

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH-0002-07(017)	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

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. NH-0002-07(017)

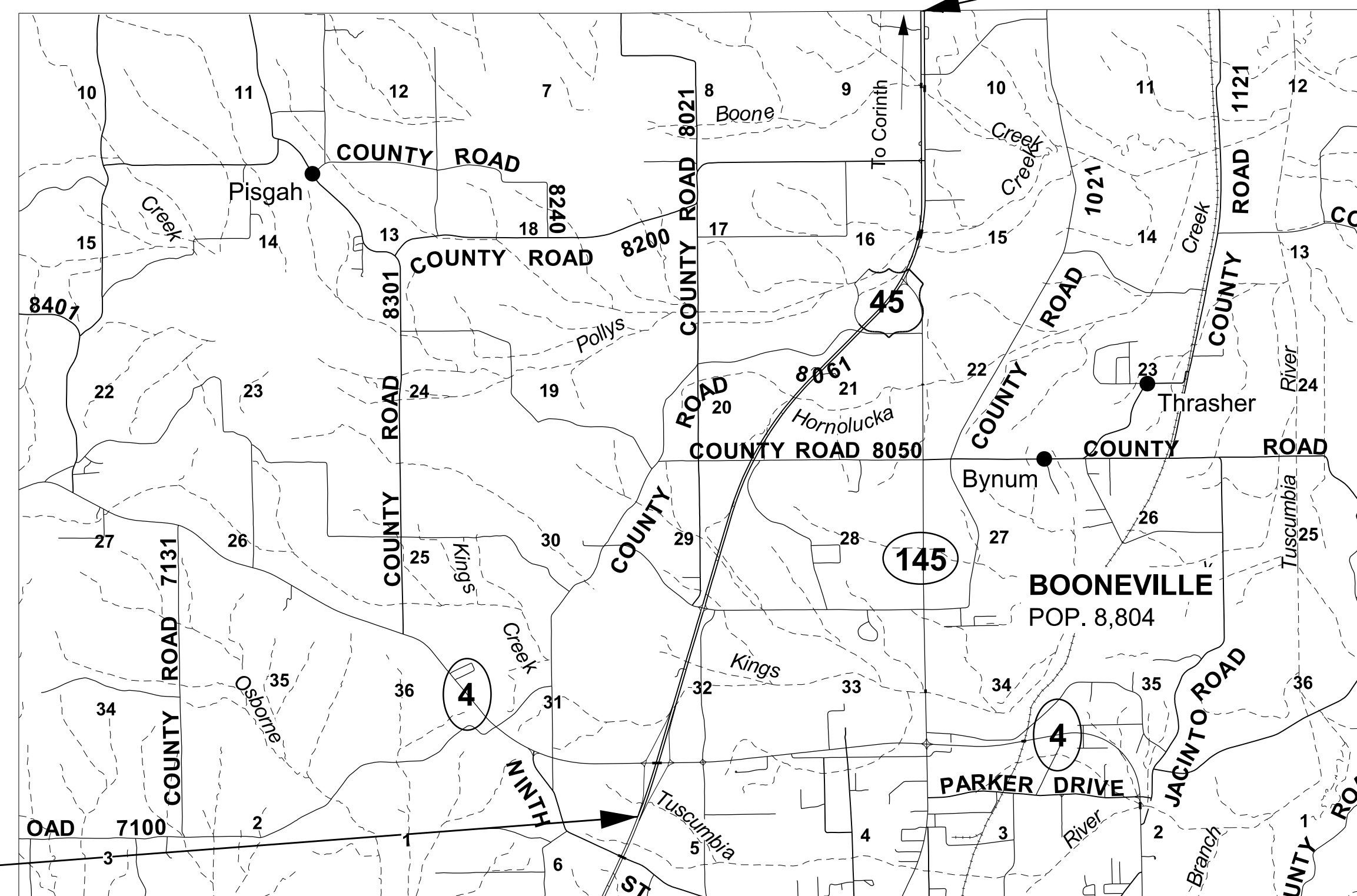
US 45 From SR 4 To Alcorn CL PRENTISS FMS CON. NO. 108194 / 301000

