

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NHPP-0055-03(090)	1

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input type="checkbox"/> PERMANENT SIGNS	1001
<input 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 type="checkbox"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NHPP-0055-03(090)

I-55 SLIDE REPAIR NEAR DUCK HILL NORTH OF PROVIDENCE ROAD MONTGOMERY COUNTY

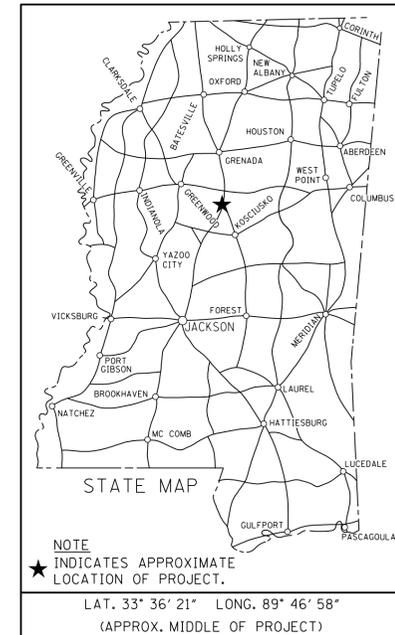
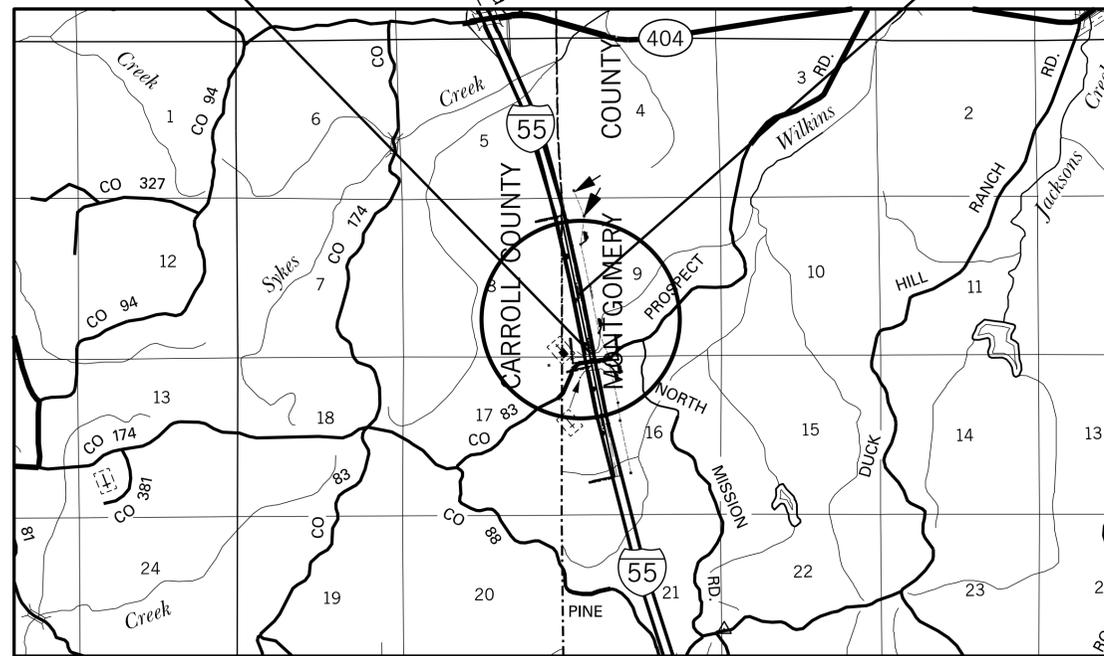
FMS. CONST. NO. 107284301000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE {	HOR. 1 IN. = 100 FT.
VERT.	1 IN. = 10 FT.
LAYOUT	1 IN. = 3000 FT.

B.O.P. STA. 789 + 20

E.O.P. STA. 795 + 50



DESIGN CONTROL	
70 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	<input type="checkbox"/> <input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/> <input type="checkbox"/>
GENERAL*	<input type="checkbox"/> <input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/> <input type="checkbox"/>
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR	
STORMWATER PERMIT <input checked="" type="checkbox"/>	
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
S	REQUIRED, CNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY: _____	

SURVEY PERFORMED USING THE MDOT VRN

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD MS ZONE (US SURVEY FEET)
HORIZONTAL MONUMENT NORTH EAST

VERTICAL DATUM: NAVD (US SURVEY FEET)
VERTICAL MONUMENT ELEVATION

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	
GRID TO GEODETIC AZIMUTH	

LENGTH OF ROADWAY 630 FT. .11 MI.
LENGTH OF BRIDGES FT. MI.
LENGTH OF PROJECT (NET) FT. .11 MI.
LENGTH OF EXCEPTIONS FT. MI.
LENGTH OF PROJECT (GROSS) FT. .11 MI.

EQUATIONS

EXCEPTIONS

LENGTH DATA

P S & E DATE: 6/7/2016

APPROVED: _____

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



6/8/2016 8:27 AM TLES.DGN

STATE	PROJECT NO.
MISS.	NHPP-0055-03(090)

DESCRIPTION OF SHEET

WKG.
NO.

SH.
NO.

DESCRIPTION OF SHEET

WKG.
NO.

SH.
NO.

