GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

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CROSS-SECTIONS	78
TOTAL SHEETS	199

1 4-20-07
RE: 8 6-20-07

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NH-APD-0078-01(009)N	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT NO. NH-APD-0078-01(009)N

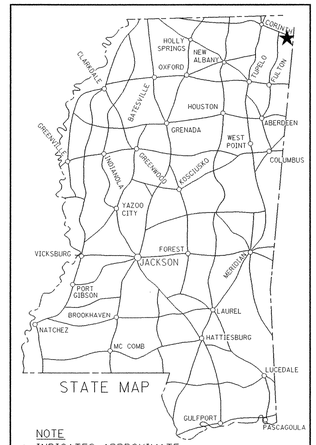
102076/302 102076/303

APD CORR. "V" FROM 4148' WEST OF HWY 23 TO MS /AL STATE LINE

ITAWAMBA COUNTY

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 2000 FT.

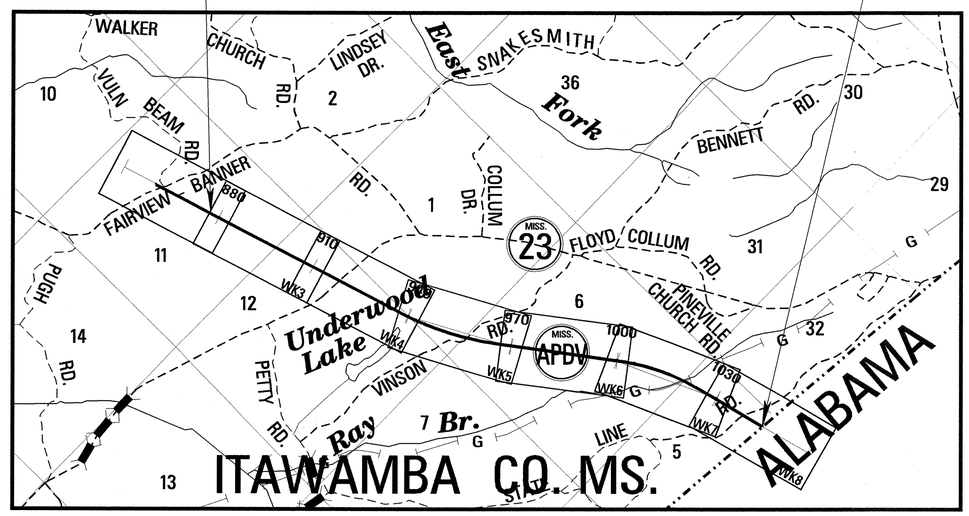


NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34° 24' N LONG. 88° 11' W
(APPROX. MIDDLE OF PROJECT)

STA. 877+50.00 B.O.P.

STA. 1045+48.61 E.O.P.



BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE

CONVENTIONAL SYMBOLS

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

EQUATIONS

NONE

EXCEPTIONS

NONE

102076/302
APD CORRIDOR "V"
STA. 914+00 TO STA. 1045+48.61
LENGTH DATA

LENGTH OF ROADWAY	13148.61 FT.	2.490 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		2.490 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		2.490 MI.

102076/303
NATIONAL HIGHWAY
STA. 877+50 TO STA. 914+00
LENGTH DATA

LENGTH OF ROADWAY	3650.00 FT.	0.691 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		0.691 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		0.691 MI.

PROJECT TOTAL
LENGTH DATA

LENGTH OF ROADWAY	16798.61 FT.	3.181 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		3.181 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		3.181 MI.

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2002) = 2600 : ADT (2022) = 5100

DHV = 560 : D = 55 % T= 15 %

PERMITS ACQUIRED BY MDOT

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

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

* 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: JCR DATE: 06/20/07

ACCESS CONTROL

NOTES:

1. Access to and exit from this highway will be permitted only through interchange or such other points as may established by public authority and as shown on the plans.
2. This note applies the following station limits: STA. 860+92 to STA. 1045+48
   This project is declared by the Transportation Commision to be Type 2B Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated 22 day of November, 2005 in minute book 11, page 847 and authorized under section 65-1-10(I)MCA (1972, as ammended).

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REVISIONS | BY | DATE

APPROVED:

CHIEF ENGINEER — DATE 6/20/07

EXECUTIVE DIRECTOR — DATE 6-20-07

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/20/2007 7:51 aM TITLECOVST.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-APD-0078-01(009)N

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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GENERAL NOTES	GN-1	4
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TYPICAL SECTION (BENCHING)	TS-2	6
TYPICAL SECTION (LOCAL ROADS)	TS-3	7
TYPICAL SECTION (HIGHWAY 23)	TS-4	8
TYPICAL SECTION (HIGHWAY 23 CHANNELIZED INTERSECTION)	TS-5	9
TYPICAL SECTION (EMBANKMENT DETAIL)	TS-6	10
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SUMMARY OF QUANTITIES	SQ-3	14
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ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-3	17
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ESTIMATED QUANTITIES - JUNCTION BOXES & BOX CULVERTS	EQ-5	19
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ESTIMATED QUANTITIES - CURB & GUTTER	EQ-7	21
ESTIMATED QUANTITIES - EARTHWORK, PAVEMENT REMOVAL & SIDE DRAINS	EQ-8	22
ESTIMATED QUANTITIES - PERMANENT PAVEMENT MARKINGS	EQ-9	23
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-10	24
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-11	25
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MAIN FACILITY - STA. 880+00 TO STA. 910+00	WK4	27
MAIN FACILITY - STA. 910+00 TO STA. 940+00	WK5	28
LOCAL ROAD- HWY 23 REALIGNED	WK5A	29
MAIN FACILITY - STA.940+00 TO STA.970+00	WK6	30
LOCAL ROAD- REALIGNED VINSON RD.	WK6A	31
LOCAL ROAD @ STA. 36+00 VINSON RD.	WK6B	32
MAIN FACILITY - STA.970+00 TO STA.1000+00	WK7	33
MAIN FACILITY - STA.1000+00 TO STA.1030+00	WK8	34
MAIN FACILITY - STA.1030+00 TO STA. E.O.P. (MS/AL STATE LINE)	WK9	35
LOCAL ROAD- REALIGNED STATE LINE RD.	WK9A	36

