

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH-0008-02(096)	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 checked="" type="checkbox"/> BRIDGE STANDARD DWGS .....	7001
<input type="checkbox"/> BRIDGE .....	8001
<input checked="" type="checkbox"/> CROSS SECTIONS .....	9001

**BRIDGE STRUCTURES REQ'D.  
NONE**

**BOX BRIDGES REQ'D.  
NONE**

**GPS CONTROL NOTES**

HORIZONTAL DATUM: NAD 83(86)	MS EAST ZONE (US SURVEY FEET)	
HORIZONTAL MONUMENT	NORTH	EAST
104989-CP3	773084.06	763804.145

VERTICAL DATUM: NAVD 88	(US SURVEY FEET)
VERTICAL MONUMENT	ELEVATION
104989-CP3	294.993

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET	
CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999995662
GRID TO GEODETIC AZIMUTH	(-) 0° 22' 16.91123"

LENGTH OF ROADWAY	1891.99 FT.	0.358 MI.
LENGTH OF BRIDGES	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (NET)		0.358 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (GROSS)		0.358 MI.

**STATE OF MISSISSIPPI**

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NH-0008-02(096)**

**US 49 INTERSECTION IMPROVEMENTS AT KOLA ROAD, W. FRONTAGE ROAD, AND FIR ST. COVINGTON COUNTY**

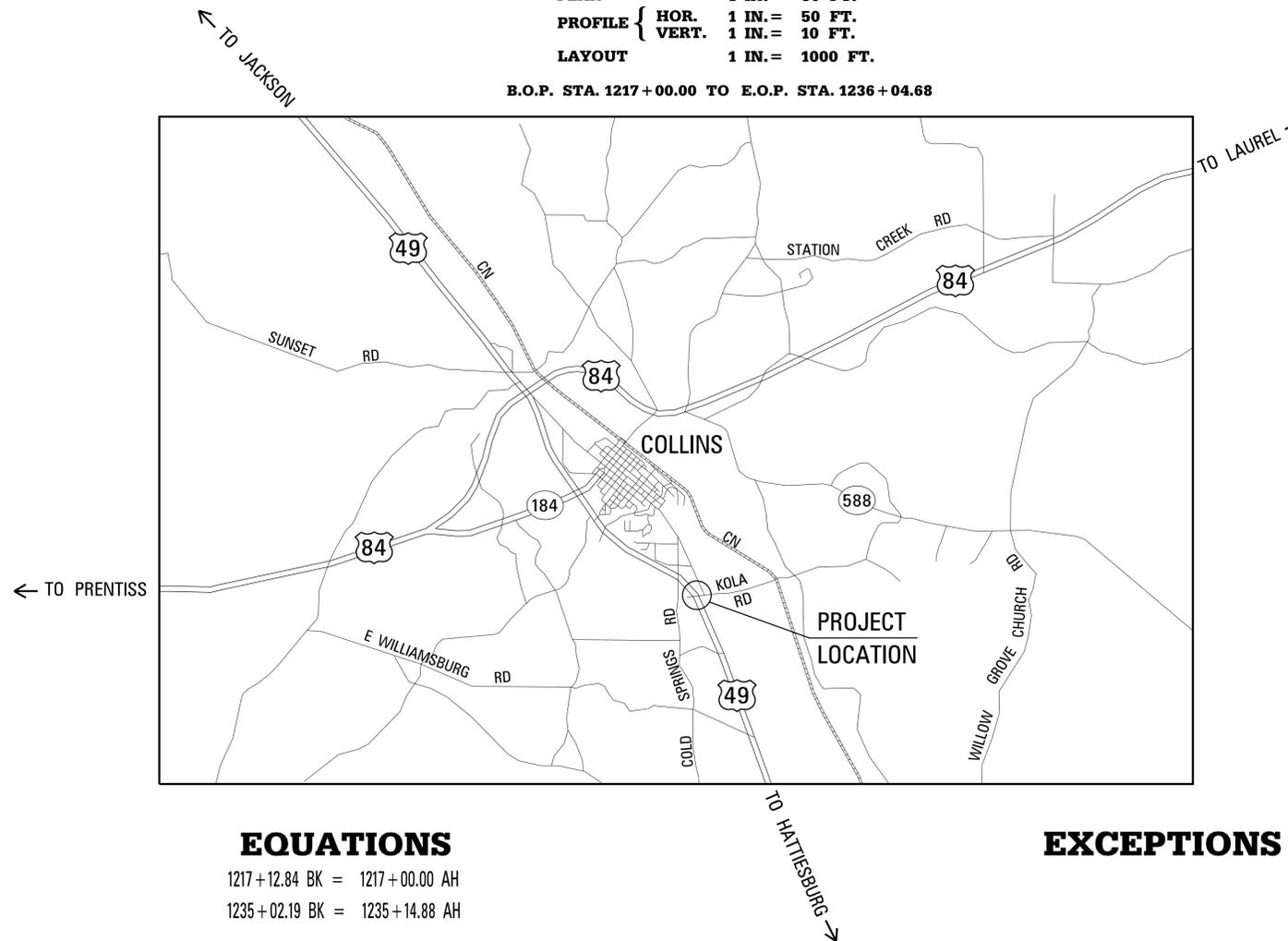
**CONST 105778/301000**

**MDOT EAST ZONE**

**SCALES**

PLAN	1 IN. = 50 FT.
PROFILE { HOR.	1 IN. = 50 FT.
{ VERT.	1 IN. = 10 FT.
LAYOUT	1 IN. = 1000 FT.

**B.O.P. STA. 1217+00.00 TO E.O.P. STA. 1236+04.68**

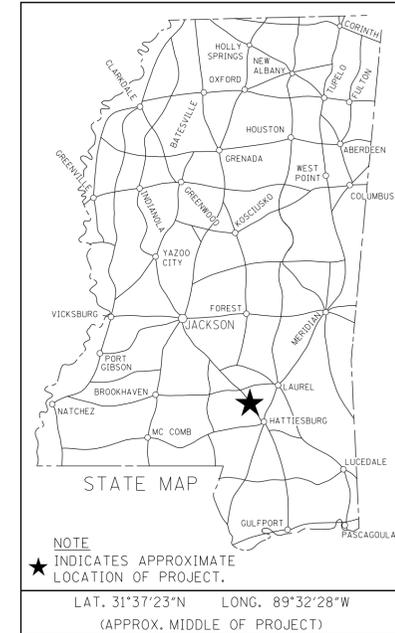


**EQUATIONS**

1217 + 12.84 BK = 1217 + 00.00 AH  
 1235 + 02.19 BK = 1235 + 14.88 AH

**LENGTH DATA**

**EXCEPTIONS**



<b>DESIGN CONTROL</b>	
60 MPH = V (SPEED DESIGN)	
ADT (2013) = 23600 ; ADT (2033) = 37900	
