

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-0055-02(195)N IM-0020-01(185)N	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT NO. IM-0055-02(195)N & IM-0020-01(185)N

FMS CONST. 104153301000
FMS CONST. 104153302000

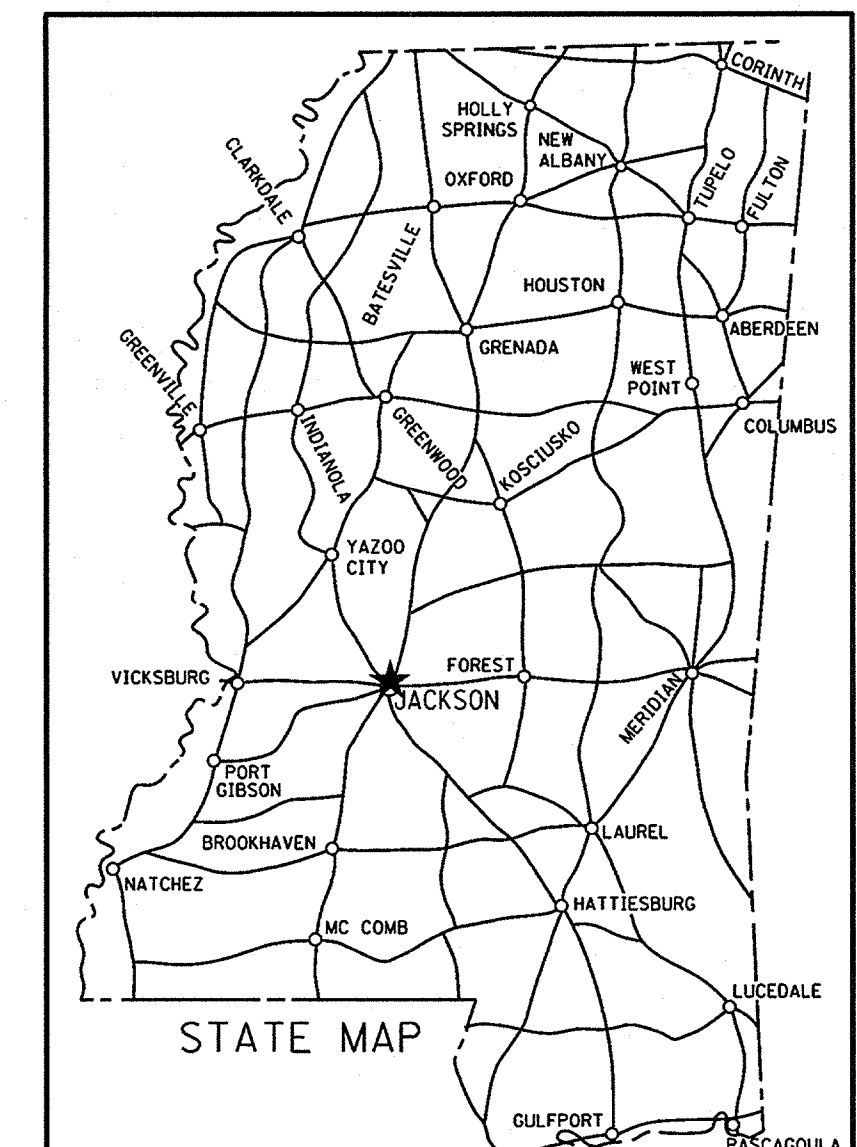
IM-0020-01(185)N
B.O.P.
STA. 457 + 41.16

