

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NHS-0010-01(145)	1

GENERAL INDEX

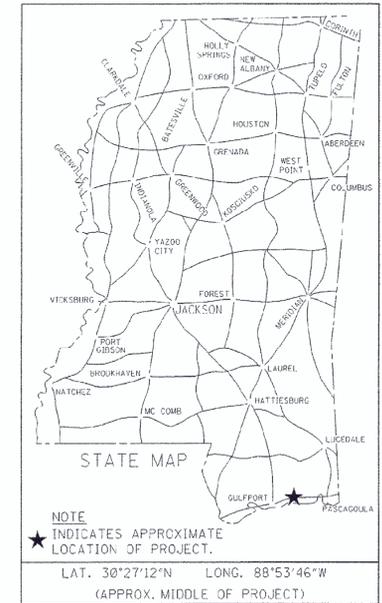
INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input checked="" type="checkbox"/> PERMANENT SIGNS	1001
<input checked="" type="checkbox"/> TRAFFIC SIGNALS	2001
<input type="checkbox"/> ITS COMPONENTS	3001
<input type="checkbox"/> LIGHTING	4001
<input type="checkbox"/> (RESERVED)	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS	6001
<input type="checkbox"/> BRIDGE STANDARD DWGS	7001
<input checked="" type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NHS-0010-01(145)

I-10/I-110 INTERCHANGE HARRISON COUNTY F.M.S. CONST. 105281 / 302000



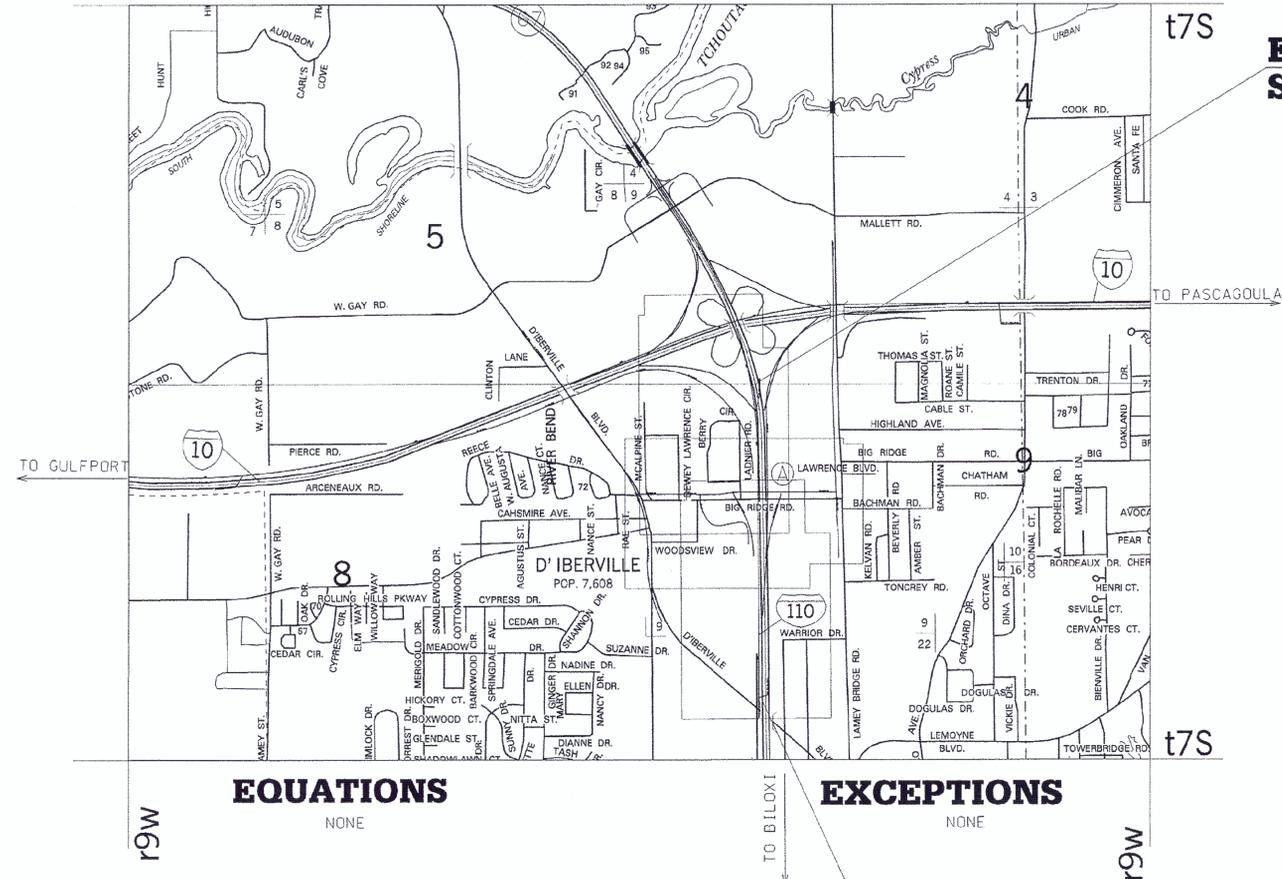
SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 200 FT.