SCALES

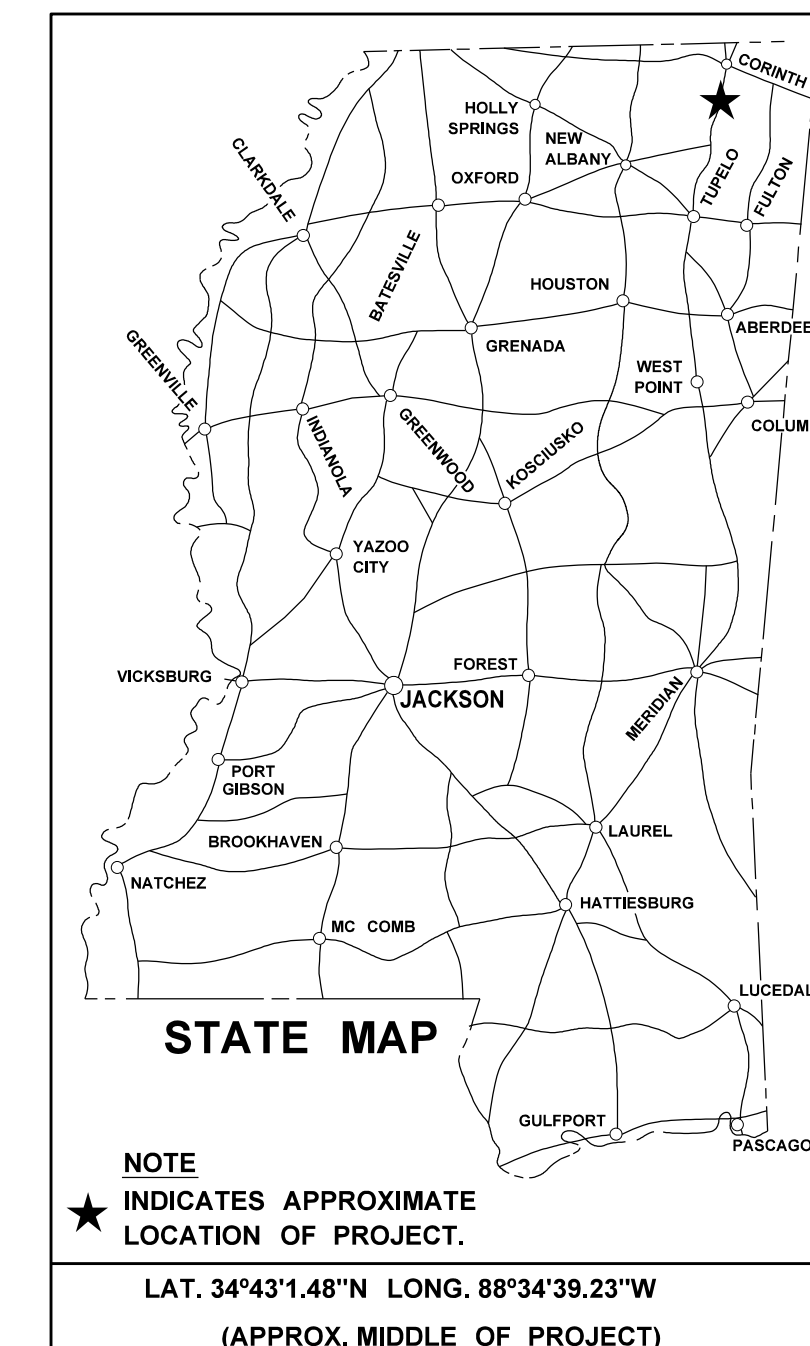
PLAN	1 IN. = 100 FT.
PROFILE {	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 100 FT.

END OF PROJECT STA. 811 + 70

ALCORN COUNTY



BEGINNING OF PROJECT STA. 485 + 50



DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT () = : ADT () =

DH = : D = % T = %

PERMITS ACQUIRED BY MDT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> N
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> N
GENERAL*	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> N
INDIVIDUAL (404)*	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> N
STORMWATER PERMIT <input checked="" type="checkbox"/> N		
Y	REQUIRED, CNOI SUBMITTED BY MDT (DISTURBED 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: _____		

CONVENTIONAL SYMBOLS

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

EQUATIONS

LENGTH DATA

LENGTH OF ROADWAY	32620	FT.	6.18	MI.
LENGTH OF BRIDGES	675	FT.	0.13	MI.
LENGTH OF PROJECT (NET)			6.05	MI.
LENGTH OF EXCEPTIONS		FT.	0.00	MI.
LENGTH OF PROJECT (GROSS)			6.18	MI.