INTERSTATE 55 FROM MCDOWELL ROAD INTERCHANGE TO I-20
I-20 FROM GIBRALTAR STREET TO THE RANKIN COUNTY LINE
HINDS COUNTY

IM-0020-01(185)N
E.O.P.
STA. 560 + 18

①08-25-08

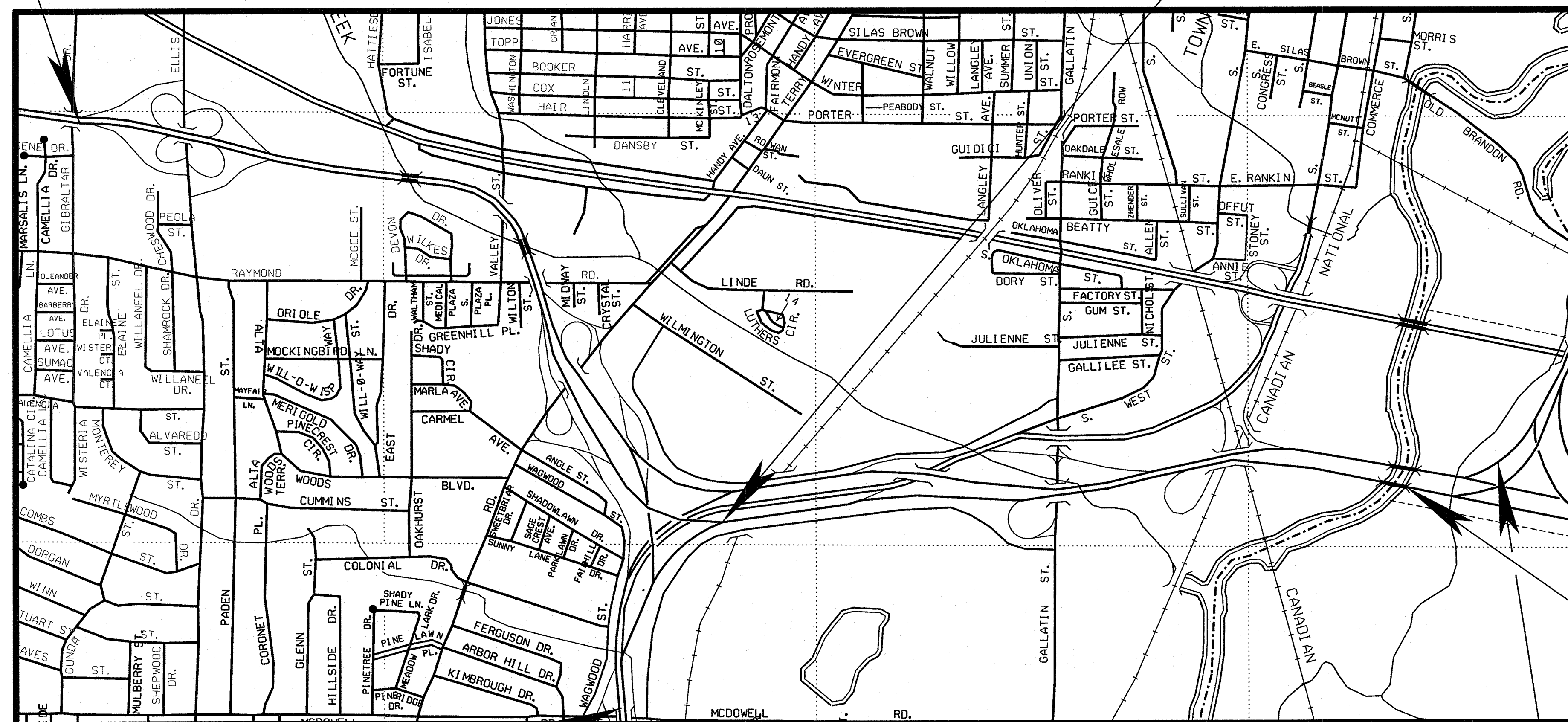
SCALES
PLAN 1 IN. = 100 FT.
PROFILE { HOR. 1 IN. = 100 FT.
VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 4000 FT.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.
LAT. 32°16'21.54"N LONG. 90°11'33.36"W
(APPROX. MIDDLE OF PROJECT)

