P.E. 104137–101000

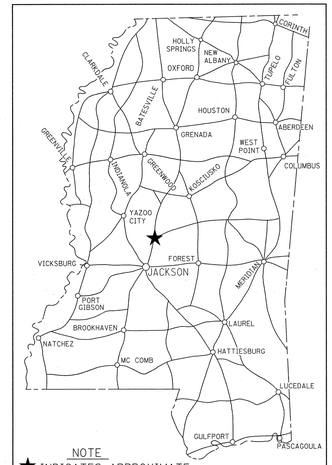
FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NCPD–6993–00(001)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED CANTON PARKWAY FEDERAL AID PROJECT NO. NCPD–6993–00(001) FMS–104137–301000

U.S. 51 TO S.R. 43
MADISON COUNTY



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 32° 35′ 22.93″ LONG. 90° 01′49.19″
(APPROX. MIDDLE OF PROJECT)

CANTON PARKWAY STA. 169+35.272=
ISP-0055-02(178) U.S. HIGHWAY 51 STA. 117+30.74

B.O.P. STA 163+00.00

BRIDGE STRUCTURES REQ'D.

Ⓐ TWIN BRIDGES OVER MAIN CHANNEL
STA. 220+84.18 (LT. LANE)
(40'-40'-40'-40'-120'-130'-120'-40'-40'-40'-40'-40'-40' SPANS)
SKEWED 15° RT. FWD.
L = 771.64'
STA. 221+08.18 (RT. LANE)
(40'-40'-40'-40'-120'-130'-120'-40'-40'-40'-40'-40'-40' SPANS)
SKEWED 15° RT. FWD.
L = 771.64'

Ⓑ TWIN BRIDGES OVER RELIEF
STA. 239+39.21
(9 @ 40' SPANS)
L = 361.58'

BOX BRIDGES REQ'D.

Ⓒ STA. 174+32: DBL. 16'x12'
SKEWED 45° LT. FWD.
LENGTH ALONG CL = 46.61 FT.

Ⓓ STA. 234+50: DBL. 12'x12'
SKEWED 45° RT. FWD.
LENGTH ALONG CL = 35.24 FT.

Ⓔ STA. 300+75: DBL. 12'x6'
LENGTH ALONG CL = 24.63 FT.

Ⓕ STA. 115+43.08 (US 51): 20'x12'
BOX EXTENSION SKEWED 15° RT. FWD.
LENGTH ALONG CL = 20.71 FT.

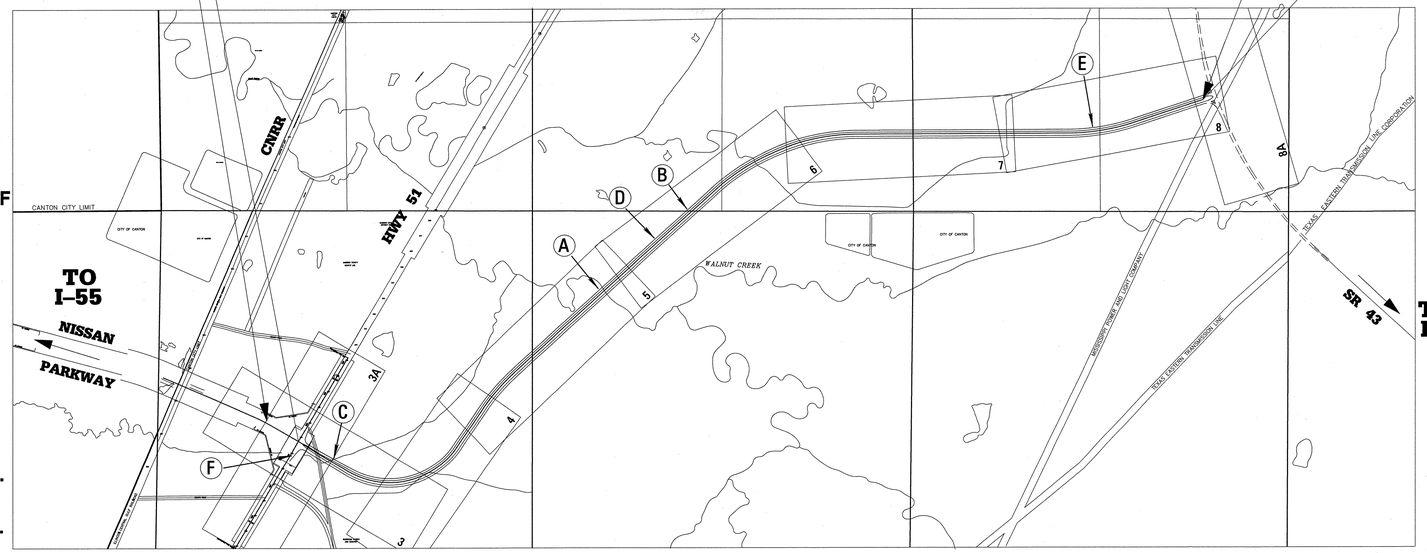
SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 1000 FT.

