

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NHPP-0006-01(097)	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 checked="" 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. NHPP-0006-01(097)

**BRIDGE PRESERVATION ALONG I-22
BR.# 6.8A, 6.8B, 9.5B, 10.4, 27.1A, 27.1B, 31.2A, & 31.2B
DESOTO & MARSHALL COUNTIES**

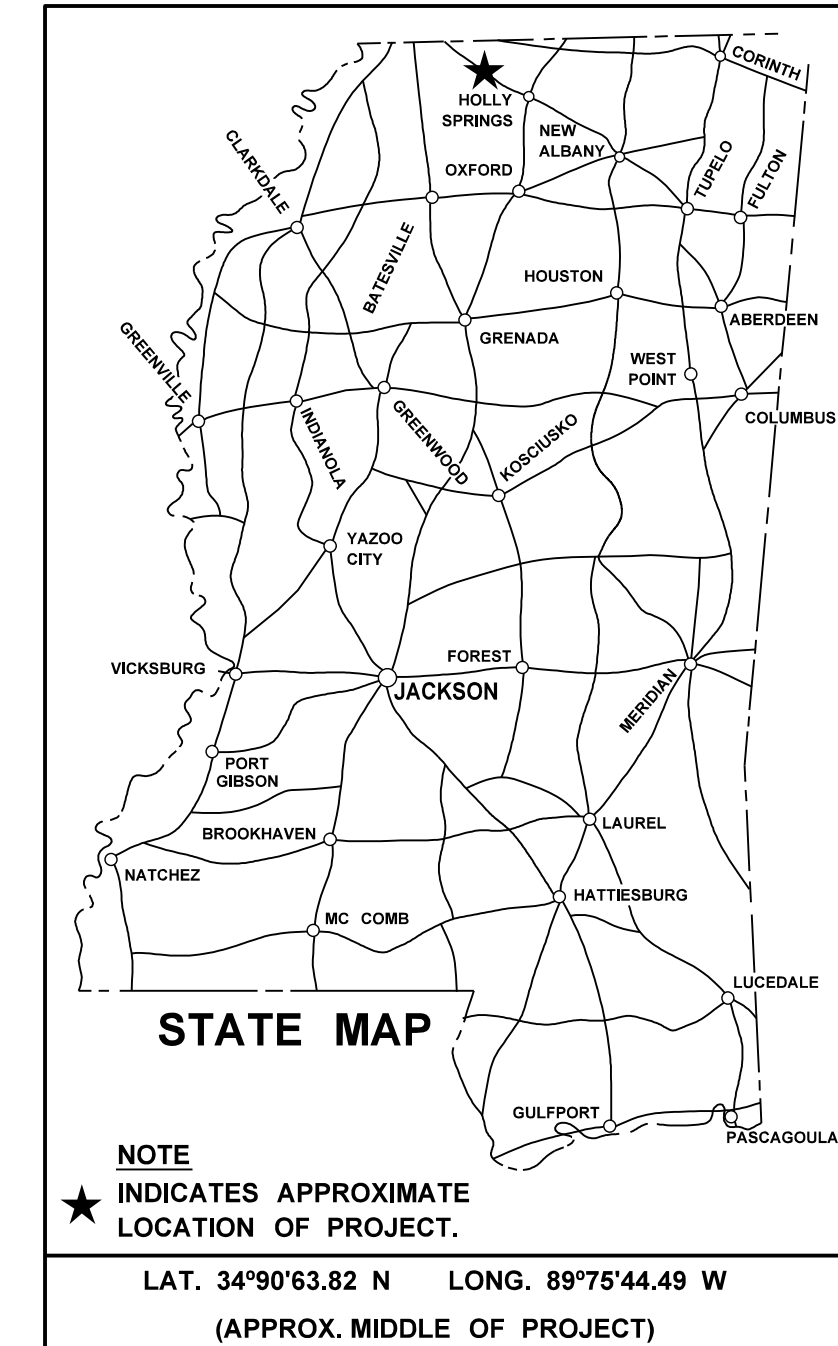
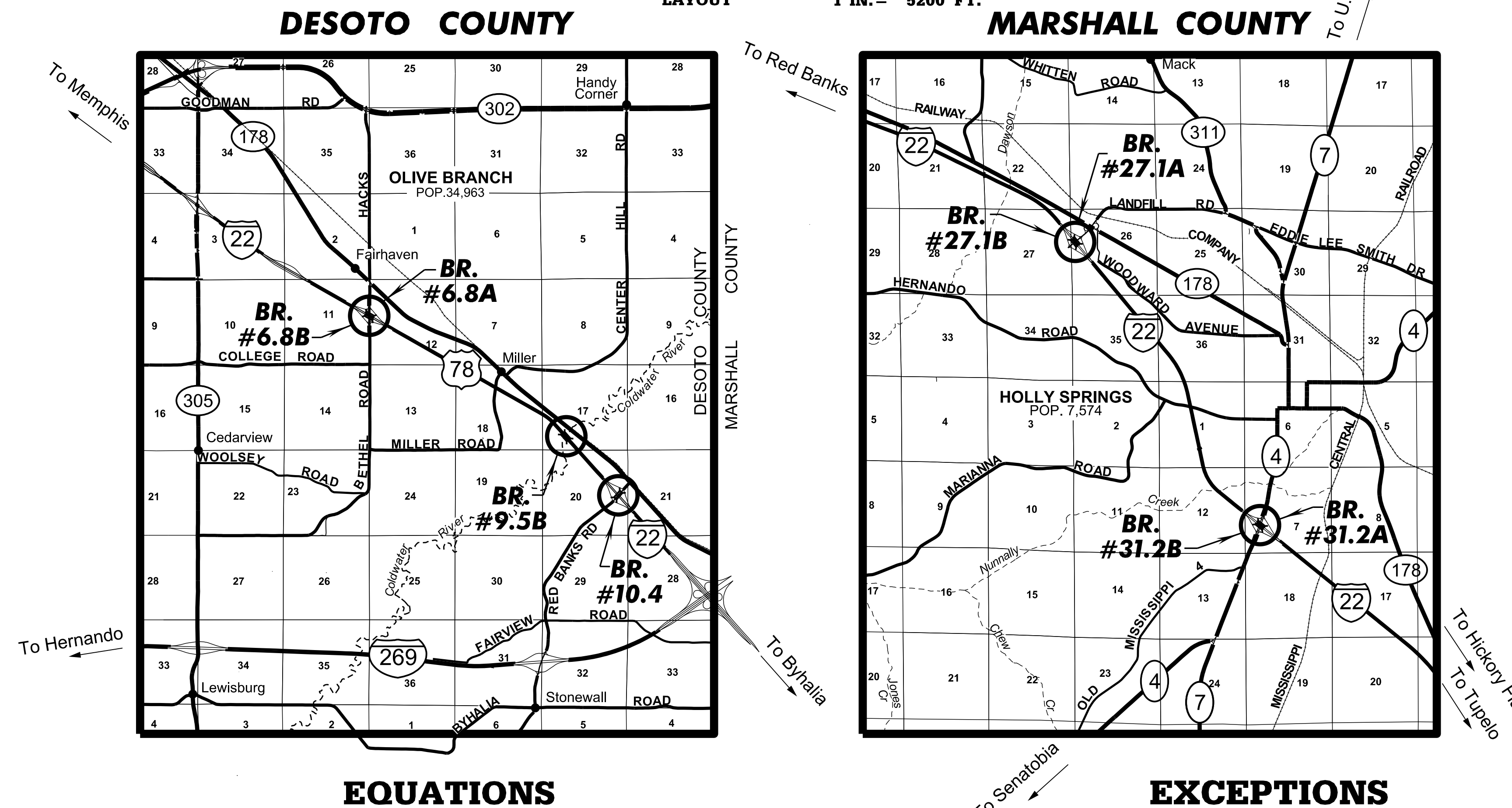
FMS CON. NO. 107903 / 301000
107903 / 302000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 5200 FT.

