

TITLE SHEET

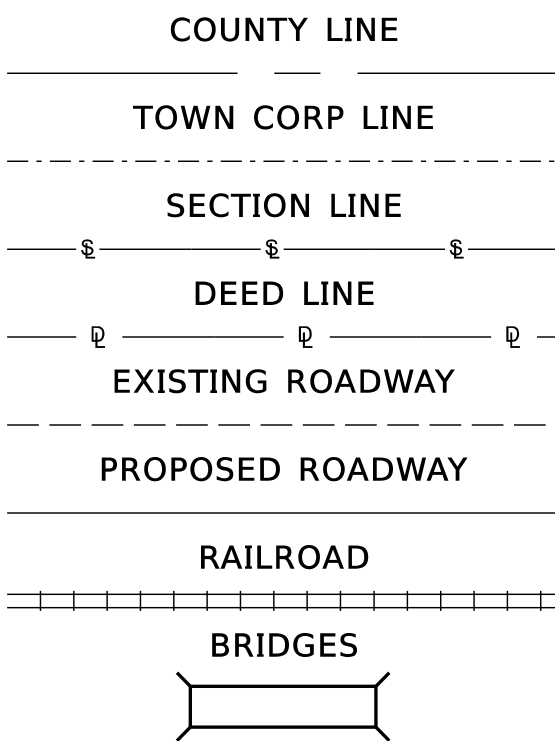
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GENERAL INDEX		
INCLUDED THIS PROJECT		BEGIN WITH SHEET
☒ ROADWAY.....	1	
☐ PERMANENT SIGNS.....	1001	
☐ TRAFFIC SIGNALS.....	2001	
☐ ITS COMPONENTS.....	3001	
☐ LIGHTING.....	4001	
☐ (RESERVED).....	5001	
☒ ROADWAY STD. DWGS.....	6001	
☐ BOX CULVERT STD. DWGS (LRFD).....	7001	
☐ BOX CULVERT STD. DWGS (STD. SPEC.)....	7501	
☒ BRIDGE.....	8001	
☐ CROSS SECTIONS.....	9001	

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE

CONVENTIONAL SYMBOLS



LENGTH DATA			
LENGTH OF ROADWAY	300	FT.	0.06 MI.
LENGTH OF BRIDGES	213	FT.	0.04 MI.
LENGTH OF PROJECT (NET)	513	FT.	0.10 MI.
LENGTH OF EXCEPTIONS		FT.	MI.
LENGTH OF PROJECT (GROSS)	513	FT.	0.10 MI.