TO CANTON

E.O.P. STA.318+34.648

E.O.P. CANTON PARKWAY STA. 318+34.648=
S-0431(3)A U.S. HIGHWAY 43 STA. 294+85.618



TO I–55

TO MADISON

TO PELAHATCHIE

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

LENGTH DATA

LENGTH OF ROADWAY	14294.95 FT.	2.707 MI.
LENGTH OF BRIDGES	1239.70 FT.	0.235 MI.
LENGTH OF PROJECT (NET)		2.942 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		2.942 MI.

DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2011) = 10,300: ADT (2031) = 21,500

DHV = 1580 : D = 60 % T= 12 %

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)*	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 (DISTURBED 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: _____ DATE: 7/19/10

61

APPROVED: _____ 7/19/10
CHIEF ENGINEER DATE

_____ 7/19/10
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

_____ _____
DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS | BY | DATE

7/19/2010 2:38 PM TITLE2.DGN
TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1 st O. REV.

STATE	PROJECT NO.
MISS.	NCPD-6993-00(001)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (4)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
GENERAL NOTES	GN-1	4
DETAILED INDEX (BRIDGE)	DI-BR	5
TYPICAL SECTION SHEETS (3)		
NEW CONSTRUCTION FOR CANTON PARKWAY	TS-1	6
WIDENING & OVERLAY FOR HWY 51 INTERSECTION	TS-2	7
WIDENING & OVERLAY FOR NISSAN PARKWAY	TS-3	8
QUANTITY SHEETS (19)		
SUMMARY OF QUANTITIES	SQ-1	9
SUMMARY OF QUANTITIES	SQ-2	10
SUMMARY OF QUANTITIES	SQ-3	11
SUMMARY OF QUANTITIES	SQ-4	12
SUMMARY OF QUANTITIES	SQ-5	12.1
SUMMARY OF QUANTITIES (BRIDGE)	SQ-BR	13
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-1	14
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-2	15
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-3	16
ESTIMATED QUANTITIES - TRAFFIC CONTROL	EQ-4	17
ESTIMATED QUANTITIES - TRAFFIC CONTROL	EQ-5	18
ESTIMATED QUANTITIES - PAVEMENT MARKINGS	EQ-6	19
ESTIMATED QUANTITIES - REMOVAL OF CURB; PAVEMENT; ESTIMATED EARTHWORK	EQ-7	20
ESTIMATED QUANTITIES - GUARDRAIL; BRIDGE END PAVEMENT	EQ-8	21
