

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

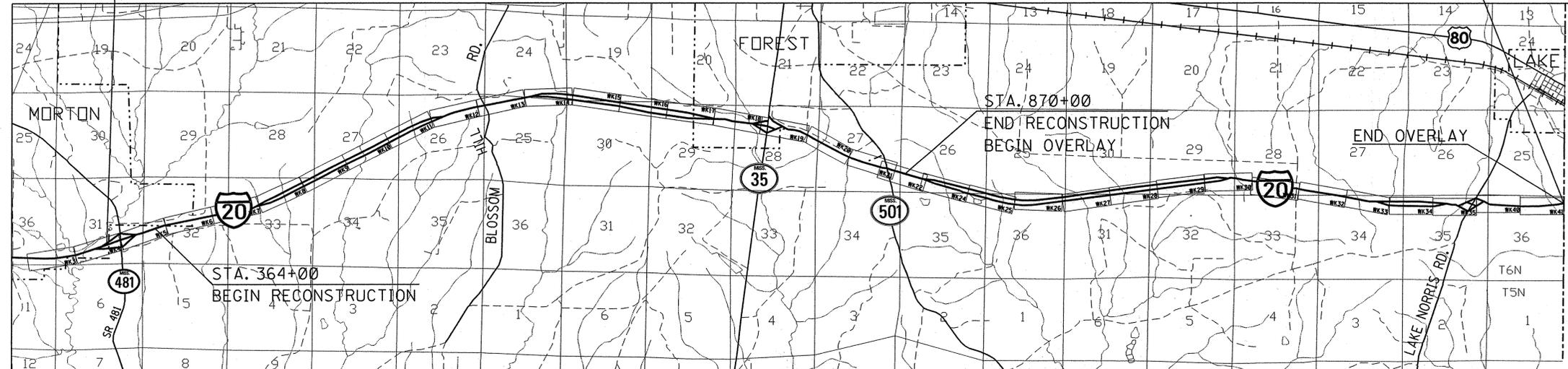
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. IM-0020-02(080)
I-20 FROM SR 481 TO NEWTON CO. LINE
SCOTT COUNTY

FMS: 105870/101000 PE
105870/301000 CONST

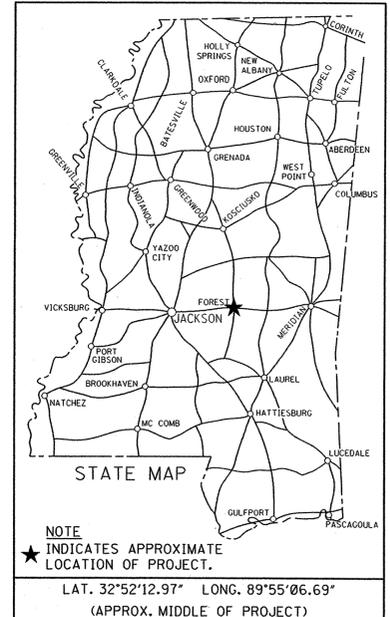
B.O.P.
STA. 332+00

SCALES
PLAN 1 IN. = 100 FT.
PROFILE { HOR. 1 IN. = 100 FT.
VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 2500 FT.

E.O.P.
STA. 1283+83.63 LT. LN.
STA. 1283+93.50 RT. LN.
(NEWTON CO. LINE)



FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-0020-02(080)	1



DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2010) = 26,000 : ADT (2030) = 46,000

DHV = 4,600 : D = 55 % T = 35 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
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 CNOI SUBMITTED BY MDOT (DISTRIBUTED 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: *[Signature]* DATE: 8/16/10