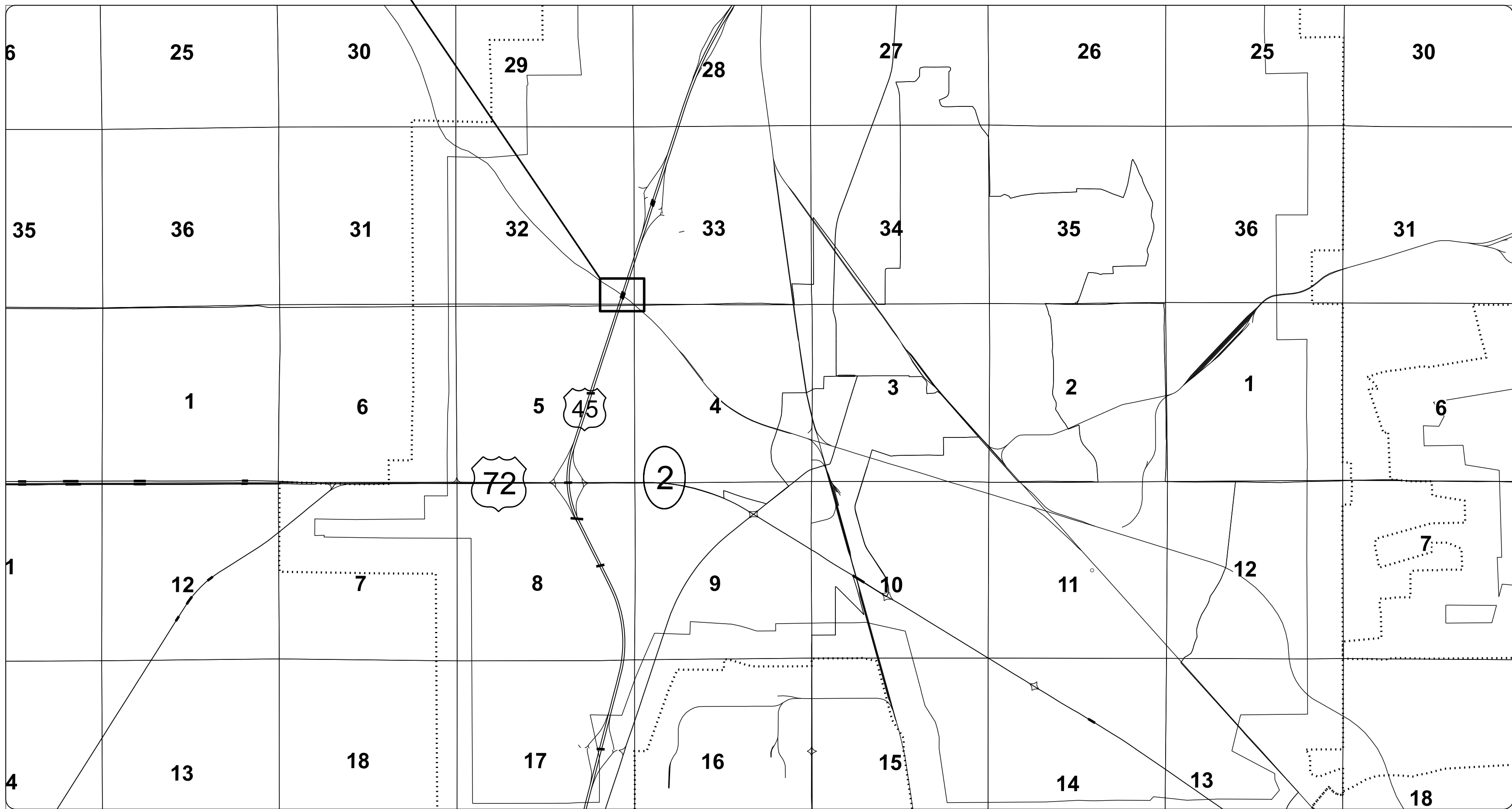
STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF
PROPOSED STATE HIGHWAY
FEDERAL AID PROJECT NO. NHPP-0002-08(027)

US 45 OVER NORFOLK SOUTHERN RR (BRIDGE #S 275.6A & 275.6B)