ESTIMATED QUANTITIES - DRIVEWAYS; CURB AND GUTTER	EQ-9	22
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	SRS-1	23
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	SRS-2	24
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	SRS-3	25
ESTIMATED BRIDGE QUANTITIES	EQ-BR	26
PLAN AND PROFILE SHEETS (12)		
MAIN FACILITY - B.O.P. TO STA. 185+00	3	27
HWY 51 - STA. 110+00 TO STA. 125+62	3A	28
ACCESS ROADS - LR 175+00R AND LR 183+61R	3B	28.1
MAIN FACILITY - STA. 185+00 TO STA. 200+00	4	29
ACCESS ROADS - LR 199+79L AND LR 199+79R	4A	29.1
MAIN FACILITY - STA. 200+00 TO STA. 229+00	5	30
ACCESS ROADS - LR 214+45L AND LR 214+45R	5A	30.1
MAIN FACILITY - STA. 229+00 TO STA. 259+00	6	31
ACCESS ROADS - LR 248+23L AND LR 248+23R	6A	31.1
MAIN FACILITY - STA. 259+00 TO STA. 289+00	7	32
MAIN FACILITY - STA. 289+00 TO E.O.P.	8	33
HWY 43 - STA. 281+00 TO STA. 304+00	8A	34
INTERSECTION DETAIL SHEETS (2)		
DETAIL OF INTERSECTION - NISSAN/CANTON PARKWAY - STA. 163+00 TO STA. 175+50	ID-1	35
DETAIL OF INTERSECTION - CANTON PARKWAY/SR 43 - STA. 289+00 TO STA. 303+50	ID-2	36
DETAILS OF TRAFFIC CONTROL PLAN (6)		
TRAFFIC CONTROL PLAN - CONSTRUCTION SIGNING (NISSAN PARKWAY)	DCS-1	37
TRAFFIC CONTROL PLAN - CONSTRUCTION SIGNING (HIGHWAY 51)	DCS-2	38
TRAFFIC CONTROL PLAN - CONSTRUCTION SIGNING (HIGHWAY 43)	DCS-3	39
TRAFFIC CONTROL PLAN - HWY 51 INTERSECTION - FIRST PHASE	TC-1	40
TRAFFIC CONTROL PLAN - HWY 51 INTERSECTION - SECOND PHASE	TC-2	41
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	41.1
LIGHTING LAYOUT PLAN (1)	L-1	42
DETAILS OF PAVEMENT MARKING DETAILS (14)		
PAVEMENT MARKING DETAILS	PMD-1	43
PAVEMENT MARKING DETAILS	PMD-1A	44
PAVEMENT MARKING DETAILS	PMD-1B	45
PAVEMENT MARKING DETAILS	PMD-2	46
PAVEMENT MARKING DETAILS	PMD-2A	47
PAVEMENT MARKING DETAILS	PMD-3	48
PAVEMENT MARKING DETAILS	PMD-4	49
PAVEMENT MARKING DETAILS	PMD-5	50
PAVEMENT MARKING DETAILS	PMD-6	51
PAVEMENT MARKING DETAILS	PMD-7	52
PAVEMENT MARKING DETAILS	PMD-8	53
PAVEMENT MARKING DETAILS	PMD-9	54
PAVEMENT MARKING DETAILS	PMD-10	55
PAVEMENT MARKING DETAILS	PMD-11	56

