FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP–0010–01(044)	1

GPS CONTROL NOTES

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

HORIZONTAL MONUMENT	NORTH	EAST
VAN RM 1	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
MDOT 10-24-6	52.120

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.9999533175
GRID TO GEODETIC AZIMUTH	-00° 03 04"

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. HSIP–0010–01(044)

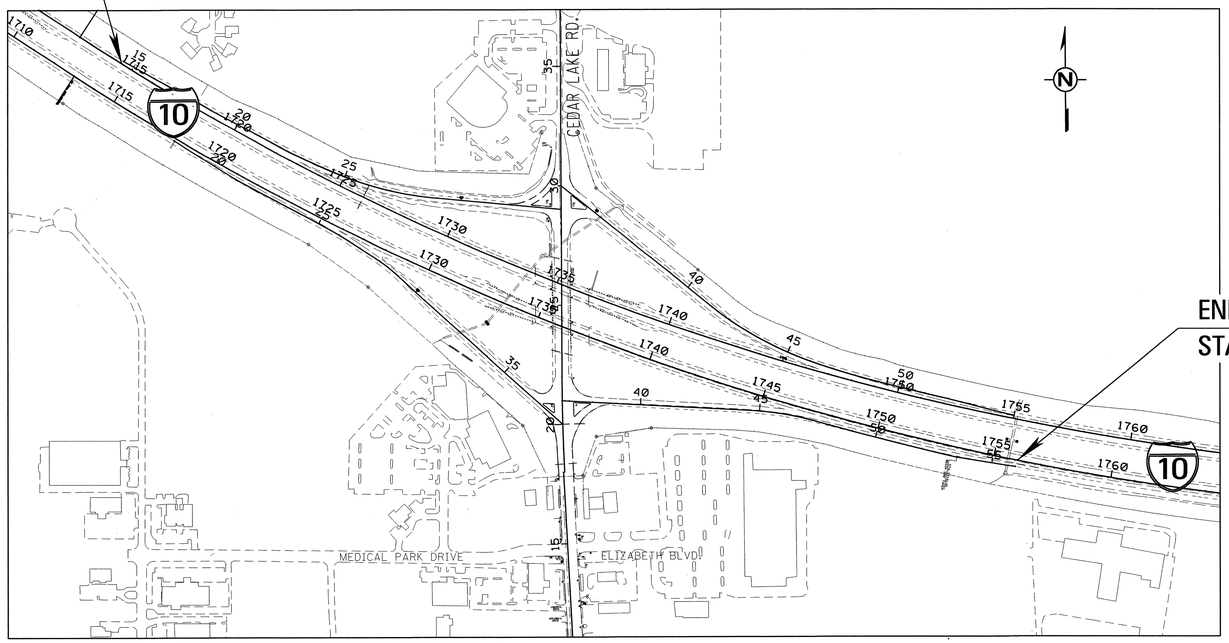
I-10 AND CEDAR LAKE ROAD INTERCHANGE IMPROVEMENTS
HARRISON COUNTY

FMS: 105944301000

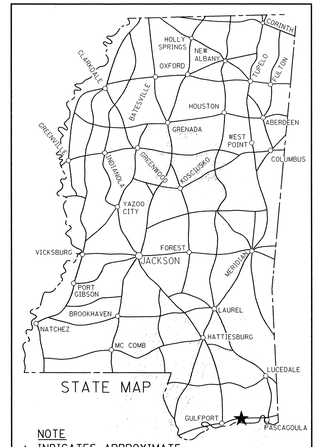
SCALES

PLAN		1 IN. = 50 FT.
PROFILE	HOR.	1 IN. = 50 FT.
	VERT.	1 IN. = 5 FT.
LAYOUT		1 IN. = 300 FT.

