

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

GENERAL INDEX

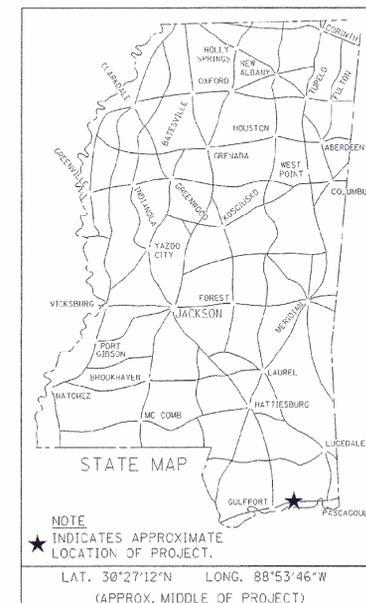
INCLUDED THIS PROJECT	BEGIN WITH SHEET
☒ ROADWAY	1
☒ PERMANENT SIGNS	1001
☒ TRAFFIC SIGNALS	2001
☐ ITS COMPONENTS	3001
☐ LIGHTING	4001
☐ (RESERVED)	5001
☒ ROADWAY STANDARD DWGS ..	6001
☐ BRIDGE STANDARD DWGS	7001
☒ BRIDGE	8001
☒ CROSS SECTIONS	9001

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



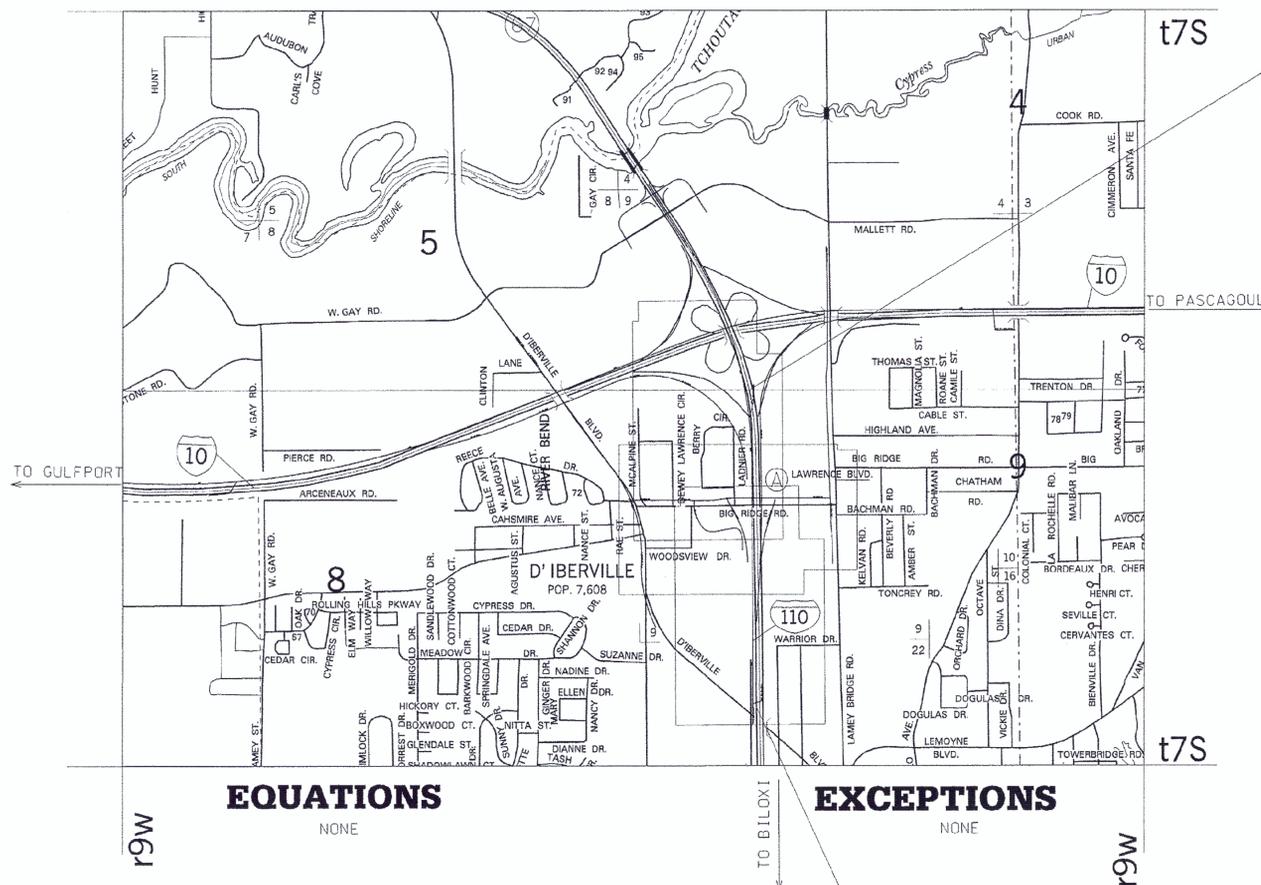
BRIDGE STRUCTURES REQ'D.

