P.E. 104166/101000

1 st O. REV.
1 st O. REV.

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	2
GENERAL NOTES	1
TYPICAL SECTIONS AND REF. SHEETS	5
QUANTITIES	7
LAYOUT SHEETS	14
SPECIAL DESIGN – ROADWAY ITEMS	53 △1
BRIDGE DRAWINGS	0
SPECIAL DESIGN – BRIDGES	0
CROSS-SECTIONS	0
TOTAL SHEETS	128 △1

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-005-002(186)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

CONST. IM-0055-002(186) 104166/301000 HINDS
CONST. IM-0055-002(186) 104166/302000 MADISON

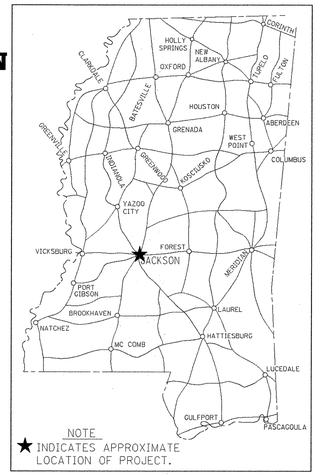
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. IM-0055- 02(186)

8.4 MILES REHABILITATION OF I-55 FROM PEARL STREET TO I-220 INCLUDING FR. RDS.,CONN. RDS, AND STREETS INTERCHANGE LOOPS AND RAMPS HINDS AND MADISON COUNTIES

①2-22-06

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 5280 FT.

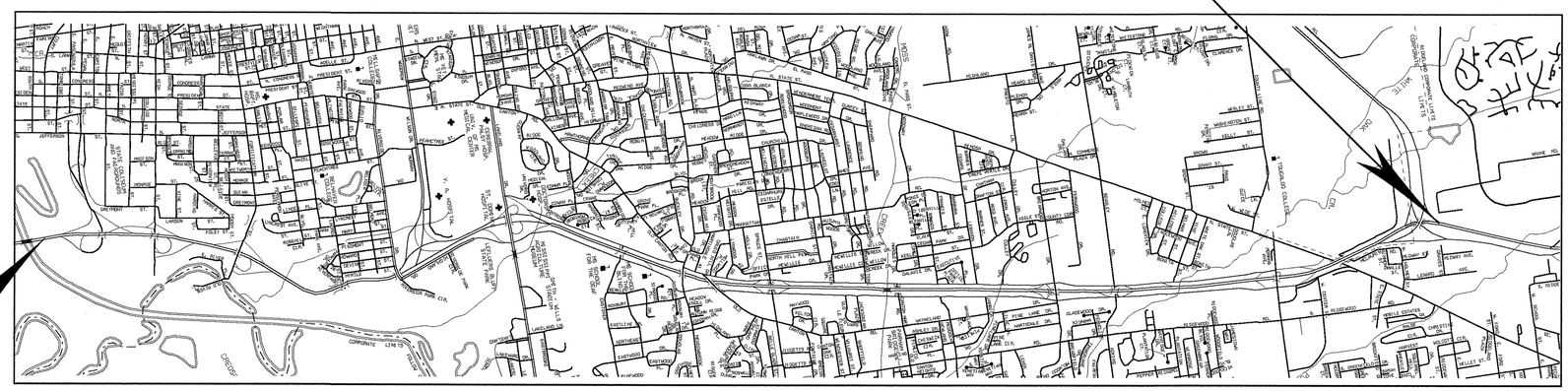


NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

BRIDGE STRUCTURES REQ'D.

STATION 79+00
END OF PROJECT

BOX BRIDGES REQ'D.



STATION 69+65 △2
BEGINNING OF PROJECT

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	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

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

STORMWATER PERMIT S

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES +)(NTB 6484)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 6483)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: DAS DATE: 2/21/06

CONVENTIONAL SYMBOLS

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

EQUATIONS

501+23.153BK.= 49+24.226AH.

EXCEPTIONS

LENGTH DATA (HINDS CO.)

