FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-0339-00(005)	1

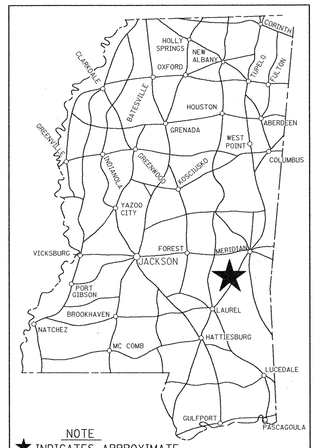
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0339-00(005)

S.R. 513 REPLACE BRIDGE NO.'S
19.0, 19.1, 19.3, 21.5 OVER SOUINLOVEY CREEK
JASPER COUNTY

102492/301000 CONST.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 32°09'34"N LONG. 88°56'53"W
(APPROX. MIDDLE OF SITE 1)

LAT. 32°10'25"N LONG. 88°55'47"W
(APPROX. MIDDLE OF SITE 2)

BRIDGE STRUCTURES REQ'D.

1. STA. 245+23.875 TO STA. 249+46.125
   2 @ 80'; 1 @ 100'; 2 @ 80' SPAN
   BRIDGE REQ'D.
   (LENGTH ALONG C.L.=422.25')
2. STA. 253+33 TO STA. 255+73
   6 @ 40' SPAN BRIDGE REQ'D.
   (LENGTH ALONG C.L.=240.00')
3. STA. 274+40 TO STA. 275+60
   3 @ 40' SPAN BRIDGE REQ'D.
   SKEW 45° LT FWD.
   (LENGTH ALONG C.L.=120.00')
4. STA. 8+70 TO STA. 9+90 (LOCAL RD.)
   3 @ 40' SPAN BRIDGE REQ'D.
   SKEW 20° RT. FWD.
   (LENGTH ALONG C.L.=120.00')

BOX BRIDGES REQ'D.

SITE 1

GPS CONTROL NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:

	NAD' 83-93	MS EAST ZONE
CONTROL STATION	NORTH	EAST
ROSE	957234.365	939075.947
E 223	1023656.211	890551.504

VERTICAL DATUM
NAVD 88 GPS DERIVED

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

CONVERSION VALUES	BOP	EOP
GROUND TO GRID FACTOR	0.999937963	0.999939656
GRID TO GROUND CORRECTION	1.0000620413	1.0000603488
GRID TO GEODETIC AZIMUTH	-0°04'11.4	-0°04'04.6

SITE 2

GPS CONTROL NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:

	NAD' 83/93	MS EAST ZONE
CONTROL STATION	NORTH	EAST
GRANTHAM	870001.488	854359.036
KEY RESET	1032045.823	1012366.153

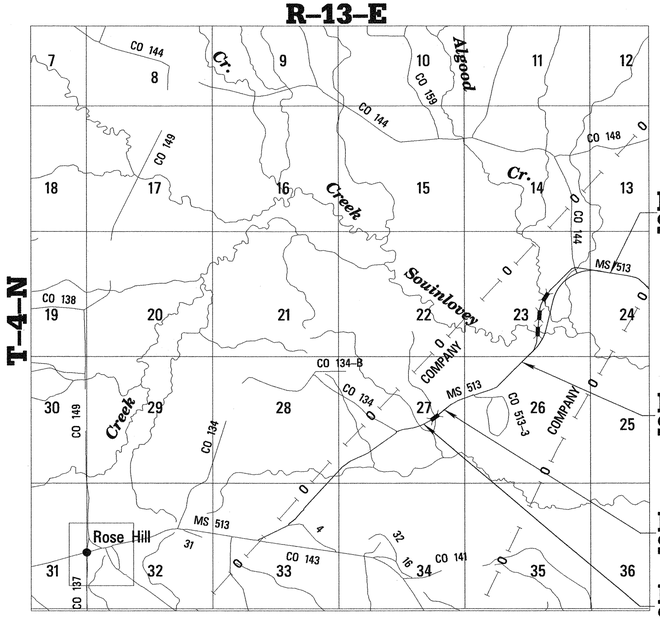
VERTICAL DATUM
NAVD 88 BY CONVENTIONAL LEVELING

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

CONVERSION VALUES	BOP	EOP
GROUND TO GRID FACTOR	0.999936489	0.999936443
GRID TO GROUND CORRECTION	1.000063515	1.000063561
GRID TO GEODETIC AZIMUTH	-00°03'14.2	-00°02'57.1

