

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH-0014-02(077)	1

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input type="checkbox"/> PERMANENT SIGNS	1001
<input type="checkbox"/> TRAFFIC SIGNALS	2001
<input type="checkbox"/> ITS COMPONENTS	3001
<input type="checkbox"/> LIGHTING	4001
<input type="checkbox"/> (RESERVED)	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS	6001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input type="checkbox"/> BRIDGE	8001
<input type="checkbox"/> CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NH-0014-02(077)

US 98

WALTHALL CL TO JCT SR 35
MARION COUNTY

FMS CON. NO. 107618 / 301000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 3,125 FT.

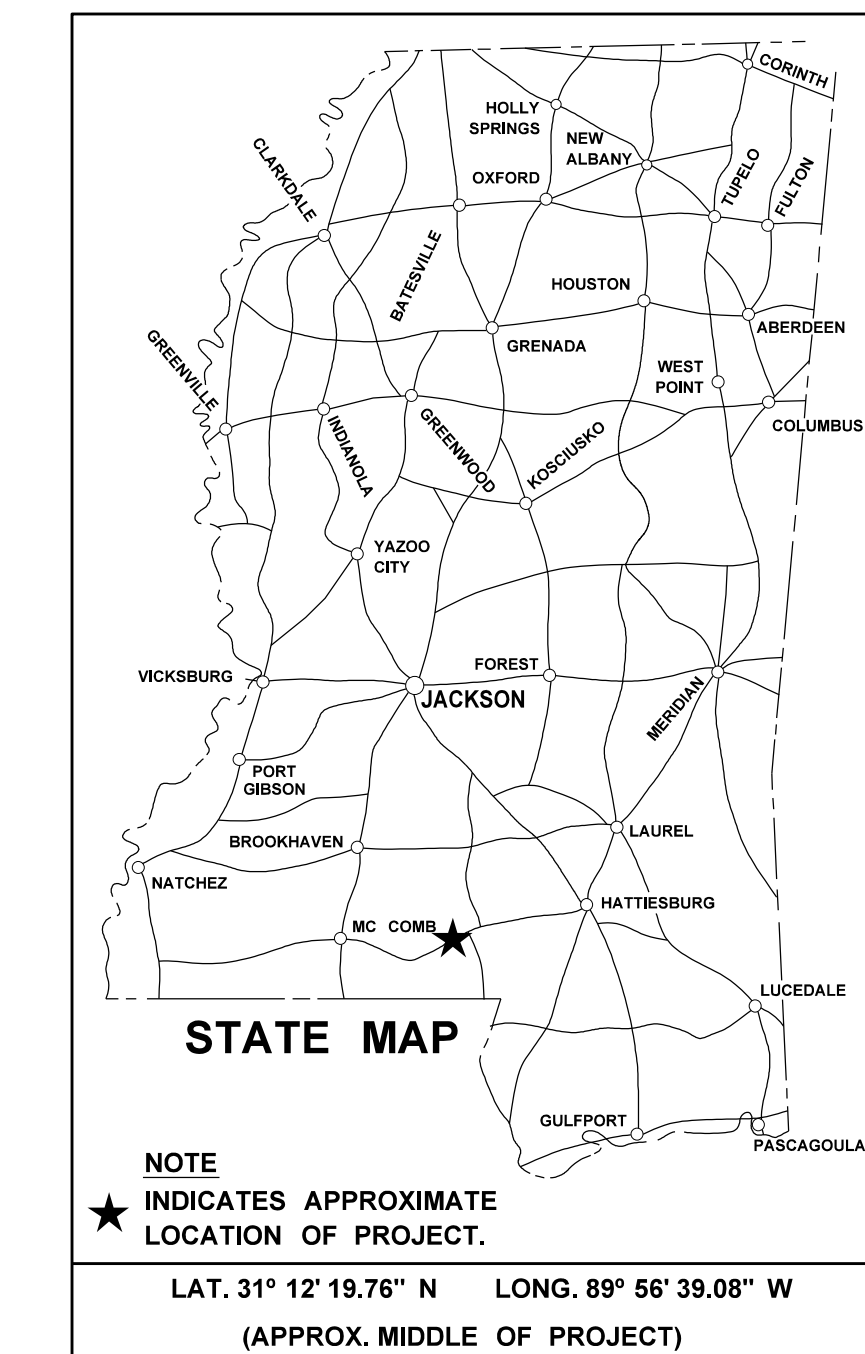
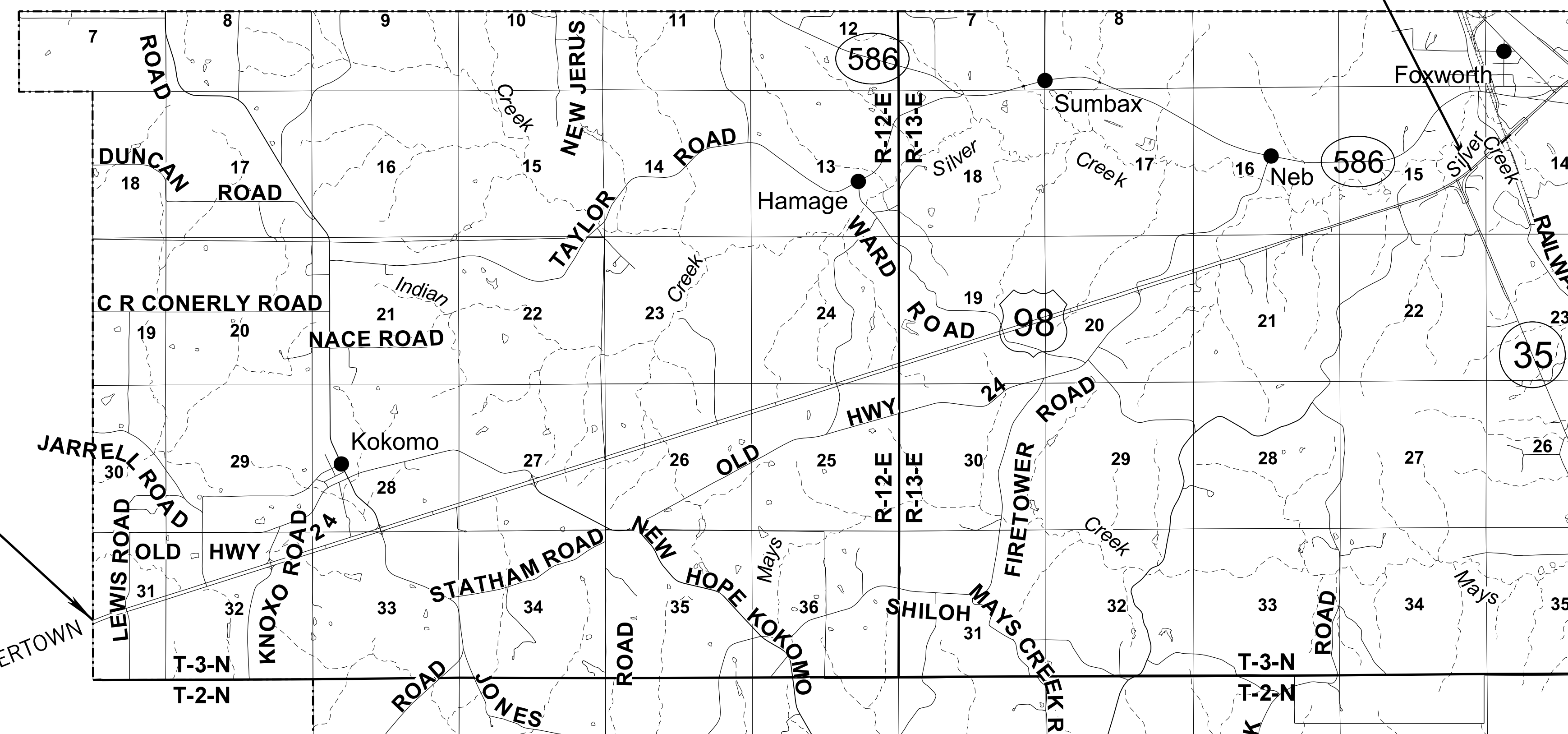
E.O.P STA. 932 + 50

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.