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

SCALES

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



E.O.P.
STA 402 + 00.000

CADD

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	

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE (1)		1
DETAILED INDEX & GENERAL NOTES (4)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	4
GENERAL NOTES	GN-1	5
SEE BRIDGE PLANS FOR BRIDGE DETAILED INDEX SHEET		
TYPICAL SECTION SHEETS (7)		
TYPICAL SECTION - BIG RIDGE ROAD	TS-1	6
TYPICAL SECTION - BONEY AVENUE	TS-2	7
TYPICAL SECTION - SW LEG RAMP & SE LEG RAMP	TS-3	8
TYPICAL SECTION - BIG RIDGE OFF RAMP, BIG RIDGE ON RAMP	TS-4	9
TYPICAL SECTION - I-110	TS-5	10
TYPICAL SECTION - MISCELLANEOUS DETAILS	TS-6	11
TYPICAL SECTION - MISCELLANEOUS DETAILS	TS-7	12
QUANTITY SHEETS (18)		
SUMMARY OF QUANTITIES	SQS-1	13
SUMMARY OF QUANTITIES	SQS-2	14
SUMMARY OF QUANTITIES	SQS-3	15
SUMMARY OF QUANTITIES	SQS-4	16
SEE BRIDGE PLANS FOR BRIDGE SUMMARY OF QUANTITIES SHEET		
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	17
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-2	18
ESTIMATED QUANTITIES - CURB & GUTTER, BRIDGE END PAVEMENT, DRIVEWAYS, EST. EARTHWORK	EQ-3	19
ESTIMATED QUANTITIES - TYPE 4 BARRIER, GUARDRAIL, PERMANENT BARRICADES, FENCE	EQ-4	20
ESTIMATED QUANTITIES - PAVEMENT MARKINGS	EQ-5	21
ESTIMATED QUANTITIES - CULVERT HYDRAULIC DESIGN, JUNCTION BOXES, EROSION CONTROL ITEMS	EQ-6	22
ESTIMATED QUANTITIES - DRAINAGE SUMMARY, SIDE DRAINS	EQ-7	23
ESTIMATED QUANTITIES - SUMMARY OF TRAFFIC SIGNAL QUANTITIES	EQ-8	24
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-9	25
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-10	26
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-11	27
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-12	28
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES	EQ-13	29
ESTIMATED QUANTITIES - DIRECTIONAL SIGN ASSEMBLIES, DELINEATORS, OVERHEAD MOUNTED SIGNS	EQ-14	30
SEE BRIDGE PLANS FOR BRIDGE ESTIMATED QUANTITIES SHEET		
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