EXCEPTIONS

P S & E DATE: 11/17/2020

APPROVED:	_____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	_____
EXECUTIVE DIRECTOR	_____



2/4/2021 9:31 AM HWY-45-Prentiss-DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0002-07(017)


DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET			1
DETAILED INDEX & GENERAL NOTES (1)			
DETAILED INDEX & GENERAL NOTES		DI-1	2
TYPICAL SECTION SHEETS (4)			
TYPICAL SECTION - MILL AND OVERLAY		TS-1	3
TYPICAL SECTION - MILL AND OVERLAY		TS-2	4
TYPICAL SECTION - CROSSOVERS		TS-3	5
TYPICAL SECTION - DIGOUTS		TS-4	6
QUANTITY SHEETS (4)			
SUMMARY OF QUANTITIES		SQ-1	7
SUMMARY OF QUANTITIES		SQ-2	8
ESTIMATED QUANTITIES - (GUARDRAIL)		EQ-1	9
ESTIMATED QUANTITIES - (SIGNS)		EQ-2	10
SPECIAL DESIGN SHEETS (8)			
DETAIL OF CONSTRUCTION SIGNING		DSC-1	11
DETAIL OF CONSTRUCTION SIGNING		DSC-2	12
DETAIL OF CONSTRUCTION SIGNING		DSC-3	13
RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT. OR WIDER ASPHALT SHOULDERS)		RS-1	14
RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT. OR WIDER ASPHALT SHOULDERS)		RS-2	15
SIGN SUPPORT HARDWARE (2.5" SQUARE POST)		TSS-1	16
SIGN SUPPORT HARDWARE (2.0" SQUARE POST)		TSS-2	17
TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS		SDXO-1	18
STANDARD DRAWINGS - ROADWAY SHEETS (23)			
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS		PM-1	6051
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL AND TAPER)		PM-3	6053
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL AND TAPER)		PM-4	6054
PAVEMENT MARKING LEGEND DETAILS		PM-6	6056
2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE)		PM-11	6061
2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4-LANE)		PM-12	6062
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS		GR-4	6214
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY		GR-4A	6215
STANDARD ROADSIDE SIGNS		SN-3	6303
STANDARD ROADSIDE SIGNS		SN-3A	6304
STANDARD ROADSIDE SIGNS		SN-3B	6305
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	6306
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	6307
TYPICAL CROSSOVER DELINEATION		SN-8B	6316
TYPICAL GUARDRAIL DELINEATION		SN-8C	6317
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP-2	6352
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATE AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE) (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
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS		TCP-10	6360
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-12	6362
LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)		TCP-15	6365
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-16	6366

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 BID ITEMS.
- (7) ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (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) ERECTION DATES ARE TO BE LEGIBLY WRITTEN IN BOLD, BLACK MARKINGS ON THE BACK OF ALL PERMANENT SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT, AND MARKS ON WET OR DRY SURFACES.
- (12) 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.
- (13) WHERE A PAPER JOINT IS REQUIRED, A TAPER SHALL BE PLACED AT (3) THREE HORIZONTAL FEET PER EACH (1) VERTICAL INCH.
- (14) GUARDRAIL PADS ARE TO BE CLEARED OF DEBRIS TO ALLOW PROPER DRAINAGE
- (15) CONTRACTOR SHALL COORDINATE WITH GUARDRAIL SUBCONTRACTOR TO DETERMINE THE GUARDRAIL REQUIREMENTS TO MEET MASH COMPLIANCE

2/4/2021 9:31 AM HWY 45 PRENTISS.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PS & E PLANS-DATE: 11/17/20		
FMS CON. # 108194/301000		
REVISIONS		
DATE	SHEET NO.	BY
2/4/2021	3, 4, 7, 8, 10	RCE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX & GENERAL NOTES	
	
PROJ. NO.: NH-0002-07(017) COUNTY: PRENTISS	
WORKING NUMBER DI-1	SHEET NUMBER 2
FILE NAME: hwy_45_prentiss.dgn DESIGN TEAM: R EDLIN CHECKED: _____ DATE: _____	REVISION DATE