B.O.P. STA. 10 + 00

← 8 MI TO TYLERTOWN



DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT () = : ADT () =

DH = : D = % T = %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>
STORMWATER PERMIT <input type="checkbox"/>		
Y	REQUIRED, (CND) SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)	
S	REQUIRED, (CND) TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: _____		

CONVENTIONAL SYMBOLS

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

EQUATIONS

(RT. LANE)		(LT. LANE)	
263+28.07 BK = 263+50.00	AH = -21.93	20+69.45 BK = 20+67.70	AH = 1.75
464+72.50 BK = 464+71.02	AH = 1.48	263+28.07 BK = 263+50.00	AH = -21.93
496+00.00 BK = 895+32.80	AH = -39,932.80	496+00.00 BK = 895+32.80	AH = -39,932.80
	-39,953.25		-39,952.98

LENGTH DATA (RT. LANE)

LENGTH OF ROADWAY	52,276.75 FT.	9.901 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)	52,276.75 FT.	9.901 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)	52,276.75 FT.	9.901 MI.

EXCEPTIONS



P S & E DATE: 08/30/2019

APPROVED: _____

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/25/2019 11:36:43 AM 013 TITLE SHEET.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0014-02(077)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE AND LAYOUT SHEET		1	STANDARDS DRAWINGS (14)		
DETAILED INDEX	DI-1	2	PAVEMENT MARKING DETAIL FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1	6051
GENERAL NOTES	GN-1	3	PAVEMENT MARKING LEGEND DETAILS	PM-5	6055
			PAVEMENT MARKING LEGEND DETAILS	PM-6	6056
TYPICAL SECTION SHEETS (1)			2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4-LANE)	PM-12	6062
TYPICAL SECTION MAINLINE	TS-1	4	TYPICAL CROSSOVER DELINEATION	SN-8B	6316
			TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
QUANTITY SHEETS (3)			TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH	TCP-2	6352
SUMMARY OF ESTIMATED QUANTITIES			TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (EXTENDED PERIOD)	TCP-4	6354
ESTIMATED QUANTITIES FOR ASPHALT, MILLING, GRANULAR MATERIAL	SQ-1	5	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH	TCP-5	6355
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ-1	6	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
	TCPQ-1	7	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
			TRAFFIC CONTROL PLAN FOR UNEVEN PAVEMENT DETAILS	TCP-12	6362
PLAN PROFILE SHEETS (28)			TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
STA. 418+00 - STA. 31+00	3	8	RURAL DRIVEWAYS	RD-1	6403
PAVING LIMITS	3A	9			
STA. 31+00 - STA. 61+00	4	10	TOTAL NUMBER OF SHEETS: 59		
STA. 61+00 - STA. 91+00	5	11			
PAVING LIMITS	5A	12			
STA. 91+00 - STA. 121+00	6	13			
PAVING LIMITS	6A	14			
STA. 121+00 - STA. 151+00	7	15			
STA. 151+00 - STA. 181+00	8	16			
PAVING LIMITS	8A	17			
STA. 181+00 - STA. 211+00	9	18			
PAVING LIMITS	9A	19			
STA. 211+00 - STA. 241+00	10	20			
STA. 241+00 - STA. 271+00	11	21			
PAVING LIMITS	11A	22			
STA. 271+00 - STA. 301+00	12	23			
PAVING LIMITS	12A	24			
STA. 301+00 - STA. 331+00	13	25			
STA. 331+00 - STA. 361+00	14	26			
PAVING LIMITS	14A	27			
STA. 361+00 - STA. 391+00	15	28			
STA. 391+00 - STA. 421+00	16	29			
PAVING LIMITS	16A	30			
STA. 421+00 - STA. 451+00	17	31			
STA. 451+00 - STA. 480+00	18	32			
STA. 480+00 - STA. 909+00	19	33			
PAVING LIMITS	19A	34			
STA. 909+00 - STA. 938+00	20	35			
SPECIAL DESIGN SHEETS (10)					
DETAILED CONSTRUCTION SIGNS	DCS-1	36			
DETAIL FOR CURB AND ISLAND PAINTING	DCIS-1	37			
CROSSOVER RPM: D7 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSEOVERS	D7-1	38			
CROSSOVER RPM: D7 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSEOVERS	D7-1A	39			
DETAIL OF STRIPING AT CHANNELIZED INTERSECTIONS 4-LANE HIGHWAY	PMD-4	40			
STOP SIGN RUMBLES	SDSSR-1	41			
TRAFFIC CONTROL DETAILS: DRUM PLACEMENT AND SHOULDER CLOSURE	SDTCP-16	42			
RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT OR WIDER ASPHALT SHOULDERS)	RS-2	43			
SUPERELEVATION TRANSITION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SE-2A	44			
SUPERELEVATION TRANSITION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY (3% NORMAL SUBGRADE)	SE-2D	45			