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	
DETAILS OF PAVEMENT MARKING DETAILS (2)			
PAVEMENT MARKING DETAILS	PMD-12	57	
PAVEMENT MARKING DETAILS	PMD-12A	58	
DETAILS OF TRAFFIC SIGNAL IMPROVEMENTS (11) 1			
TRAFFIC SIGNAL IMPROVEMENTS - CANTON PARKWAY AT US HWY 51	TSI-1	59	
TRAFFIC SIGNAL IMPROVEMENTS - CANTON PARKWAY AT US HWY 51	TSI-1A	60	
TRAFFIC SIGNAL IMPROVEMENTS - CANTON PARKWAY AT STATE ROUTE 43	TSI-2	61	
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES	TSD-1	62	
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-2	63	
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	64	
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS, AND MISCELLANEOUS DETAILS	TSD-5	65	
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-6	66	
TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION)	TSD-7	66.1	
SPECIAL POST DESIGN FOR BE PREPARED TO STOP WHEN FLASHING ASSEMBLY	SSD-1	66.2	1
BREAKAWAY SIGN SUPPORTS TYPE A,B,C, AND D POSTS	SSD-4C	66.3	1
DETAILS OF PERMANENT SIGNING (3)			
PERMANENT SIGNING PLAN	PSP-1	67	
PERMANENT SIGNING PLAN	PSP-2	68	
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SPECIAL DESIGN - ROADWAY SHEETS (55) 1			
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EDGE DRAIN DETAIL - CONCRETE APRON AND RODENT SCREEN	EDD-1	71	
DETAIL OF EDGE DRAINS	EDD-2	72	
RUMBLE STRIPS (GROUND-IN) FOR 4-LANE DIVIDED ROADWAYS WITH 2-FOOT PAVED SHOULDER	RS-1A	73	
RIGHT-OF-WAY MARKER	RW-1	74	
PAVEMENT TRANSITION AT BRIDGE ENDS	PT-1	75	
MISCELLANEOUS DETAIL SHEET	MDS-1	76	
BRIDGE END PAVEMENT WITH RAIL AND OVERLAY	BE-1C	77	1
33.5" BRIDGE END PAVEMENT RAIL	BE-PR-1B	78	1
GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	79	
GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)	GR-2F	80	
GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)	GR-2G	81	
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	SDTCP-3	82	
STREET NAME SIGN DETAILS	SNS-1	83	
FORM GRADES - NISSAN/CANTON PARKWAY - STA. 163+00 TO STA. 175+57	FG-1A	84	
FORM GRADES - US HIGHWAY 51 - STA. 109+50 TO STA. 124+00	FG-1B	85	
FORM GRADES - CANTON PARKWAY AT SR 43	FG-2	86	
ECP MAIN FACILITY - B.O.P. TO STA. 185+00	ECP3	87	1
ECP HWY 51 - STA. 110+00 TO STA. 125+62	ECP3A	88	1
ECP ACCESS ROADS - LR 175+00R AND LR 183+61R	ECP3B	89	1
ECP MAIN FACILITY - STA. 185+00 TO STA. 200+00	ECP4	90	1
ECP ACCESS ROADS - LR 199+79L AND LR 199+79R	ECP4A	91	1
ECP MAIN FACILITY - STA. 200+00 TO STA. 229+00	ECP5	92	1
ECP ACCESS ROADS - LR 214+45L AND LR 214+45R	ECP5A	93	1
ECP MAIN FACILITY - STA. 229+00 TO STA. 259+00	ECP6	94	1
ECP ACCESS ROADS - LR 248+23L AND LR 248+23R	ECP6A	95	1
ECP MAIN FACILITY - STA. 259+00 TO STA. 289+00	ECP7	96	1
ECP MAIN FACILITY - STA. 289+00 TO E.O.P.	ECP8	97	1
EROSION CONTROL	EC-1	98	1
SPECIAL DESIGN EROSION CONTROL SHEETS ECD-1 TO ECD-20	ECD-1 TO ECD-20	99 TO 100.18	1
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	TEC-2	100.19	1
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "C1" SILT BASIN (UPSTREAM OF ROADWAY PRIMARILY CAN BE USED DOWNSTREAM)	TEC-C1	100.20	1
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "C2" SILT BASIN DOWNSTREAM OF ROADWAY WITH BAFFLE)	TEC-C2	100.21	1
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN (RIPRAP DIKE SILT BASIN) 135 CU.YDS. CAPACITY PER ACRE OF DRAINAGE	TEC-D	100.22	1
DETAILS OF DITCH TREATMENT	DT-1	100.23	1
RIGHT OF WAY COORDINATES	ROWCOR-1	100.24	1

PS & E PLANS-DATE..1/28/10		
FMS CON. # 104137-301000		
REVISIONS		
DATE	SHEET NO.	BY
12-7-10	2,3,4,6,7,8,9,10,11,12,	
	12.1,19,27,28,28.1,29,	
	29.1,30,30.1,31,31.1,32,33	
	34,50,51,59,60,61,62,63	
	64,65,66,66.1 to 66.3	
	75,77,78 and	
	87 to 100.24	D.S.

