

1st O.REV.

**GENERAL INDEX**

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY .....	1
<input checked="" 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 checked="" type="checkbox"/> STRUCTURES .....	8001
<input type="checkbox"/> CROSS SECTIONS .....	9001

**BRIDGE STRUCTURES REQ'D. (EXISTING)**

(E) RAMP G6 / I-20 & U.S. 49 (BRIDGE NO. 30)  
 STA. 1044 + 67.8503 TO STA. 1064 + 27.7253  
 1@544' (120, 152, 152, 120); 1@544' (173, 198, 173);  
 1@520' (130, 130, 130, 130); 3@90'; 1@79'  
 LENGTH 1,959.88'

**BOX BRIDGES REQ'D.**  
 NONE

**STATE OF MISSISSIPPI**

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY**

**FEDERAL AID PROJECT NO. NHPP-0008-03(057)**

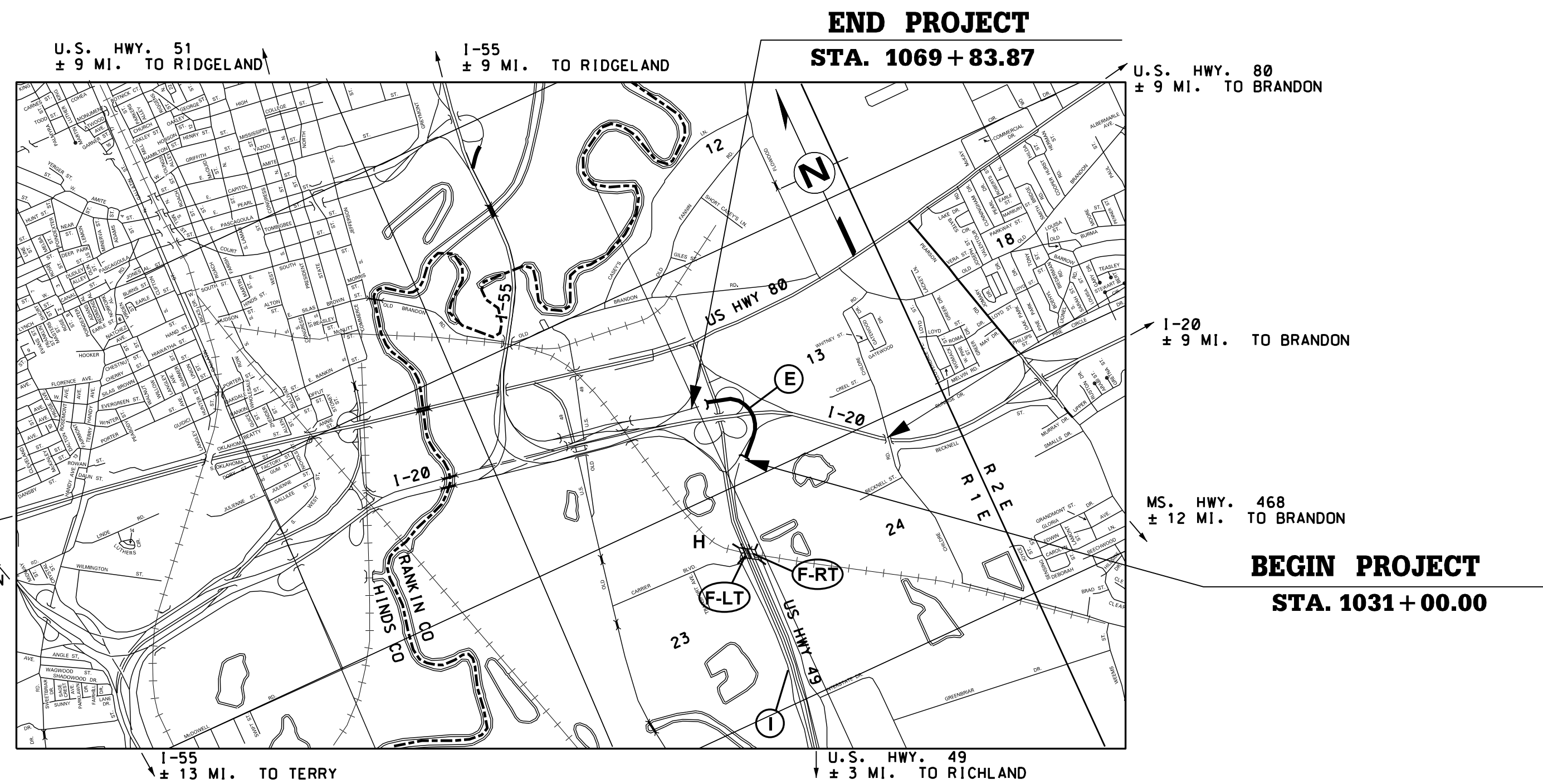
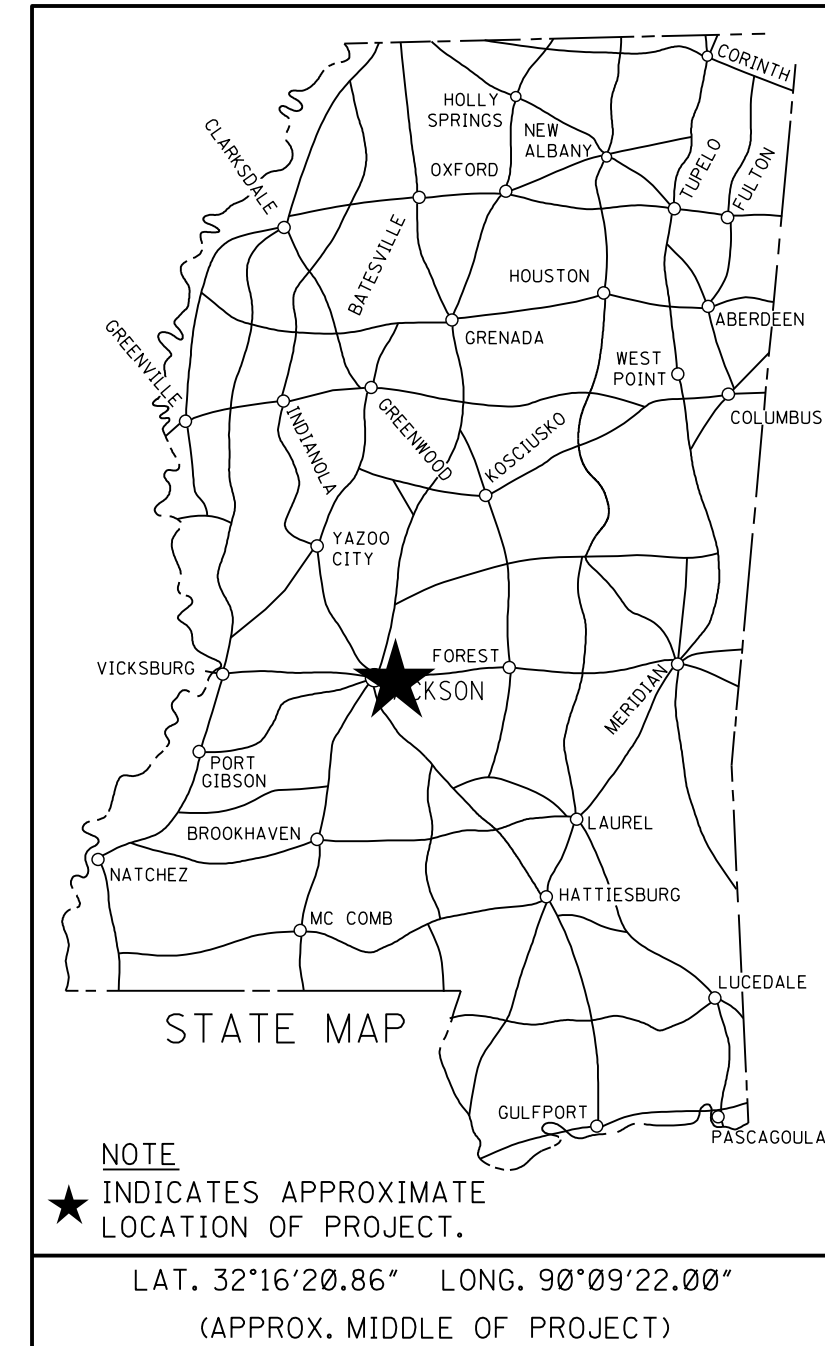
**US 49 NORTH TO I-20 WEST FLYOVER RAIL REPLACEMENT RANKIN COUNTY**

FMS. CONST. NO. 108137/301000

**SCALES**

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

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NHPP-0008-03(057)	1



DESIGN CONTROL		
40 MPH = V (SPEED DESIGN)		
ADT ( ) = : ADT ( ) =		
DHV = : D = % T = %		
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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
N	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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**

