

1st O. REV. GENERAL INDEX

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<b>TOTAL SHEETS</b>	<b>63</b>

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED FEDERAL-AID PROJECT NO. IM-0020-01(178)

MILLING AND OVERLAYING INTERSTATE 20  
FROM I-20 GREENFIELD ROAD TO BRANDON EXIT 56  
IN RANKIN COUNTY

104515/301000

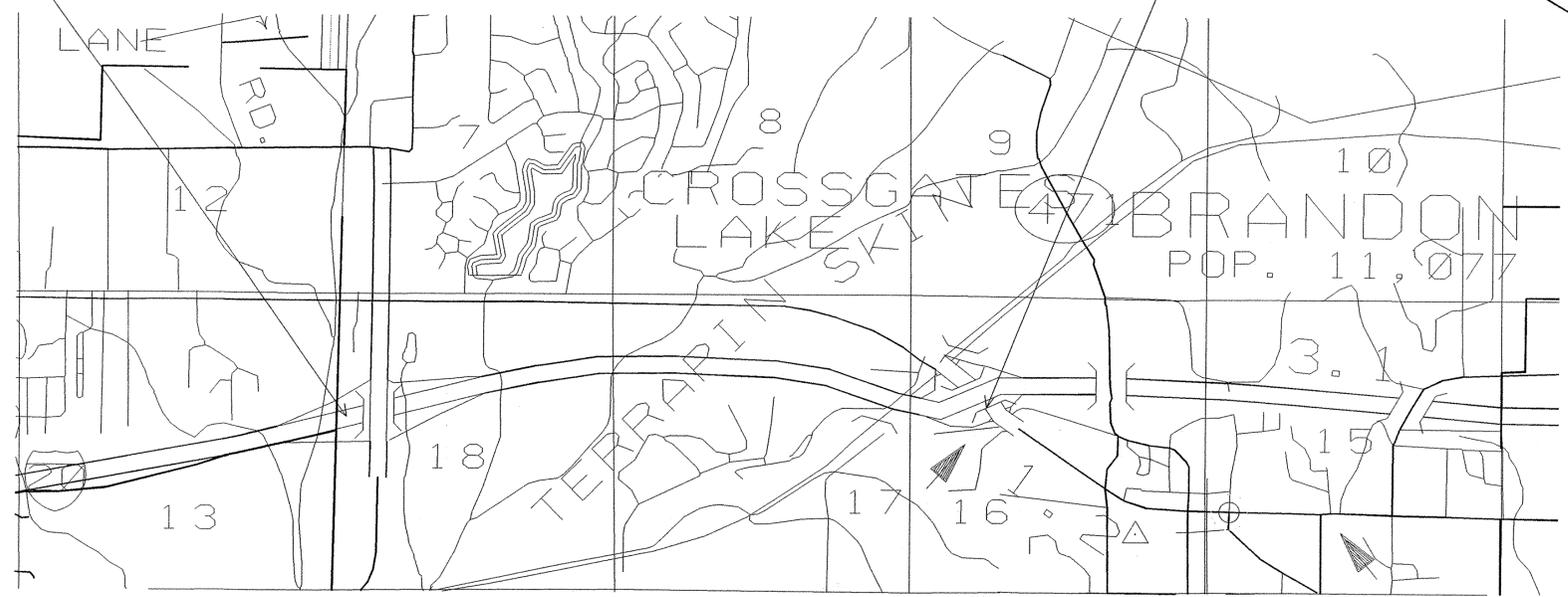


SCALES

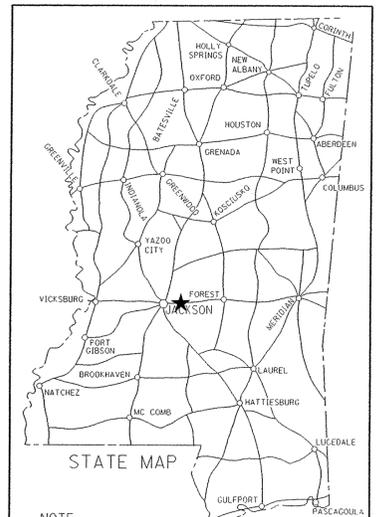
LAYOUT 1 IN. = 1600 FT.

BOP 540+00 RT LANE  
540+00 LT LANE

EOP 653+62.36 RT LANE  
653+10.76 LT LANE



FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
	MISS.	IM-0020-01(178)	1



NOTE  
★ INDICATES APPROXIMATE LOCATION OF PROJECT.  
LAT. 32° 16' 48" LONG. 90° 01' 09"  
(APPROX. MIDDLE OF PROJECT)

**DESIGN CONTROL**

70 MPH = V (SPEED DESIGN)

ADT (2000) = 44,000 ; ADT (2020) = 65,000

DHV = 5,900 ; D = 55% ; T = 24%

**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

Y REQUIRED (CNMI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 6484))

S REQUIRED (SCM1 TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 6483))

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: *DGS* DATE: 2/13/06

02-13-06

ROADWAY DESIGN DIVISION, MISSISSIPPI DEPARTMENT OF TRANSPORTATION

CONVENTIONAL SYMBOLS

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

EXCEPTIONS  
NONE

LENGTH DATA

LENGTH OF ROADWAY	FT.	2,261	MI.
LENGTH OF BRIDGES	FT.	0.000	MI.
LENGTH OF PROJECT (NET)		2,261	MI.
LENGTH OF EXCEPTIONS	FT.	0.000	MI.
LENGTH OF PROJECT (GROSS)		2,261	MI.