BRIDGE STRUCTURES REQ'D.

I-110 OVERPASS @ BIG RIDGE ROAD
 STA. 25+43.00 TO STA. 29+10.00
 1 @ 67.50 FT., 2 @ 95 FT., 1 @ 104.50 FT.,
 LENGTH ALONG C = 367 FT.

BOX BRIDGES REQ'D.
 NONE



E.O.P.
STA 402 + 00.000



DESIGN CONTROL
 70 MPH = V (SPEED DESIGN)

ADT (2000) = 48000; ADT (2039) = 114000
 DHV = .3610 : D = 60% T = 5%

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

STORMWATER PERMIT

Y REQUIRED. CNCI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
 S REQUIRED. SNCI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
 N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: *[Signature]* DATE: 6/17/13

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD 83/2007 MS EAST ZONE (US SURVEY FEET)

HORIZONTAL MONUMENT	NORTH	EAST
VAN RM1	396,263.06	1,019,372.58
SAUCIER RM 2	409,277.32	889,146.96
GULFPORT RESET	313,275.46	897,143.58

VERTICAL DATUM: NAVD 88 (US SURVEY FEET)

VERTICAL MONUMENT	ELEVATION
15 V 3	34.97
15 V 4	48.05

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES PROJECT AVERAGE

GROUND TO GRID (COMBINED) FACTOR	0.9999526875
GRID TO GEODETIC AZIMUTH	-00° 01' 54"

EQUATIONS
 NONE

EXCEPTIONS
 NONE

LENGTH DATA

LENGTH OF ROADWAY	4005.30 FT.	0.758 MI.
LENGTH OF BRIDGES	0 FT.	0.000 MI.
LENGTH OF PROJECT (NET)		0.758 MI.
LENGTH OF EXCEPTIONS	0 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		0.758 MI.

B.O.P.
STA 361 + 94.700



APPROVED:	<i>[Signature]</i> 6/17/13
CHIEF ENGINEER	DATE
EXECUTIVE DIRECTOR	<i>[Signature]</i> 6/17/13
DATE	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	
DIVISION ADMINISTRATOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