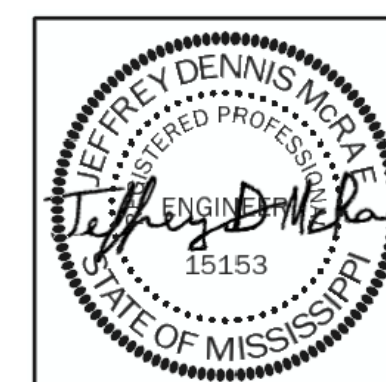
NONE

**EXCEPTIONS**

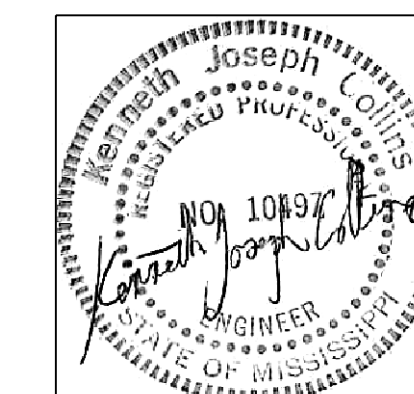
NONE

**LENGTH DATA**

LENGTH OF ROADWAY	1924.90 FT.	0.37 MI.
LENGTH OF BRIDGES	1958.88 FT.	0.37 MI.
LENGTH OF PROJECT (NET)	3883.87	0.74 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)	3883.87	0.74 MI.



Date: 10/05/20  
 (BRIDGE ONLY)



Date: 12/15/2020

P S & E DATE: 10/05/20	
APPROVED:	
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	
EXECUTIVE DIRECTOR	

12/15/2020 9:18 AM TLE: DGN

STATE	PROJECT NO.
MISS.	NHPP-0008-03(057)

**DESCRIPTION OF SHEET**

WK. SH.  
SH. NO.

TITLE SHEET ( 1 )		1
<b>DETAILED INDEX AND GENERAL NOTE SHEETS ( 4 )</b>		
DETAILED INDEX - ROADWAY	DI-1	2
DETAILED INDEX - ROADWAY	DI-2	3
GENERAL NOTES	GN-1	4
GENERAL NOTES	GN-2	5
<b>TYPICAL SECTION SHEETS ( 1 )</b>		
TYPICAL SECTION	TS-1	6
<b>SUMMARY OF QUANTITY SHEETS ( 2 )</b>		
SUMMARY OF QUANTITIES	SQ-1	7
SUMMARY OF QUANTITIES	SQ-2	8
<b>ESTIMATED QUANTITY SHEETS ( 5 )</b>		
ESTIMATED QUANTITY - PAVEMENT MARKING	EQ-1	9
ESTIMATED QUANTITY - TRAFFIC CONTROL	EQ-2	10
ESTIMATED QUANTITY - CONSTRUCTION SIGNING	EQ-3	11
ESTIMATED QUANTITY - STANDARD ROADSIDE SIGN QUANTITIES	EQ-4	12
ESTIMATED QUANTITY - STANDARD ROADSIDE SIGN QUANTITIES	EQ-5	13
<b>PLAN &amp; PROFILE SHEETS ( 1 )</b>		
US 49 NORTH TO I-20 WEST - STA. 1031+00.00 TO STA. 1069+83.87	3	14
<b>SPECIAL DESIGN SHEETS ( 31 )</b>		
<b>PAVEMENT MARKING SHEETS ( 3 )</b>		
PAVEMENT MARKING DETAILS - B.O.P. TO STA. 1046+00	PMD-1	15
PAVEMENT MARKING DETAILS - STA. 1046+00 TO STA. 1061+00	PMD-2	16
PAVEMENT MARKING DETAILS - STA. 1061+00 TO STA. 1072+00	PMD-3	17
<b>CONSTRUCTION SIGNING SHEETS ( 3 )</b>		
CONSTRUCTION SIGNING	CS-1	18
CONSTRUCTION SIGNING	CS-2	19
CONSTRUCTION SIGNING	CS-3	20
<b>TRAFFIC CONTROL SHEETS ( 20 )</b>		
TRAFFIC CONTROL - PHASE 1-3	TCP-1	21
TRAFFIC CONTROL - PHASE 1-3	TCP-2	22
TRAFFIC CONTROL - PHASE 1-3	TCP-3	23
TRAFFIC CONTROL - PHASE 1-3	TCP-4	24
TRAFFIC CONTROL - PHASE 1-3	TCP-5	25
TRAFFIC CONTROL - PHASE 1-3	TCP-6	26
TRAFFIC CONTROL - PHASE 1	TCP-7	27
TRAFFIC CONTROL - PHASE 1	TCP-8	28
TRAFFIC CONTROL - PHASE 1	TCP-9	29
TRAFFIC CONTROL - PHASE 1	TCP-10	30
TRAFFIC CONTROL - PHASE 2	TCP-11	31
TRAFFIC CONTROL - PHASE 2	TCP-12	32
TRAFFIC CONTROL - PHASE 2	TCP-13	33
TRAFFIC CONTROL - PHASE 2	TCP-14	34