BEGINNING OF PROJECT
STA. 1714 + 50



END OF PROJECT
STA. 1756 + 00



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 30°26'57.84 N LONG. 88°56'03.42 W
(APPROX. MIDDLE OF PROJECT)

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE

DESIGN CONTROL

_____ MPH = V (SPEED DESIGN)

ADT (____) = _____ : ADT (____) = _____

DHV = _____ : D = _____% T = _____%

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

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

STORMWATER PERMIT S

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED 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: 8/0/11

CONVENTIONAL SYMBOLS

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

EQUATIONS

EXCEPTIONS

LENGTH DATA

LENGTH OF ROADWAY	4150	FT.	0.79	MI.
LENGTH OF BRIDGES		FT.		MI.
LENGTH OF PROJECT (NET)	4150		0.79	MI.
LENGTH OF EXCEPTIONS		FT.		MI.
LENGTH OF PROJECT (GROSS)	4150		0.79	MI.

18

APPROVED:
CHIEF ENGINEER DATE 8/15/11
INTERIM EXECUTIVE DIRECTOR DATE 8/15/11
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS BY DATE

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2011 10:13AM TITLE.DGN

STATE	PROJECT NO.
MISS.	HSIP-0010-01(044)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
TITLE SHEET (1)			1
DETAILED INDEX AND GENERAL NOTES SHEETS (4)			
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DETAILED INDEX		DI-2	3
GENERAL NOTES		GN-1	4
GENERAL NOTES		GN-2	5
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TYPICAL SECTION - I-10 NE RAMP		TS-2	7
TYPICAL SECTION - CEDAR LAKE ROAD		TS-3	8
TYPICAL SECTION - I-10 NW RAMP AND PARALLEL EXIT RAMPS		TS-4	9
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SUMMARY OF QUANTITIES - I-10 AND CEDAR LAKE ROAD		SQ-2	11
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ESTIMATED QUANTITIES - PAVEMENT MARKING DETAILS & GUARDRAIL		EQ-2	14
ESTIMATED QUANTITIES - EARTHWORK QUANTITIES		EQ-3	15
ESTIMATED QUANTITIES - REMOVAL ITEMS		EQ-4	16
ESTIMATED QUANTITIES - SIGNAL QUANTITIES		EQ-5	17
ESTIMATED QUANTITIES - CONSTRUCTION SIGNING		EQ-6	18
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS REQUIRED		SRS-1	19
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS REQUIRED		SRS-2	20
ESTIMATED QUANTITIES - DIRECTIONAL SIGN QUANTITIES		DSQ-1	21
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I-10 NW RAMP - STA. 29+00 TO STA. 34+22.07		WK-4	23
I-10 NE RAMP - STA. 33+17.36 TO STA. 47+00		WK-5	24
I-10 NE RAMP - STA. 47+00 TO STA. 54+88.21		WK-6	25
I-10 SW RAMP - STA. 18+00 TO STA. 30+00		WK-7	26
I-10 SW RAMP - STA. 30+00 TO STA. 38+29.53		WK-8	27
I-10 SE RAMP - STA. 36+71.62 TO STA. 50+00		WK-9	28
I-10 SE RAMP - STA. 50+00 TO STA. 56+03.88		WK-10	29
CEDAR LAKE ROAD - STA. 10+00 TO STA. 22+00		WK-11	30
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PAVEMENT MARKING - CEDAR LAKE RD. - STA. 23+50 TO STA. 32+90		PMD-2	34
PAVEMENT MARKING - I-10 SOUTHWEST RAMP - STA. 18+00 TO STA. 34+50		PMD-3	35
PAVEMENT MARKING - I-10 NORTHWEST RAMP - STA. 25+50 TO STA. 32+00		PMD-4	36
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DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
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TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	60

MICHAEL BAKER JR., INC.