1

DATE	REVISION	BY
12-7-10	ADDED or REPLACED SHEETS	D.S.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX (ROADWAY) CANTON PARKWAY

PROJ. NO. NCPD-6993-00(001)
MADISON COUNTY

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: di.dgn
DESIGN TEAM ____ CHECKED ____ DATE ____

61

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

12/9/2010 2:14 PM 01.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	NCPD-6993-00(001)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (44) 1		
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1	120
PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED ROADWAYS	PM-2	121
PAVEMENT MARKING LEGEND DETAILS	PM-5	124
PAVEMENT MARKING LEGEND DETAILS	PM-6	125
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)	TEC-1	142
GUARD RAIL: "W" BEAM (STEEL POSTS)	GR-1B	182
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR-4	194
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-M2	202
MEDIAN BARRIER: CONCRETE (PRECAST)	MB-2A	205
ROUTE SHIELDS AND "EXIT ONLY" PANELS	SN-2	221
STANDARD ROADSIDE SIGNS	SN-3	222
STANDARD ROADSIDE SIGNS	SN-3A	223
STANDARD ROADSIDE SIGNS	SN-3B	224
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
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	233
TYPICAL CROSSOVER DELINEATION	SN-8B	235
TYPICAL GUARDRAIL DELINEATION	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 MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-11	260
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS	TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL: 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-15	264
RURAL DRIVEWAYS	RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS	GT-1	272
SIGHT FLARE	SF-1	273
SPUR DIKE: EARTH	ED-1	274
SUPERELEVATION TRANSITION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY (2% NORMAL SUBGRADE)	SE-2C	278
DRIVEWAYS, CURB & GUTTER, & SIDEWALK	SD-1	287
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS	MDS-1	290
DETAILS OF PAVED FLUMES	PF-1	291
PIPE CULVERT INSTALLATION	PI-1	300
CONCRETE PIPE COLLAR	PC-1	301
BRANCH CONNECTIONS	BC-1	305
TYPE I MEDIAN INLET (24" PIPE AND UNDER)	MI-1	306
TYPE I MEDIAN INLET (29" - 51" PIPE)	MI-1A	307
MEDIAN INLETS FOR BOX CULVERTS (TYPES I AND II)	MI-3	311
MEDIAN INLET (FLUSH WITH FORESLOPE)	MI-4	312
MEDIAN INLET (FLUSH WITH DITCH PLUG)	MI-4A	313
DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	314
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

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
BOX BRIDGE AND BOX CULVERT DRAWINGS (19)		
BASIC CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP II DIAGRAMS	IBJL-1	366.2
SKEWED COLLAR DTLS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE & QUADRUPLE)	ICJS-1	368
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 12 FT - SPANS 12-24 FT	IBS-12-2W	373.1
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 12 FT - SPANS 12-24 FT	IBS-12-2W	373.2
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL HEIGHTS 6-12 FT. - SPANS 6-24 FT.	IWS-3	375.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL HEIGHTS 6-12 FT. - SPANS 6-24 FT.	IWS-3	375.2
BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHT 6 FT - SPANS 12-32 FT	IBD-6-2W	383.1
BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHT 6 FT - SPANS 12-32 FT	IBD-6-2W	383.2
BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHT 12 FT - SPANS 24-40 FT	IBD-12-2W	386.1
BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHT 12 FT - SPANS 24-40 FT	IBD-12-2W	386.2
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3	387
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3	388.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3	388.2
BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE SINGLE & DOUBLE CELL CULVERTS	ISK-15-3W	397.1
BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE SINGLE & DOUBLE CELL CULVERTS	ISK-15-3W	397.2
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
BOX CULVERT DRAWING - 45 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE SINGLE & DOUBLE CELL CULVERTS	ISK-45-3W	403.1
BOX CULVERT DRAWING - 45 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE SINGLE & DOUBLE CELL CULVERTS	ISK-45-3W	403.2
CROSS SECTIONS (44)		
CANTON PARKWAY	901-938	1
HIGHWAY 51 AT CANTON PARKWAY	939-942	1
NISSAN PARKWAY WIDENING	943-944	
TOTAL SHEETS (ROADWAY)	240	1
TOTAL SHEETS (BRIDGE)	80	