DHV = 4100 ; D = 50% T = 10%	
<b>PERMITS ACQUIRED BY MDOT</b>	
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):	
	WATERS WETLANDS
NATIONWIDE #14	<input type="checkbox"/> N <input type="checkbox"/> N
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
GENERAL*	<input type="checkbox"/> N <input type="checkbox"/> N
INDIVIDUAL (404)*	<input type="checkbox"/> N <input type="checkbox"/> N
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR	
<b>STORMWATER PERMIT</b> <input checked="" type="checkbox"/> Y	
Y	REQUIRED, SCNOI 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: _____	

P S & E DATE: 4-13-16

APPROVED:	_____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	_____
EXECUTIVE DIRECTOR	_____
<b>MDOT</b> MISSISSIPPI DEPARTMENT OF TRANSPORTATION	



10/26/2016 1:41:12 PM TITL.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**DESCRIPTION OF SHEET**

**REVISION DATE**  
**WKG. NO.**  
**SH. NO.**

**TITLE SHEET (1)**

**DETAILED INDEX & GENERAL NOTES (3)**

DETAILED INDEX  
DETAILED INDEX  
GENERAL NOTES

DI-1 2  
DI-2 3  
GN-1 4

**TYPICAL SECTION SHEETS (7)**

US 49  
US 49  
US 49  
KOLA RD  
KOLA RD  
W FRONTAGE  
E FRONTAGE /FIR ST

TS-1 5  
TS-2 6  
TS-3 7  
TS-4 8  
TS-5 9  
TS-6 10  
TS-7 11

**QUANTITY SHEETS (11)**

SUMMARY OF QUANTITIES - (ROADWAY)  
SUMMARY OF QUANTITIES - (ROADWAY)  
SUMMARY OF QUANTITIES - (ROADWAY)  
ESTIMATED QUANTITIES - (REMOVAL)  
ESTIMATED QUANTITIES - (ROADWAY)  
ESTIMATED QUANTITIES - (ROADWAY)  
ESTIMATED QUANTITIES - (STANDARD ROADSIDE SIGN)  
ESTIMATED QUANTITIES - (DIRECTIONAL SIGN ASSEMBLIES)  
ESTIMATED QUANTITIES - (BOX CULVERT)  
ESTIMATED QUANTITIES - (TRAFFIC CONTROL SIGNS)