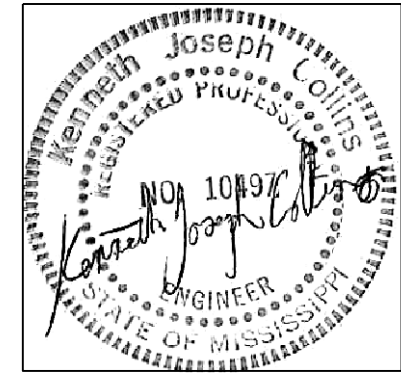
**DESCRIPTION OF SHEET**

WK. SH.  
SH. NO.

TRAFFIC CONTROL - PHASE 2	TCP-15	35
TRAFFIC CONTROL - PHASE 2	TCP-16	36
TRAFFIC CONTROL - PHASE 3	TCP-17	37
TRAFFIC CONTROL - PHASE 3	TCP-18	38
TRAFFIC CONTROL - PHASE 3	TCP-19	39
TRAFFIC CONTROL - PHASE 3	TCP-20	40
<b>MISCELLANEOUS - SHEETS ( 3 )</b>		
SURVEY CONTROL DATA SHEET	SC-1	41
VEGETATION SCHEDULE	VS-1	42
ELECTRICAL PLAN SHEET	ELECT-1	43
<b>PERMANENT SIGNING PLANS ( 2 )</b>		
PERMANENT SIGNING PLANS	PSP-1	1001
PERMANENT SIGNING PLANS	PSP-2	1002

12/15/2020 9:14 AM DI-1.DGN

PS & E PLANS - 10/05/20		
FMS CON. #108137/301000		
REVISIONS		
DATE	SHEET NO.	BY
12/15/20	1, 7, 8, 13	KJC



Date: 12/15/2020

REVISION	DATE	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>DETAILED INDEX</b>  US 49 NORTH TO I-20 WEST FLYOVER RAIL REPLACEMENT  PROJ. NO.: NHPP-0008-03(057) COUNTY: RANKINN  FILENAME: DI-1.dgn DESIGN TEAM Michael Baker Intl. CHECKED RJS DATE 2020	 WORKING NUMBER <b>DI-1</b> SHEET NUMBER <b>2</b>

STATE	PROJECT NO.
MISS.	NHPP-0008-03(057)

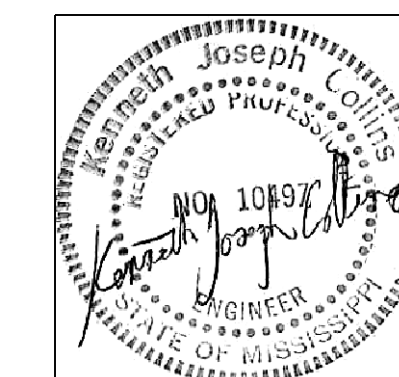
**DESCRIPTION OF SHEET**

**STANDARD DRAWINGS ( 17 )**

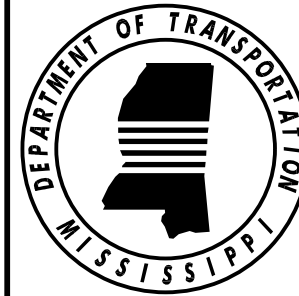
DESCRIPTION	WK. SH.	SH. NO.
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED ROADWAYS	PM-1	6051
DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5	6105
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
CONCRETE MEDIAN BARRIER (PRECAST) (32")	CMB-3	6226
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	6306
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6307
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	6308
BREAKAWAY SIGN SUPPORTS	SN-6A	6311
BREAKAWAY SIGN SUPPORTS	SN-6B	6312
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)	TCP-5	6355
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMP	TCP-10	6360
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)	TCP-15	6365
TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6366

