

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NHPP-0014-02(089)	1

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input type="checkbox"/> PERMANENT SIGNS	1001
<input checked="" 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

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

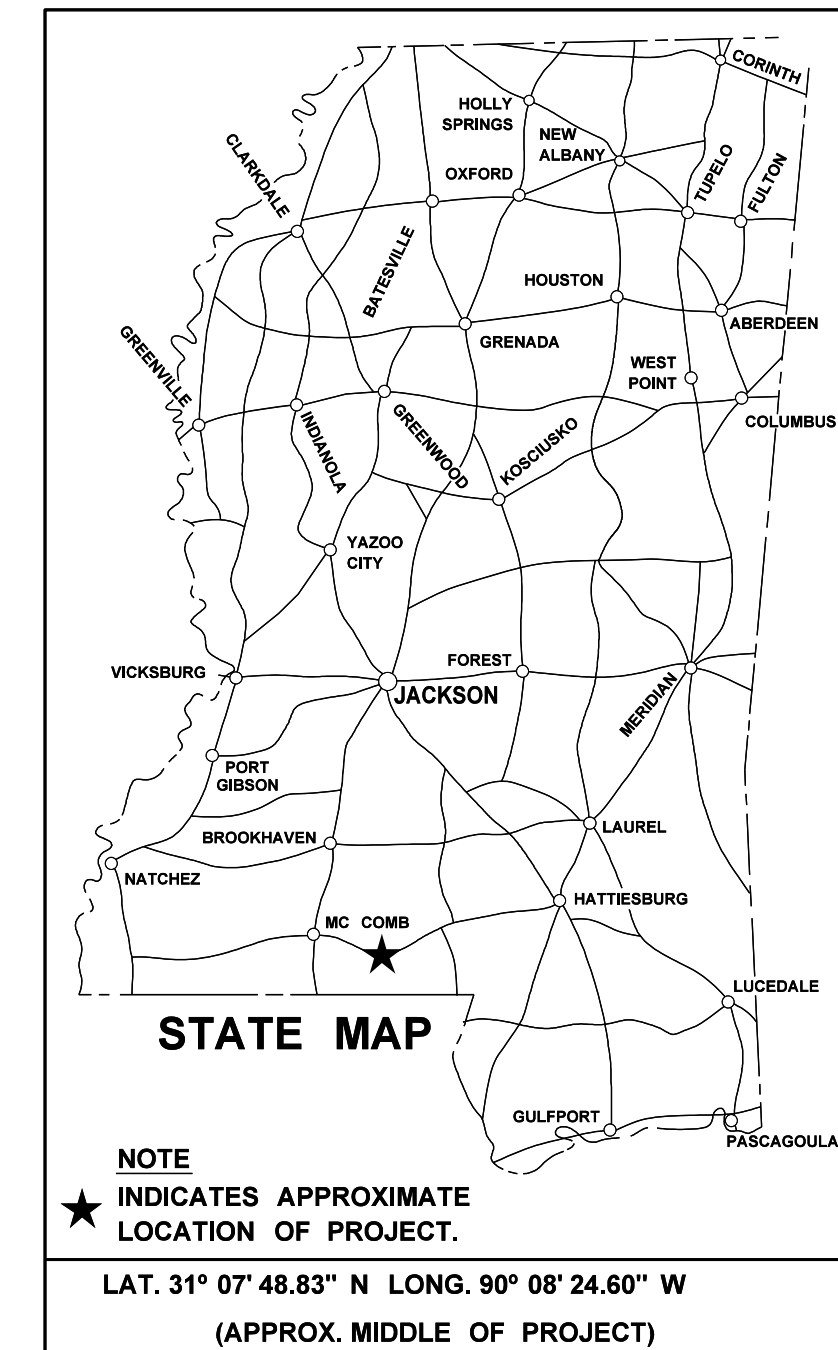
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NHPP-0014-02(089)