11/25/2019 11:36:44 AM 02DI-1-.DGN

DISTRICT 7		
PS & E PLANS-DATE 08/30/19		
FMS CON. # 107618 / 301000		
REVISIONS		
DATE	SHEET NO.	BY
9-10-19	5	JMD
11-25-19	5	JMD

REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	DETAILED INDEX	
	PROJ. NO.: NH-0014-02(077) COUNTY: MARION	
	WORKING NUMBER	DI-1
DATE	FILE NAME: \02DI-1.dgn	SHEET NUMBER
DESIGN TEAM	DISTRICT 7	CHECKED
		DATE
		2



STATE	PROJECT NO.
MISS.	NH-0014-02(077)


GENERAL NOTES

- ① THE LOCATION AND SPACING OF SIGNS AS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ② ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART 6 OF THE MUTCD (LATEST EDITION).
- ③ 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.
- ④ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR SUITABLE MATERIAL.
- ⑤ ALL SIGNS AND DELINEATORS THAT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RESET BY THE CONTRACTOR; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑥ THE GRASS ON EXISTING SHOULDERS SHALL BE REMOVED PRIOR TO THE PLACEMENT OF SHOULDER MATERIAL BY LIGHTLY BLADING OR CLOSELY MOWING; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑦ WHERE MILLING OF THE ROADWAY IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDER AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON MILLED SURFACE; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑧ 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. 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.
- ⑨ THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKERS PRIOR TO PLACING ASPHALT; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑩ TEMPORARY STRIPING SHALL BE REQUIRED AFTER MILLING, SCRUB SEAL, PRELIMINARY LEVELING, AND OVERLAYING OPERATIONS; TEMPORARY STRIPING SHALL BE PLACED IN THE SAME LOCATIONS AND LAYOUT AS PERMANENT STRIPE. ALL CENTERLINE, LANE LINES, EDGE LINES, AND NO-PASSING STRIPES THAT HAVE BEEN REMOVED DURING THE DAY'S OPERATIONS SHALL BE REPLACED WITH TEMPORARY STRIPE BEFORE WORK IS DISCONTINUED FOR THE DAY OR AS SOON THEREAFTER AS WEATHER CONDITIONS WILL PERMIT, EXCEPT THAT:
 - (1) REPLACEMENT OF NO-PASSING STRIPES MAY BE DELAYED FOR A PERIODS NOT TO EXCEED THREE (3) DAYS FOR A TWO OR THREE LANE ROAD
 - (2) TEMPORARY EDGE LINES ON PROJECT REQUIRING SHOULDERS CONSTRUCTED OF GRANULAR MATERIAL MAY BE DELAYED FOR A PERIOD NOT TO EXCEED THREE (3) DAYS.
- ⑪ ALL ASPHALT AND CONCRETE CURBS ALONG RAMPS, LOCAL ROADS, ETC. FROM B.O.P. TO E.O.P. SHALL BE PAINTED (TWO APPLICATIONS) WITH WHITE TRAFFIC PAINT AND TRAFFIC BEADS ; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑫ IF THE ASPHALT CURB ALONG THE LOCAL ROAD IS SEVERELY DAMAGED, THE ENTIRE ASPHALT CURB WILL BE REMOVED AS DIRECTED BY THE ENGINEER; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑬ ALL LOCAL ROADS SHALL BE PAVED TO THE R.O.W. LIMITS OR AS DIRECTED BY THE ENGINEER.
- ⑭ ALL ADDENDA FOR THIS PROJECT WILL BE POSTED ON 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'S THE BIDDERS'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.