EQUATIONS

① STA. 369+61.930 RT. BK = STA. 369+64.690 RT. AHD.	⑦ STA. 587+94.000 RT. BK = STA. 588+00.000 RT. AHD.	⑬ STA. 759+93.691 RT. BK = STA. 760+00.000 RT. AHD.	⑰ STA. 897+39.08 RT. BK = STA. 897+38.08 RT. AHD.	⑳ STA. 1089+11.56 RT. BK = STA. 1089+24.15 RT. AHD.
② STA. 447+55.024 LT. BK = STA. 448+00.635 LT. AHD.	⑧ STA. 627+93.557 RT. BK = STA. 628+01.526 RT. AHD.	⑭ STA. 804+92.961 LT. BK = STA. 804+76.588 LT. AHD.	㉑ STA. 955+01.33 RT. BK = STA. 954+59.20 RT. AHD.	㉒ STA. 1174+81.69 LT. BK = STA. 1174+98.03 LT. AHD.
③ STA. 448+15.159 RT. BK = STA. 448+00.635 RT. AHD.	⑨ STA. 633+67.692 LT. BK = STA. 633+10.456 LT. AHD.	⑮ STA. 804+51.005 RT. BK = STA. 804+76.588 RT. AHD.	㉒ STA. 954+87.26 LT. BK = STA. 955+68.69 LT. AHD.	㉓ STA. 1178+78.67 RT. BK = STA. 1178+64.21 RT. AHD.
④ STA. 577+53.584 RT. BK = STA. 577+90.950 RT. AHD.	⑩ STA. 711+59.576 LT. BK = STA. 722+77.550 LT. AHD.	⑯ STA. 843+38.737 LT. BK = STA. 843+44.348 LT. AHD.	㉓ STA. 1061+92.81 LT. BK = STA. 1061+94.85 LT. AHD.	㉔ STA. 1210+95.03 LT. BK = STA. 1210+93.41 LT. AHD.
⑤ STA. 578+17.425 LT. BK = STA. 577+90.950 LT. AHD.	⑪ STA. 711+64.345 RT. BK = STA. 722+77.550 RT. AHD.	⑰ STA. 843+63.921 RT. BK = STA. 843+44.348 RT. AHD.	㉔ STA. 1063+58.01 RT. BK = STA. 1063+61.69 RT. AHD.	㉕ STA. 1280+59.15 RT. BK = STA. 1280+36.85 RT. AHD.
⑥ STA. 587+94.000 LT. BK = STA. 588+00.000 LT. AHD.	⑫ STA. 759+97.473 LT. BK = STA. 760+00.000 LT. AHD.	⑱ STA. 891+34.61 LT. BK = STA. 891+31.61 LT. AHD.	㉕ STA. 1084+31.55 LT. BK = STA. 1083+82.03 LT. AHD.	

LENGTH DATA (ALONG RT. LN.)

LENGTH OF ROADWAY	94,092 FT.	17.8205 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		17.8205 MI.
LENGTH OF EXCEPTIONS		
LENGTH OF PROJECT (GROSS)	94,092 FT.	17.8205 MI.

CONVENTIONAL SYMBOLS

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

APPROVED: *[Signature]* 8/16/10
CHIEF ENGINEER DATE

APPROVED: *[Signature]* 8/16/10
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: _____ DATE _____
DIVISION ADMINISTRATOR