ADDENDUM

STATE	PROJECT NO.
MISS.	NHS-0010-01(145)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE (1)		1	INTERCHANGE LAYOUT SHEETS (2)		
DETAILED INDEX & GENERAL NOTES (4)			INTERCHANGE LAYOUT - BIG RIDGE RAMPS, BONEY AVE & BIG RIDGE RD	WK-15	43
DETAILED INDEX	DI-1	2	INTERCHANGE LAYOUT - I-110 & LEG RAMPS	WK-16	44
DETAILED INDEX	DI-2	3			
DETAILED INDEX	DI-3	4	INTERSECTION DETAIL SHEETS (3)		
GENERAL NOTES	GN-1	5	INTERSECTION DETAIL SHEET - BIG RIDGE RD @ BONEY AVE	ID-1	45
SEE BRIDGE PLANS FOR BRIDGE DETAILED INDEX SHEET			INTERSECTION DETAIL SHEET - BIG RIDGE RD @ BIG RIDGE ON RAMP	ID-2	46
			INTERSECTION DETAIL SHEET - BIG RIDGE RD @ BIG RIDGE OFF RAMP	ID-3	47
TYPICAL SECTION SHEETS (7)					
TYPICAL SECTION - BIG RIDGE ROAD	TS-1	6	DETAIL PLAN SHEETS (6)		
TYPICAL SECTION - BONEY AVENUE	TS-2	7	ROW MARKERS - I-110, BIG RIDGE RAMPS & BONEY AVE	DP-1	48
TYPICAL SECTION - SW LEG RAMP & SE LEG RAMP	TS-3	8	ROW MARKERS - BIG RIDGE RD	DP-2	49
TYPICAL SECTION - BIG RIDGE OFF RAMP, BIG RIDGE ON RAMP	TS-4	9	ROW MARKERS - I-110, SW LEG RAMP & SE LEG RAMP	DP-3	50
TYPICAL SECTION - I-110	TS-5	10	PAVEMENT REMOVAL - I-110, BIG RIDGE RAMPS & BONEY AVE	DP-4	51
TYPICAL SECTION - MISCELLANEOUS DETAILS	TS-6	11	PAVEMENT REMOVAL - BIG RIDGE RD	DP-5	52
TYPICAL SECTION - MISCELLANEOUS DETAILS	TS-7	12	PAVEMENT REMOVAL - I-110, SW LEG RAMP & SE LEG RAMP	DP-6	53
QUANTITY SHEETS (18)			FORM GRADE SHEET (7)		
SUMMARY OF QUANTITIES	SQS-1	13	FORM GRADES - I-110	FG-1	54
SUMMARY OF QUANTITIES	SQS-2	14	FORM GRADES - I-110	FG-2	55
SUMMARY OF QUANTITIES	SQS-3	15	FORM GRADES - I-110 & BIG RIDGE ON RAMP	FG-3	56
SUMMARY OF QUANTITIES	SQS-4	16	FORM GRADES - I-110 & BIG RIDGE RAMPS	FG-4	57
SEE BRIDGE PLANS FOR BRIDGE SUMMARY OF QUANTITIES SHEET			FORM GRADES - I-110	FG-5	58
			FORM GRADES - I-110 & SW LEG RAMP	FG-6	59
			FORM GRADES - BIG RIDGE ROAD & BONEY AVE	FG-7	60
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	17	PAVEMENT MARKING SHEETS (6)		
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-2	18	PAVEMENT MARKINGS - I-110	PMD-1	61
ESTIMATED QUANTITIES - CURB & GUTTER, BRIDGE END PAVEMENT, DRIVEWAYS, NOISE WALL, EST. EARTHWORK	EQ-3	19	PAVEMENT MARKINGS - I-110, BIG RIDGE RAMPS & BONEY AVE	PMD-2	62
ESTIMATED QUANTITIES - TYPE 4 BARRIER, GUARDRAIL, PERMANENT BARRICADES, FENCE	EQ-4	20	PAVEMENT MARKINGS - I-110 & SE LEG RAMP	PMD-3	63
ESTIMATED QUANTITIES - PAVEMENT MARKINGS	EQ-5	21	PAVEMENT MARKINGS - SW LEG RAMP	PMD-4	64
ESTIMATED QUANTITIES - CULVERT HYDRAULIC DESIGN, JUNCTION BOXES, EROSION CONTROL ITEMS	EQ-6	22	PAVEMENT MARKINGS - I-110, BIG RIDGE RD, BIG RIDGE RAMPS & BONEY AVE	PMD-5	65
ESTIMATED QUANTITIES - DRAINAGE SUMMARY, SIDE DRAINS	EQ-7	23	PAVEMENT MARKINGS - I-110, BIG RIDGE RD & BIG RIDGE RAMPS	PMD-6	66
ESTIMATED QUANTITIES - SUMMARY OF TRAFFIC SIGNAL QUANTITIES	EQ-8	24	TRAFFIC CONTROL SHEETS (11)		
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-9	25	TRAFFIC CONTROL PLAN ADVANCED WARNING SIGN OVERALL	TCPH-A	67
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-10	26	TRAFFIC CONTROL PLAN BIG RIDGE ROAD DETOUR	TCPH-B	68
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-11	27	TRAFFIC CONTROL PLAN I-110 DETOUR	TCPH-C	69
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-12	28	TRAFFIC CONTROL PLAN I-110 DETOUR	TCPH-D	70
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES	EQ-13	29	TRAFFIC CONTROL PLAN DETOUR SIGNS	TCPH-E	71
ESTIMATED QUANTITIES - DIRECTIONAL SIGN ASSEMBLIES, DELINEATORS, OVERHEAD MOUNTED SIGNS	EQ-14	30	TRAFFIC CONTROL PLAN - PHASE I	TC-1	72
SEE BRIDGE PLANS FOR BRIDGE ESTIMATED QUANTITIES SHEET			TRAFFIC CONTROL PLAN - PHASE I	TC-2	73
			TRAFFIC CONTROL PLAN - PHASE I	TC-3	74
			TRAFFIC CONTROL PLAN - PHASE II	TC-4	75
			TRAFFIC CONTROL PLAN - PHASE II	TC-5	76
			TRAFFIC CONTROL PLAN - PHASE II	TC-6	77
PLAN/PROFILE SHEETS (12)					
PLAN SHEET - I-110, BIG RIDGE RAMPS & BONEY AVE	WK-3	31			
PLAN SHEET - I-110, SW LEG RAMP & SE LEG RAMP	WK-4	32			
PROFILE SHEET - BIG RIDGE ON RAMP	WK-5	33			
PROFILE SHEET - BIG RIDGE OFF RAMP	WK-6	34			
PROFILE SHEET - BONEY AVE	WK-7	35			
PROFILE SHEET - SW LEG RAMP (LT SIDE DRAINAGE)	WK-8	36			
PROFILE SHEET - SW LEG RAMP (RT SIDE DRAINAGE)	WK-9	37			
PROFILE SHEET - SE LEG RAMP (LT SIDE DRAINAGE)	WK-10	38			
PROFILE SHEET - SE LEG RAMP (RT SIDE DRAINAGE)	WK-11	39			
PLAN SHEET - BIG RIDGE ROAD	WK-12	40			
PROFILE SHEET - BIG RIDGE ROAD (LT SIDE DRAINAGE)	WK-13	41			
PROFILE SHEET - BIG RIDGE ROAD (RT SIDE DRAINAGE)	WK-14	42			

