FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM–0020–01(212)	1

GENERAL INDEX

INCLUDED THIS PROJECT		BEGIN WITH SHEET
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☐	PERMANENT SIGNS	1001
☐	TRAFFIC SIGNALS	2001
☐	ITS COMPONENTS	3001
☐	LIGHTING	4001
☐	(RESERVED)	5001
☒	ROADWAY STANDARD DWGS	6001
☐	BRIDGE STANDARD DWGS	7001
☒	BRIDGE	8001
☒	CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. IM–0020–01(212)

I–20 FROM NATCHEZ TRACE TO SR18

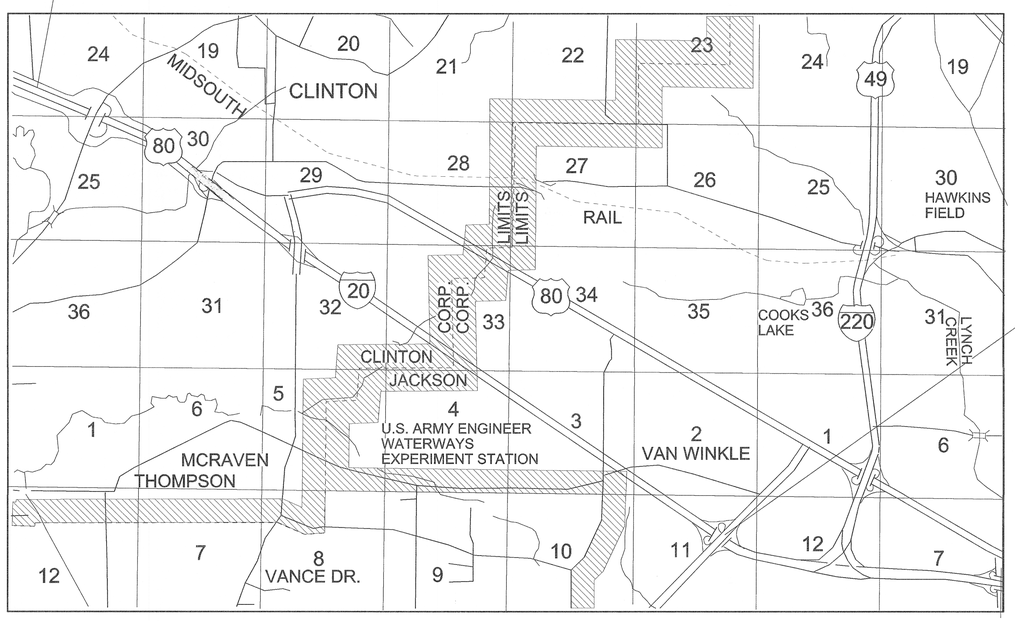
HINDS COUNTY

FMS CON: 106651–301000
FMS CON: 106651–302000
(LANDSCAPING)

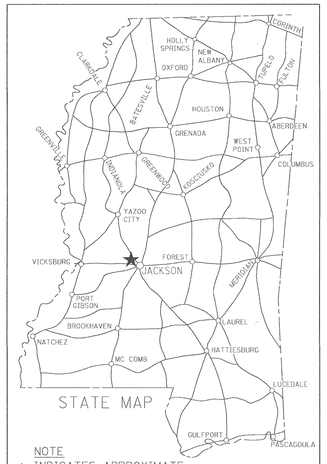
SCALES

PLAN		1 IN. = 50 FT.
PROFILE	HOR.	1 IN. = 50 FT.
	VERT.	1 IN. = 5 FT.
LAYOUT		1 IN. = 3200 FT.

B.O.P. STA 9+85



E.O.P. STA 352+23.49



LAT. 32°19'13"N LONG. 90°18'52"W
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT (2013) = 31000 : ADT (2033) = 41000

DHV = 4100 : D = 55 % T= 30 %

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 5

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: Dot DATE: 2/11/14

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD 83(2007) MS WEST ZONE (US SURVEY FEET)

HORIZONTAL MONUMENT	NORTH	EAST
A363	989608.952	2330385.473
B226	1020338.379	2301718.599
Q363	1022477.190	2307350.590

VERTICAL DATUM: NAVD 88 (US SURVEY FEET)

VERTICAL MONUMENT	ELEVATION
Q363	343.513

ALL ELEVATIONS SHOWN ON THIS DRAWING WERE DERIVED FROM DIGITAL LEVELING.

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.99994025 (CP13)
GRID TO GEODETIC AZIMUTH	+0° 00' 46.78"

EQUATIONS (LT. LN.)