R-13-E

T-4-N



E.O.P.\E.O.C. SITE 2
STA. 300+00

B.O.P. SITE 2
STA. 229+00

E.O.C. SITE 1
STA. 138+03.082

B.O.P.\B.O.C. SITE 1
STA. 125+00

N

DESIGN CONTROL
55 MPH = V (SPEED DESIGN)
ADT (2001) = 900 : ADT (2021) = 1500
DHV = 180 : D = 50 % T = 14 %

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 +)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCR DATE: 04/07/10

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 291+56.957 BK= -368.993'
STA 295+25.950 AH

EXCEPTIONS

LENGTH DATA

	SITE 1		SITE 2		PROJECT TOTAL	
LENGTH OF ROADWAY	1303.08 FT.	0.247 MI.	5951.00 FT.	1.127 MI.	7254.08 FT.	1.374 MI.
LENGTH OF BRIDGES	0.00 FT.	0.000 MI.	780.00 FT.	0.147 MI.	780.00 FT.	0.147 MI.
LENGTH OF PROJECT (NET)		0.247 MI.		1.274 MI.		1.521 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.	0.00 FT.	0.000 MI.	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		0.247 MI.		1.274 MI.		1.521 MI.

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR P.E. 13791 L.S. 2073 STATE OF MISSISSIPPI 4/7/10

43

DATE	REVISIONS	BY

APPROVED: 4/7/10
CHIEF ENGINEER DATE

4/7/10
EXECUTIVE DIRECTOR DATE

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

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-0339-00(005)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET (1)			1
DETAILED INDEX AND GENERAL NOTES (2)			
DETAILED INDEX		DI-1	2
DETAILED INDEX & GENERAL NOTES		DI-2	3
DETAILED INDEX - BRIDGE (1)		DI-3	4
TYPICAL SECTIONS (4)			
TYPICAL SECTIONS - SITE 1		TS-1	5
TYPICAL SECTIONS - SITE 2		TS-2	6
TYPICAL SECTIONS - WIDENING & OVERLAY		TS-3	7
TYPICAL SECTION - CONSTRUCTION AND REMOVAL OF DETOUR ROAD		TS-4	8
QUANTITY SHEETS (8)			
SUMMARY OF QUANTITIES - ROADWAY		SQ-1	9
SUMMARY OF QUANTITIES - ROADWAY		SQ-2	10
SUMMARY OF QUANTITIES - BRIDGE		SQ-3	11
ESTIMATED QUANTITIES - ROADWAY		EQ-1	12
ESTIMATED QUANTITIES - ROADWAY		EQ-2	13
ESTIMATED QUANTITIES - PAVEMENT MARKINGS		EQ-3	14
ESTIMATED QUANTITIES - BRIDGE		EQ-4	15
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS		TCP-Q	16
PLAN AND PROFILE SHEETS (6)			
STA. 119+00 TO STA. 143+00 - SITE 1		WK-3	17
DETOUR - SITE 1		WK-3A	18
STA. 224+00 TO STA. 250+00 - SITE 2		WK-4	19
STA. 250+00 TO STA. 280+00 - SITE 2		WK-5	20
STA. 280+00 TO STA. 303+00 - SITE 2		WK-6	21
LOCAL ROAD @ STA. 280+59.54 - SITE 2		WK-6A	22
SPECIAL DESIGN ROADWAY SHEETS (63)△1			
DETAIL OF CONSTRUCTION SIGNING - SITE 1		DCS-1	23
DETAIL OF CONSTRUCTION SIGNING - SITE 2 - PHASE 1		DCS-2	24
DETAIL OF CONSTRUCTION SIGNING - SITE 2 - PHASE 1		DCS-3	25
DETAIL OF CONSTRUCTION SIGNING - SITE 2 - PHASE 2		DCS-4	26
DETAIL OF CONSTRUCTION SIGNING - SITE 2 - PHASE 2		DCS-5	27
DETAIL OF CONSTRUCTION SIGNING- SITE 2 - PHASE 3		DCS-6	28
TRAFFIC CONTROL PLAN - SITE 1		TC-1	29
TRAFFIC CONTROL PLAN - SITE 1		TC-2	30
INTERSECTION DETAIL @ STA. 136+52.49		D-1	31
INTERSECTION DETAIL @ STA. 280+59.54		D-2	32
STRIPING DETAIL @ STA. 136+52.49		PMD-1	33
STRIPING DETAIL @ STA. 280+59.54		PMD-2	34
PERMANENT SIGNING DETAIL		PSD-1	35
PERMANENT SIGNING DETAIL		PSD-2	36
PERMANENT SIGNING DETAIL		PSD-3	37
GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)		GR-2F	38
GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)		GR-2G	39
GUARDRAIL: RUB RAIL HARDWARE SHEET		GR-RR	40
GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS		TGR-1	41
RIGHT OF WAY MARKER		RW-1	42
BRIDGE END PAVEMENT		BE-1A	43
32" BRIDGE END PAVEMENT RAIL		BEPR-1	44
TRAFFIC CONTROL DETAILS: DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	45
FLEXIBLE PIPE STANDARD		HDPE-1	46
VEGETATION SCHEDULE		VS-1	47
RIGHT OF WAY MARKERS-COORDINATE SHEET		RMC-1	48
DETAILS OF DITCH TREATMENT		DT-1	49
EROSION CONTROL DESIGN SHEETS		ECD-1 TO ECD-20	50-69
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)		TEC-2	70
SPECIAL DESIGN: RUMBLE STRIPES (GROUND IN) 2 LANE		RS-2L	70.01△1