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.



DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT () = : ADT () =

DHV = : D = % T = %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N
STORMWATER PERMIT N		
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: _____		

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	FT.	MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)	FT.	MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)	FT.	MI.

EXCEPTIONS

P S & E DATE:

APPROVED:
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR



1.2/19/2019 3:02 PM TITLE.DGN

STATE	PROJECT NO.
MISS.	NHPP-0006-01(097)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)			1
DETAILED INDEX & GENERAL NOTES (2)			
DETAILED INDEX	DI-1		2
GENERAL NOTES	GN-1		3
TYPICAL SECTION (1)			
TYPICAL SECTION - SAWCUT DETAIL AND MILLING & OVERLAY	TS-1		4
QUANTITY SHEETS (11)			
SUMMARY OF QUANTITIES - DESOTO COUNTY	SQ-1		5
SUMMARY OF QUANTITIES - DESOTO COUNTY	SQ-2		6
SUMMARY OF QUANTITIES - MARSHALL COUNTY	SQ-3		7
SUMMARY OF QUANTITIES - MARSHALL COUNTY	SQ-4		8
SUMMARY OF QUANTITIES - DESOTO & MARSHALL COUNTIES	SQ-5		9
SUMMARY OF QUANTITIES - DESOTO & MARSHALL COUNTIES	SQ-6		10
ESTIMATED QUANTITIES - REMOVAL ITEMS, AND SUMMARY OF PAVEMENT MARKINGS	EQ-1		11
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT, AND GUARD RAIL	EQ-2		12
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-3		13
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS - DESOTO COUNTY	EQ-4		14
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS - MARSHALL COUNTY	EQ-5		15
SPECIAL DESIGN SHEETS (12)			
DETAIL CONSTRUCTION SIGNING - (DESOTO COUNTY)	DCS-1		16
DETAIL CONSTRUCTION SIGNING - (MARSHALL COUNTY)	DCS-2		17
TRAFFIC CONTROL PLAN - PHASE I - I-22 BR. # 6.8A & 6.8B	TC-1		18
TRAFFIC CONTROL PLAN - PHASE I - I-22 BR. # 27.1A & 27.1B	TC-2		19
TRAFFIC CONTROL PLAN - PHASE I - I-22 BR. # 31.2A & 31.2B	TC-3		20
TRAFFIC CONTROL PLAN - PHASE II - I-22 BR. # 6.8A & 6.8B	TC-4		21
TRAFFIC CONTROL PLAN - PHASE II - I-22 BR. # 27.1A & 27.1B	TC-5		22
TRAFFIC CONTROL PLAN - PHASE II - I-22 BR. # 31.2A & 31.2B	TC-6		23
TRAFFIC CONTROL PLAN - RED BANKS RD. BR. # 10.4	TC-7		24
MODIFIED BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	SDBE-1		25
BRIDGE END PAVEMENT WITH OVERLAY, AND SLEEPER SLAB	SDBE-2		26
LANE CLOSURE DETAILS FOR GREATER THAN 3 INCH DROPOFF	SDTCP-C		27
STANDARD DRAWINGS - ROADWAY SHEETS (23)			
BRIDGE END PAVEMENT WITH RAIL (33.5' RAIL HEIGHT)	BER-1		6009
PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	PM-1		6051
GUARDRAIL: "W" BEAM (WOOD POSTS)	GR-1		6201
GUARDRAIL: THRIE BEAM (WOOD POSTS)	GR-1A		6202
GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B		6203
GUARDRAIL: BRIDGE END SECTION-TYPE I (WOOD POSTS) (NEW CONSTRUCTION)	GR-2F		6210
GUARDRAIL: BRIDGE END SECTION-TYPE I (STEEL POSTS) (NEW CONSTRUCTION)	GR-2G		6211
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR-4		6214
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS	GR-4A		6215
GUARDRAIL: RUB RAIL HARDWARE	GR-RR		6218
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW		6221
CONCRETE MEDIAN BARRIER (PRECAST) (32")	CMB-3		6226
TYPICAL GUARDRAIL DELINEATION	SN-8C		6317
SIGNING DETAILS FOR BRIDGE APPROACHES	SN-9		6318


DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1		6351
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)	TCP-4		6354
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
TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)	TCP-11		6361
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
SPECIAL DESIGN SHEETS - BRIDGE (SEE BRIDGE DETAILED INDEX, SHEET 8001) (21)			8001-8021
TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) (50)			

12/19/2019 3:36 PM DI.DGN

SMITH		
PS & E PLANS-DATE.....		
FMS CON. # 107903/301000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
	