NO.	DATE	ADDED LAT. & LONG. COORD.	BY

APPROVED: *Hamy Lee James* 2-13-06  
CHIEF ENGINEER DATE

APPROVED: *Samuel R. Brown* 2-13-06  
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
DIVISION ADMINISTRATOR

FEDERAL HIGHWAY ADMINISTRATION  
DEPARTMENT OF TRANSPORTATION

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PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

9/12/2006 DETAILED INDEX.DGN

District 5  
FMS# 104515/301000  
PS & E PLANS-DATED:12-06

REVISIONS			
DATE	SHEET NO.	BY	
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. IM-0020-01(178) 104515/301000 COUNTY: RANKIN	
WORKING NUMBER <b>DI-1</b>	SHEET NUMBER <b>2</b>
DATE	FILENAME: _____
DESIGN TEAM	CHECKED _____ DATE _____

GENERAL NOTES

1. All permanent striping will be thermoplastic except on concrete surfaces (bridges, bridge approach slabs, etc.). All permanent striping on concrete surfaces will be high performance cold plastic. Removal of existing stripewill be required prior to placement, payment for which will be covered under the appropriate pay item. Edge lines will be placed to maintain the original lane widths. Raised pavement markers shall be installed as per standards.			
2. Temporary traffic stripe will be required immediately after milling and/or overlay operations and prior to opening the area to traffic. Temporary stripe on the final riding surface shall be placed in the same location and layout as the permanent stripe. Temporary pavement markers will be required during construction and shall be removed prior to placement of permanent markers.			
3. The Contractor shall erect and maintain construction signing and provide all signs and traffic control devices necessary to safely maintain traffic around and through the work areas in accordance with the standard drawings and the MUTCD. The cost of traffic control devices is to be included in the price bid for Pay Item 618-A, Maintenance of Traffic. Fluorescent orange sheeting shall be used on all construction and traffic control signs except those designated in the plans to be black legend and border on white background. Traffic control signs and devices shall be kept clean and in satisfactory condition throughout the life of the project.			
4. Grassing will be required at all disturbed areas as directed and shall be performed at the earliest time to minimize the potential for erosion. The cost of grassing items shall be included in other items bid.			
5. The damaged bridge end connections shall be repaired at the locations listed in the plans. The reinforcement shall be placed in the locations as shown on the included bridge drawings.			
6. It shall be the responsibility of the Contractor to protect existing structures such as pipes, inlets, aprons, paved ditches, bridges, fences, etc. from damage which might occur during construction. The Contractor shall replace or repair any structures damaged during the life of the Contract. No payment will be made for replacement or repair of damaged items.			
7. Any signs that are in conflict with construction shall be removed and relocated by the Contractor as directed by the Engineer, the cost of which is to be included in other items bid.			
8. Incidental work, such as removing vegetation, shaping and compacting shoulders, removing and resetting signs, removing excess asphalt material, project clean-up, and other items, necessary to complete the project will not be measured for separate payment and will be considered included in the prices of other items bid.			
9. Voids created by the removal of posts, concrete anchors, footings, etc. shall be backfilled and compacted in accordance with Section 203 of the Mississippi Standard Specifications for Road and Bridge Construction. The cost of this work should included in other items bid.			

GENERAL NOTES

10. 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.			
11. Litter shall be removed from the project right-of-way and properly disposed of by the Contractor at least monthly during the life of the project. Litter shall include, but not be limited to, solid wastes such as glass, paper products, tires, wood products, metal, synthetic materials, and other miscellaneous debris. In addition to monthly litter removal, the Contractor shall on a daily basis remove all debris from within the roadway and a 30-foot clear-zone which, in the opinion of the Engineer, is a hazard to the traveling public. No direct payment will be made for the litter and/or debris removal; the cost is to be included in the other items bid. Failure of the Contractor to remove litter and/or debris as prescribed herein shall be just cause for withholding the monthly progress estimate payment until the work is satisfactorily removed by the Contractor.			
12. All existing guardrail and guardrail terminal end sections shall be replaced throughout the project.			
13. Paving in the milled areas shall begin immediately behind the milling operation. All milled areas shall be overlaid the same day as milled. Traffic will not be allowed to run on a milled surface.			
14. Overnight lane closures will not be allowed except for areas requiring punchout repair.			
15. Wire backing is required on all silt fence			
16. The included Plan/Profile sheets are attached for information only unless work required is shown in the plan and profile views.			
17. Asphalt is to be extended under the guardrail and two (2) feet behind the face of the guardrail which is placed at bridge ends or at other locations as directed by the engineer. Prior to placement of asphalt, necessary removal of the existing shoulder material shall be performed, and costs associated with this removal shall be included in the price of other items bid.			
18. All ditch plugs & authorized crossovers will be brought to current safety standards. The slopes will be flattened to a 10:1 slope which may require extending some median pipes, and removal and replacement of some paved ditch, aprons and inlets. Payment will be made using the appropriate pay items.			

PLAN  
ROADWAY DESIGN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		PROJECT NO.: IM-0020-01(178) 104515301000	WORKING NUMBER
		COUNTY : RANKIN	GN-1
		FILENAME: GN-1.dgn	SHEET NUMBER
		DESIGN TEAM _____ CHECKED _____ DATE _____	3