STA. 1142+32.000 BK = STA. 9+85.000 AH (–113,247.000')
STA. 25+68.398 BK = STA. 25+68.519 AH (0.121')
STA. 58+87.720 BK = STA. 58+73.427 AH (–14.293')
STA. 112+03.869 BK = STA. 112+07.997 AH (4.128')
STA. 114+00.000 BK = STA. 114+05.231 AH (5.231')
STA. 162+01.496 BK = STA. 162+06.796 AH (5.300')
STA. 271+53.250 BK = STA. 271+48.130 AH (–5.120')

LENGTH DATA

LENGTH OF ROADWAY	33211.2 FT	6.29	MI.
LENGTH OF BRIDGES	0 FT.	0.00	MI.
LENGTH OF PROJECT (NET)		6.29	MI.
LENGTH OF EXCEPTIONS	0 FT.	0	MI.
LENGTH OF PROJECT (GROSS)		6.29	MI. *

* LENGTH DATA CALCULATED USING WESTBOUND LANES.

REVISIONS: BY / DATE

APPROVED:

CHIEF ENGINEER — DATE 2/11/14

EXECUTIVE DIRECTOR — DATE 2/11/14

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION
2/11/2014 1:14 PM TITLE.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	IM-0020-01(212)

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DETAILED INDEX	DI-2	3
GENERAL NOTES	GN-1	4
GENERAL NOTES	GN-2	5
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TYPICAL SECTION I-20 EASTBOUND & WESTBOUND MILL & OVERLAY	TS-2	7
TYPICAL SECTION SHOUDLER FAILURE REPAIR	TS-3	8
TYPICAL SECTION FAILED JOINTS AND FAILED AREAS	TS-4	9
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I-20 WEST BOUND STATION 22+00.00 - STATION 38+00.00	WK-4LT	29
I-20 EAST BOUND STATION 22+00.00 - STATION 38+00.00	WK-4RT	30
I-20 WEST BOUND STATION 38+00.00 - STATION 54+00.00	WK-5LT	31
I-20 EAST BOUND STATION 38+00.00 - STATION 54+00.00	WK-5RT	32
I-20 WEST BOUND STATION 54+00.00 - STATION 69+00.00	WK-6LT	33
I-20 EAST BOUND STATION 54+00.00 - STATION 70+00.00	WK-6RT	34
I-20 WEST BOUND STATION 69+00.00 - STATION 85+00.00	WK-7LT	35
I-20 EAST BOUND STATION 70+00.00 - STATION 86+00.00	WK-7RT	36
I-20 WEST BOUND STATION 85+00.00 - STATION 101+00.00	WK-8LT	37
I-20 EAST BOUND STATION 86+00.00 - STATION 102+00.00	WK-8RT	38
I-20 WEST BOUND STATION 101+00.00 - STATION 117+00.00	WK-9LT	39
I-20 EAST BOUND STATION 102+00.00 - STATION 117+00.00	WK-9RT	40
I-20 WEST BOUND STATION 117+00.00 - STATION 133+00.00	WK-10LT	41
I-20 EAST BOUND STATION 117+00.00 - STATION 133+00.00	WK-10RT	42
I-20 WEST BOUND STATION 133+00.00 - STATION 149+00.00	WK-11LT	43
I-20 EAST BOUND STATION 133+00.00 - STATION 149+00.00	WK-11RT	44
I-20 WEST BOUND STATION 149+00.00 - STATION 165+00.00	WK-12LT	45
I-20 EAST BOUND STATION 149+00.00 - STATION 165+00.00	WK-12RT	46
I-20 WEST BOUND STATION 165+00.00 - STATION 181+00.00	WK-13LT	47
I-20 EAST BOUND STATION 165+00.00 - STATION 181+00.00	WK-13RT	48
I-20 WEST BOUND STATION 181+00.00 - STATION 197+00.00	WK-14LT	49
I-20 EAST BOUND STATION 181+00.00 - STATION 197+00.00	WK-14RT	50
I-20 WEST BOUND STATION 197+00.00 - STATION 213+00.00	WK-15LT	51
I-20 EAST BOUND STATION 197+00.00 - STATION 213+00.00	WK-15RT	52
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I-20 WEST BOUND STATION 245+00.00 - STATION 261+00.00	WK-18LT	57
I-20 EAST BOUND STATION 245+00.00 - STATION 261+00.00	WK-18RT	58
I-20 WEST BOUND STATION 261+00.00 - STATION 277+00.00	WK-19LT	59
I-20 EAST BOUND STATION 261+00.00 - STATION 276+00.00	WK-19RT	60
I-20 WEST BOUND STATION 277+00.00 - STATION 293+00.00	WK-20LT	61
I-20 EAST BOUND STATION 276+00.00 - STATION 292+00.00	WK-20RT	62
I-20 WEST BOUND STATION 293+00.00 - STATION 309+00.00	WK-21LT	63
I-20 EAST BOUND STATION 292+00.00 - STATION 308+00.00	WK-21RT	64
I-20 WEST BOUND STATION 309+00.00 - STATION 325+00.00	WK-22LT	65
I-20 EAST BOUND STATION 308+00.00 - STATION 324+00.00	WK-22RT	66
I-20 WEST BOUND STATION 2+87.00 - STATION 17+00.00	WK-22A	67
I-20 WEST BOUND STATION 17+00.00 - STATION 25+38.00	WK-22B	68
I-20 WEST BOUND STATION 325+00.00 - STATION 341+00.00	WK-23LT	69
I-20 EAST BOUND STATION 324+00.00 - STATION 340+00.00	WK-23RT	70
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TERRY