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE



IM-0020-01(185)N

DESIGN CONTROL
60 MPH = V (SPEED DESIGN)
ADT (2008) = 91000 ; ADT (2028) = 135000
DHV = 14000; D = 55% T = 15%

IM-0055-02(195)N

DESIGN CONTROL
70 MPH = V (SPEED DESIGN)
ADT (2008) = 72000 ; ADT (2028) = 101000
DHV = 10000; D = 55% T = 17%

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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, SCNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + (INTB 6484))

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

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: *DAS* DATE: 8/22/08

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>

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APPROVED BY: *DAS* DATE: 8/22/08

IM-0055-02(195)N
E.O.P.
STA. 635 + 08.875 (EB.)

E.O.P.
STA. 655 + 00 (RAMP A)

CONVENTIONAL SYMBOLS

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

IM-0055-02(195)N
E.O.P.
STA. 532 + 70.70

EQUATIONS
NONE

EXCEPTIONS
NONE

IM-0020-01(185)N
LENGTH DATA

IM-0055-02(195)N PROJECT TOTAL
LENGTH DATA

LENGTH DATA	FT.	MI.	LENGTH DATA	FT.	MI.	LENGTH DATA	FT.	MI.
LENGTH OF ROADWAY								
LENGTH OF BRIDGES								
LENGTH OF PROJECT (NET)								
LENGTH OF EXCEPTIONS	7482.32 FT.	1.4171 MI.						
LENGTH OF PROJECT (GROSS)		1.4171 MI.	8366.35 FT.	1.5845 MI.	15848.67 FT.	3.0016 MI.	3.0016 MI.	

APPROVED:	<i>Michael M. Smith</i>	8/22/08
CHIEF ENGINEER		DATE
APPROVED:	<i>James R. Brown</i>	8/22/08
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

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DISTRICT 5		
PS & E PLANS-DATE 8/22/2008		
FMS CON. # 104153/301000/302000		
REVISIONS		
DATE	SHEET NO.	BY
9/4/08	1,6,12,15,16,17,20-24	GM
9/9/08	5,16,17	GM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. IM-0055-02(195)N	
PROJECT NO. IM-0020-01(185)N	
COUNTY : HINDS	
FILENAME: <u>DETAIL INDEX.DGN</u>	WORKING NUMBER DI-1
DESIGN TEAM: <u>MANGUM</u> CHECKED: <u> </u> DATE: <u> </u>	SHEET NUMBER 2

PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION
9/9/2008 11:29:19
DETAILED INDEX.DGN

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

STANDARD DRAWINGS - ROADWAY SHEETS (CONT.)

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. IM-0055-02(195)N PROJECT NO. IM-0020-01(185)N COUNTY : HINDS	
WORKING NUMBER DI-2	
FILENAME: _____ DETAIL INDEX.DGN	SHEET NUMBER 3
DESIGN TEAM MANGUM	CHECKED _____ DATE _____