8/13/2013 11:11 AM DL-SH.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION



VOLKERT, INC.		
PS & E PLANS-DATE 6/17/13		
FMS CON. # 105281/302000		
REVISIONS		
DATE	SHEET NO.	BY
8-13-13	3-5, 13, 15-16, 19-20,	DTD
	31, 61, 127-132,	
	1007, 9032-9034	

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		DETAILED INDEX	
DATE		 PROJ. NO. NHS-0010-01(145) COUNTY: HARRISON WORKING NUMBER DI-1	
FILENAME: DI-SH.DGN		SHEET NUMBER	
DESIGN TEAM VOLKERT CHECKED DTD DATE 8/13/2013		2	

ADDENDUM

STATE	PROJECT NO.
MISS.	NHS-0010-01(145)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PRELIMINARY EROSION CONTROL PLAN SHEETS (3)			TRAFFIC SIGNAL & ITS PLANS AND DETAIL SHEETS (7)		
EROSION CONTROL PLAN - I-110, BIG RIDGE RAMPS & BONEY AVE	ECP-3	78	TRAFFIC SIGNAL INSTALLATION - BIG RIDGE ROAD @ BIG RIDGE OFF RAMP	TSI-1	2001
EROSION CONTROL PLAN - I-110, SW LEG RAMP & SE LEG RAMP	ECP-4	79	TRAFFIC SIGNAL INSTALLATION - BIG RIDGE ROAD @ LAMEY BRIDGE ROAD	TSI-2	2002
EROSION CONTROL PLAN - BIG RIDGE RD	ECP-12	80	SIGNAL TIMINGS	TSI-3	2003
SPECIAL DESIGN DRAWINGS (46)			DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES	TSD-1	2004
VEGETATION SCHEDULE	VS-1	81	PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	2005
BRIDGE END PAVEMENT WITH RAIL AND OVERLAY	BE-1C	82	TYPICAL DETAILS OF CONTROLLER CABINET MOUNTING AND MISCELLANEOUS DETAILS	TSD-5	2006
33.5" BRIDGE END PAVEMENT RAIL	BE-PR-1B	83	MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-6	2007
PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS	SDPM-2	84			
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL AND TAPER)	SDPM-3	85	STANDARD DRAWINGS - ROADWAY SHEETS (61)		
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL AND TAPER)	SDPM-4	86	PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-1-99	PM-1 6120
DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	87	PAVEMENT MARKING LEGEND DETAILS		PM-5 6124
TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	88	PAVEMENT MARKING LEGEND DETAILS		PM-6 6125
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	89	EROSION CONTROL		EC-1 6140
DETAILS OF SILT FENCE INSTALLATION	ECD-3	90	FENCE: WOVEN WIRE - TIMBER POSTS		WW-1 6160
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	91	FENCE: CHAIN LINK - CLASS II	3-1-02	CL-2 6163
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	92	FENCE: TYPICAL INSTALLATION AT DRAINAGE STRUCTURES		FI-2 6165
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	93	FENCE: TYPICAL INSTALLATION AT DITCH CROSSINGS AND FENCE ENDINGS		FI-3 6166
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	94	FENCE: CHAIN LINK GATE	3-1-02	CLG-1 6168
ROCK DITCH CHECK	ECD-8	95	GUARD RAIL: "W" BEAM (WOOD POSTS)	3-1-02	GR-1 6180
ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	96	GUARD RAIL: THRIE BEAM (WOOD POSTS)	3-1-02	GR-1A 6181
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	97	GUARD RAIL: "W" BEAM (STEEL POSTS)	3-1-02	GR-1B 6182
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS	ECD-11	98	GUARD RAIL: MODIFIED THRIE BEAM (STEEL POSTS)	3-1-02	GR-1C 6183
INLET PROTECTION DETAILS OF WATTLES	ECD-12	99	GUARD RAIL: BRIDGE END SECTION-TYPE H (STEEL POSTS)		GR-2D 6188
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	100	GUARD RAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)	3-1-02	GR-3 6192
INLET PROTECTION DETAILS OF SAND BAG	ECD-14	101	GUARD RAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	3-1-02	GR-3A 6193
STABILIZED CONSTRUCTION ENTRANCE	ECD-15	102	GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	12-1-99	GR-4 6194
TEMPORARY CULVERT STREAM CROSSING	ECD-16	103	GUARD RAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	3-1-02	GR-4C 6197