1 12-7-10 MOVED SHEET TO SPECIAL DESIGN AND ADJUSTED CROSS SECTIONS D.S.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

CANTON PARKWAY

PROJ. NO. NCPD-6993-00(001)
MADISON COUNTY

WORKING NUMBER DI-2

SHEET NUMBER 3

FILENAME: di.dgn
DESIGN TEAM CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

12/9/2010 11:57 AM DI.DGN

STATE	PROJECT NO.
MISS.	NCPD-6993-00(001)

1 st O. REV.

GENERAL NOTES

1.) FOR A LIST OF PUBLIC UTILITIES, SEE WK. NO. 3. 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 LOCATED IN ADVANCE OF CONSTRUCTION.

2.) A SOIL PROFILE, PREPARED FOR THIS PROJECT ON SAMPLES TAKEN FROM HOLES AT LOCATIONS INDICATED IN THE TEST REPORTS, IS ON FILE AT THE OFFICE OF THE PROJECT ENGINEER AND IS AVAILABLE FOR EXAMINATION. THE ENGINEER DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.

3.) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES THAT ARE TO REMAIN 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.

4.) IN ORDER TO HOLD SILTATION TO A MINIMUM, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES. PAYMENT FOR THESE ITEMS OF WORK SHALL BE MADE UNDER APPROPRIATE PAY ITEMS.

5.) 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 UNITED STATES DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO CONSTRUCTION AND MAINTAIN THE PLAN DURING CONSTRUCTION.

6.) PRIOR TO EARTHWORK OPERATIONS, ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED. AFTER GRADING OPERATIONS ARE COMPLETED, ALL SLOPES SHALL BE UNIFORMLY PLATED WITH THE STOCKPILED TOPSOIL. STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL WILL NOT BE MEASURED FOR PAY (NOT A SEPARATE PAY ITEM.)

7.) EXISTING STORM DRAIN PIPE, CULVERTS, CROSS DRAINS, AND OTHER DRAINAGE STRUCTURES THAT ARE TO REMAIN SHALL BE CLEANED OF SILT, TRASH AND DEBRIS SATISFACTORILY TO THE ENGINEER. ALL COSTS OF SAID CLEANING WILL BE CONSIDERED SUBSIDIARY TO THE CONTRACT AND WILL NOT BE MEASURED AND PAID FOR DIRECTLY. EXISTING STORM DRAIN PIPE, CULVERTS, SIDE DRAINS, AND CROSS DRAINS WITHIN THE PROJECT LIMITS THAT ARE NOT TO BE UTILIZED SHALL BE REMOVED OR ABANDONED IN PLACE. WHEN A PIPE OR CULVERT IS ABANDONED IN PLACE, IT SHALL BE PLUGGED AT EACH END WITH CONCRETE SATISFACTORILY TO THE ENGINEER. ALL COSTS ASSOCIATED WITH ABANDONING IN PLACE, INCLUDING THE CONCRETE, WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE CONTRACT AND WILL NOT BE MEASURED AND PAID FOR DIRECTLY. PAYMENT FOR REMOVAL SHALL BE MADE UNDER APPROPRIATE PAY ITEMS.

8.) 25% SHRINKAGE FACTOR USED IN DETERMINATION OF EARTHWORK VOLUMES IS FOR DESIGN ESTIMATING PURPOSES ONLY.

9.) 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.

10.) WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THE RISK OF A SLOPE 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 MATERIAL AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, INCLUDING SHEETPILE, SHALL BE CONSIDERED SUBSIDIARY TO THE CONTRACT AND WILL NOT BE MEASURED AND PAID FOR DIRECTLY.

11.) 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). A CONCRETE COLLAR (WK. NO. PC-1) IS REQUIRED ON ALL PIPE EXTENSIONS.