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
PRELIMINARY EROSION CONTROL PLAN SHEETS (6)			
EROSION CONTROL PLAN		ECP-3	71
EROSION CONTROL PLAN		ECP-3A	72
EROSION CONTROL PLAN		ECP-4	73
EROSION CONTROL PLAN		ECP-5	74
EROSION CONTROL PLAN		ECP-6	75
EROSION CONTROL PLAN		ECP-6A	76
PRLIMINARY EROSION CONTROL PLAN SHEETS- BRIDGE (8)			
EROSION CONTROL PLAN- BRIDGE		ECP-BR1	77
EROSION CONTROL PLAN- BRIDGE		ECP-BR2	78
EROSION CONTROL PLAN- BRIDGE		ECP-BR3	79
EROSION CONTROL PLAN- BRIDGE		ECP-BR4	80
EROSION CONTROL PLAN- BRIDGE		ECP-BR5	81
EROSION CONTROL PLAN- BRIDGE		ECP-BR6	82
EROSION CONTROL PLAN- BRIDGE		ECP-BR7	83
EROSION CONTROL PLAN- BRIDGE		ECP-BR8	84

S.D. & W.

PS & E PLANS-DATE 4/7/10		
FMS CON. # 102492/301000		
REVISIONS		
DATE	SHEET NO.	BY
4/9/10	5, 6, 7	DSP
4/29/10	2,3,4,9,10,70.01	LLS

△1

DATE	REVISION	BY
4/29/10	ADDED SHEET NO. 70.01	LLS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. BR-0339-00(005)
COUNTY : JASPER

WORKING NUMBER DI-1

FILENAME: DI-1.DGN

DESIGN TEAM SD&W CHECKED DATE

SHEET NUMBER 2

43

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/10/2010 11:24AM DI-1.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-0339-00(005)

DESCRIPTION OF SHEET (CONT'D.)