TEMPORARY STREAM DIVERSION	ECD-17	104	GUARDRAIL: MISCELLANEOUS HARDWARE	3-1-02	GR-HW 6202
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	105	MEDIAN BARRIER: CONCRETE (CAST-IN-PLACE)		MB-2 6204
FLOATING TURBIDITY CURTAIN	ECD-19	106	MEDIAN BARRIER: CONCRETE (PRECAST)		MB-2A 6205
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	107	ROUTE SHIELDS AND "EXIT ONLY" PANELS		SN-2 6221
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	TEC-2	108	STANDARD ROADSIDE SIGNS		SN-3 6222
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN) (RIPRAP DIKE SILT BASIN)	TEC-D	109	STANDARD ROADSIDE SIGNS	3-1-02	SN-3A 6223
GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)	GR-2G	110	STANDARD ROADSIDE SIGNS		SN-3B 6224
GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)	GR-2F	111	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4 6225
GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	112	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A 6226
BREAKAWAY SIGN SUPPORTS	SDSN-6B	113	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4B 6227
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SDSN-8	114	TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS		SN-5 6228
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	SDTCP-4	115	BREAK-AWAY SIGN SUPPORTS		SN-6 6229
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	SDTCP-10	116	BREAK-AWAY SIGN SUPPORTS		SN-6A 6230
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	117	SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	3-1-02	SN-7 6232
LANE CLOSURE DETAILS FOR FULL DEPTH CONCRETE PAVEMENT REPAIR	LCD-1	118	TYPICAL INSTALLATION OF DELINEATORS		SN-8A 6234
LOCATION OF R16-3 SIGNS	LRS-1	119	TYPICAL GUARD RAIL DELINEATION	3-1-02	SN-8C 6236
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SDRO-1	120	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO-WAY TRAFFIC)		TCP-1 6250
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	121	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP-5 6254
SUPERELEVATION TRANSITION ROTATION ABOUT CENTERLINE (URBAN FACILITY, V<45 MPH)	SDSE-2G	122	SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8 6257
TCP: PERMANENT BARRICADE WITH BERM	TCP-P	123	SHORT DURATION CLOSING OF DIVIDED HIGHWAYS		TCP-9 6258
DRIVEWAYS, CURB & GUTTER & SIDEWALK	SDSD-1	124	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-1-99	TCP-11 6260
DRIVEWAYS, INTEGRAL CURB & SIDEWALK	SDSD-2	125	DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS		TCP-12 6261
FENCE: TYPICAL INSTALLATION AT BRIDGES	SDFI-1	126	TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)		TCP-13 6262
NOISE WALL SHEETS (6)			TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-14 6263
TYPICAL SECTION - MISCELLANEOUS DETAILS	TS-8	127	TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS		TCP-15 6264
PROFILE SHEET - NOISE WALL	WK-17	128	TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED ROADWAYS		TCP-16 6265
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NOISE BARRIER WALL - BORING 3&4	NWB-2	130			
NOISE BARRIER WALL - BORING 5&6	NWB-3	131			
NOISE BARRIER WALL - BORING 7&8	NWB-4	132			
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PERMANENT SIGNING PLANS	PSP-1	1001			
PERMANENT SIGNING PLANS - DELINEATOR LAYOUT	PSP-1A	1002			
PERMANENT SIGNING PLANS	PSP-2	1003			
PERMANENT SIGNING PLANS - DELINEATOR LAYOUT	PSP-2A	1004			
PERMANENT SIGNING PLANS	PSP-3	1005			
PERMANENT SIGNING PLANS - DELINEATOR LAYOUT	PSP-3A	1006			
PERMANENT SIGNING PLANS - OVERHEAD SIGN DETAIL	OH-1	1007			
PERMANENT SIGNING PLANS - OVERHEAD SIGN DETAIL	OH-2	1008			
PERMANENT SIGNING PLANS - PERMANENT SIGN DETAIL	PSD-1	1009			
PERMANENT SIGNING PLANS - PERMANENT SIGN DETAIL	PSD-2	1010			