PS & E PLANS-DATE: 8/15/2011		
FMS CON.: 105944 / 301000		
REVISIONS		
DATE	SHEET NO.	BY

18

BY
REVISION
DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL INDEX

I-10 AND CEDAR LAKE ROAD INTERCHANGE IMPROVEMENTS

PROJ NO: HSIP-0010-01(044)
COUNTY: HARRISON

WORKING NUMBER
DI-1

SHEET NUMBER
2

FILENAME: DI-1.dgn
DESIGN TEAM BAKER CHECKED KJC DATE 2011

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2011 10:13AM DI-1.DGN

STATE	PROJECT NO.
MISS.	HSIP-0010-01(044)

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
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MDOT's PRELIMINARY EROSION CONTROL PLANS		ECD-6	67
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I-10 NE RAMP - STA. 33+17.36 TO STA. 47+00		ECP5	88
I-10 NE RAMP - STA. 47+00 TO STA. 54+88.21		ECP6	89
I-10 SW RAMP - STA. 18+00 TO STA. 30+00		ECP7	90
I-10 SW RAMP - STA. 30+00 TO STA. 38+29.53		ECP8	91
I-10 SE RAMP - STA. 36+71.62 TO STA. 50+00		ECP9	92
I-10 SE RAMP - STA. 50+00 TO STA. 56+03.88		ECP10	93
CEDAR LAKE ROAD - STA. 10+00 TO STA. 22+00		ECP11	94
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PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2011 10:13AM DI-2.DGN

BY
REVISION
DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL INDEX

I-10 AND CEDAR LAKE ROAD INTERCHANGE IMPROVEMENTS

PROJ NO: HSIP-0010-01(044)
COUNTY: HARRISON

FILENAME: DI-2.dgn
DESIGN TEAM BAKER CHECKED KJC DATE 2011

WORKING NUMBER
DI-2

SHEET NUMBER
3

STATE	PROJECT NO.
MISS.	HSIP-0010-01(044)

GENERAL NOTES

① THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

② 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.

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 WORK REQUIRING A LANE CLOSURE WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 7:00 PM AND 6:00 AM SUNDAY THROUGH THURSDAY.

⑥ 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.

⑦ ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" IN WIDTH. ALL PICKUP HOLES ARE TO BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).

⑧ UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT–OF–WAY. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.

⑨ WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

⑩ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

⑪ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.

⑫ THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE 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 THAT PLAN DURING CONSTRUCTION.

PUBLIC UTILITIES

MISSISSIPPI ONE CALL
1–800–227–6477

AT&T
1–866–620–6900

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2011 10:13AM GN-1.DGN

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
GENERAL NOTES

I-10 & CEDAR LAKE RD.

PROJ NO: HSIP-0010-01(044)
COUNTY: HARRISON

FILENAME: GN-1.dgn
DESIGN TEAM BAKER CHECKED JBM DATE 2011

WORKING NUMBER
GN-1

SHEET NUMBER
4

STATE	PROJECT NO.
MISS.	HSIP-0010-01(044)

GENERAL NOTES (CONTINUED)

⑬ ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

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

⑮ ROADWAY SIGNS IN CONFLICT WITH CONSTRUCTION WILL BE REMOVED AND RESET AS DIRECTED BY THE PROJECT ENGINEER, COST TO BE ABSORBED.

⑯ CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES USED IN SPEED ZONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF FIFTEEN (15) POUNDS. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.

⑰ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIALS.

⑱ THE REMOVAL OF RAISED PAVEMENT MARKERS IS NOT A SEPARATE PAY ITEM.

⑲ PAVED APRONS WILL BE REQUIRED AROUND ALL MEDIAN INLETS PER MDOT STANDARD DRAWING PA–1, OR OTHER APPLICABLE MEDIAN INLET STANDARD, UNLESS OTHERWISE NOTED ON THE PLANS.

⑳ BRUSH FROM CLEARING AND GRUBBING SHALL BE USED FOR A BRUSH BARRIER. 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.

㉑ THE ENDS OF ANY EXISTING PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH CONCRETE (NOT A SEPARATE PAY ITEM).

㉒ TRAFFIC SHALL NOT BE ALLOWED TO TRAVEL ON A MILLED SURFACE.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2011 10:13AM GN-2.DGN

REVISION | BY | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
GENERAL NOTES

I-10 & CEDAR LAKE RD.

PROJ NO: HSIP-0010-01(044)
COUNTY: PIKE

FILENAME: GN-2.dgn
DESIGN TEAM BAKER CHECKED JBM DATE 2011

WORKING NUMBER
GN-2

SHEET NUMBER
5