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

1 st O. REV.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)			
DETAILED INDEX AND GENERAL NOTES SHEETS (5)			
DETAILED INDEX - ROADWAY		DI-1	2
DETAILED INDEX - ROADWAY		DI-2	3
DETAILED INDEX - ROADWAY		DI-3	4
GENERAL NOTES		GN-1	5
GENERAL NOTES		GN-2	6
TYPICAL SECTION SHEETS (9)			
TYPICAL SECTION - I-20 EXISTING MAINLINE		TS-1	7
TYPICAL SECTION - I-20 RECONSTRUCTION (VARIABLE MEDIAN)		TS-2	8
TYPICAL SECTION - I-20 RECONSTRUCTION(64' MEDIAN)		TS-3	9
TYPICAL SECTION - I-20 AT SR35 INTERCHANGE RAMPS (RECONSTRUCTION)		TS-4	10
TYPICAL SECTION - I-20 AT SR35 INTERCHANGE RAMPS (MILL AND OVERLAY)		TS-5	11
TYPICAL SECTION - TEMPORARY RAMPS AND CROSSEOVERS		TS-6	12
TYPICAL SECTION - I-20 OVERLAY		TS-7	13
TYPICAL SECTION - PAVEMENT OVERLAY		TS-8	14
TYPICAL SECTION - HWY 489 RAMPS SCOTT COUNTY		TS-9	15
SUMMARY OF QUANTITIES (5)			
SUMMARY OF QUANTITIES		SQ-1	16
SUMMARY OF QUANTITIES		SQ-2	17
SUMMARY OF QUANTITIES		SQ-3	18
SUMMARY OF QUANTITIES		SQ-4	19
SUMMARY OF QUANTITIES - LIGHTING		SQ-5	20
ESTIMATED QUANTITIES (23)			
ESTIMATED QUANTITIES - GUARDRAILS ITEMS		EQ-1	21
ESTIMATED QUANTITIES - GUARDRAILS		EQ-2	22
ESTIMATED QUANTITIES - CONCRETE PAVEMENT REPAIRS		EQ-3	23
ESTIMATED QUANTITIES - PAVED DITCH REPAIRS, CONCRETE PIPE REPAIRS & ASPHALT FAILURE REPAIRS		EQ-4	24
ESTIMATED QUANTITIES - ASPHALT LEVELING		EQ-5	25
ESTIMATED QUANTITIES - EXISTING AND FINISHED EASTBOUND CL GRADES		EQ-5A	26
ESTIMATED QUANTITIES - EXISTING AND FINISHED EASTBOUND CL GRADES		EQ-5B	27
ESTIMATED QUANTITIES - EXISTING AND FINISHED WESTBOUND CL GRADES		EQ-5C	28
ESTIMATED QUANTITIES - EXISTING AND FINISHED WESTBOUND CL GRADES		EQ-5D	29
ESTIMATED QUANTITIES - EXISTING AND FINAL ELEVATIONS IN TANGENT SECTIONS (EB LANES)		FPG-1	30
ESTIMATED QUANTITIES - EXISTING AND FINAL ELEVATIONS IN TANGENT SECTIONS (WB LANES)		FPG-2	31
ESTIMATED QUANTITIES - RANDOM CLEARING		EQ-6	32
ESTIMATED QUANTITIES - FOR SIGN ITEMS AND PAVEMENT MARKERS		EQ-7	33
ESTIMATED QUANTITIES - POST MOUNTED DELINEATORS		EQ-8	34
ESTIMATED QUANTITIES - JOINT REPAIRS		EQ-9	35
ESTIMATED QUANTITIES - PRESSURE GROUT AND JOINT REPAIRS		EQ-10	36
ESTIMATED QUANTITIES - EARTHWORK QUANTITIES - PHASE 1		EQ-11	37
ESTIMATED QUANTITIES - EARTHWORK QUANTITIES - PHASE 2		EQ-12	38
ESTIMATED QUANTITIES - EARTHWORK QUANTITIES - PHASE 3		EQ-13	39
ESTIMATED QUANTITIES - STADARD ROADSIDE SIGN QUANTITIES		EQ-13.1	39.1
ESTIMATED QUANTITIES - CONSTRUCTION SIGNING		EQ-14	40
ESTIMATED QUANTITIES - TRAFFIC CONTROL		EQ-15	41
RECAPITULATION OF LIGHTING QUANTITIES		LQ-1	42