LENGTH OF ROADWAY	36484.46 FT.	6.9099 MI.	LENGTH OF ROADWAY
LENGTH OF BRIDGES	3242.98 FT.	0.6142 MI.	LENGTH OF BRIDGES
LENGTH OF PROJECT (NET)		MI.	LENGTH OF PROJECT (NET)
LENGTH OF EXCEPTIONS	FT.	0.000 MI.	LENGTH OF EXCEPTIONS
LENGTH OF PROJECT (GROSS)		7.5241 MI.	LENGTH OF PROJECT (GROSS)

LENGTH DATA (MADISON CO.)

4609.494 FT.	0.8730 MI.	LENGTH OF ROADWAY
861.99 FT.	0.1633 MI.	LENGTH OF BRIDGES
	MI.	LENGTH OF PROJECT (NET)
FT.	MI.	LENGTH OF EXCEPTIONS
	1.0363 MI.	LENGTH OF PROJECT (GROSS)

120

APPROVED: Danny Lee James
CHIEF ENGINEER — DATE 2-21-06

EXECUTIVE DIRECTOR — DATE 2-21-06

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

DATE	REVISIONS	BY
2/16/06	REVISED S.O.S. STATION	G.M.
2/24/06	REVISED SHEET TOTAL	G.M.

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TITLE.DGN

2/16/2006

1 st O. REV.

STATE	PROJECT NO.
MISS.	IM-0055-002(186)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
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DETAILED INDEX ROADWAY	DI-1	2
DETAILED INDEX ROADWAY	DI-2	3
GENERAL NOTES	GN-1	4
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TYPICAL (PEARL ST. TO WILSON AREA)	TS-1	5
TYPICAL (OVERLAY CONT. REIF. CONC. PAV'T. AREA)	TS-2	6
TYPICAL (COUNTY LINE TO E.O.P)	TS-3	7
TYPICAL (MILLING AT BRIDGE END PAVEMENT)	TS-4	8
TYPICAL (PROPOSED BARRIER AT WOODROW WILSON TO LAKELAND ON I-55)	TS-5	9
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SUMMARY OF QUANTITIES	SQ-2	11
SUMMARY OF QUANTITIES	SQ-3	12
ESTIMATED QUANTITIES-SIGNS AND TRAFFIC CONTROL ITEMS	TCQ-1	13
ESTIMATED QUANTITIES-SIGNS AND TRAFFIC CONTROL ITEMS	TCQ-2	14
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SUMMARY OF ESTIMATED OF PUNCHOUTS	SPO-1	16
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LAYOUT I-55 STA. 120+00 TO STA. 165+00	WK-4	18
LAYOUT I-55 STA. 165+00 TO STA. 248+00	WK-5	19
LAYOUT I-55 STA. 248+00 TO STA. 270+00	WK-6	20
LAYOUT I-55 STA. 270+00 TO STA. 300+00	WK-7	21
LAYOUT I-55 STA. 300+00 TO STA. 330+00	WK-8	22
LAYOUT I-55 STA. 330+00 TO STA. 360+00	WK-9	23
LAYOUT I-55 STA. 360+00 TO STA. 390+00	WK-10	24
LAYOUT I-55 STA. 390+00 TO STA. 415+00	WK-11	25
LAYOUT I-55 STA. 415+00 TO STA. 450+00	WK-12	26
LAYOUT I-55 STA. 450+00 TO STA. 480+00	WK-13	27
LAYOUT I-55 STA. 480+00 TO STA. 490+00	WK-14	28
LAYOUT I-55 STA. 490+00 TO STA. 55+00	WK-15	29
LAYOUT I-55 STA. 55+00 TO STA. 76+00	WK-16	30
1 SPECIAL DESIGN SHEETS (17)		
DETAIL OF CONSTRUCTION SIGNING	DCS-1	31
DETAIL OF CONSTRUCTION SIGNING	DCS-2	32
DETAILS OF RUMBLE STRIPS (GROUND-IN)	RS-1	33
DETAILS OF CONCRETE MEDIAN BARRIER	DCM-1	34
1 DETAILS OF CONCRETE MEDIAN BARRIER (TYPE 4 MOD.)	MB-1	34.1
BARRIER DETAILS (STA.200+00 TO STA.205+00)	BD-1	35
BARRIER DETAILS (STA.205+00 TO STA.211+00)	BD-2	36
BARRIER DETAILS (STA.211+00 TO STA.217+00)	BD-3	37
BARRIER DETAILS (STA.217+00 TO STA.221+50)	BD-4	38
DETAILS OF PUNCHOUT REPAIRS	PR-1C	39
PAVEMENT MARKING DETAILS FOR INTERCHANGE WITH LANE DROPS	PMLD-1	40
LOCATION OF R16-3 SIGNS AND DRUM PLACEMENT	SSD-1	41
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCD-1	42
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GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	45
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FOR REFERENCE INFORMATION ONLYSHEETS (36)		
REF. DATA FOR CONT. REIF. CONC. PAV'T..	REF-1	47
REF. DATA FOR CONT. REIF. CONC. PAV'T.	REF-2	48
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-3	49
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-4	50
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-5	51
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-6	52
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-7	53
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-8	54
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-9	55
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-10	56
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-11	57
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-12	58
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-13	59
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-14	60
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-15	61
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-16	62
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-17	63
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-18	64
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-19	65
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-20	66
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-21	67
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-22	68
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-23	69
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-24	70
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-25	71
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-26	72
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-27	73
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-28	74
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-29	75
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-30	76
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-31	77
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-32	78
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-33	79
REF. DATA FOR OVERLAY OVER CRCP AREA	REF-34	80
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PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL & TAPER) (12-01-99)	PM-3	122
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL & TAPER) (12-01-99)	PM-4	123
PAVEMENT MARKING LEGEND DETAILS	PM-5	124
PAVEMENT MARKING LEGEND DETAILS	PM-6	125
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120