US HWY 98
Industrial Park Rd. East to SR 198E
Walthall County

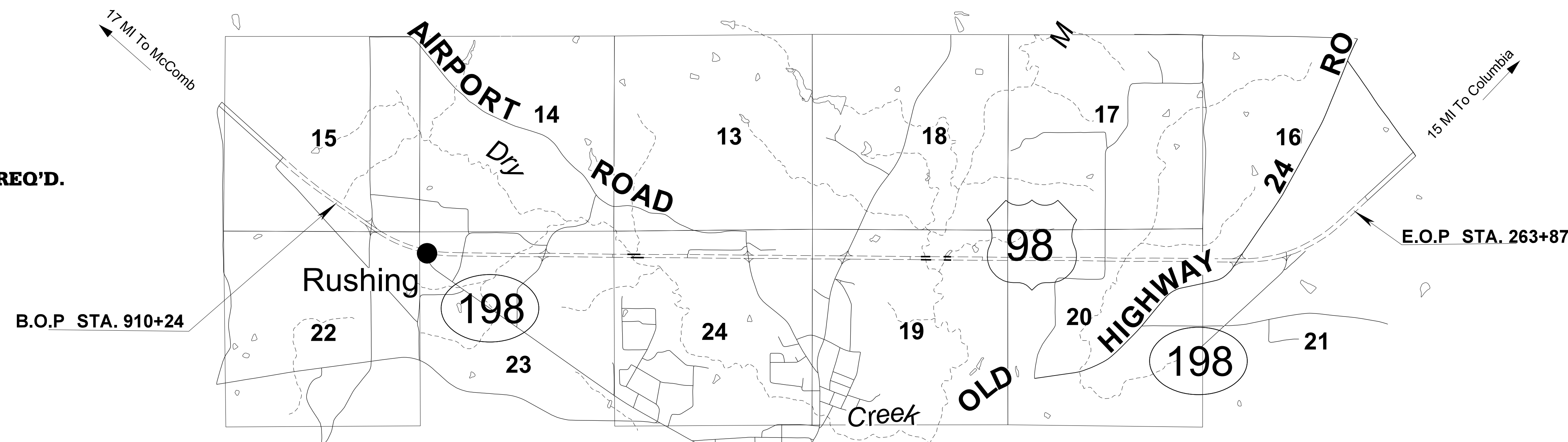
FMS CON. NO. 108366 / 301000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 1,728 FT.



10/21/2021 8:01:29 AM TLE



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"/> N	<input type="checkbox"/> N
NATIONWIDE (OTHER)*	<input type="checkbox"/> N	<input type="checkbox"/> N
GENERAL*	<input type="checkbox"/> N	<input type="checkbox"/> N
INDIVIDUAL (404)*	<input type="checkbox"/> N	<input type="checkbox"/> N

STORMWATER PERMIT N

Y REQUIRED, CNDI SUBMITTED BY MDOT (DISTURBED AREA > 5 ACRES)

S REQUIRED, SCNDI 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

EAST BOUND LN.
913+61.26 BK. = 2+03.77 AH. (-91157.49)
29+13.77 BK. = 29+51.23 AH. (37.46)

LENGTH DATA

LENGTH OF ROADWAY	26,483 FT.	5.015 MI.
LENGTH OF BRIDGES	808 FT.	0.153 MI.
LENGTH OF PROJECT (NET)	27,291	5.168 MI.
LENGTH OF EXCEPTIONS	0 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	27,291	5.168 MI.

EXCEPTIONS

P S & E DATE: 3/2021

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR _____



1st O. REV.

STATE	PROJECT NO.
MISS.	NHPP-0014-02(089)

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
TITLE AND LAYOUT SHEET (1)			1				
DETAILED INDEX (1)		DI-1	2				
GENERAL NOTES (1)		GN-1	3	STANDARD DRAWINGS (16)			
TYPICAL SECTION SHEETS (1)							
Typical Section-Mainline		TS-1	4	PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS		PM-1	6051
				PAVEMENT MARKING LEGEND DETAILS		PM-6	6056
				2-WAY CLEAR RAISED PAVEMENT MARKERS PLACED ON SIDE ROADS (4-LANE)		PM-12	6062
				OFFSET LEFT TURN LANES		PM-13	6063
				RUMBLE STRIPE 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT. OR WIDER ASPHALT SHOULDER)		RS-2	6065
QUANTITY SHEETS (5)				TYPICAL CROSSOVER DELINEATION		SN-8B	6316
Summary of Estimated Quantities		SQ-1	5	TYPICAL GUARDRAIL DELINEATION		SN-8C	6317
Summary of Estimated Quantities		SQ-2	6	TRAFFIC CONTROL PLAN WITH FLAGGER		TCP-1	6351
Estimated Quantities for Traffic Control Signing		TCPQ-1	7	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (WORK DAY ONLY)		TCP-2	6352
Estimated Quantities for Milling AND Leveling		EQ-1	8	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (EXTENDED PERIOD)		TCP-3	6353
Estimated Quantities for Asphalt and Granular Materials		EQ-2	9	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (EXTENDED PERIOD)		TCP-4	6354
				TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (WORK DAY ONLY)		TCP-5	6355
				HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-8	6358
				TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS		TCP-9	6359
				TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-12	6362
				TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LN. AND 4-LN DIVIDED HIGHWAYS.		TCP-13	6363
PLAN & PROFILE SHEETS (9)							
STA. 910+24 TO STA. 25+00		WK3	10				
STA. 25+00 TO STA. 55+00		WK4	11				
STA. 55+00 TO STA. 85+00		WK5	12				
STA. 85+00 TO STA. 115+00		WK6	13				
STA. 115+00 TO STA. 145+00		WK7	14				
STA. 145+00 TO STA. 175+00		WK8	15				
STA. 175+00 TO STA. 205+00		WK9	16				
STA. 205+00 TO STA. 235+00		WK10	17				
STA. 235+00 TO STA. 265+00		WK11	18				
				TOTAL SHEETS (46) ▲			
SPECIAL DESIGN SHEETS (8) ▲							
DETAIL OF CONSTRUCTION SIGNING		DCS-1	19				
DETAIL FOR CURB AND ISLAND STRIPING		DCIS-1	20				
DETAIL OF STRIPING CHANNELIZED INTERSECTION		PMD-4	21				
STOP SIGN RUMBLES		SSR-1	22				
D7 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS		D7-1	23				
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE		SDTCP-16	24				
▲ GUARDRAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS		GR-4-MOD	25				
UNDERSEALING DETAIL FOR JOINTED CONCRETE		UDJC-1	26				
TRAFFIC SIGNAL SHEETS (4)							
TRAFFIC SIGNAL LOOP		TSL-1	2001				
TRAFFIC SIGNAL LOOP		TSL-2	2002				
TRAFFIC SIGNAL GENERAL NOTES		TSD-1	2003				
VIDEO/MULTI-SENSOR DETECTION INSTALLATION FOR TRAFFIC SIGNALS		TSD-9V	2004				