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PLAN & PROFILE SHEETS (59)		
I-20 WESTBOUND -STA. 285+42 TO STA. 308+00	3LT	43
I-20 EASTBOUND -STA. 285+36.080 TO STA. 310+00	3RT	44
I-20 WESTBOUND - STA. 308+00 TO STA. 338+00	4LT	45
I-20 EASTBOUND - STA. 310+00 TO STA. 339+00	4RT	46
I-20 WESTBOUND - STA. 338+00 TO STA. 368+00	5LT	47
I-20 EASTBOUND - STA. 339+00 TO STA. 369+00	5RT	48
I-20 WESTBOUND - STA. 368+00 TO STA. 398+00	6LT	49
I-20 EASTBOUND - STA. 369+00 TO STA. 399+00	6RT	50
I-20 WESTBOUND - STA. 398+00 TO STA. 428+00	7LT	51
I-20 EASTBOUND - STA. 399+00 TO STA. 429+00	7RT	52
I-20 WESTBOUND - STA. 428+00 TO STA. 458+00	8LT	53
I-20 EASTBOUND - STA. 429+00 TO STA. 458+00	8RT	54
I-20 WESTBOUND - STA. 458+00 TO STA. 488+00	9LT	55
I-20 EASTBOUND - STA. 458+00 TO STA. 488+00	9RT	56
I-20 WESTBOUND - STA. 488+00 TO STA. 518+00	10LT	57
I-20 EASTBOUND - STA. 488+00 TO STA. 518+00	10RT	58
I-20 WESTBOUND - STA. 518+00 TO STA. 548+00	11LT	59
I-20 EASTBOUND - STA. 518+00 TO STA. 548+00	11RT	60
I-20 WESTBOUND - STA. 548+00 TO STA. 578+00	12LT	61
I-20 EASTBOUND - STA. 548+00 TO STA. 578+00	12RT	62
I-20 WESTBOUND - STA. 578+00 TO STA. 607+00	13LT	63
I-20 EASTBOUND - STA. 578+00 TO STA. 608+00	13RT	64
I-20 WESTBOUND - STA. 607+00 TO STA. 636+00	14LT	65
I-20 EASTBOUND - STA. 608+00 TO STA. 638+00	14RT	66
I-20 WESTBOUND - STA. 636+00 TO STA. 666+00	15LT	67
I-20 EASTBOUND - STA. 638+00 TO STA. 668+00	15RT	68
I-20 WESTBOUND - STA. 666+00 TO STA. 696+00	16LT	69
I-20 EASTBOUND - STA. 668+00 TO STA. 698+00	16RT	70
I-20 WESTBOUND - STA. 696+00 TO STA. 737+00	17LT	71
I-20 EASTBOUND - STA. 698+00 TO STA. 739+00	17RT	72
I-20 WESTBOUND - STA. 737+00 TO STA. 767+00	18LT	73
I-20 EASTBOUND - STA. 739+00 TO STA. 769+00	18RT	74
I-20 WESTBOUND - STA. 767+00 TO STA. 797+00	19LT	75
I-20 EASTBOUND - STA. 769+00 TO STA. 799+00	19RT	76
I-20 WESTBOUND - STA. 797+00 TO STA. 826+00	20LT	77
I-20 EASTBOUND - STA. 799+00 TO STA. 829+00	20RT	78
I-20 WESTBOUND - STA. 826+00 TO STA. 856+00	21LT	79
I-20 EASTBOUND - STA. 829+00 TO STA. 858+00	21RT	80
I-20 WESTBOUND - STA. 856+00 TO STA. 882+00	22LT	81
I-20 EASTBOUND - STA. 858+00 TO STA. 885+00	22RT	82
I-20 EASTBOUND AND WESTBOUND- STA. 840+00 TO STA. 870+00	23	83
I-20 EASTBOUND AND WESTBOUND - STA. 870+00 TO STA. 900+00	24	84
I-20 EASTBOUND AND WEST BOUND - STA. 900+00 TO STA. 930+00	25	85
I-20 EASTBOUND AND WESTBOUND- STA. 930+00 TO STA. 960+00	26	86
I-20 EASTBOUND AND WESTBOUND - STA. 960+00 TO STA. 990+00	27	87

PS & E PLANS-DATE: 8/17/2010		
FMS CON.: 105870 / 301000		
REVISIONS		
DATE	SHEET NO.	BY
9-24-10	1, 3, 4, 6, 7, 14, 16, 17, 18, 19, 21, 22, 24, 35, 38, 39,	KJC
	41, 47, 51, 53, 54, 55, 57, 63, 64, 66, 68, 71, 72, 73,	
	74, 76, 77, 78, 79, 80, 81, 82, 88, 92, 95, 100.001,	
	100.005, 100.021, 100.028, 100.029, 100.030,	
	100.031, 100.033, 100.038, 100.059, 100.097, 100.098	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAIL INDEX I-20 FROM SR 481 TO NEWTON COUNTY LINE	PROJ NO: IM-0020-02(080) COUNTY: SCOTT	 WORKING NUMBER DI-1 SHEET NUMBER 2
	FILENAME: DI-1.dgn DESIGN TEAM: BAKER CHECKED: KJC DATE: 2010	
	DATE: _____ BY: _____	
	DATE: _____ BY: _____	