TOTAL SHEETS = 62

10/5/2020 11:45 AM DI -2.DGN



Date: 10/5/2020

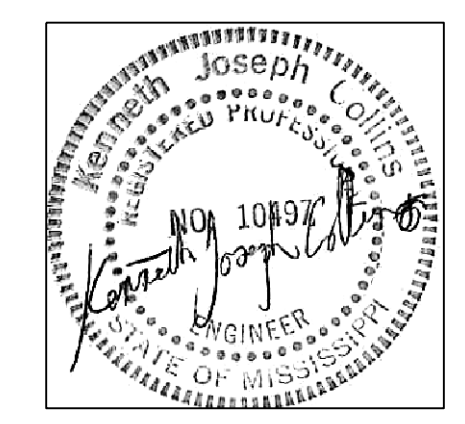
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
<b>DETAILED INDEX</b>		
US 49 NORTH TO I-20 WEST FLYOVER RAIL REPLACEMENT		WORKING NUMBER
PROJ. NO.: NHP-0008-03(057) COUNTY: RANKINN		<b>DI-2</b>
DATE	FILENAME: DI-1.dgn	SHEET NUMBER
DESIGN TEAM	Michael Baker Intl. CHECKED RJS DATE 2020	<b>3</b>

STATE	PROJECT NO.
MISS.	NHPP-0008-03(057)

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) VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF **THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION**, THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
- (6) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (7) 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.
- (8) 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.
- (9) 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.
- (10) 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.
- (11) THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U. S. DURING CONSTRUCTION.
- (12) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (13) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (14) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (15) IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY, REGARDLESS OF COLOR.
- (16) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS.
- (17) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO [WWW.MDOT.MS.GOV](http://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.
- (18) 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.
- (19) 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.
- (20) 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.
- (21) EXISTING SPECIFIC SERVICE (LOGO) SIGNS ARE TO REMAIN IN PLACE UNLESS NOTED IN THE PLANS OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. LOGO SIGNS THAT REQUIRE RELOCATION OR REMOVAL WILL BE DONE SO BY MISSISSIPPI LOGOS, INC. (601-853-7100).
- (22) MISSISSIPPI LOGOS SHALL BE NOTIFIED IF THERE ARE ANY CHANGES TO AN INTERCHANGE RAMP DESIGNATION OR CONFIGURATION.

10/5/2020 11:46 AM GN-1.dgn



Date: 10/5/2020

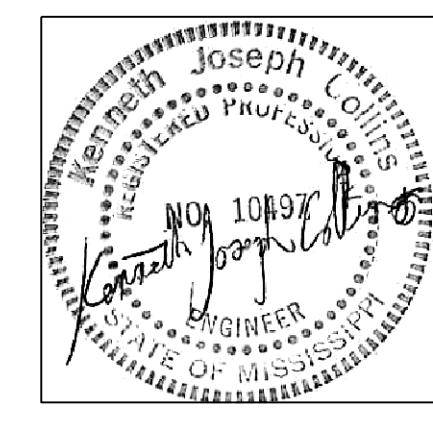
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
<b>GENERAL NOTES</b>		
US 49 NORTH TO I-20 WEST FLYOVER RAIL REPLACEMENT		WORKING NUMBER <b>GN-1</b>
PROJ. NO.: NHPP-0008-03(057) COUNTY: RANKIN		SHEET NUMBER <b>4</b>
REVISION	BY	DATE
FILENAME: GN-1.dgn		
DESIGN TEAM Michael Baker Intl. CHECKED RJS		DATE 2020

GENERAL NOTES

STATE	PROJECT NO.
MISS.	NHPP-0008-03(057)

- (23) 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.
- (24) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (25) 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.
- (26) SEE NOTICE TO BIDDERS FOR LANE CLOSURE RESTRICTIONS.
- (27) GRASSING TO BE USED AS DIRECTED BY THE ENGINEER AND SHALL BE ABSORBED.

10/5/2020 11:46 AM GN-2.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



Date: 10/5/2020

REVISION	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		<b>GENERAL NOTES</b>	
DATE		US 49 NORTH TO I-20 WEST	
		FLYOVER RAIL REPLACEMENT	
		PROJ. NO.: NHPP-0008-03(057)	
		COUNTY: RANKIN	
		FILENAME: GN-1.dgn	WORKING NUMBER
		DESIGN TEAM Michael Baker Intl. CHECKED RJS DATE 2020	<b>GN-2</b>
			SHEET NUMBER
			<b>5</b>