ALCORN COUNTY

PROJECT SITE



EQUATIONS

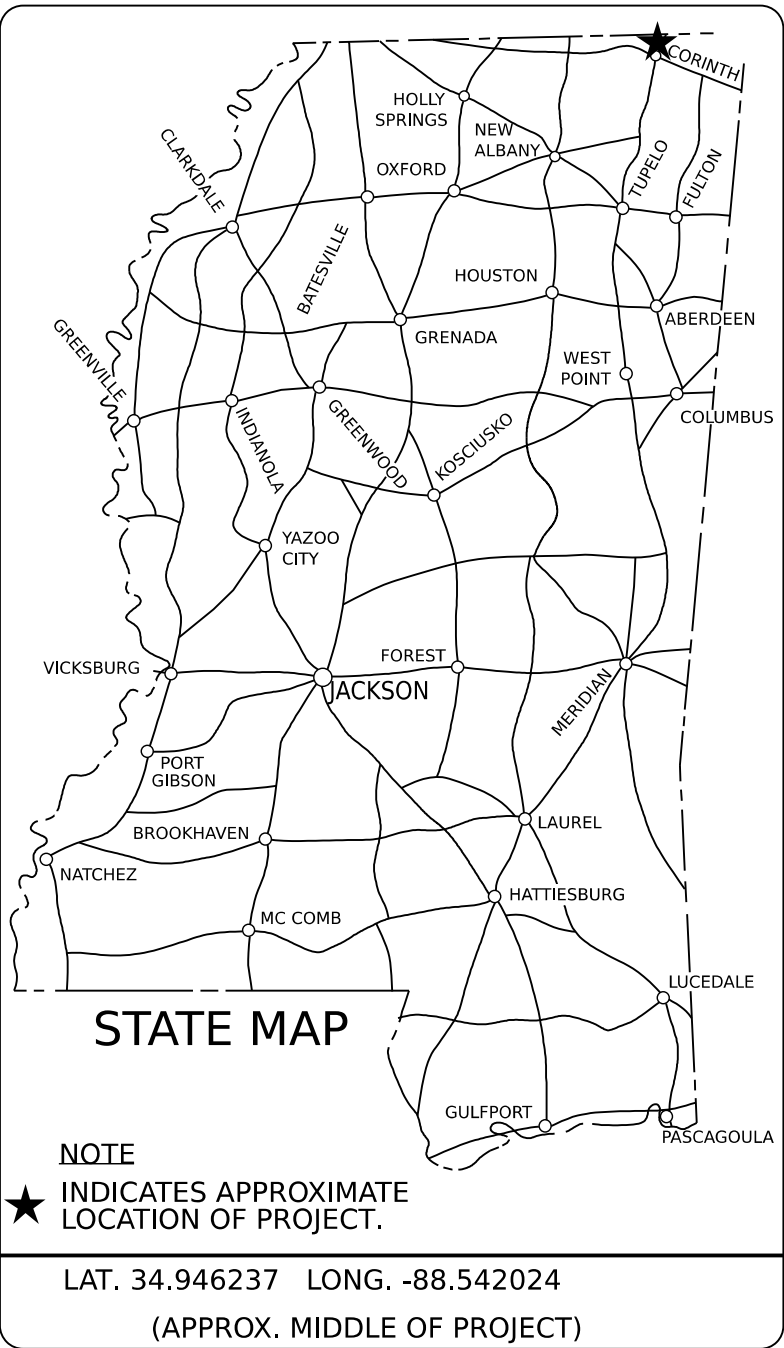
NONE

SCALES

PLAN 1 IN.= 50 FT.
PROFILE { HOR. 1 IN.= 100 FT.
VERT. 1 IN.= 10 FT.
LAYOUT 1 IN.= FT.

EXCEPTIONS

NONE



DESIGN CONTROL

__ MPH = V (SPEED DESIGN)

ADT (__) = __ : ADT (__) = __
DHV = __ : D = __ % T = __ %

PERMITS ACQUIRED
BY MDOT

WETLANDS AND WATERS PERMITS

	WATERS	WETLANDS
NATIONWIDE #14	☒	☒
NATIONWIDE (OTHER)*	☒	☒
GENERAL*	☒	☒
INDIVIDUAL (404)*	☒	☒

STORMWATER PERMIT ☒

Y REQUIRED, CNOI SUBMITTED BY MDOT
(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: _____