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		
PROJ. NO. NHS-0010-01(145) COUNTY: HARRISON		
FILENAME: DI_SH.DGN DESIGN TEAM VOLKERT CHECKED DTD DATE 8/13/2013	WORKING NUMBER DI-2	SHEET NUMBER 3

ADDENDUM

STATE	PROJECT NO.
MISS.	NHS-0010-01(145)

<u>DESCRIPTION OF SHEET</u>	<u>WKG. NO.</u>	<u>SH. NO.</u>	<u>DESCRIPTION OF SHEET</u>	<u>WKG. NO.</u>	<u>SH. NO.</u>
RURAL DRIVEWAYS		RD-1	6271		
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	6272		
SIGHT FLARES	12-1-99	SF-1	6273		
INTERCHANGE DESIGN FOR HIGH SPEED TAPERED EXIT RAMP		IR-1	6283		
INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL EXIT RAMP	3-1-02	IR-1A	6284		
INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL ENTRANCE RAMP	3-1-02	IR-2A	6286		
DETAILS OF PAVED FLUMES		PF-1	6291		
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CONCRETE - PIPE COLLAR		PC-1	6301		
JUNCTION BOX FOR PIPE CULVERTS		JB-1	6302		
TYPE I MEDIAN INLET (24" PIPE & UNDER)	3-1-02	MI-1	6306		
TYPE I MEDIAN INLET (29" TO 51" PIPE)		MI-1A	6307		
DETAILS OF GRATES FOR MEDIAN INLETS		IG-1	6314		
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	6318		
STORM SEWER INLET-TYPE SS-2		SS-2	6322		
FLARED END SECTION FOR CONCRETE PIPE		FE-1	6328		
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	6329		
BRIDGE SHEETS (28) Δ			8001-8028 Δ		
CROSS SECTIONS (40)			9001-9007		
CROSS SECTIONS: BIG RIDGE ROAD			9008-9011		
CROSS SECTIONS: BONEY AVENUE			9012-9016		
CROSS SECTIONS: BIG RIDGE OFF RAMP			9017-9019		
CROSS SECTIONS: BIG RIDGE ON RAMP			9020-9024		
CROSS SECTIONS: SW LEG RAMP			9025-9031		
CROSS SECTIONS: SE LEG RAMP			9032-9040		
CROSS SECTIONS: I-110					
TOTAL SHEETS (278)					