9/24/2010 9:41 AM DI-1.dgn
 PLAN
 ROADWAY DESIGN DIVISION
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1 st O. REV.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
I-20 EASTBOUND AND WESTBOUND - STA. 990+00 TO STA. 1020+00		28	88
I-20 EASTBOUND AND WESTBOUND - STA. 1020+00 TO STA. 1050+00		29	89
I-20 EASTBOUND AND WESTBOUND - STA. 1050+00 TO STA. 1080+00		30	90
I-20 EASTBOUND AND WESTBOUND- STA. 1080+00 TO STA. 1110+00		31	91
I-20 EASTBOUND AND WESTBOUND - STA. 1110+00 TO STA. 1140+00		32	92
I-20 EASTBOUND AND WESTBOUND - STA. 1140+00 TO STA. 1170+00		33	93
I-20 EASTBOUND AND WESTBOUND - STA. 1170+00 TO STA. 1200+00		34	94
I-20 EASTBOUND AND WESTBOUND- STA. 1200+00 TO STA. 1230+00		35	95
I-20 EASTBOUND AND WESTBOUND - STA. 1205+36.86 TO STA. 1230+59.10 LAKE NORRIS RD. NW RAMP		36	96
I-20 EASTBOUND AND WESTBOUND- STA. 1210+00 TO STA. 1224+59.20 LAKE NORRIS RD. SW RAMP		37	97
I-20 EASTBOUND AND WESTBOUND- STA. 1228+28.41 TO STA. 1243+00 LAKE NORRIS RD. NE RAMP		38	98
I-20 EASTBOUND AND WESTBOUND- STA. 1222+26.91 TO STA. 1249+73.04 LAKE NORRIS RD. SE RAMP		39	99
I-20 EASTBOUND AND WESTBOUND- STA. 1230+00 TO STA. 1260+00		40	100
I-20 EASTBOUND AND WESTBOUND- STA. 1260+00 TO E.O.P. STA. 1283+93		41	100.001
<u>SPECIAL DESIGN SHEETS (97)</u> Δ			
<u>CONSTRUCTION SIGNING PLANS (3)</u>			
CONSTRUCTION SIGNING		CS-1	100.002
CONSTRUCTION SIGNING		CS-2	100.003
CONSTRUCTION SIGNING		CS-3	100.004
<u>TRAFFIC CONTROL PLANS (37)</u>			
PHASE 1 TYPICAL SECTION AND PHASE CONSTRUCTION NOTES		TC-TS1	100.005
PHASE 2 AND 3 TYPICAL SECTIONS		TC-TS2	100.006
TRAFFIC CONTROL - GENERAL NOTES AND DETAILS		TC-GN	100.007
TRAFFIC CONTROL - TEMPORARY DIRECTIONAL SIGNS		TC-MD1	100.008
TRAFFIC CONTROL - TEMPORARY DIRECTIONAL SIGNS		TC-MD2	100.009
PHASE 1 - MAINLINE I-20		TC-1	100.010
PHASE 1 - MAINLINE I-20		TC-2	100.011
PHASE 1 - MAINLINE I-20		TC-3	100.012
PHASE 1 - MAINLINE I-20		TC-4	100.013
PHASE 2 - MAINLINE I-20		TC-5	100.014
PHASE 2 - MAINLINE I-20		TC-6	100.015
PHASE 2 - MAINLINE I-20		TC-6.1	100.016
PHASE 2 - MAINLINE I-20		TC-6.2	100.017
PHASE 2 - MAINLINE I-20		TC-7	100.018
PHASE 2 - MAINLINE I-20		TC-8	100.019
PHASE 2 - MAINLINE I-20		TC-9	100.020
PHASE 2A - MAINLINE I-20		TC-10	100.021
PHASE 2A - MAINLINE I-20		TC-11	100.022
PHASE 2A - MAINLINE I-20		TC-12	100.023
PHASE 3 - MAINLINE I-20		TC-13	100.024
PHASE 3 - MAINLINE I-20		TC-14	100.025
PHASE 3 - MAINLINE I-20		TC-15	100.026
PHASE 3 - MAINLINE I-20		TC-16	100.027
PHASE 3 - MAINLINE I-20		TC-17	100.028
PHASE 3A - MAINLINE I-20		TC-18	100.029
PHASE 3A - MAINLINE I-20		TC-19	100.030
PHASE 3A - MAINLINE I-20		TC-20	100.031
TEMPORARY CROSSOVER - PHASE 2 AT BEGIN RECONSTRUCTION		TC-21	100.032
TEMPORARY CROSSOVER - PHASE 2 AT END RECONSTRUCTION		TC-22	100.033
TEMPORARY CROSSOVER - PHASE 3 AT BEGIN RECONSTRUCTION		TC-23	100.034
TEMPORARY CROSSOVER - PHASE 3 AT END RECONSTRUCTION		TC-24	100.035
TEMPORARY RAMP NW-PHASE 2		TC-25	100.036
TEMPORARY RAMP NW-PHASE 2A		TC-26	100.037