DESIGNED BY: MCCARTHY

CONSTRUCTION PROJECT DATA

EXTERNAL PROJECT NUMBER	NHPP-0002-08(027)
FMS & DETAIL	110037/301000

P S & E DATE: _____

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



DETAILED INDEX

DESCRIPTION OF SHEET	WK. NO.	SHEET NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (2)		
DETAILED INDEX	DI-1	2
SUMMARY OF REVISIONS	RVP-1	
GENERAL NOTES	GN-1	3
TYPICAL SECTION SHEETS (1)		
US-45 NB MILLING TRANSITION	TS-1	4
QUANTITY SHEETS (1)		
SUMMARY OF QUANTITIES	SQ-1	5
SPECIAL DESIGN SHEETS (29)		
DETAIL OF CONSTRUCTION SIGNING - US 45 BR. NO. 275.6A & 275.6B	DCS-1	6
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TRAFFIC CONTROL PLAN - US 45 NB OUTSIDE LANE CLOSURE	TC-2	8
TRAFFIC CONTROL PLAN - US 45 NB OUTSIDE LANE CLOSURE	TC-3	9
TRAFFIC CONTROL PLAN - US 45 NB OUTSIDE LANE CLOSURE	TC-4	10
TRAFFIC CONTROL PLAN - US 45 NB OUTSIDE LANE CLOSURE	TC-5	11
TRAFFIC CONTROL PLAN - US 45 NB OUTSIDE LANE CLOSURE	TC-6	12
TRAFFIC CONTROL PLAN - US 45 NB INSIDE LANE CLOSURE	TC-7	13
TRAFFIC CONTROL PLAN - US 45 NB INSIDE LANE CLOSURE	TC-8	14
TRAFFIC CONTROL PLAN - US 45 NB INSIDE LANE CLOSURE	TC-9	15
TRAFFIC CONTROL PLAN - US 45 NB INSIDE LANE CLOSURE	TC-10	16
TRAFFIC CONTROL PLAN - US 45 NB INSIDE LANE CLOSURE	TC-11	17
TRAFFIC CONTROL PLAN - US 45 NB INSIDE LANE CLOSURE	TC-12	18
TRAFFIC CONTROL PLAN - US 45 SB OUTSIDE LANE CLOSURE	TC-13	19
TRAFFIC CONTROL PLAN - US 45 SB OUTSIDE LANE CLOSURE	TC-14	20
TRAFFIC CONTROL PLAN - US 45 SB OUTSIDE LANE CLOSURE	TC-15	21
TRAFFIC CONTROL PLAN - US 45 SB OUTSIDE LANE CLOSURE	TC-16	22
TRAFFIC CONTROL PLAN - US 45 SB OUTSIDE LANE CLOSURE	TC-17	23
TRAFFIC CONTROL PLAN - US 45 SB OUTSIDE LANE CLOSURE	TC-18	24
TRAFFIC CONTROL PLAN - US 45 SB OUTSIDE LANE CLOSURE	TC-19	25
TRAFFIC CONTROL PLAN - US 45 SB INSIDE LANE CLOSURE	TC-20	26
TRAFFIC CONTROL PLAN - US 45 SB INSIDE LANE CLOSURE	TC-21	27
TRAFFIC CONTROL PLAN - US 45 SB INSIDE LANE CLOSURE	TC-22	28
TRAFFIC CONTROL PLAN - US 45 SB INSIDE LANE CLOSURE	TC-23	29
TRAFFIC CONTROL PLAN - US 45 SB INSIDE LANE CLOSURE	TC-24	30
TRAFFIC CONTROL PLAN - US 45 SB INSIDE LANE CLOSURE	TC-25	31
GUARD RAIL POST INSTALLATION IN PAVED AREAS	SDGR-PI	32
BRIDGE-GUARD RAIL CONNECTOR	BGRC-1	33
GUARD RAIL BRIDGE END SECTION TYPE "A-MODIFIED"	GR-AE	34

WK. NO. SHEET NO.

DESCRIPTION OF SHEET

STANDARD DRAWINGS (18)
PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED
GUARDRAIL: "W" BEAM (STEEL POSTS)
GUARDRAIL: BRIDGE END SECTIONS TYPE "A" & "C"
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR
DIVIDED HIGHWAYS
GUARDRAIL: RUB RAIL HARDWARE
GUARDRAIL: MISCELLANEOUS HARDWARE
CONCRETE MEDIAN BARRIER (PRECAST) (32")
TYPICAL GUARDRAIL DELINEATION
SIGNING DETAILS FOR BRIDGE APPROACHES
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH
(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE
OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH
(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE
OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)
SHORT DURATION CLOSING OF DIVIDED HIGHWAYS
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION
PROJECTS
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND
TWO-LANE ROADS
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE
DIVIDED HIGHWAYS
LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER
CLOSURE

TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) (52)

WK. NO. SHEET NO.