SQ-1 12  
SQ-2 13  
SQ-3 14  
EQ-1 15  
EQ-2 16  
EQ-3 17  
EQ-4 18  
EQ-5 19  
EQ-6 20  
EQ-7 21

CULVERT HYDRAULIC DESIGN SUMMARY

HD-1 22

**PLAN & PROFILE SHEETS (8)**

US 49 NORTH BOUND  
US 49 SOUTH BOUND  
KOLA RD  
KOLA RD  
W FRONT  
E FRONT /FIR ST  
US 49 NORTH BOUND  
US 49 SOUTH BOUND

3RT 23  
3LT 24  
3A 25  
3B 26  
3C 27  
3D 28  
4RT 29  
4LT 30

**SPECIAL DESIGN SHEETS (65)**

CONSTRUCTION SIGNING DETAIL ADVANCE WARNING SIGNS  
DETOUR PLANS  
TEMPORARY PAVEMENT MARKING  
TEMPORARY PAVEMENT MARKING  
TRAFFIC CONTROL - PHASE 1  
TRAFFIC CONTROL - PHASE 2  
TRAFFIC CONTROL - PHASE 3  
TRAFFIC CONTROL - PHASE 4  
TRAFFIC CONTROL - PHASE 5  
TRAFFIC CONTROL - PHASE 6  
TRAFFIC CONTROL - PHASE 6 & 7  
TRAFFIC CONTROL - DRUM PLACEMENT & SHOULDER CLOSURE DETAILS  
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS  
INTERSECTION DETAIL  
FORM GRADE  
FORM GRADE

CSD-1 31  
DET-1 32  
TPMD-1 33  
TPMD-2 34  
TC-1-1 35  
TC-2-1 36  
TC-3-1 37  
TC-4-1 38  
TC-5-1 39  
TC-6-1 40  
TC-6-2 41  
TCP-SC 42  
SDTCP-10 43  
ID-1 44  
FG-1 45  
FG-2 46

**DESCRIPTION OF SHEET**

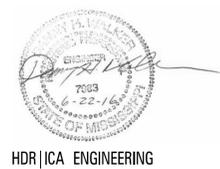
**REVISION DATE**  
**WKG. NO.**  
**SH. NO.**

**SPECIAL DESIGN SHEETS (CONT.)**

PAVEMENT MARKINGS DETAILS  
PAVEMENT MARKINGS DETAILS  
PRELIMINARY EROSION CONTROL PLANS - US 49 NORTH BOUND  
PRELIMINARY EROSION CONTROL PLANS - US 49 SOUTH BOUND  
PRELIMINARY EROSION CONTROL PLANS - KOLA RD  
PRELIMINARY EROSION CONTROL PLANS - KOLA RD  
PRELIMINARY EROSION CONTROL PLANS - W FRONT  
PRELIMINARY EROSION CONTROL PLANS - E FRONT /FIR ST  
PRELIMINARY EROSION CONTROL PLANS - US 49 NORTH BOUND  
PRELIMINARY EROSION CONTROL PLANS - US 49 SOUTH BOUND  
EROSION CONTROL DETAILS - TYPICAL TEMPORARY EROSION /SEDIMENT CONTROL APPLICATIONS  
EROSION CONTROL DETAILS - DETAILS OF SEDIMENT BARRIER APPLICATIONS  
EROSION CONTROL DETAILS - DETAILS OF SILT FENCE INSTALLATION  
EROSION CONTROL DETAILS - DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS  
EROSION CONTROL DETAILS - TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS  
EROSION CONTROL DETAILS - DETAILS OF EROSION CONTROL WATTLE DITCH CHECK  
EROSION CONTROL DETAILS - DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK  
EROSION CONTROL DETAILS - ROCK DITCH CHECK  
EROSION CONTROL DETAILS - ROCK DITCH CHECK WITH SUMP EXCAVATION  
EROSION CONTROL DETAILS - INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS  
EROSION CONTROL DETAILS - INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS  
EROSION CONTROL DETAILS - INLET PROTECTION DETAILS OF WATTLES  
EROSION CONTROL DETAILS - INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE  
EROSION CONTROL DETAILS - INLET PROTECTION DETAILS OF SAND BAG  
EROSION CONTROL DETAILS - STABILIZED CONSTRUCTION ENTRANCE  
EROSION CONTROL DETAILS - TEMPORARY CULVERT STREAM CROSSING  
EROSION CONTROL DETAILS - TEMPORARY STREAM DIVERSION  
EROSION CONTROL DETAILS - TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)  
EROSION CONTROL DETAILS - DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK  
EROSION CONTROL DETAILS - TEMPORARY STREAM DIVERSION  
EROSION CONTROL DETAILS - TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)  
EROSION CONTROL DETAILS - DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK  
EROSION CONTROL DETAILS - DETAILS OF TYPICAL DITCH TREATMENTS  
EROSION CONTROL DETAILS - DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT  
EROSION CONTROL DETAILS - EROSION CONTROL  
EROSION CONTROL DETAILS - TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)  
EROSION CONTROL DETAILS - TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)  
EROSION CONTROL DETAILS - TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN) (RIPRAP DIKE SILT BASIN)  
RUMBLE STRIPES 4-LANE WITH FULL-WIDTH PAVED SHOULDERS (CONC. LANES, ASPH. SHLD)  
SUPERELEVATION CASE 1 ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)  
DRIVEWAYS, CURB & GUTTER & SIDEWALK  
CURB & GUTTER AND ISLAND DETAILS  
INLET CONVERSION COVER DETAIL  
VEGETATION SCHEDULE - GRADE, DRAIN, & PAVING  
BREAKAWAY SIGN SUPPORTS  
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS

PMD-1 47  
PMD-2 48  
ECP-3RT 49  
ECP-3LT 50  
ECP-3A 51  
ECP-3B 52  
ECP-3C 53  
ECP-3D 54  
ECP-4RT 55  
ECP-4LT 56  
ECD-1 57  
ECD-2 58  
ECD-3 59  
ECD-4 60  
ECD-5 61  
ECD-6 62  
ECD-7 63  
ECD-8 64  
ECD-9 65  
ECD-10 66  
ECD-11 67  
ECD-12 68  
ECD-13 69  
ECD-14 70  
ECD-15 71  
ECD-16 72  
ECD-17 73  
ECD-18 74  
ECD-19 75  
ECD-20 76  
ECD-21 77  
ECD-22 78  
DT-1 79  
DT-1A 80  
EC-1 81  
TEC-2 82  
TEC-3 83  
TEC-D135 84  
RS-3 85  
SDSE-2A 86  
SDSD-1 87  
MD-1 88  
MD-2 89  
VS-1 90  
SDSN-6B 91  
SDSN-8 92

PS&E PLANS PRINTED 06-22-16	
REVISIONS	DATE



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJ. NO.: NH-0008-02(096)	
COUNTY: COVINGTON	
FILENAME: SEAL_DI.DGN	WORKING NUMBER
DESIGN TEAM: HDR   ICA	D1-1
CHECKED: _____ DATE: _____	SHEET NUMBER
	2

10/26/2016 14:13:57 SEAL-D1.DGN

DESCRIPTION OF SHEET

REVISION DATE    WKG. NO.    SH. NO.

DESCRIPTION OF SHEET

REVISION DATE    WKG. NO.    SH. NO.

SPECIAL DESIGN SHEETS (CONT.)

SOURCE OF SURVEY CONTROL  
R.O.W. MARKERS COORDINATES  
RIGHT-OF-WAY MARKER

SC-1    94  
RWC-1    95  
RW-1    96

PERMANENT SIGNING (2)

PERMANENT SIGNING PLANS  
DIRECTIONAL SIGNING DETAIL

PSP-1    1001  
DSD-1    1002

TRAFFIC SIGNAL (10)

TRAFFIC SIGNAL INSTALLATION - SIGNAL LAYOUT  
TRAFFIC SIGNAL INSTALLATION - WIRING DIAGRAM  
DETAIL OF TRAFFIC SIGNAL HEADS, SIGNS, AND GENERAL NOTES  
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATIONS  
PULLBOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATIONS  
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS, MISCELLANEOUS DETAILS  
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION  
TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION)  
BE PREPARED TO STOP WHEN FLASHING ASSEMBLY  
BREAKAWAY SIGN SUPPORTS FOR TYPE A, B, C, AND D POSTS

TSI-1    2001  
TSI-2    2002  
TSD-1    2003  
TSD-2    2004  
TSD-3    2005  
TSD-5    2006  
TSD-6    2007  
TSD-7    2008  
SSD-1    2009  
SSD-4C    2010

STANDARD DRAWINGS - ROADWAY SHEETS (46)

PAVEMENT MARKING

PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED HIGHWAYS  
PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED ROADWAYS  
PAVEMENT MARKING LEGEND DETAILS

