

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY**  
**FEDERAL AID PROJECT NO. IM-0220-03(033)**

I-220 FROM US-49 TO I-55 SPLIT

HINDS COUNTY

FMS CON: 106186-301000

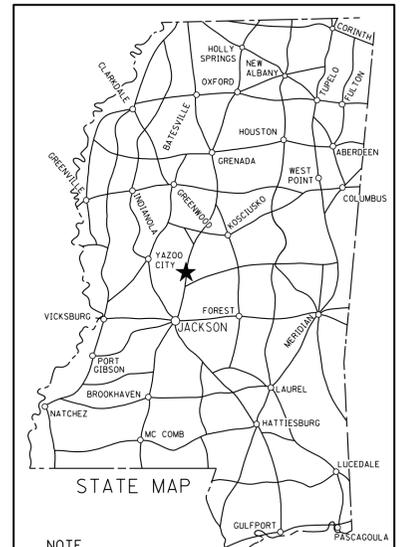
MADISON COUNTY

FMS CON: 106186-302000

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	IM-0220-03(033)	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"/> BRIDGE STANDARD DWGS .....	7001
<input type="checkbox"/> BRIDGE .....	8001
<input type="checkbox"/> CROSS SECTIONS .....	9001

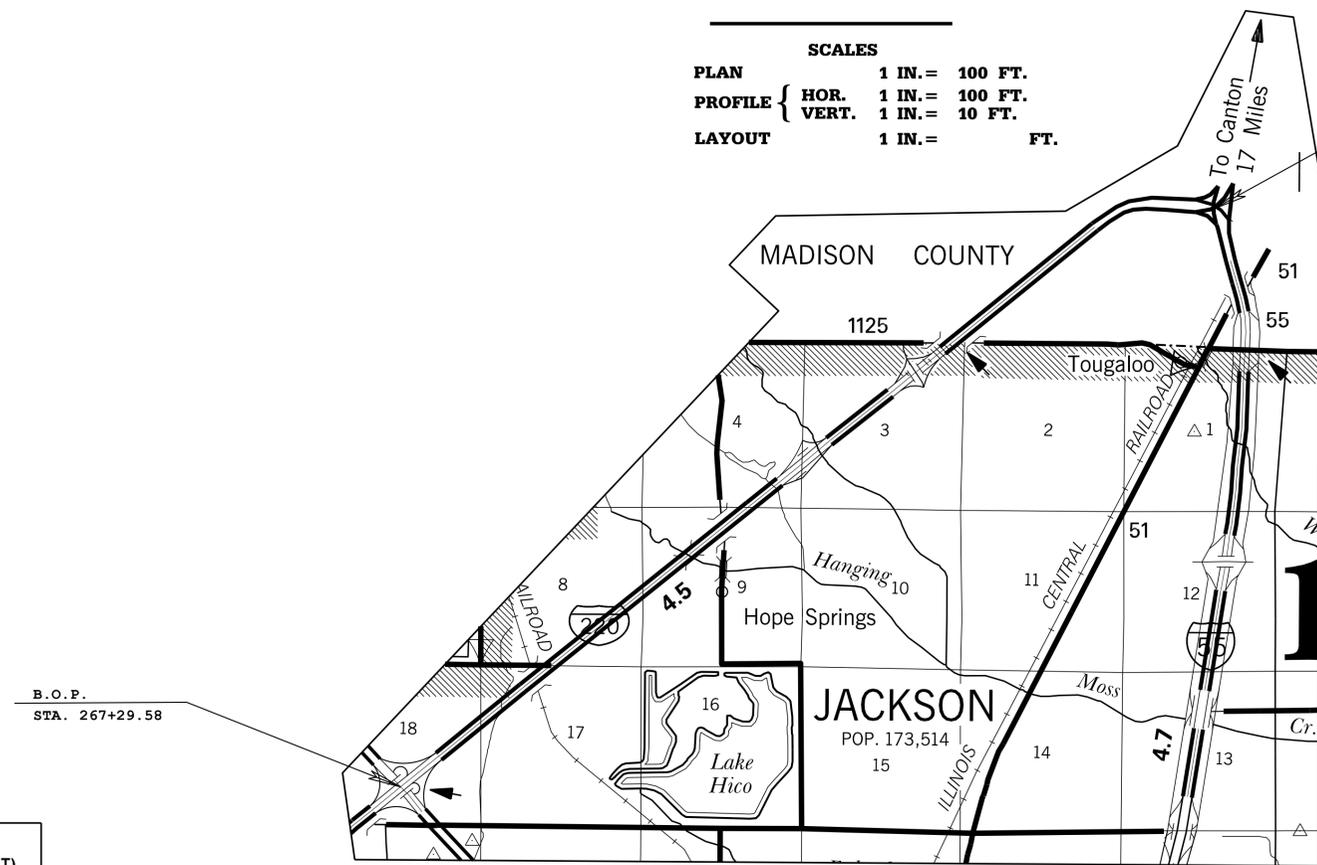


BRIDGE STRUCTURES REQ'D.