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TEMPORARY RAMP NE-PHASE 2	TC-27	100.038
TEMPORARY RAMP SW-PHASE 3	TC-28	100.039
TEMPORARY RAMP SE-PHASE 3	TC-29	100.040
TEMPORARY RAMP SW-PHASE 3A	TC-30	100.041
<u>LIGHTING PLANS (8)</u>		
LIGHTING NOTES, LEGEND AND ABBREVIATIONS	LN-1	100.042
LIGHTING LAYOUT	L-1	100.043
LIGHTING LAYOUT	L-2	100.044
LIGHTING DETAILS	LD-1	100.045
LIGHTING DETAILS	LD-2	100.046
LIGHTING DETAILS	LD-3	100.047
LIGHTING DETAILS	LD-4	100.048
LIGHTING DETAILS	LD-5	100.049
<u>MISCELLANEOUS SHEETS (49)</u> Δ		
LANDSLIDE REPAIR DETAILS	LS-1	100.050
LANDSLIDE REPAIR MEDIAN I-20 577+00 TO 583+00	LS-2	100.051
LANDSLIDE AT EXIT 95 ON I-20 998+00 TO 999+50	LS-3	100.052
LANDSLIDE REPAIR PLAN VIEW AND QUANTITIES	LS-4	100.053
GUARD POST DETAILS	GP-1A	100.054
LANE CLOSURE DETAILS FOR FULL DEPTH PAVEMENT REPAIR	LCD-1	100.055
RUMBLE STRIPS FOR 4 LANE HIGHWAYS	RS-4L	100.056
TRAFFIC CONTROL DETALS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	100.057
VEGETATION SCHEDULE	VS-1	100.058
Δ TRANSVERSE JOINT DETAILS	TJ-1	100.059
TYPICAL CRC PAVEMENT REPAIR	PR-1A	100.060
TYPICAL CRC PAVEMENT REPAIR	PR-1B	100.061
GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	100.062
PRESSURE GROUTING	PG-1	100.063
LONGITUDINAL JOINT REPAIR	LJR-1	100.064
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-1	100.065
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-2	100.066
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-3	100.067
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-4	100.068
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-5	100.069
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-6	100.070
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-7	100.071
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-8	100.072
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-9	100.073
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-10	100.074
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-11	100.075
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-12	100.076
MDOT's PRELIMINARY EROSION CONTROL DETAILS	ECD-13	100.077

9/24/2010 9:41 AM DI-1.dgn

9-24-10		REVISED NUMBER OF SHEETS		KJC		BY	
DATE		REVISION		KJC		BY	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAIL INDEX I-20 FROM SR 481 TO NEWTON COUNTY LINE							
							