DATE	REVISION	BY
02/24/06	ADDED SHEET	GM 1
03/15/06	REVISED SHEET TITLE	GM 2

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. IM-0055-002(186)
COUNTY : HINDS & MADISON

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: DETAIL INDEX.DGN

DESIGN TEAM MANGUM CHECKED DATE

PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/15/2006 2:55 PM DETAIL INDEX.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	IM-0055-002(186)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
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GUARD RAIL: BRIDGE END SECTION - TYPE E, F & G		GR-2A	185
GUARD RAIL: BRIDGE END SECTION - TYPE D MODIFIED		GR-2B	186
GUARD RAIL: BRIDGE END SECTION - TYPE H (WOOD POSTS)		GR-2C	187
GUARD RAIL: BRIDGE END SECTION - TYPE H (STEEL POSTS)		GR-2D	188
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GUARD RAIL: BRIDGE END SECTION - TYPE "I" (STEEL POSTS)		GR-2G	191
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	(03-01-02)	GR-3A	193
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	(12-01-99)	GR-4	194
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	(12-01-99)	GR-4A	195
GUARD RAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	(03-01-02)	GR-4C	197
GUARD RAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAY	(03-01-02)	GR-4D	198
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INNOVATIVE BARRIER: CONCRETE (CAST-IN-PLACE) TYPE 4 MODIFIED, 42" HEIGHT		MB-3	206
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TYPICAL CROSSOVER DELINEATION	(12-01-99)	SN-8B	235
TYPICAL GUARD RAIL DELINEATION	(03-01-02)	SN-8C	236

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
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TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)		TCP-2	251
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)		TCP-3	252
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)		TCP-4	253
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DISTRICT 5

PS & E PLANS-DATE..2/14/06		
FMS CON. # 104166301000,104166302000		
REVISIONS		
DATE	SHEET NO.	BY
02/22/06	1,2,3,11,12,15,34,34.1,	GM
03/15/06	1,2,4,5,6,7,9.10,11,	
	12,17,31,32,34,35	GM
03/16/06	3,34	GM

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. IM-0055-002(186)
COUNTY : HINDS & MADISON

WORKING NUMBER DI-2

SHEET NUMBER 3

FILENAME: DETAIL INDEX.DGN

DESIGN TEAM MANGUM CHECKED DATE

REVISION | BY | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL_INDEX.DGN

3/16/2006