INTERCHANGE LAYOUT SHEETS (2)		
INTERCHANGE LAYOUT - BIG RIDGE RAMPS, BONEY AVE & BIG RIDGE RD	WK-15	43
INTERCHANGE LAYOUT - I-110 & LEG RAMPS	WK-16	44
INTERSECTION DETAIL SHEETS (3)		
INTERSECTION DETAIL SHEET - BIG RIDGE RD @ BONEY AVE	ID-1	45
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
DETAIL PLAN SHEETS (6)		
ROW MARKERS - I-110, BIG RIDGE RAMPS & BONEY AVE	DP-1	48
ROW MARKERS - BIG RIDGE RD	DP-2	49
ROW MARKERS - I-110, SW LEG RAMP & SE LEG RAMP	DP-3	50
PAVEMENT REMOVAL - I-110, BIG RIDGE RAMPS & BONEY AVE	DP-4	51
PAVEMENT REMOVAL - BIG RIDGE RD	DP-5	52
PAVEMENT REMOVAL - I-110, SW LEG RAMP & SE LEG RAMP	DP-6	53
FORM GRADE SHEET (7)		
FORM GRADES - I-110	FG-1	54
FORM GRADES - I-110	FG-2	55
FORM GRADES - I-110 & BIG RIDGE ON RAMP	FG-3	56
FORM GRADES - I-110 & BIG RIDGE RAMPS	FG-4	57
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
PAVEMENT MARKING SHEETS (6)		
PAVEMENT MARKINGS - I-110	PMD-1	61
PAVEMENT MARKINGS - I-110, BIG RIDGE RAMPS & BONEY AVE	PMD-2	62
PAVEMENT MARKINGS - I-110 & SE LEG RAMP	PMD-3	63
PAVEMENT MARKINGS - SW LEG RAMP	PMD-4	64
PAVEMENT MARKINGS - I-110, BIG RIDGE RD, BIG RIDGE RAMPS & BONEY AVE	PMD-5	65
PAVEMENT MARKINGS - I-110, BIG RIDGE RD & BIG RIDGE RAMPS	PMD-6	66
TRAFFIC CONTROL SHEETS (11)		
TRAFFIC CONTROL PLAN ADVANCED WARNING SIGN OVERALL	TCPH-A	67
TRAFFIC CONTROL PLAN BIG RIDGE ROAD DETOUR	TCPH-B	68
TRAFFIC CONTROL PLAN I-110 DETOUR	TCPH-C	69
TRAFFIC CONTROL PLAN I-110 DETOUR	TCPH-D	70
TRAFFIC CONTROL PLAN DETOUR SIGNS	TCPH-E	71
TRAFFIC CONTROL PLAN - PHASE I	TC-1	72
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 PS & E PLANS-DATE 6/17/13
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 6/17/2013 2:13 PM DI_SH.DGN



VOLKERT, INC.

PS & E PLANS-DATE 6/17/13		
FMS CON. # 105281/302000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
	
PROJ. NO. NHS-0010-01(145) COUNTY: HARRISON	
FILENAME: DI_SH.DGN DESIGN TEAM: VOLKERT CHECKED: DTD: DATE 6/17/2013	WORKING NUMBER DI-1 SHEET NUMBER 2

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

PRELIMINARY EROSION CONTROL PLAN SHEETS (3)
 EROSION CONTROL PLAN - I-110, BIG RIDGE RAMPS & BONEY AVE
 EROSION CONTROL PLAN - I-110, SW LEG RAMP & SE LEG RAMP
 EROSION CONTROL PLAN - BIG RIDGE RD

ECP-3 78
 ECP-4 79
 ECP-12 80

TRAFFIC SIGNAL & ITS PLANS AND DETAIL SHEETS (7)
 TRAFFIC SIGNAL INSTALLATION - BIG RIDGE ROAD @ BIG RIDGE OFF RAMP
 TRAFFIC SIGNAL INSTALLATION - BIG RIDGE ROAD @ LAMEY BRIDGE ROAD
 SIGNAL TIMINGS
 DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES
 PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION
 TYPICAL DETAILS OF CONTROLLER CABINET MOUNTING AND MISCELLANEOUS DETAILS
 MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION

TSI-1 2001
 TSI-2 2002
 TSI-3 2003
 TSD-1 2004
 TSD-3 2005
 TSD-5 2006
 TSD-6 2007

SPECIAL DESIGN DRAWINGS (46)