PROJ NO: IM-0020-02(080) COUNTY: SCOTT							
FILENAME: DI-1.dgn DESIGN TEAM: BAKER CHECKED: KJC DATE: 2010							
						WORKING NUMBER DI-2 SHEET NUMBER 3	

- ① THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT THE FIELD CONDITIONS.
- ② FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS REGARDLESS OF WHETHER USED DURING DAYTIME OR NIGHTTIME HOURS.
- ③ TOE WALLS ARE REQUIRED AT ALL UPSTREAM AND DOWNSTREAM FLARED END SECTIONS.
- ④ THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND FOR MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER. A COPY OF THE FIELD VERIFICATION NOTES SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR WRITTEN APPROVAL PRIOR TO BEGINNING CONSTRUCTION/RECONSTRUCTION.
- ⑤ ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- ⑥ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- ⑦ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- ⑧ THE CONTRACTOR IS TO REMOVE AND RESET, ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION. THE CONTRACTOR IS TO REMOVE AND REPLACE WITH NEW POSTS AND SIGNS ALL STANDARD ROADSIDE SIGNS IN THEIR ORIGINAL LOCATIONS. DIRECTIONAL SIGNS AND FOOTINGS WILL BE LEFT IN PLACE AND MAINTAINED DURING PLACEMENT OF FILL AND SLOPE WORK. INTERSTATE LOGO WILL BE NOTIFIED BY THE CONTRACTOR TO REMOVE AND RESET THE LOGO SIGNS AS REQUIRED.
- ⑨ ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC (2 FEET IN WIDTH), AND PICKUP HOLES ARE TO BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC TO THE SATISFACTION OF THE ENGINEER, NOT A SEPARATE PAY ITEM.
- ⑩ A MINIMUM OF 1' COVER WILL BE MAINTAINED OVER ALL PIPES AND BOXES IN UNDERCUT SECTIONS FOR CONSTRUCTION TRAFFIC TO CROSS.

- ⑪ A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
- ⑫ IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THIS PLAN DURING CONSTRUCTION.
- 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 EXISTING TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER GRADING OPERATIONS ARE COMPLETE, STOCKPILED TOPSOIL IS TO BE PLACED ON SLOPES AND IN MEDIAN AREAS. ALL COST ASSOCIATED WITH STRIPPING, STOCKPILING, AND PLACEMENT OF THIS MATERIAL SHALL BE ABSORBED IN ITEMS BID.
- ⑮ THE CONTRACTOR SHALL NOTIFY MISSISSIPPI LOGOS INC. 601-853-7100 OF THE SCHEDULE OF OPERATIONS SO THAT ALL LOGO SIGNS CAN BE MOVED BY MISSISSIPPI LOGOS IN A MANNER THAT WILL NOT IMPEDE THE PROGRESS OF THE PROJECT.
- ⑯ VARIABLE DEPTH MILL AND INLAY (12.5mm HMA, HT POLYMER) IS REQUIRED AS DIRECTED BY THE ENGINEER IN VARIOUS LOCATIONS ON THE EASTBOUND LANES (TOTAL LENGTH ESTIMATED AT 1 MILE) IN ORDER TO ESTABLISH A SMOOTH GRADE PROFILE PRIOR TO PLACEMENT OF MEDIAN BARRIER. PAYMENT FOR THIS WORK IS TO BE MADE UNDER THE APPROPRIATE CONTRACT PAY ITEMS.
- ⑰ IT IS THE INTENT OF THIS CONTRACT TO NOT DISTURB EXISTING DITCHES. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF PAVED DITCHES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES OTHER THAN THOSE LISTED ON EQ-3.
- ⑱ LOCATIONS AND LENGTHS OF REQUIRED GUARDRAILS ARE PRELIMINARY ESTIMATES. THE CONTRACTOR WILL LOCATE THE ENDS OF ALL EXISTING PIPES AND BOX CULVERTS (X,Y,Z COORDINATES) AND FURNISH TO THE ENGINEER THE FINISHED PLOTTED ROADWAY TEMPLATE FOR FINAL GUARDRAIL LOCATION AND LENGTH.



