
DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS	ECD-6	87
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	88
ROCK DITCH CHECK	ECD-8	89
ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	90
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	91
INLET PROTECTION DETAILS FOR COURSE AGGREGATE ON GRADES & SAGS	ECD-11	92
INLET PROTECTION DETAILS OF WATTLES	ECD-12	93

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THOMAS MAYFIELD

PS & E PLANS-DATE 1/07/2011

FMS CON. # 103325/302000

REVISIONS

DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. BR-0018-02(045)
COUNTY : ATTALA

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: detailed index.dgn

DESIGN TEAM MAYFIELD CHECKED DATE

REVISION BY DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/7/2011 11:45AM DETAILEDINDEX.DGN

STATE	PROJECT NO.
MISS.	BR-0018-02(045)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	94
INLET PROTECTION DETAILS OF SAND BAG	ECD-14	95
STABILIZED CONSTRUCTION ENTRANCE	ECD-15	96
TEMPORARY CULVERT STREAM CROSSING	ECD-16	97
TEMPORARY STREAM DIVERSION	ECD-17	98
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	99
FLOATING TURBIDITY CURTAIN	ECD-19	100
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	101.01
PRELIMINARY EROSION CONTROL PLAN - SITE 1	ECP3	100.02
PRELIMINARY EROSION CONTROL PLAN - SITE 1	ECP3A	100.03
PRELIMINARY EROSION CONTROL PLAN - SITE 1	ECP3B	100.04
PRELIMINARY EROSION CONTROL PLAN - SITE 2	ECP4	100.05
PRELIMINARY EROSION CONTROL PLAN - SITE 2	ECP4A	100.06
PRELIMINARY EROSION CONTROL PLAN - SITE 3	ECP5	100.07
PRELIMINARY EROSION CONTROL PLAN - SITE 3	ECP5A	100.08
PRELIMINARY EROSION CONTROL PLAN - SITE 3	ECP5B	100.09
PRELIMINARY EROSION CONTROL PLAN - SITE 4	ECP6	100.10
PRELIMINARY EROSION CONTROL PLAN - SITE 4	ECP6A	100.11
PRELIMINARY EROSION CONTROL PLAN - SITE 5	ECP7	100.12
PRELIMINARY EROSION CONTROL PLAN - SITE 5	ECP7A	100.13
PRELIMINARY EROSION CONTROL PLAN - SITE 6	ECP8	100.14
PRELIMINARY EROSION CONTROL PLAN - SITE 6	ECP8A	100.15
PRELIMINARY EROSION CONTROL PLAN - SITE 6	ECP8B	100.16
PRELIMINARY EROSION CONTROL PLAN - SITE 7	ECP9	100.17
PRELIMINARY EROSION CONTROL PLAN - SITE 7	ECP9A	100.18
PRELIMINARY EROSION CONTROL PLAN - SITE 8	ECP10	100.19
PRELIMINARY EROSION CONTROL PLAN - SITE 8	ECP10A	100.20
PRELIMINARY EROSION CONTROL PLAN - SITE 9	ECP11	100.21
PRELIMINARY EROSION CONTROL PLAN - SITE 9	ECP11A	100,22
PRELIMINARY EROSION CONTROL PLAN - SITE 9	ECP11B	100.23
PRELIMINARY EROSION CONTROL PLAN - SITE 10	ECP12	100.24
PRELIMINARY EROSION CONTROL PLAN - SITE 10	ECP12A	100.25
PRELIMINARY EROSION CONTROL PLAN - SITE 11 & 12	ECP13	100.26
PRELIMINARY EROSION CONTROL PLAN - SITE 11 & 12	ECP13A	100.27

SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS (20)