GENERAL NOTES (CONT.)

- ⑮ GRANULAR MATERIAL WILL NOT BE ALLOWED TO BE PLACED DIRECTLY ON THE SURFACE LIFT OF ASPHALT, BUT MUST BE PLACED DIRECTLY ON THE GRAVEL SHOULDER OR A ROAD WIDENER MACHINE USED AND APPROVED BY THE PROJECT ENGINEER.
- ⑯ STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- ⑰ INSTALLATION DATES SHALL BE CLEARLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK BOTTOM HALF OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT AND MARKS ON WET OR DRY SURFACES.
- ⑱ ALL POST, PIPE, AND I-BEAM LENGTHS IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- ⑲ ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT THAT ARE NOT IN CONFLICT WITH CONSTRUCTION SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ⑳ ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- ㉑ DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL GUIDE SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.
- ㉒ ALL RAMPS AND DRIVEWAY PADS SHALL BE PAVED TO THE SHOULDER LINE, MINIMUM OR FURTHER, AS DIRECTED BY THE ENGINEER WITHIN THE R.O.W. LIMITS.
- ㉓ AFTER THE PERMANENT SIGNS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A DIGITAL COPY OF A MICROSOFT EXCEL SPREADSHEET WITH THE FOLLOWING INVENTORY DATA CAPTURED FOR EACH SIGN: LOCATION OF SIGN (LATITUDE - LONGITUDE GPS COORDINATES), MUTCD SIGN CODE, SIZE, BACKGROUND AND LEGEND COLORS, SUPPORT TYPE (POST, PIPE, SQUARE POST, OR I-BEAM), NUMBER OF SUPPORTS, DATE INSTALLED, SIGN FACE DIRECTION, ROUTE NAME OR NUMBER, DIRECTION OF VEHICLE TRAVEL, AND LEGEND ON SIGN IF APPLICABLE. EACH SIGN SHALL BE ASSIGNED A UNIQUE ID NUMBER AND A DIGITAL PHOTO OF EACH SIGN SHALL BE SUBMITTED IN BITMAP FORMAT. THE PHOTO FILE NAME SHALL CORRESPOND WITH THE UNIQUE ID NUMBER.
- ㉔ SOME WORK IS REQUIRED OUTSIDE OF THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS IN THE PLANS.
- ㉕ THE ASPHALT PAVING /SCRUB SEAL OPERATION SHALL BE COMPLETED IN THE FOLLOWING ORDER:
 - A: SCRUB SEAL
 - B: PRE-LEVELING
 - C: SURFACE COURSE UTAP

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		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
			
		PROJ. NO.: NH-0014-02(077) COUNTY: MARION	
		WORKING NUMBER GN-1	
		SHEET NUMBER 3	
DATE	FILE NAME: \03\GN-1.dgn	DESIGN TEAM	DISTRICT 7
		CHECKED	DATE