VEGETATION SCHEDULE
 BRIDGE END PAVEMENT WITH RAIL AND OVERLAY
 33.5" BRIDGE END PAVEMENT RAIL
 PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS
 PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL AND TAPER)
 PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL AND TAPER)
 DETAILS OF TYPICAL DITCH TREATMENTS
 TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS
 DETAILS OF SEDIMENT BARRIER APPLICATIONS
 DETAILS OF SILT FENCE INSTALLATION
 DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
 TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES,
 SILT FENCE AND HAY BALE DITCH CHECKS
 DETAILS OF EROSION CONTROL WATTLE DITCH CHECK
 DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK
 ROCK DITCH CHECK
 ROCK DITCH CHECK WITH SUMP EXCAVATION
 INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS
 INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS
 INLET PROTECTION DETAILS OF WATTLES
 INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE
 INLET PROTECTION DETAILS OF SAND BAG
 STABILIZED CONSTRUCTION ENTRANCE
 TEMPORARY CULVERT STREAM CROSSING
 TEMPORARY STREAM DIVERSION
 TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)
 FLOATING TURBIDITY CURTAIN
 DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN) (RIPRAP DIKE SILT BASIN)
 GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)
 GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)
 GUARDRAIL: RUB RAIL HARDWARE SHEET
 BREAKAWAY SIGN SUPPORTS
 TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS
 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)
 HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
 TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE
 LANE CLOSURE DETAILS FOR FULL DEPTH CONCRETE PAVEMENT REPAIR
 LOCATION OF R16-3 SIGNS
 SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE
 SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)
 SUPERELEVATION TRANSITION ROTATION ABOUT CENTERLINE (URBAN FACILITY, V<45 MPH)
 TCP: PERMANENT BARRICADE WITH BERM
 DRIVEWAYS, CURB & GUTTER & SIDEWALK
 DRIVEWAYS, INTEGRAL CURB & SIDEWALK
 FENCE: TYPICAL INSTALLATION AT BRIDGES

VS-1 81
 BE-1C 82
 BE-PR-1B 83
 SDPM-2 84
 SDPM-3 85
 SDPM-4 86
 DT-1 87
 ECD-1 88
 ECD-2 89
 ECD-3 90
 ECD-4 91
 ECD-5 92

 ECD-6 93
 ECD-7 94
 ECD-8 95
 ECD-9 96
 ECD-10 97
 ECD-11 98
 ECD-12 99
 ECD-13 100
 ECD-14 101
 ECD-15 102
 ECD-16 103
 ECD-17 104
 ECD-18 105
 ECD-19 106
 ECD-20 107
 TEC-2 108

 TEC-D 109

 GR-2G 110
 GR-2F 111
 GR-RR 112
 SDSN-6B 113
 SDSN-8 114
 SDTCP-4 115

 SDTCP-10 116
 TCP-SC 117
 LCD-1 118
 LRS-1 119
 SDR0-1 120
 SDSE-2A 121
 SDSE-2G 122
 TCP-P 123
 SDSD-1 124
 SDSD-2 125
 SDFI-1 126

STANDARD DRAWINGS - ROADWAY SHEETS (61)

PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS
 PAVEMENT MARKING LEGEND DETAILS
 PAVEMENT MARKING LEGEND DETAILS
 EROSION CONTROL
 FENCE: WOVEN WIRE - TIMBER POSTS
 FENCE: CHAIN LINK - CLASS II
 FENCE: TYPICAL INSTALLATION AT DRAINAGE STRUCTURES
 FENCE: TYPICAL INSTALLATION AT DITCH CROSSINGS AND FENCE ENDINGS
 FENCE: CHAIN LINK GATE
 GUARD RAIL: "W" BEAM (WOOD POSTS)
 GUARD RAIL: THRIE BEAM (WOOD POSTS)
 GUARD RAIL: "W" BEAM (STEEL POSTS)
 GUARD RAIL: MODIFIED THRIE BEAM (STEEL POSTS)
 GUARD RAIL: BRIDGE END SECTION-TYPE H (STEEL POSTS)
 GUARD RAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)
 GUARD RAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)
 GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS
 GUARD RAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS
 GUARDRAIL: MISCELLANEOUS HARDWARE
 MEDIAN BARRIER: CONCRETE (CAST-IN-PLACE)
 MEDIAN BARRIER: CONCRETE (PRECAST)
 ROUTE SHIELDS AND "EXIT ONLY" PANELS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS
 BREAK-AWAY SIGN SUPPORTS
 BREAK-AWAY SIGN SUPPORTS
 SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)
 TYPICAL INSTALLATION OF DELINEATORS
 TYPICAL GUARD RAIL DELINEATION
 TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO-WAY TRAFFIC)
 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)
 SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS
 SHORT DURATION CLOSING OF DIVIDED HIGHWAYS
 TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS
 DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS
 TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)
 TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED ROADWAYS