BRIDGE AT STA. 483+29.21 (SR 12 ACROSS MUNSON CREEK)	SDB-3	100.28
BRIDGE AT STA. 483+29.21 (SR 12 ACROSS MUNSON CREEK)	SDB-3A	100.29
BRIDGE AT STA. 595+94.21 (SR 12 ACROSS HURRICANE CREEK)	SDB-4	100.30
BRIDGE AT STA. 595+94.21 (SR 12 ACROSS HURRICANE CREEK)	SDB-4A	100.31
BRIDGE AT STA. 781+97.21 (SR 12 ACROSS LEFLORE CREEK)	SDB-5	100.32
BRIDGE AT STA. 781+97.21 (SR 12 ACROSS LEFLORE CREEK)	SDB-5A	100.33
BRIDGE AT STA. 922+19.21 (SR 12 ACROSS COLE CREEK TRIBUTARY)	SDB-6	100.34
BRIDGE AT STA. 922+19.21 (SR 12 ACROSS COLE CREEK TRIBUTARY)	SDB-6A	100.35
BRIDGE AT STA. 942+35.21 (SR 12 ACROSS COLE CREEK)	SDB-7	100.36
BRIDGE AT STA. 942+35.21 (SR 12 ACROSS COLE CREEK)	SDB-7A	100.37
BRIDGE AT STA. 1091+45.21 (SR 12 ACROSS HOLLY CREEK)	SDB-8	100.38
BRIDGE AT STA. 1091+45.21 (SR 12 ACROSS HOLLY CREEK)	SDB-8A	100.39
BRIDGE AT STA. 1210+14.21 (SR 12 ACROSS PANTHER CREEK)	SDB-9	100.40
BRIDGE AT STA. 1210+14.21 (SR 12 ACROSS PANTHER CREEK)	SDB-9A	100.41
BRIDGE AT STA. 1337+44.21 (SR 12 ACROSS BEAR CREEK)	SDB-10	100.42
BRIDGE AT STA. 1337+44.21 (SR 12 ACROSS BEAR CREEK)	SDB-10A	100.43
BRIDGE AT STA. 1413+03.88 (SR 12 ACROSS DRY TRIBUTARY)	SDB-11	100.44
BRIDGE AT STA. 1413+03.88 (SR 12 ACROSS DRY TRIBUTARY)	SDB-11A	100.45
BRIDGE AT STA. 1419+52.88 (SR 12 ACROSS DRY CREEK)	SDB-12	100.46
BRIDGE AT STA. 1419+52.88 (SR 12 ACROSS DRY CREEK)	SDB-12A	100.47

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
STANDARD DRAWINGS - (26)			
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,			
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
MEDIAN BARRIER : CONCRETE (PRECAST)	03-01-02	MB-2A	205
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
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	257
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TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS			
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		TCP-14	263
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SPUR DIKE : EARTH	12-01-99	ED-1	274
SUPERELEVATION TRANSITION - CASE I (2% NORMAL SUBGRADE)	03-01-02	SE-2A	276
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS		MDS-1	290
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
PIPE COLLAR - CONCRETE		PC-1	301
BRANCH CONNECTIONS		BC-1	305
TYPE I MEDIAN INLET (24" PIPE & UNDER)		MI-1	306
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	329

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BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP I DIAGRAMS	IBJL-1	366.1
COLLAR DETAILS FOR BOX STRUCTURES	ICJ-1	367
BOX CULVERT DRAWING - IBS CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 2:1 SLOPE	IBSM-2W	378.1
BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHT 12 FT - SPANS 24'-40' FT.	IBD-12-2W	386.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3	387
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3	388.1
BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	ISK-15-3W	397.2

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. BR-0018-02(045)
COUNTY : ATTALA

WORKING NUMBER DI-2

FILENAME: detailed index.dgn
DESIGN TEAM MAYFIELD CHECKED DATE

SHEET NUMBER 3

BY | REVISION | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/7/2011 11:41 AM DETAILEDINDEX.DGN

STATE	PROJECT NO.
MISS.	BR-0018-02(045)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
BRIDGE SHEETS	(191)		466-656
CROSS SECTION SHEETS	(163)		
MAINLINE & DETOUR	SITE 1		901-914
MAINLINE & DETOUR	SITE 2		915-930
MAINLINE & DETOUR	SITE 3		931-942
MAINLINE & DETOUR	SITE 4		943-960
MAINLINE & DETOUR	SITE'S 5 & 6		961-990
MAINLINE & DETOUR	SITE 7		991-1001
MAINLINE & DETOUR	SITE 8		1002-1017
MAINLINE & DETOUR	SITE 9		1018-1036
MAINLINE & DETOUR	SITE 10		1037-1048
MAINLINE & DETOUR	SITE'S 11 & 12		1049-1064
	TOTAL SHEETS		545

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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GENERAL NOTES (CONTINUED)

21. ALL EXISTING CULVERT PIPES OR OTHER OBSTRUCTIONS THAT CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE AS AN ABSORBED ITEM. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE. (ABSORBED ITEM)

22. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

23. THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.

24. VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. COST TO BE ABSORBED IN OTHER ITEMS.

25. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

GENERAL NOTES

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO. BR-0018-02(045)
COUNTY: ATTALA

WORKING NUMBER GN-2

FILENAME: detailed index.dgn
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SHEET NUMBER 5.1

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ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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STATE	PROJECT NO.
MISS.	BR-0018-02(045)

GENERAL NOTES

1. SEE WK. NO. 3 FOR LIST OF PUBLIC UTILITIES

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. 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 THE MISSISSIPPI STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION. THE BACKFILL MATERIAL IS NOT A SEPARATE PAY ITEM.