12.) ALL PROPOSED PAVEMENT MARKINGS, GUARDRAIL, AND PERMANENT SIGNING SHALL BE INSTALLED BEFORE OPENING FACILITY TO TRAFFIC.

13.) SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN IN PLANS.

14.) SEE WK. NO. TC-1 FOR GENERAL NOTES REGARDING TRAFFIC CONTROL, AND WK. NO. PSP-1 FOR GENERAL NOTES REGARDING PERMANENT SIGNS.

15.) 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).

16.) 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.

17.) TOEWALLS REQUIRED AT ALL FLARED END SECTIONS.

18.) PAVED APRONS (PA-1) REQUIRED AT ALL MEDIAN INLETS.

⚠ 19.) THE CLEARING LIMITS ADJACENT TO THE STREAM AT STATION 225+00 WILL BE LIMITED TO NO FURTHER THAN TEN (10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY (50) FEET FROM THE TOP OF THE BANKS.

20.) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE M.U.T.C.D. (LATEST EDITION).

21.) WIRE BACKING REQUIRED ON ALL SILT FENCES.

22.) REFER TO THE PROPOSAL FOR SPECIAL INSTRUCTIONS AND REQUIREMENTS WHEN WORKING NEAR THE ENTERGY TRANSMISSION LINES AND GULFSOUTH PIPELINE.

CADD

BY	DATE	REVISED NOTE
O.S.	12-7-10	REVISION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJ. NO.: NCPD-6993-00(001)
MADISON COUNTY

FILENAME: gn.dgn
DESIGN TEAM WGK CHECKED DATE

WORKING NUMBER GN-1

SHEET NUMBER 4

COUNTY: MADISON

PROJECT NO.: NCPD-6993-(001)

STATE	PROJECT NO.
MISS.	NCPD-6993-00(001)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT OPP. STA. 220+84.18 (LEFT LANES) OPP. STA. 221+08.18 (RIGHT LANES)		
CANTON PARKWAY OVER BEAR CREEK (GENERAL NOTES)	A1 OF 43	466
CANTON PARKWAY OVER BEAR CREEK (LAYOUT)	A2 OF 43	467
CANTON PARKWAY OVER BEAR CREEK (LAYOUT)	A3 OF 43	468
CANTON PARKWAY OVER BEAR CREEK (FOUNDATION LAYOUT)	A4 OF 43	469
CANTON PARKWAY OVER BEAR CREEK (FOUNDATION LAYOUT)	A5 OF 43	470
CANTON PARKWAY OVER BEAR CREEK GENERALIZED SOIL PROFILE	A6 OF 43	471
CANTON PARKWAY OVER BEAR CREEK GENERALIZED SOIL PROFILE	A7 OF 43	472
END BENT NO. 1 LEFT	A8 OF 43	473
END BENT NO. 14 LEFT	A9 OF 43	474
END BENT NO. 1 RIGHT	A10 OF 43	475
END BENT NO. 14 RIGHT	A11 OF 43	476
END BENT DETAILS (L&R)	A12 OF 43	477
INT. BENTS NO. 2L, 3L, 4L, 9L, 10L, 12L & 13L	A13 OF 43	478
INT. BENTS NO. 2R, 3R, 4R, 9R, 10R, 12R & 13R	A14 OF 43	479
INT. BENT NO. 11L	A15 OF 43	480
INT. BENT NO. 11R	A16 OF 43	481
INT. BENTS NO. 5L & 8L	A17 OF 43	482
INT. BENTS NO. 5R & 8R	A18 OF 43	483
BEARING DIMENSIONS BENTS NO. 5 & 8 LEFT AND RIGHT	A18A OF 43	483A
INT. BENTS NO. 5L, 8L, 5R & 8R DETAILS	A19 OF 43	484
INT. BENTS NO. 6L & 7L	A20 OF 43	485
INT. BENTS NO. 6R & 7R	A21 OF 43	486
INT. BENTS NO. 6L, 7L, 6R & 7R DETAILS	A22 OF 43	487
40 FT. SPAN SECTION DETAILS	A23 OF 43	488
120 & 130 FT. SPAN SECTION DETAILS	A24 OF 43	489
40 FT. SPAN DETAILS	A25 OF 43	490
40 FT. SPAN DETAILS	A26 OF 43	491
120 FT. SPAN DETAILS	A27 OF 43	492
120 & 130 FT. SPAN DETAILS	A28 OF 43	493
130 FT. SPAN DETAILS	A29 OF 43	494
120 FT. SPAN DETAILS	A30 OF 43	495
120 FT. SPAN DETAILS	A31 OF 43	496
40 FT. SPAN DETAILS	A32 OF 43	497
40 FT. SPAN DETAILS	A33 OF 43	498
40 FT. SPAN DETAILS	A34 OF 43	499
40 FT. SPAN DETAILS	A35 OF 43	500
MISCELLANEOUS SPAN DETAILS	A36 OF 43	501
RAILING DETAILS	A37 OF 43	502
40 FT. BEAM DETAILS (END SPAN) BEAM NO. 40-1 & 40-3 (TYPE 1+2)	A38 OF 43	503
40 FT. BEAM DETAILS (INT. SPAN) BEAM NO. 40-2 (TYPE 1+2)	A39 OF 43	504
120 FT. BEAM DETAILS (END SPAN) BEAM NO. 120-1 (BT-72)	A40 OF 43	505
130 FT. BEAM DETAILS (INT. SPAN) BEAM 130-1 (BT-72)	A41 OF 43	506
NON-SEISMIC 14", 16", 18" & 20" SQUARE PRESTRESSED CONCRETE PILES	A42 OF 43	507
OSTERBERG LOAD TEST DETAILS	A43 OF 43	508