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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CONSTRUCTION SIGNING - VINSON RD. SIGNS	CS-2	39
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TRAFFIC CONTROL - PHASE ONE, HIGHWAY 23	TC-1	41
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TRAFFIC CONTROL - PHASE ONE, VINSON RD.	TC-4	44
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TRAFFIC CONTROL - PHASE ONE, STATE LINE RD.	TC-6	46
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TRAFFIC CONTROL - PHASE TWO, HIGHWAY 23	TC-8	48
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PAVEMENT MARKINGS MAINLINE @ VINSON RD.	PM-2	54
PAVEMENT MARKINGS LOCAL RD. @ STA. 36+00 OF VINSON RD.	PM-3	55
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SPECIAL DESIGN - WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL, HEIGHT 4 - 12 FT. SPANS 4-24 FT.	SD-IWS-3A	67
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SPECIAL DESIGN BOX CULVERT STA. 886+10	SDBC-2	69
SPECIAL DESIGN BOX CULVERT STA. 886+10	SDBC-3	70
SPECIAL DESIGN BOX CULVERT STA. 886+10	SDBC-4	71
SPECIAL DESIGN BOX CULVERT STA. 886+10	SDBC-5	72
SPECIAL DESIGN BOX CULVERT STA. 938+90	SDBC-6	73
SPECIAL DESIGN BOX CULVERT STA. 938+90	SDBC-7	74

PS & E PLANS-DATE 6-20-07		
FMS CON. # 102076/302 102076/303		
REVISIONS		
DATE	SHEET NO.	BY
7-6-07	12,13,14, 68-74	CB
7-13-07	12, 14	CB
8-21-07	2-3,8,12,16, 19,20,22,26-30,33,34	CB

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. NH-APD-0078-01(009)N
COUNTY : ITAWAMBA

WORKING NUMBER: DI-1
SHEET NUMBER: 2

FILENAME: dindex.dgn
DESIGN TEAM BRELAND CHECKED DATE

DATE: 8/21/07
REVISION: REMOVED RESERVED PAGE NUMBERS NOT USED
BY: CB

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/20/2007 2:03 PM DI.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-APD-0078-01(009)N

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (35)			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
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TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)		TEC-2	143
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TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		TCP-14	263
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TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
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SUPERELEVATION TRANSITION - CASE I (2% NORMAL SUBGRADE)	(03-01-02)	SE-2A	276
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS	(03-01-02)	MDS-1	290
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BRANCH CONNECTIONS		BC-1	305
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TYPE I MEDIAN INLET (29" - 51" PIPE)		MI-1A	307
TYPE II MEDIAN INLET (OVER 51" PIPE)		MI-2A	310
MEDIAN INLET FOR BOX CULVERTS (TYPE I & II)		MI-3	311
MEDIAN INLET (FLUSH WITH DITCH PLUG)		MI-4A	313
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PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	318
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	329
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WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.		IWS-3	375.2
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BOX CULVERT DRAWING - 45 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS		ISK-45-3W	403.1
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CROSS SECTIONS (78)			901-978 ⚠1
TOTAL SHEETS (199)			

REVISED SHEET NUMBERS	BY
REVISION	CB ⚠1
DATE 6-21-07	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. NH-APD-0078-01(009)N
COUNTY : ITAWAMBA

WORKING NUMBER: DI-2

FILENAME: dindex.dgn

DESIGN TEAM BRELAND CHECKED DATE

SHEET NUMBER: 3

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8-20-2007 2:03 PM DI.DGN

STATE	PROJECT NO.
MISS.	NH-APD-0078-01(009)N

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. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.

3. 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.

4. 20% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

5. 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 THE UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

6. 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.

7. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. 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. (ABSORBED ITEM)

8. FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.

9. 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.

10. 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.

11. 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 PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.

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

13. THE CONTRACTOR IS RESPONSILBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE FROM OCCURING DURING 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.

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

15. A TYPE "A" MEDIAN SILT BASIN WILL BE REQUIRED UPSTREAM OF EACH MEDIAN INLET. (SEE WK. NO. TEC-2 FOR DETAILS)

16. 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)

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/20/2007 8:52 am GN.DGN

REVISION | BY | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO.NH-APD-0078-01(009)N
COUNTY : ITAWAMBA

WORKING NUMBER GN-1

FILENAME: GN.DGN

DESIGN TEAM BRELAND CHECKED _____ DATE _____

SHEET NUMBER 4