3/30/2022 5:27 PM (2) INDEX#1.DGN

DISTRICT 7		
PS & E PLANS-DATE 3/1/2021		
FMS CON. # 108366/301000		
REVISIONS		
DATE	SHEET NO.	BY
10/19/21	2,5,6,12,26 & 2001	CLH
03/23/22	5,6,13,14	CLH

10/19/21 DATE DESIGN TEAM	10/19/21 DATE	CLH BY	REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
	DETAILED INDEX			
	PROJ. NO.: NHPP-0014-02(089) COUNTY: WALTHALL			
	FILENAME: (2)index#1.dgn			WORKING NUMBER DI-1 SHEET NUMBER 2



STATE	PROJECT NO.
MISS.	NHPP-0014-02(089)


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 TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- ③ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- ④ 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.
- ⑤ 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.
- ⑥ VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ⑦ THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT WORK OR PHASE.
- ⑧ 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.
- ⑨ WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ⑩ TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- ⑪ 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.
- ⑫ STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.
- ⑬ 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.
- ⑭ 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.
- ⑮ 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.
- ⑯ 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.
- ⑰ 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 OF INSTALLATION, 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 FILENAME SHALL CORRESPOND WITH THE UNIQUE ID NUMBER.
- ⑱ ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ⑲ ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.
- ⑳ THE RETROREFLECTIVE SIGN SHEETING ON PERMANENT GROUND-MOUNTED SIGNS SHALL BE AS FOLLOWS: BROWN BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE VII; GREEN AND BLUE BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE IX; ALL WHITE, YELLOW, FLUORESCENT YELLOW AND FLUORESCENT YELLOW/GREEN SHEETING SHALL BE TYPE XI. ALL SIGN SHEETING ON OVERHEAD SIGNS SHALL BE TYPE XI.
- ㉑ THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- ㉒ ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- ㉓ ALL SIDE ROAD, STOP SIGN MOUNTED STREET NAME SIGNS TO BE SALVAGED AND STORED AT THE DIRECTION OF THE PROJECT ENGINEER FOR DELIVERY TO THE CITY (NOT A SEPARATE PAY ITEM).
- ㉔ 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.

GENERAL NOTES (CONT.)

- ㉕ TEMPORARY STRIPING SHALL BE REQUIRED AFTER MILLING, 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 PERIOD NOT TO EXCEED THREE (3) DAYS FOR A TWO OR THREE LANE ROAD
 - (2) TEMPORARY EDGE LINES ON PROJECTS REQUIRING SHOULDERS CONSTRUCTED OF GRANULAR MATERIAL MAY BE DELAYED FOR A PERIOD NOT TO EXCEED THREE (3) DAYS.
- ㉖ 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.
- ㉗ 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.
- ㉘ ALL LOCAL ROADS SHALL BE PAVED TO THE R.O.W. LIMITS OR AS DIRECTED BY THE ENGINEER.
- ㉙ 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.
- ㉚ 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.
- ㉛ 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.
- ㉜ THE ASPHALT PAVING OPERATION SHALL BE COMPLETED IN THE FOLLOWING ORDER:
 - A: MILLING
 - B: PRE-LEVELING
 - C: SURFACE COURSE
- ㉝ THE CONTRACTOR SHALL COVER ANY TEMPORARY SIGNS IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

10/21/2021 8:01:31 AM 030 GN-1.DGN

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		PROJ. NO.: NHPP-0014-02(089) COUNTY: PIKE	
			
		WORKING NUMBER	
		GN-1	
		SHEET NUMBER	
		3	
REVISION	BY	FILE NAME: (03)GN-1.dgn	
DATE	DATE	DESIGN TEAM: DISTRICT 7 CHECKED: DATE	