PM-1	6051
GR-1B	6203
GR-2	6204
GR-4	6214
GR-RR	6218
GR-HW	6221
CMB-3	6226
SN-8C	6317
SN-9	6318
TCP-4	6354
TCP-5	6355
TCP-7	6357
TCP-8	6358
TCP-9	6359
TCP-10	6360
TCP-13	6363
TCP-15	6365
TCP-16	6366

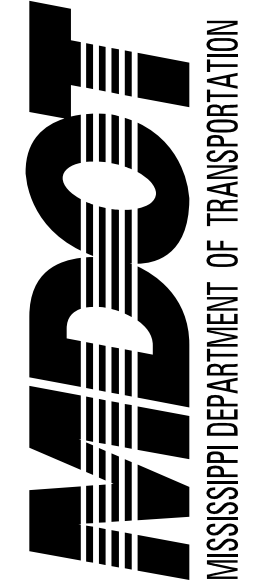


DESIGNED BY: MCCARTHY	FMS CON: 110037/301000
DETAILED BY:	PROJECT NO.: NHPP-0002-08(027)
CHECKED BY:	COUNTY: ALCORN
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DETAILED INDEX

SHEET ID
DI-1

SHEET NO.
2



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BRIDGES AND WALLS

- (1) THE BRIDGE DECKS SHALL BE TINE FINISHED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (2) 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.

DRAINAGE STRUCTURES

- (3) 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.

PAVEMENT, BASE, AND SHOULDERS

- (4) THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PAVED OR UNPAVED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF **THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION**. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.
- (5) 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.

PLANS

- (6) 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.
- (7) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.

ROADSIDE BARRIERS

- (8) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

GENERAL NOTES

TRAFFIC CONTROL - PERMANENT

- (9) 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.

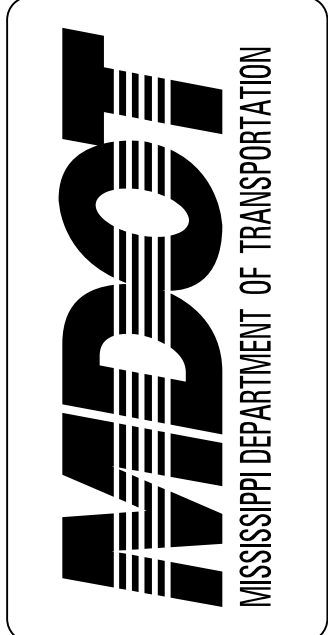
TRAFFIC CONTROL - TEMPORARY

- (10) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- (11) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE **MUTCD** (LATEST EDITION).
- (12) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- (13) 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.
- (14) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- (15) THE CONTRACTOR SHALL COVER OR REMOVE ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (16) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (17) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

MISCELLANEOUS

- (18) SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
- (19) RAILROAD CROSSING IMPROVEMENTS WILL BE CONSTRUCTED BY OTHERS, POSSIBLY AT THE SAME TIME AS ROADWAY CONSTRUCTION. CONTRACTOR IS REQUIRED TO COORDINATE CONSTRUCTION ACTIVITIES.
- (20) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.

NOTICE: THE NOTES CONTAINED HEREON ARE SPECIFIC TO THE SUBJECT PROJECT AND SHOULD BE REVIEWED IN DETAIL BY THE CONTRACTOR, PER SECTION 102.05 OF THE STANDARD SPECIFICATIONS, "THE BIDDER IS REQUIRED TO EXAMINE CAREFULLY THE SITE OF THE PROPOSED WORK, THE PROPOSAL, PLANS, STANDARDS SPECIFICATIONS, SPECIAL PROVISIONS, NOTICES TO BIDDERS AND CONTRACT FORMS BEFORE SUBMITTING A PROPOSAL.



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