6. 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 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.

7. 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. THIS IS PARTICULARLY IMPORTANT AT SITES 3 AND 8 WHERE BOX BRIDGES ARE BEING CONSTRUCTED WITH TIGHT DETOURS. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THEPRICE BID FOR OTHER CONTRACT ITEM. THE DESIGN SHALL BE PROVIDED BY A LICENSED P.E. AND SUBMITTED TO MDOT FOR APPROVAL.

8. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS (SEE WK. NO.'S ICJ-1 AND ICJS-1 FOR DETAILS). A CONCRETE COLLAR (WK. NO. PC-1) IS REQUIRED ON ALL PIPE EXTENSIONS.

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. SEE WORKING NUMBER TEC-2 (SHEET NUMBER 79) FOR INFORMATION PERTAINING TO REQUIRMENTS FOR TYPE A SILT BASINS.

GENERAL NOTES

11. ALL PAVEMENT MARKING SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON THE PLAN SHEETS.

12. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE 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.

13. ALL REINFORCED CONCRETE NON-STACK PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" IN WIDTH (NOT A SEPARATE PAY ITEM). ALL PICKUP HOLES ARE TO BE PLUGGED WITH PLASTIC INSERTS AND BITUMINOUS SEALER TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).

14. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.

15. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIALS.

16. THE REMOVAL OF RAISED PAVEMENT MARKERS IS NOT A SEPARATE PAY ITEM.

17. THE USE OF SELECT BRUSH FROM CLEARING AND GRUBBING WILL BE ALLOWED FOR A BRUSH BARRIER AS APPROVED BY THE CONTRACTOR'S EROSION CONTROL PLANS. BRUSH BARRIERS SHALL BE REMOVED AFTER CONSTRUCTION. COST OF BRUSH BARRIER PLACEMENT AND REMOVAL WILL BE ABSORBED IN PAY ITEM 201-A, CLEARING AND GRUBBING.

18. THE CLEARING LIMITS ADJACENT TO THE STREAMS LISTED BELOW 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:

MUNSON CREEK – STA. 484+00	COLE CREEK – STA. 943+00
HURRICANE CREEK – STA. 597+00	HOLLY BRANCH – STA. 1092+00
JAYBIRD CREEK – STA. 641+50	PANTHER CREEK – STA. 1210+70
LEFLORE CREEK – STA. 782+50	

19. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING MAIL BOXES AS NECESSARY TO MAINTAIN CONTINUOUS MAIL SERVICE THROUGHOUT THE LIFE OF THE PROJECT.

20. BRIDGE DECK SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO THE SWITCHING OF TRAFFIC OFF OF THE DETOUR BACK TO THE MAINLINE.

21. WIRE FENCE BACKING SHALL BE REQUIRED FOR ALL TEMPORARY SILT FENCE.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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SHEET NUMBER 5

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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STATE	PROJECT NO.
MISS.	BR-0018-02(045)

DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS

	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 483+29.21		
U.S. HWY. 12 ACROSS MUNSON CREEK	A 1 OF 14	466
U.S. HWY. 12 ACROSS MUNSON CREEK	A 2 OF 14	467
GENERALIZED SOIL PROFILE	A 3 OF 14	468
END BENT NO. 1 DETAILS	A 4 OF 14	469
END BENT NO. 4 DETAILS	A 5 OF 14	470
END BENT DETAILS	A 6 OF 14	471
INT. BENT NO. 2, & 3 DETAILS	A 7 OF 14	472
40 FT. SPAN DETAILS	A 8 OF 14	473
40 FT. SPAN DETAILS	A 9 OF 14	474
MISC. SPAN DETAILS	A10 OF 14	475
RAILING DETAILS	A11 OF 14	476
BEAM 40-1 DETAILS - TYPE 1+2	A12 OF 14	477
BEAM 40-2 DETAILS - TYPE 1+2	A13 OF 14	478
PRESTRESSED CONCRETE PILE DETAILS	A14 OF 14	479
BRIDGE AT STA. 595+94.21		
U.S. HWY. 12 ACROSS HURRICANE CREEK	B 1 OF 22	480
U.S. HWY. 12 ACROSS HURRICANE CREEK	B 2 OF 22	481
GENERALIZED SOIL PROFILE	B 3 OF 22	482
END BENT NO. 1 DETAILS	B 4 OF 22	483
END BENT NO. 6 DETAILS	B 5 OF 22	484
END BENT DETAILS	B 6 OF 22	485
INT. BENT NO. 2 DETAILS	B 7 OF 22	486
INT. BENT NO. 3 DETAILS	B 8 OF 22	487
INT. BENT NO. 4 DETAILS	B 9 OF 22	488
INT. BENT NO. 5 DETAILS	B10 OF 22	489
40 FT. SPAN NO. 1 DETAILS	B11 OF 22	490
40 FT. SPAN NO. 1 DETAILS	B12 OF 22	491
60 FT. SPAN NOS. 2 & 3 DETAILS	B13 OF 22	492
60 FT. SPAN NOS. 2 & 3 DETAILS	B14 OF 22	493
40 FT. SPAN NOS. 4 & 5 DETAILS	B15 OF 22	494
40 FT. SPAN NOS. 4 & 5 DETAILS	B16 OF 22	495
MISC. SPAN DETAILS	B17 OF 22	496
RAILING DETAILS	B18 OF 22	497
BEAM 40-1 DETAILS - TYPE 1+2	B19 OF 22	498
60 FT. BEAM DETAILS - TYPE 11+2	B20 OF 22	499
BEAM 40-2 DETAILS - TYPE 1+2	B21 OF 22	500
PRESTRESSED CONCRETE PILE DETAILS	B22 OF 22	501

CONTINUED

	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 781+97.21		
U.S. HWY. 12 ACROSS LEFLORE CREEK	C 1 OF 15	502
U.S. HWY. 12 ACROSS LEFLORE CREEK	C 2 OF 15	503
GENERALIZED SOIL PROFILE	C 3 OF 15	504
END BENT NO. 1 DETAILS	C 4 OF 15	505
END BENT NO. 4 DETAILS	C 5 OF 15	506
END BENT DETAILS	C 6 OF 15	507
INT. BENT NO. 2 & 3 DETAILS	C 7 OF 15	508
40 FT. SPAN DETAILS	C 8 OF 15	509
40 FT. SPAN DETAILS	C 9 OF 15	510
MISC. SPAN DETAILS	C10 OF 15	511
RAILING DETAILS	C11 OF 15	512
BEAM 40-1 DETAILS - TYPE 1+2	C12 OF 15	513
BEAM 40-2 DETAILS - TYPE 1+2	C13 OF 15	514
BEARING PAD LAYOUT DETAILS	C14 OF 15	515
PRESTRESSED CONCRETE PILE DETAILS	C15 OF 15	516
BRIDGE AT STA. 922+19.21		
U.S. HWY. 12 ACROSS COLE CREEK TRIBUTARY	D 1 OF 15	517
U.S. HWY. 12 ACROSS COLE CREEK TRIBUTARY	D 2 OF 15	518
GENERALIZED SOIL PROFILE	D 3 OF 15	519
END BENT NO. 1 DETAILS	D 4 OF 15	520
END BENT NO. 7 DETAILS	D 5 OF 15	521
END BENT DETAILS	D 6 OF 15	522
INT. BENT NOS. 2, 3, 5 & 6 DETAILS	D 7 OF 15	523
INT. BENT NOS. 4 DETAILS	D 8 OF 15	524
40 FT. SPAN DETAILS	D 9 OF 15	525
40 FT. SPAN DETAILS	D10 OF 15	526
MISC. SPAN DETAILS	D11 OF 15	527
RAILING DETAILS	D12 OF 15	528
BEAM 40-1 DETAILS - TYPE 1+2	D13 OF 15	529
BEAM 40-2 DETAILS - TYPE 1+2	D14 OF 15	530
PRESTRESSED CONCRETE PILE DETAILS	D15 OF 15	531

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PROJECT 103325/302000
BR-0018-02(045)

ATTALA COUNTY

WORKING NUMBER DI-BR-1

DESIGNED TKB DETAILED TKB TRACED CADD
CHECKED MRD ISSUED MKC DATE 9/11/2009

SHEET NUMBER 6

STATE	PROJECT NO.
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DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS

	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 942+35.21		
U.S. HWY. 12 ACROSS COLE CREEK	E 1 OF 18	532
U.S. HWY. 12 ACROSS COLE CREEK	E 2 OF 18	533
GENERALIZED SOIL PROFILE	E 3 OF 18	534
END BENT NO. 1 DETAILS	E 4 OF 18	535
END BENT NO. 6 DETAILS	E 5 OF 18	536
END BENT DETAILS	E 6 OF 18	537
INT. BENT NO. 2 & 5 DETAILS	E 7 OF 18	538
INT. BENT NO. 3 DETAILS	E 8 OF 18	539
INT. BENT NO. 4 DETAILS	E 9 OF 18	540
40 FT. SPAN DETAILS	E10 OF 18	541
40 FT. SPAN DETAILS	E11 OF 18	542
60 FT. SPAN DETAILS	E12 OF 18	543
60 FT. SPAN DETAILS	E13 OF 18	544
MISC. SPAN DETAILS	E14 OF 18	545
RAILING DETAILS	E15 OF 18	546
40 FT. BEAM DETAILS - TYPE I+2	E16 OF 18	547
60 FT. BEAM DETAILS - TYPE II+2	E17 OF 18	548
PRESTRESSED CONCRETE PILE DETAILS	E18 OF 18	549
BRIDGE AT STA. 1091+45.21		
U.S. HWY. 12 ACROSS HOLLY CREEK	F 1 OF 14	550
U.S. HWY. 12 ACROSS HOLLY CREEK	F 2 OF 14	551
GENERALIZED SOIL PROFILE	F 3 OF 14	552
END BENT NO. 1 DETAILS	F 4 OF 14	553
END BENT NO. 4 DETAILS	F 5 OF 14	554
END BENT DETAILS	F 6 OF 14	555
INT. BENT NO. 2 & 3 DETAILS	F 7 OF 14	556
40 FT. SPAN DETAILS	F 8 OF 14	557
40 FT. SPAN DETAILS	F 9 OF 14	558
MISC. SPAN DETAILS	F10 OF 14	559
RAILING DETAILS	F11 OF 14	560
BEAM 40-1 DETAILS - TYPE I+2	F12 OF 14	561
BEAM 40-2 DETAILS - TYPE I+2	F13 OF 14	562
PRESTRESSED CONCRETE PILE DETAILS	F14 OF 14	563

CONTINUED

	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 1210+14.21		
U.S. HWY. 12 ACROSS PANTHER CREEK	G 1 OF 14	564
U.S. HWY. 12 ACROSS PANTHER CREEK	G 2 OF 14	565
GENERALIZED SOIL PROFILE	G 3 OF 14	566
END BENT NO. 1 DETAILS	G 4 OF 14	567
END BENT NO. 5 DETAILS	G 5 OF 14	568
END BENT DETAILS	G 6 OF 14	569
INT. BENT NO. 2, 3 & 4 DETAILS	G 7 OF 14	570
40 FT. SPAN DETAILS	G 8 OF 14	571
40 FT. SPAN DETAILS	G 9 OF 14	572
MISC. SPAN DETAILS	G10 OF 14	573
RAILING DETAILS	G11 OF 14	574
BEAM 40-1 DETAILS - TYPE I+2	G12 OF 14	575
BEAM 40-2 DETAILS - TYPE I+2	G13 OF 14	576
PRESTRESSED CONCRETE PILE DETAILS	G14 OF 14	577
BRIDGE AT STA. 1337+44.21		
U.S. HWY. 12 ACROSS BEAR CREEK	H 1 OF 14	578
U.S. HWY. 12 ACROSS BEAR CREEK	H 2 OF 14	579
GENERALIZED SOIL PROFILE	H 3 OF 14	580
END BENT NO. 1 DETAILS	H 4 OF 14	581
END BENT NO. 4 DETAILS	H 5 OF 14	582
END BENT DETAILS	H 6 OF 14	583
INT. BENT NO. 2 & 3 DETAILS	H 7 OF 14	584
40 FT. SPAN DETAILS	H 8 OF 14	585
40 FT. SPAN DETAILS	H 9 OF 14	586
MISC. SPAN DETAILS	H10 OF 14	587
RAILING DETAILS	H11 OF 14	588
BEAM 40-1 DETAILS - TYPE I+2	H12 OF 14	589
BEAM 40-2 DETAILS - TYPE I+2	H13 OF 14	590
PRESTRESSED CONCRETE PILE DETAILS	H14 OF 14	591

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