12-01-99    PM-1    6120  
12-01-99    PM-2    6121  
PM-6    6125

SIGNING

STANDARD ROADSIDE SIGNS  
STANDARD ROADSIDE SIGNS  
STANDARD ROADSIDE SIGNS  
STANDARD ROADSIDE SIGN ASSEMBLY INSTALLATION  
STANDARD ROADSIDE SIGN ASSEMBLY INSTALLATION  
STANDARD ROADSIDE SIGN ASSEMBLY INSTALLATION  
BREAKAWAY SIGN SUPPORTS

SN-3    6222  
SN-3A    6223  
SN-3B    6224  
SN-4    6225  
SN-4A    6226  
SN-4B    6227  
SN-6A    6230

TRAFFIC CONTROL PLANS

TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)  
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH  
(4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)  
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  
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

TCP-1    6250  
TCP-2    6251  
TCP-5    6254  
TCP-8    6257  
TCP-9    6258  
TCP-11    6260  
TCP-13    6262  
TCP-14    6263  
TCP-15    6264  
TCP-16    6265

MISCELLANEOUS ROADWAY DETAILS

RURAL DRIVEWAYS  
MISCELLANEOUS DETAIL SHEET  
DETAILS OF PAVED FLUMES

RD-1    6271  
MDS-1    6290  
PF-1    6291

STANDARD DRAWINGS - ROADWAY SHEETS (CONT.)

DRAINAGE

PIPE CULVERT INSTALLATION  
CONCRETE PIPE COLLAR  
JUNCTION BOX FOR PIPE CULVERTS  
BRANCH CONNECTIONS  
TYPE I MEDIAN INLET (24" PIPE AND UNDER)  
TYPE I MEDIAN INLET (29" - 51" PIPE)  
TYPE II MEDIAN INLET (51" PIPE AND UNDER)  
MEDIAN INLET FOR BOX CULVERTS (TYPE I & II)  
MEDIAN INLET (FLUSH WITH FORESLOPE)  
DETAILS OF GRATES FOR MEDIAN INLETS  
DETAILS OF GRATES FOR GUTTER INLETS  
GUTTER INLET FOR TYPE 2 CURB (OUTLET 90° TO ROADWAY)  
PAVED INLET APRON AND MEDIAN DITCH PLUG  
FLARED END SECTION FOR CONCRETE PIPE  
FLARED END SECTION FOR CONCRETE ARCH PIPE

3-01-02

PI-1    6300  
PC-1    6301  
JB-1    6302  
BC-1    6305  
MI-1    6306  
MI-1A    6307  
MI-2    6309  
MI-3    6311  
MI-4    6312  
IG-1    6314  
IG-2    6315  
GI-1    6316  
PA-1    6318  
FE-1    6328  
FE-1A    6329

STANDARD DRAWINGS - BRIDGE

MISCELLANEOUS ROADWAY DETAILS

COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE & QUADRUPLE)  
SKEWED COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE & QUADRUPLE)  
BASIC CULVERT DRAWING SINGLE CELL  
HEIGHTS 6 FT. SPANS 6-20 FT.  
BASIC CULVERT DRAWING SINGLE CELL  
HEIGHTS 6 FT. SPANS 6-20 FT.  
BASIC CULVERT DRAWING SINGLE CELL  
HEIGHTS 10 FT. SPANS 10-22 FT.  
BASIC CULVERT DRAWING SINGLE CELL  
HEIGHTS 10 FT. SPANS 10-22 FT.  
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL HEIGHTS  
6-12 FT. SPANS 6-24 FT.  
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL HEIGHTS  
6-12 FT. SPANS 6-24 FT.  
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL HEIGHTS  
6-12 FT. SPANS 6-24 FT.  
BOX CULVERT DRAWING 45° SKEW DETAILS WINGS WITH 3:1 SLOPE SINGLE & DOUBLE CELL CULVERTS

ICJ-1-97    7504  
ICJS-1-97    7505  
IBS-6-2W-97    7507  
IBS-6-2W-97    7508  
IBS-10-2W-97    7511  
IBS-10-2W-97    7512  
IWS-3-97    7515  
IWS-3-97    7516  
IWS-3-97    7517  
ISK-45-3W-97    7562

CROSS SECTIONS (18)

US 49  
KOLA RD.  
WEST FRONTAGE RD.  
EAST FRONTAGE RD.

9001-9004  
9005-9010  
9010-9013  
9014-9018

PLAN SET TOTAL

173

10/26/2016 14:15:21 SEAL-DI.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJ. NO.: NH-0008-02(096)	
COUNTY: COVINGTON	
FILENAME: SEAL_DI.DGN	WORKING NUMBER
DI-2	SHEET NUMBER
3	