12-1-99 PM-1 6120
 PM-5 6124
 PM-6 6125
 EC-1 6140
 WW-1 6160
 3-1-02 CL-2 6163
 FI-2 6165
 FI-3 6166
 3-1-02 CLG-1 6168
 GR-1 6180
 3-1-02 GR-1A 6181
 GR-1B 6182
 3-1-02 GR-1C 6183
 GR-2D 6188
 GR-3 6192
 3-1-02 GR-3A 6193
 GR-4 6194
 3-1-02 GR-4C 6197
 GR-HW 6202
 MB-2 6204
 MB-2A 6205
 SN-2 6221
 SN-3 6222
 SN-3A 6223
 3-1-02 SN-3B 6224
 SN-4 6225
 SN-4A 6226
 SN-4B 6227
 SN-5 6228
 SN-6 6229
 SN-6A 6230
 SN-7 6232

 SN-8A 6234
 SN-8C 6236
 TCP-1 6250
 TCP-5 6254

 TCP-8 6257
 TCP-9 6258
 12-1-99 TCP-11 6260
 TCP-12 6261
 TCP-13 6262
 TCP-14 6263
 TCP-15 6264
 TCP-16 6265

PERMANENT SIGNING PLANS & DETAILS (10)

PERMANENT SIGNING PLANS
 PERMANENT SIGNING PLANS - DELINEATOR LAYOUT
 PERMANENT SIGNING PLANS
 PERMANENT SIGNING PLANS - DELINEATOR LAYOUT
 PERMANENT SIGNING PLANS
 PERMANENT SIGNING PLANS - DELINEATOR LAYOUT
 PERMANENT SIGNING PLANS - OVERHEAD SIGN DETAIL
 PERMANENT SIGNING PLANS - OVERHEAD SIGN DETAIL
 PERMANENT SIGNING PLANS - PERMANENT SIGN DETAIL
 PERMANENT SIGNING PLANS - PERMANENT SIGN DETAIL

PSP-1 1001
 PSP-1A 1002
 PSP-2 1003
 PSP-2A 1004
 PSP-3 1005
 PSP-3A 1006
 OH-1 1007
 OH-2 1008
 PSD-1 1009
 PSD-2 1010

6/11/2013 7:21 AM DI_SH.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		
FILENAME: DI_SH.DGN	WORKING NUMBER DI-2	SHEET NUMBER 3
DESIGN TEAM VOLKERT CHECKED DTD DATE 6/11/2013		

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

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
PIPE CULVERT INSTALLATION		PI-1	6300
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 (34) 8001-8034

CROSS SECTIONS (40)

CROSS SECTIONS: BIG RIDGE ROAD	9001-9007
CROSS SECTIONS: BONEY AVENUE	9008-9011
CROSS SECTIONS: BIG RIDGE OFF RAMP	9012-9016
CROSS SECTIONS: BIG RIDGE ON RAMP	9017-9019
CROSS SECTIONS: SW LEG RAMP	9020-9024
CROSS SECTIONS: SE LEG RAMP	9025-9031
CROSS SECTIONS: I-110	9032-9040

TOTAL SHEETS (278)

6/11/2013 7:21 AM DI_SH.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		
FILENAME: DI_SH.DGN	DESIGN TEAM VOLKERT CHECKED DTD DATE 6/11/2013	WORKING NUMBER DI-3 SHEET NUMBER 4

GENERAL NOTES

GENERAL NOTES (CONT.)

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 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.
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.
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 3:00 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.

6/11/2013 7:21 AM GN_SH.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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