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT OPP. STA. 239+39.21 (LEFT LANES) OPP. STA. 239+39.21 (RIGHT LANES)		
CANTON PARKWAY OVER BEAR CREEK RELIEF (GENERAL NOTES)	B1 OF 18	509
CANTON PARKWAY OVER BEAR CREEK RELIEF (LAYOUT)	B2 OF 18	510
CANTON PARKWAY OVER BEAR CREEK RELIEF (FOUNDATION LAYOUT)	B3 OF 18	511
CANTON PARKWAY OVER BEAR CREEK RELIEF GENERALIZED SOIL PROFILE	B4 OF 18	512
END BENT NO. 1 DETAILS	B5 OF 18	513
END BENT NO. 10 DETAILS	B6 OF 18	514
END BENT DETAILS	B7 OF 18	515
INT. BENTS NO. 2, 4, 6, 7 & 9 DETAILS	B8 OF 18	516
INT. BENT NO. 3 & 8 DETAILS	B9 OF 18	517
INT. BENT NO. 5 DETAILS	B10 OF 18	518
40 FT. SPAN DETAILS	B11 OF 18	519
40 FT. SPAN DETAILS	B12 OF 18	520
40 FT. SPAN DETAILS	B13 OF 18	521
MISCELLANEOUS SPAN DETAILS	B14 OF 18	522
RAILING DETAILS	B15 OF 18	523
40 FT. BEAM DETAILS (END SPAN) BEAM NO. 40-1 & 40-3 (TYPE 1+2)	B16 OF 18	524
40 FT. BEAM DETAILS (INT. SPAN) BEAM NO. 40-2 (TYPE 1+2)	B17 OF 18	525
NON-SEISMIC 14", 16", 18" & 20" SQUARE PRESTRESSED CONCRETE PILES	B18 OF 18	526

CHARLES H. BRYAN
REGISTERED PROFESSIONAL ENGINEER
6186
STATE OF MISSISSIPPI
2/10/08

REVISIONS | BY | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX
(BRIDGE)

PROJECT 104137-301000
NCPD-6993-00(001)

MADISON COUNTY

WORKING NUMBER
DI-BR

SHEET NUMBER
5

DESIGNED VMG DETAILED DR TRACED CADD
CHECKED ICE ISSUED CHB DATE 02/09/08