GENERAL NOTES

STATE	PROJECT NO.
MISS.	M-0055-02(195)N M-0020-01(185)N

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHOULD BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. 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.
2. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION. MDOT FORCE NUMBER FOR LIGHTING LINE IS MDOT PROJECT OFFICE (601)354-6358 MDOT FORCE NUMBER FOR FIBER OPTIC LINE IS PROJECT ENGINEER
3. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE (NOT A SEPARATE PAY ITEM).
4. TRAFFIC WILL NOT BE ALLOWED ON MILLED SURFACE AT ANYTIME
5. MILLING OPERATIONS SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE MDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. 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 REMOVAL OF THE EXISTING SHOULDER MATERIAL SHALL BE PERFORMED AND COST ASSOCIATED WITH THIS REMOVAL SHALL BE INCLUDED IN THE PRICE OF OTHER ITEMS BID.
7. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
9. ALL TEMPORARY TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
10. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM), EXCEPT WHERE SHOWN ON THE TRAFFIC CONTROL PLANS.
11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE 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.
12. WIRE BACKING WILL BE REQUIRED ON ALL SILT FENCES FOR DETAILS SEE WK. SHT. NO. TEC-1.
13. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
14. REMOVAL OF RAISED PAVEMENT MARKERS & FLEXIBLE DELINEATOR POST IS NOT CONSIDERED A SEPARATE PAY ITEM.
15. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 TO 100 L.F. OF DITCH, 8 BALES PER INLET AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS)
16. 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 ACCORDANCES WITH TRAFFIC CONTROL PLAN AND THE MUTCD. THE COST IS TO BE INCLUDED IN THE PRICE BID FOR PAY ITEM NO. 618-A, MAINTENANCE OF TRAFFIC
- △ 17. GUARD RAIL TO BE REMOVED SHALL BE STOCKPILED AS DIRECTED BY THE ENGINEER FOR PICKUP BY STATE FORCES.
- △ 18. 8000 TONS OF MILLING SHALL BE STOCKPILED ON HWY. 51 NORTH OF GALLATIN STREET AT EXISTING STOCKPILE SITE
19. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO NOT DISTURB OR DAMAGE ANY MANHOLE ACCESS POINTS WATER VALVES DRAINAGE STRUCTURES OR ANY OTHER OBJECT DESIGNATED BY THE ENGINEER THAT EXISTS IN THE ROADWAY. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND /OR REPLACEMENT OF ANY OF THE ITEMS LISTED ABOVE.
20. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
21. ALL FRONTAGE ROADS, LOCAL ROADS, RAMPS AND LOOPS ETC WILL BE PAVED TO THE END OF STATE MAINTENANCE OR AS DIRECTED.
22. EXISTING OR TEMPORARY PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE.(ABSORBED ITEM)
23. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
24. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
25. GRASSING WILL BE REQUIRED AT ALL DISTURBED AREAS AS DIRECTED AND SHALL COMMENCED PRIOR TO CLEARING IN OTHER LOCATIONS
26. NO BURNING WILL BE ALLOWED. ALL BRUSH, TREES ETC. WILL BE REMOVED FROM THE JOBSITE. ALL STUMPS SHALL BE REMOVED PRIOR TO GRASSING.
27. ANY MATERIAL EXCAVATED FROM THE EXISTING SHOULDER SHALL BE USED TO RAISE THE EXISTING SHOULDER TO MATCH THE NEW PAVEMENT ELEVATION AND ANY SURPLUS MATERIAL SHALL BE SPREAD ALONG THE EDGE OF THE SHOULDERS FORESLOPES OR OTHER ADJACENT AREAS AS DIRECTED BY THE ENGINEER AND WILL BE AN ABSORBED ITEM.
28. EXISTING INLETS AND BOX CULVERT, PAVED DITCHES PAVED FLUMES CURB CUT DRAINAGE DITCHES SHALL BE CLEANED OF DEBRIS PRIOR TO THE PAVING OPERATION TO ALLOW ADEQUATE DRAINAGE. NO SEPARATE PAYMENT WILL BE MADE FOR CLEANING OR DISPOSAL OF THE EXCAVATED MATERIAL.
29. POTHOLES THAT MAY EXIST OR OCCUR IN THE EXISTING PAVEMENT ARE TO BE PATCHED IN A TIMELY MANNER AND PRIOR TO THE BEGINNING THE ASPHALT OVERLAY. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN OTHER ITEMS BIDS.
30. TEMPORARY STRIPE EITHER PAINT OR TAPE SHALL BE REQUIRED IMMEDIATELY AFTER OVERLAYING AND PRIOR TO OPENING AREA TO TRAFFIC. TEMPORARY STRIPE IS TO BE PLACED IN THE SAME LOCATION AND LAYOUT AS PERMANENT STRIPE.(AS DIRECTED BY THE ENGINEER)
31. FAILED AREAS ON THE EXISTING ROADWAY IN THE EXISTING HMA OVERLAY SHALL BE REMOVED AND BACKFILLED WITH HOT MIX ASPHALT, HT (19mm) AS DIRECTED BY THE ENGINEER.
32. ON ALL OVERLAY CONSTRUCTION PROJECTS THE SPEED LIMIT SIGNS SHALL BE 10 MPH LESS THAN THE ORIGINAL POSTED SPEED LIMITS (SEE WORKING NUMBER SDTCP-3 AND 4 FOR DETAILS)

ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

9/2/2008 15:26:40 GENERAL NOTES.DGN

△		GM		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
CHANGE NOTE		REVISION				GENERAL NOTES	
						PROJECT NO: IM-0055-02(195)N	
						PROJECT NO: IM-0020-01(185)N	
						COUNTY: HINDS	
						WORKING NUMBER	
						GN-1	
						SHEET NUMBER	
						4	
9/4/08		DATE		FILENAME: GN.DGN			
				DESIGN TEAM MANGUM		CHECKED DATE	

GENERAL NOTES

STATE	PROJECT NO.
MISS.	M-0055-02(195)N M-0020-01(185)N

35. LOW SHOULDERS WILL BE BROUGHT TO GRADE WITH CLASS 5, GROUP C GRANULAR MATERIAL AS DIRECTED. EXISTING LOW SHOULDERS WILL BE BROUGHT TO GRADE AS NECESSARY TO MAINTAIN A MAXIMUM PAVEMENT TO SHOULDER DIFFERENTIAL OF TWO (2) INCHES. THE MATERIAL SHALL BE BLADED, ROLLED AND COMPACTED TO A FINISHED SLOPE MEETING THE REQUIREMENTS OF THE DRAWINGS IN PLANS. SHOULDERS WITH ADEQUATE SHOULDER MATERIAL IN PLACE SHALL BE BLADED TO A SLOPE MEETING THE REQUIREMENTS OF THE DRAWINGS IN PLANS. THE BLADED MATERIAL SHALL BE NEATLY BLENDED WITH THE EXISTING SLOPE OR REMOVED. NO SEPARATE MEASUREMENT FOR BLADING OR REMOVING THE SHOULDER MATERIAL WILL BE MADE, THE COST IS TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS WORK.
36. SOME GUARD RAILS ARE TO BE PLACED USING 8 FEET STEEL POSTS. SEE PLANS FOR LOCATIONS.
37. LANE CLOSURES SHALL CONFORM AS DEFINED IN THE APPLICABLE NOTICE TO BIDDERS.
38. ALL GUARD RAIL REMOVED SHALL BE REPLACED ON THE SAME DAY AND PRIOR TO THE REOPENING OF THE LANE TO TRAFFIC.
39. THE SHOULDER LOCATION AT EACH SITE SHALL BE BLADED TO PROVIDE THE APPROPRIATE SLOPE BENEATH THE RAIL. THIS WORK IS INDEPENDENT OF THE AMOUNT OF WORK DONE AT THE SITE. THE COST OF BLADING WILL BE AN ABSORBED ITEM AND SHOULD BE INCLUDED IN THE PRICE FOR OTHER ITEMS BID.
40. IT IS THE INTENT TO MAINTAIN THE CURRENT TAPER RATE AND LENGTH OF THE EXISTING GUARD RAIL UNLESS OTHERWISE STATED OR DIRECTED BY THE ENGINEER. NON FLARED TERMINAL END SECTIONS ARE TO BE USED EXCEPT WHERE NOTED.
41. ALL TYPE "I" BRIDGE END SECTIONS SHALL UNCLUE THE RUB RAIL UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
41. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE (ABSORBED ITEM)

ROADWAY PLAN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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						MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
						GENERAL NOTES	
						PROJECT NO: IM-0055-02(195)N	
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						COUNTY: HINDS	
						WORKING NUMBER	GN-2
						SHEET NUMBER	
						5	
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