8/13/2013 10:59 AM DI.SH.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		
CHANGE NUMBER OF BRIDGE SHEETS REVISION	WORKING NUMBER DI-3	SHEET NUMBER 4
DATE 8-13-13	FILENAME: DI.SH.DGN	DESIGN TEAM VOLKERT CHECKED DTD DATE 8/13/2013

GENERAL NOTES

1. 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 AVAIL- ABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
2. 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 CAN NOT 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.
3. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. 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. 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 EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT 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 STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
6. REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
7. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
8. 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.
9. THE LOCATION AND SPACING OF SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
10. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
11. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
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 SHALL SUBMIT AN EROSION CONTROL PLAN AT THE PRE-CONSTRUCTION CONFERENCE OR PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
13. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
14. TRAFFIC SIGNAL POLES SHALL BE DESIGNED IN ACCORDANCE WITH THE 2001 AASHTO SPECIFICATIONS, AS AMENDED. BASIC WIND SPEED FOR THIS PROJECT SHALL BE 140 MPH. DESIGN LIFE SHALL BE 50 YEARS. FATIGUE CATEGORY SHALL BE II. GALLOPING AND TRUCK INDUCED WIND LOADS SHALL NOT BE CONSIDERED. ICE LOADS FOR THIS PROJECT WILL NOT BE CONSIDERED. ANY DEVIATION FROM THESE CRITERIA MUST BE APPROVED IN WRITING BY THE TRAFFIC ENGINEERING DIVISION, 601-359-1454.
15. VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
16. PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" 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). TOPSOIL SHALL BE DRESSED VERTICALLY WITH A BULLDOZER OR OTHER TRACK EQUIPMENT AT THE TIME OF PLACEMENT. EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.
17. 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 (CONT.)

18. WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
19. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH CONCRETE (ABSORBED ITEM).
20. ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
21. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
22. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
23. PRIOR TO POURING PAVED ISLANDS, THE ENGINEER SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.
24. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
25. ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC , THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
26. FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. WK-3.
27. 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)
28. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
29. ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH A SANFORD MEANSTREAK WATERPROOF FORMULA PERMANENT MARKING STICK.
30. IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.
31. DEMOLITION OF THE EXISTING BIG RIDGE ROAD BRIDGE WILL REQUIRE CLOSURE OF I-110. CLOSURE OF I-110 WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 7:00 PM AND 9:00 AM SATURDAY THROUGH SUNDAY. A LANE RENTAL FEE OF \$10,000.00 PER FULL OR PARTIAL HOUR SHALL BE ASSESSED FOR CLOSURES OR OBSTRUCTIONS THAT EXTEND BEYOND THE TIMES MENTIONED ABOVE. SEE NOTICE TO BIDDERS FOR "LANE CLOSURE RESTRICTIONS" FOR MORE INFORMATION.
32. THE FACE OF THE NOISE BARRIER WALL SHALL BE CONTRACTOR DESIGNED ACCORDING TO SPECIAL PROVISION 907-829-2. THE CONCRETE FACE OF THE NOISE BARRIER WALL SHALL HAVE A TEXTURED STONE BLOCOK PATTERN FINISH. THE SIZE OF THE BLOCKS SHALL BE SIMILAR TO THE SIZE OF THE BLOCKS USED IN THE CONTRACTOR DESIGNED MSE WALL IN PROJECT NHS-0010-01(144). THE CONTRACTOR SHALL SUBMIT CATALOG-CUTS AND SPECIFICATIONS FOR THE PATTERN AND METHOD OF OBTAINING THE TEXTURED FINISH TO THE DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER FOR APPROVAL PRIOR TO PLACING CONCRETE.

8/13/2013 10:59 AM GN_SH.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES	
PROJ. NO. NHS-0010-01(145) COUNTY: HARRISON	
FILENAME: GN_SH.DGN	
DESIGN TEAM VOLKERT CHECKED DTD DATE 8/13/2013	
WORKING NUMBER GN-1	SHEET NUMBER 5