TITLE SHEET (1)

1

STANDARD DRAWINGS - ROADWAY SHEETS (8)

DETAILED INDEX & GENERAL NOTES (2)

DETAILED INDEX
GENERAL NOTES

DI-1
GN-1

2
3

TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS

GT-1
MDS-1

6272
6290

CONSTRUCTION SEQUENCE SHEETS (1)

CONSTRUCTION SEQUENCE, HYDRAULIC STRUCTURE INSTALLATION & CONSTRUCTION, AND SLIDE REPAIR

SC-1

4

PIPE CULVERT INSTALLATION
CONCRETE PIPE COLLAR
JUNCTION BOX FOR PIPE CULVERTS

PI-1
PC-1
JB-1

6300
6301
6302

TYPICAL SECTION SHEETS (2)

TYPICAL SECTION - I-55 DUCK HILL SLIDE REPAIR - STA. 791+50 TO STA. 795+40
TYPICAL SECTION - I-55 DUCK HILL SLIDE REPAIR - SHOULDER DETAIL

TS-1
TS-2

5
6

FLARED END SECTION FOR CONCRETE PIPE
DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN
NORMAL UNDERDRAIN TYPE II

FE-1
UD-1
UD-2

6328
6331
6332

CROSS SECTIONS (27)

9001-9027

QUANTITY SHEETS (5)

SUMMARY OF QUANTITIES
SUMMARY OF QUANTITIES

SQ-1
SQ-2

7
8

TOTAL SHEETS: 82

ESTIMATED QUANTITIES - REMOVAL ITEMS & PIPE CULVERTS
ESTIMATED QUANTITIES - JUNCTION BOXES, TRAFFIC CONTROL ITEMS, EARTHWORK, & UNDERDRAINS
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS

EQ-1
EQ-2
EQ-3

9
10
11

PLAN SHEETS (5)

MAIN FACILITY - STA. STA. 791+50 TO STA. 795+40
SITE PLAN - FINAL GRADES
SITE PLAN - FINAL GRADES DETAIL
EXCAVATION PLAN
EXCAVATION PLAN DETAIL

PLAN
SP-1
SP-2
EXC-1
EXC-2

12
13
13.1
14
14.1

SPECIAL DESIGN SHEETS (31)

DETAIL OF CONSTRUCTION SIGNING
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH

DCS-1
TC-1

15
16

DETAIL OF FLAT-BOTTOM DITCH
DETAIL 1 OF 2: PREFABRICATED SHEET DRAIN AND SAND BLANKET
DETAIL 2 OF 2: KEY TRENCH & BENCHING AND BACKFILLING

FB-1
DET-1
DET-2

17
18
19

VEGETATION SCHEDULE
DETAILS OF TYPICAL DITCH TREATMENTS
EROSION CONTROL

VS-1
DT-1
EC-1

20
21
22

TYPICAL TEMPORARY EROSION / SEDIMENT - CONTROL APPLICATIONS
DETAIL OF SEDIMENT BARRIER APPLICATIONS
DETAIL 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 CH

ECD-1
ECD-2
ECD-3
ECD-4
ECD-5

23
24
25
26
27

DETAILS OF EROSION CONTROL WATTLE DITCH CHECK
DETAIL OF EROSION CONTROL SILT DIKE DITCH CHECK
ROCK DITCH CHECK
ROCK FILTER DAM
ROCK DITCH CHECK WITH SUMP EXCAVATION

ECD-6
ECD-7
ECD-8
ECD-9
ECD-10

28
29
30
31
32

INLET PROTECTION TYPICAL APPLICATIONS AND DETAIL
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES AND SAGS
INLET PROTECTION DETAILS OF WATTLES
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE
INLET PROTECTION DETAILS OF SAND BAG

ECD-11
ECD-12
ECD-13
ECD-14
ECD-15

33
34
35
36
37

STABILIZED CONSTRUCTION ENTRANCE
TEMPORARY CULVERT STREAM CROSSING
TEMPORARY STREAM DIVERSION
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)
FLOATING TURBIDITY CURTAIN

ECD-16
ECD-17
ECD-18
ECD-19
ECD-20

38
39
40
41
42

DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
SEDIMENT RETENTION BARRIER
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)

ECD-21
ECD-22
TEC-2

43
44
45

PS & E PLANS-6/8/16		
FMS CON. *107284/301000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
	
PROJ. NO.: NHPP-0055-03(090) COUNTY: MONTGOMERY	
WORKING NUMBER	DI-1
SHEET NUMBER	2
FILENAME:	
DESIGN TEAM	PRATER
CHECKED	
DATE	

6/8/2016 8:36 AM DI-GN55.DGN

STATE	PROJECT NO.
MISS.	NHPP-0055-03(090)

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) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- 3) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- 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) ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED WITH PLASTIC INSERTS AND BITUMINOUS SEALER TO THE SATISFACTION OF THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
- 6) 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.
- 7) 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.
- 8) ANY DAMAGE TO THE EXISTING RUMBLE STRIP/ EDGE STRIPE WILL BE REPLACED AT THE COST OF THE CONTRACTOR.
- 9) 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.
- 10) 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.
- 11) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.

6/8/2016 8:27 AM DI-GN55.DGN

ROADWAY PLAN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
			
		PROJ. NO.: NHPP-0055-03(090) COUNTY: MONTGOMERY	
		WORKING NUMBER	GN-1
		SHEET NUMBER	3
REVISION	BY	DATE	FILENAME: DI-GN55.DGN
			DESIGN TEAM PRATER CHECKED _____ DATE _____