SCALES

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

E.O.P. STA. 755+00.00



B.O.P. STA. 267+29.58

BOX BRIDGES REQ'D.

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2014) = 47,000; ADT (2034) = 78,000

DHV = 8,600; D = 55%; T = 8%

PERMITS ACQUIRED BY MDT

WETLANDS AND WATERS PERMITS NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY:

NATIONWIDE #14	<input checked="" type="checkbox"/> WATERS	<input checked="" type="checkbox"/> WETLANDS
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

STORMWATER PERMIT

Y REQUIRED, CNOI SUBMITTED BY MDT (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: \_\_\_\_\_

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD	MS	ZONE (US SURVEY FEET)
HORIZONTAL MONUMENT	NORTH	EAST
B226	1020338.4198	2301718.5924
BOLTON2RM3	1038969.4383	2262956.2369
Y362	1019195.7692	2349582.1683

VERTICAL DATUM: NAVD	(US SURVEY FEET)
VERTICAL MONUMENT	ELEVATION
FORTY NINE RM 1	364.85

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.99993886724
GRID TO GEODETIC AZIMUTH	0° 04' 27.81961

EQUATIONS

<b>LEFT LANE</b>	<b>RIGHT LANE</b>
STA. 278+28.180 BK - STA. 454+45.350 AH= -17,617.170	STA. 278+28.180 BK - STA. 454+45.350 AH= -17,617.170
STA. 562+00.000 BK - STA. 562+05.931 AH= -5.931	STA. 562+00.000 BK - STA. 562+06.216 AH= -6.216
STA. 612+00.000 BK - STA. 612+03.423 AH= -3.423	STA. 612+00.000 BK - STA. 612+03.103 AH= -3.103
STA. 733+00.000 BK - STA. 733+07.611 AH= -7.611	STA. 733+00.000 BK - STA. 733+06.693 AH= -6.693

LENGTH DATA

HINDS COUNTY	MADISON COUNTY
LENGTH OF ROADWAY	20956.72 FT.
LENGTH OF BRIDGES	369.56 FT.
LENGTH OF PROJECT (NET)	21326.28 FT.
LENGTH OF EXCEPTIONS	2023 FT.
LENGTH OF PROJECT (GROSS)	22980.21 FT.

EXCEPTIONS	STATIONING	LENGTH
MADISON FARM ROAD/RR TRACKS	STA. 492+71.35 - STA. 501+86.00	= 94.65
HANGING MOSS CREEK	STA. 564+30.62 - STA. 565+82.95	= 152.33
LIVINGSTON ROAD	STA. 578+19.33 - STA. 580+62.01	= 242.68
BEASLEY ROAD	STA. 588+61.960 - STA. 591+95.680	= 333.72
WATKINS DRIVE	STA. 612+65.45 - STA. 615+38.48	= 273.03
COUNTY LINE ROAD	STA. 675+90.08 - STA. 679+13.78	= 323.70
WHITE OAK CREEK	STA. 735+08.875 - STA. 736+61.125	= 152.25

LENGTH DATA	SUBTOTAL
LENGTH OF ROADWAY	20956.72 FT.
LENGTH OF BRIDGES	369.56 FT.
LENGTH OF PROJECT (NET)	21326.28 FT.
LENGTH OF EXCEPTIONS	2023 FT.
LENGTH OF PROJECT (GROSS)	22980.21 FT.

LENGTH DATA	SUBTOTAL
LENGTH OF ROADWAY	7803.48 FT.
LENGTH OF BRIDGES	369.56 FT.
LENGTH OF PROJECT (NET)	8173.04 FT.
LENGTH OF EXCEPTIONS	369.56 FT.
LENGTH OF PROJECT (GROSS)	8542.60 FT.

TOTAL LENGTH OF PROJECTS (GROSS)	31153.25 FT. 5.90 MI.
DATA LENGTH CALCULATED FROM RIGHT LANE	

P S & E DATE: 01-26-2015

APPROVED:
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR

1/26/2015 07:55:42:20 - TITLE.DGN