	REVISION DATE	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY (25)			
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
GUARDRAIL: "W" BEAM (WOOD POSTS)	3-01-02	GR-1	180
GUARDRAIL: THRIE BEAM (WOOD POSTS)	3-01-02	GR-1A	181
GUARDRAIL: "W" BEAM (STEEL POSTS)	3-01-02	GR-1B	182
GUARDRAIL: MODIFIED THRIE BEAM (STEEL POSTS)	3-01-02	GR1-C	183
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	3-01-02	GR-4A	195
GUARDRAIL: MISCELLANEOUS HARDWARE	3-01-02	GR-HW	202
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	226
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4B	227
BREAK-AWAY SIGN SUPPORTS		SN-6B	231
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL GUARDRAIL DELINEATION	3-01-02	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250
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-LAND AND 4-LANE DIVIDED HIGHWAYS	12-01-99	TCP-15	264
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SPUR DIKE: EARTH	12-01-99	ED-1	274
SUPERELEVATION TRANSITION-CASE 1 (2% NORMAL SUBGRADE)	3-01-02	SE-2A	276
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
STANDARD DRAWINGS - BRIDGE (11)			
BASIC DRAWING-BARREL JOINT LOCATIONS-NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS		IBJL-1	366.1
SKEWED COLLAR DETAILS FOR BOX STRUCTURES		ICJS-1	368
BASIC CULVERT DRAWING-SINGLE CELL-HEIGHT 8 FT.-SPANS 8-20 FT.		IBS-8-2W	371.1
BASIC CULVERT DRAWING-SINGLE CELL-HEIGHT 8 FT.-SPANS 8-20 FT.		IBS-8-2W	371.2
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING-SINGLE CEL-HEIGHTS 6-12 FT.-SPANS 6-24 FT.		IWS-3	374
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING-SINGLE CEL-HEIGHTS 6-12 FT.-SPANS 6-24 FT.		IWS-3	375.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING-SINGLE CEL-HEIGHTS 6-12 FT.-SPANS 6-24 FT.		IWS-3	375.2
BOX CULVERT DRAWING-IBS CULVERTS MODIFIED FOR HIGH COVER- WINGS WITH 3:1 SLOPE		IBSM-3W	380
BOX CULVERT DRAWING-IBS CULVERTS MODIFIED FOR HIGH COVER- WINGS WITH 3:1 SLOPE		IBSM-3W	381
BOX CULVERT DRAWING-30 DEG. SKEW DETAILS- WINGS WITH 3:1 SLOPE-SINGLE & DOUBLE CELL CULVERTS		ISK-30-3W	400.1
BOX CULVERT DRAWING-30 DEG. SKEW DETAILS- WINGS WITH 3:1 SLOPE-SINGLE & DOUBLE CELL CULVERTS		ISK-30-3W	400.2
CROSS SECTIONS (20)			
SITE 1			901-904
SITE 2			905-917
LOCAL ROAD @ STA. 280+59.54			918-919

TOTAL SHEETS (ROADWAY) 141 △1

GENERAL NOTES

1. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILIABLE 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.

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

3. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).

4. FLUORESCENT 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.

5. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).

6. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLAN, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

7. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.

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

9. 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.

10. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

11. 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.

12. FOR A LIST OF PUBLIC UTILITIES, SEE WORKING SHEET NO 3.

13. 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)

14. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC. SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

15. WIRE FENCE SHALL BE REQUIRED FOR ALL SILT FENCE.

16. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO FABRICATION.

17. FULL COLLARS ARE REQUIRED AT ALL BOX CULVERT CONSTRUCTION JOINTS (SEE ICJS-1 FOR DETAILS).

MISSISSIPPI REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR P.E. 12791 L.S. 2973 STATE OF MISSISSIPPI 5/9/10

DATE	REVISION	BY
4/29/10	REVISED TOTAL SHEETS △1	LLS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX AND GENERAL NOTES

PROJECT NO. BR-0339-00(005)
COUNTY : JASPER

WORKING NUMBER DI-2

FILENAME: DI-2.DGN

DESIGN TEAM ___ SD&W ___ CHECKED ___ DATE ___

SHEET NUMBER 3

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/29/2010 1:51:19:08 DI-2.DGN

1st O. REV.