PS & E PLANS-DATE 2-25-2014		
FMS CON. # 106651/301000&302000		
REVISIONS		
DATE	SHEET NO.	BY
3-14-2014	2,3,6,12,14-16,20,23	NT
	35-38,49,50,61-66	
	72,108,154,161,169,	
	6168	

DATE	REVISION	BY
3-14-2014	REVISED SHEET TOTAL	NT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. IM-0020-01(212)
COUNTY : HINDS

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: INDEX.DGN

DESIGN TEAM TERRY CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/20/2014 14:59:35 INDEX.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	IM-0020-01(212)

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△1 CROSS SECTIONS (10)		9001-9010
△1 TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) (205)		

DATE	REVISION	BY
3-14-2014	REVISED INDEX TEXT	NT
3-14-2014	ADDED SHEET	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. IM-0020-01(212)
COUNTY: HINDS

FILENAME: INDEX.DGN
DESIGN TEAM TERRY CHECKED DATE

WORKING NUMBER DI-2
SHEET NUMBER 3

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/20/2014 1:51:08:43 INDEX.DGN

STATE	PROJECT NO.
MISS.	IM-0020-01(212)

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 PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.

③ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).

④ 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.

⑤ 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.

⑥ TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

⑦ VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

⑧ POTHOLES WHICH EXIST OR WHICH MAY OCCUR IN THE EXISTING PAVEMENT STRUCTURE ARE TO BE PATCHED IN A TIMELY MANNER AND PRIOR TO PAVING OPERATIONS. NO SEPERATE PAYMENT WILL BE MAADE FOR PATCHING POTHOLES.

⑨ 20% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

⑩ 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.

⑪ WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDER AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

GENERAL NOTES

⑫ SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.

⑬ WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)

⑭ REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.

⑮ 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 U. S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.

⑯ THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.

⑰ SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.

⑱ 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.

⑲ PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED, IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES
				REVISION	PROJECT NO. IM-0020-01(212) COUNTY: HINDS
				DATE	FILENAME: GN.DGN DESIGN TEAM TERRY CHECKED DATE

WORKING NUMBER GN-1

SHEET NUMBER 4

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/25/2014 8:24 AM GN.DGN

STATE	PROJECT NO.
MISS.	IM-0020-01(212)

GENERAL NOTES

20 CLEARING AND GRUBBING WILL BE REQUIRED ON THE PROJECT. THE LIMITS OF THE CLEARING WILL CONFORM TO THE DRAWINGS AND GUIDELINES SET FORTH IN THE PLANS. PROPER EROSION CONTROL MEASURES SHALL BE TAKEN TO PREVENT SILTATION OF EXISTING STRUCTURES AND LOSS OF MATERIALS FROM THE RIGHT-OF-WAY. (SEE SECTION 107.22.2) BURNING OF WASTE VEGETATION, DEBRIS, ETC. RESULTING FROM THE CLEARING OPERATIONS WILL NOT BE ALLOWED ON THE INTERSTATE RIGHT-OF-WAY. BURNING ON ADJACENT PRIVATE PROPERTY THAT MIGHT RESULT IN A TRAFFIC HAZARD WILL LIKEWISE NOT BE PERMITTED. ALL DEAD OR DYING TREES WITHIN THE ROW LIMITS (STANDING OR FALLING) SHALL BE CUT AS DIRECTED BY THE ENGINEER THROUGHOUT THE LIFE OF THE PROJECT UNTIL THE FINAL MAINTENANCE RELEASE IS ISSUED. PRICE FOR CUTTING AND/OR REMOVAL OF DEAD OR DYING TREES IS TO BE INCLUDED IN OTHER ITEMS BID.

21 EXISTING OR TEMPORARY PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE (ABSORBED ITEM).

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/25/2014 08:41:13 GN.DGN

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
GENERAL NOTES

PROJECT NO. IM-0020-01(212)
COUNTY: HINDS

FILENAME: GN.DGN
DESIGN TEAM TERRY CHECKED DATE

WORKING NUMBER
GN-2

SHEET NUMBER
5