		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		I-20 RECONSTRUCTION	
		PROJ NO: IM-0020-02(080)	WORKING NUMBER
		COUNTY: SCOTT	GN-1
DATE	FILENAME: GeneralNotes.dgn	SHEET NUMBER	
DESIGN TEAM	BAKER	CHECKED	DATE 2010
			5

GENERAL NOTES

GENERAL NOTES

1. 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.
2. Prior to the placement of the leveling lift of asphalt, failed areas (punchouts) shall be repaired. These locations include, but are not limited to, those shown in the attached tables. Upon placement of new concrete, the concrete shall be placed to a finished elevation so as to coincide with adjacent undisturbed concrete. Following repair of the concrete pavement, the repaired area shall be overlaid with 12.5mm HT, Polymer Modified HMA.
3. 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.
4. 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 be included in other items bid.
5. Paving in the milled areas shall begin immediately behind the milling operation. Traffic will not be allowed to run on the milled surface.
6. Wire backing is required on all silt fence.
7. Approximately one-half of all milled material up to 10,000 Tons will be retained by MDOT. The material shall be delivered to the District 5 Maintenance Headquarters located at 9633 Hwy. 80 E., Morton. Sufficient advanced notice shall be given to insure that MDOT maintenance is equipped to handle the delivery.
8. Some curves will require leveling to correct the superelevation cross-slope prior to the final surface being placed. Finished grades shall be field verified prior to construction operations. These areas are listed on sheets EQ-5A - EQ-5D. Some tangents will require mill/overlay to correct cross slope to 2% or as directed by the Engineer. These areas are listed on sheets FPG-1 & FPG-2. Adjacent shoulders shall be overlaid where required.

9. Logging, clearing, grubbing, chip/debris/vegetation removed and erosion control operations must be performed during daylight hours. Accumulations of chips and clearing debris shall not be allowed to remain within 30' of the outside edge of the travel lane. Equipment shall be stored outside the 30' clear zone while not in use.
10. Existing drainage channels are to be cleared and restored to the lines and grades as directed by the Engineer and as per the applicable Notice-to-Bidders.
11. All ditch plugs & authorized crossovers will be brought to current safety standards. The slope 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.
12. Random clearing 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 (standing or falling) shall be removed within ROW limits shall be removed as directed by the Engineer throughout the life of the project until the final maintenance release is issued. Price for removal of dead or dying trees is to be included in other items bid.
13. Prior to overlay, the area beneath existing guardrails is to be graded to restore the appropriate slope and grade. No separate payment will be made for this work; therefore, the cost should be included in other items bid.
14. In the mill/overlay section, longitudinal cracking in the HMA and failures of the underlying CRCP shall be repaired as follows:
Prior to milling, fill voids under the CRCP, joints at the centerline of the CRCP, and joints at the edge of pavement between the CRCP and soil cement treated shoulder by pressure grouting. Subsequent to pressure grouting, mill and replace HMA over the joint to a maximum depth of 9". After milling and prior to replacement, if there is any remaining depth of HMA over the joint, repair any failed HMA by removing all loose/broken pieces. Replacement of milled area to be made with HMA, 19mm Mix, HT, back to existing finish grade. Milling in these areas will be measured and paid by the Square yard.
15. Removal of all delineators will be considered and absorbed item. The cost of which shall be included in the price of items bid.
16. Anywhere in these plans when reference is made to Project Number IM-0020-02(074), it is understood that the correct Project Number is IM-0020-02(080).

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

9/24/2010 8:42 AM GN-2 REVISED.DGN

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES		 WORKING NUMBER GN-2 SHEET NUMBER 6
		PROJ NO: IM-0020-02(080) COUNTY: SCOTT		
DATE	9-24-10	REVISION	REVISED NOTE 8 & ADDED NOTE 16	FILENAME: GN-2.dgn DESIGN TEAM _____ CHECKED _____ DATE 2010