STATE	PROJECT NO.
MISS.	BR-0339-00(005)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 245+23.875		
SR 513 ACROSS SOUINLOVEY CREEK (LAYOUT)	A1 OF 19	466
SR 513 ACROSS SOUINLOVEY CREEK (FOUNDATION)	A2 OF 19	467
TRANSITION DIAGRAM	A3 OF 19	468
GENERALIZED SOIL PROFILE	A4 OF 19	469
END BENT NO. 1 DETAILS	A5 OF 19	470
END BENT NO. 6 DETAILS	A6 OF 19	471
END BENT DETAILS	A7 OF 19	472
INT. BENT NO. 2 DETAILS	A8 OF 19	473
INT. BENTS NO. 3 & 4 DETAILS	A9 OF 19	474
INT. BENT NO. 5 DETAILS	A10 OF 19	475
80 FT. SPAN NO. 1, 2 & 4 DETAILS	A11 OF 19	476
100 FT. SPAN NO. 3 DETAILS	A12 OF 19	477
80 FT. SPAN NO. 5 DETAILS	A13 OF 19	478
80 FT. SPAN DETAILS	A14 OF 19	479
100 FT. SPAN DETAILS	A15 OF 19	480
MISCELLANEOUS SPAN DETAILS	A16 OF 19	481
RAILING DETAILS	A17 OF 19	482
80 FT. BEAM DETAILS (END AND INT. SPANS) - TYPE III	A18 OF 19	483
100 FT. BEAM DETAILS (END AND INT. SPAN) - TYPE IV	A19 OF 19	484
BRIDGE AT STA. 253+32.21		
SR 513 ACROSS ALGOOD CREEK (LAYOUT)	B1 OF 14	485
SR 513 ACROSS ALGOOD CREEK (FOUNDATION)	B2 OF 14	486
GENERALIZED SOIL PROFILE	B3 OF 14	487
END BENT NO. 1 DETAILS	B4 OF 14	488
END BENT NO. 7 DETAILS	B5 OF 14	489
END BENT DETAILS	B6 OF 14	490
INT. BENTS NO. 2, 3, 5 & 6 DETAILS	B7 OF 14	491
INT. BENT NO. 4 DETAILS	B8 OF 14	492
40 FT. SPAN DETAILS	B9 OF 14	493
SPAN DETAILS	B10 OF 14	494
MISCELLANEOUS SPAN DETAILS	B11 OF 14	495
RAILING DETAILS	B12 OF 14	496
40 FT. BEAM DETAILS (END SPANS) - TYPE 1+2	B13 OF 14	497
40 FT. BEAM DETAILS (INT. SPANS) - TYPE 1+2	B14 OF 14	498

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 274+38.84		
SR 513 ACROSS UNNAMED CREEK (LAYOUT)	C1 OF 18	499
SR 513 ACROSS UNNAMED CREEK (FOUNDATION)	C2 OF 18	500
GENERALIZED SOIL PROFILE	C3 OF 18	501
END BENT NO. 1 DETAILS	C4 OF 18	502
END BENT NO. 4 DETAILS	C5 OF 18	503
END BENT DETAILS	C6 OF 18	504
INT. BENT NO. 2 DETAILS	C7 OF 18	505
INT. BENT NO. 3 DETAILS	C8 OF 18	506
40 FT. SPAN NO. 1 DETAILS	C9 OF 18	507
40 FT. SPAN NO. 1 DETAILS	C10 OF 18	508
40 FT. SPAN NO. 2 DETAILS	C11 OF 18	509
40 FT. SPAN NO. 2 DETAILS	C12 OF 18	510
40 FT. SPAN NO. 3 DETAILS	C13 OF 18	511
40 FT. SPAN NO. 3 DETAILS	C14 OF 18	512
SPAN DETAILS	C15 OF 18	513
MISCELLANEOUS SPAN DETAILS	C16 OF 18	514
RAILING DETAILS	C17 OF 18	515
40 FT. BEAM DETAILS (END AND INT. SPANS) - TYPE 1+2	C18 OF 18	516
BRIDGE AT STA. 8+69.16		
LOCAL ROAD ACROSS UNNAMED CREEK (LAYOUT)	D1 OF 13	517
LOCAL ROAD ACROSS UNNAMED CREEK (FOUNDATION)	D2 OF 13	518
GENERALIZED SOIL PROFILE	D3 OF 13	519
END BENT NO. 1 DETAILS	D4 OF 13	520
END BENT NO. 4 DETAILS	D5 OF 13	521
END BENT DETAILS	D6 OF 13	522
INT. BENTS NO. 2 & 3 DETAILS	D7 OF 13	523
40 FT. SPAN DETAILS	D8 OF 13	524
SPAN DETAILS	D9 OF 13	525
MISCELLANEOUS SPAN DETAILS	D10 OF 13	526
RAILING DETAILS	D11 OF 13	527
40 FT. BEAM DETAILS (END SPAN) - TYPE 1+2	D12 OF 13	528
40 FT. BEAM DETAILS (INT. SPAN) - TYPE 1+2	D13 OF 13	529

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
4/27/10	470, -472, 488 -	
	490, 502-504 +	
	520 - 522	JB

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX
(BRIDGE)

PROJECT 102492/301000
BR-0339-00(005)

JASPER COUNTY

WORKING NUMBER D1-3

SHEET NUMBER 4

DESIGNED MRD DETAILED MRD TRACED CADD
CHECKED BBT ISSUED MKC DATE 1/6/2010

REVISIONS DATE BY