PROJ. NO.: NHPP-0006-01(097) COUNTY: DESOTO & MARSHALL	
WORKING NUMBER	DI-1
SHEET NUMBER	2
FILENAME: DI.dgn DESIGN TEAM SMITH CHECKED DATE	REVISION BY DATE

STATE	PROJECT NO.
MISS.	NHPP-0006-01(097)


GENERAL NOTES

- (1) SPECIFICATIONS: MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2017.
- (2) NO CHANGE OF PLANS WILL BE PERMITTED EXCEPT BY WRITTEN APPROVAL OF THE DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER.
- (3) MINOR CHANGES IN DETAIL OF DESIGN OR CONSTRUCTION PROCEDURE MAY BE AUTHORIZED BY THE DIRECTOR OF STRUCTURES, PROVIDED SUCH CHANGES WILL NOT BE CAUSE FOR CONTRACT PRICE ADJUSTMENT.
- (4) WORK FOR WHICH NO PAY ITEM IS PROVIDED WILL NOT BE PAID FOR DIRECTLY AND SHALL, THEREFORE, BE CONSIDERED AN ABSORBED ITEM OF WORK.
- (5) ANY DAMAGE THAT OCCURS TO THE EXISTING STRUCTURE OR THE REINFORCEMENT TO REMAIN IN PLACE DURING THE DURATION OF THE PROJECT SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
- (6) AFTER HYDRODEMOLITION, ALL EXISTING CONCRETE SURFACES THAT WILL BE IN CONTACT WITH NEW CONCRETE SHALL BE PAINTED WITH A CEMENT SLURRY DESIGNED TO BOND NEW CONCRETE TO OLD.
- (7) CONCRETE FOR THE SLAB SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION 907-804-0001. THE MIXTURE DESIGN SHALL BE FURNISHED BY THE CONTRACTOR FOR APPROVAL BY THE MATERIALS DIVISION.
- (8) ALL DETAILS ARE BASED ON THE DIMENSIONS SHOWN ON THE ORIGINAL PLANS FOR THE EXISTING STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE ELEMENTS OF THE NEW CONSTRUCTION TO ENSURE A PROPER FIT WITH THE EXISTING STRUCTURE.
- (9) ALL WORK FOR STAGE I SHALL BE COMPLETED BEFORE WORK ON STAGE II BEGINS.
- (10) DURING CONSTRUCTION, CARE SHALL BE EXERCISED TO ENSURE THAT NO DEBRIS FALLS INTO THE ROADWAY OR HYDRAULIC CROSSINGS BELOW EACH STRUCTURE. ALL DEBRIS, INCLUDING ANY MATERIAL THAT HAS ACCUMULATED ON THE BRIDGE CAPS, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE CONSTRUCTION SITE.
- (11) THE CONTRACTOR SHALL SUBMIT A PROPOSED HYDRODEMOLITION PLAN PRIOR TO BEGINNING WORK TO BE APPROVED BY THE DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER.
- (12) TEMPORARY PRECAST BARRIERS SHALL BE ANCHORED TO THE BRIDGE DECK. THE CONTRACTOR SHALL SUBMIT PROPOSED ANCHOR DETAILS, INCLUDING DESIGN CALCULATIONS STAMPED BY A MISSISSIPPI REGISTERED PROFESSIONAL ENGINEER, PRIOR TO BEGINNING WORK. TO BE APPROVED BY THE DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER. AFTER REMOVAL OF THE PRECAST BARRIERS, ALL ANCHOR HOLES SHALL BE CLEANED AND FILLED WITH NON-SHRINK, SURE-GRIP GROUT (THE DAYTON SURE-GRIP AND SHORE CO.), SUPREME GROUT (GIFFORD-HILL & CO., INC.), OR AN APPROVED EQUAL, APPLIED ACCORDING TO THE MANUFACTURER'S DIRECTIONS.
- (13) SUPERSTRUCTURE REPAIRS FOR LOAD BEARING ELEMENTS, INCLUDING BUT NOT LIMITED TO BEARING REPLACEMENTS, SEISMIC RETROFITS, AND T-BEAM REPAIRS, SHALL BE PERFORMED PRIOR TO HYDRODEMOLITION AND REPLACEMENT OF THE BRIDGE DECK.
- (14) 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.
- (15) THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SURFACE-TREATED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH SECTION 410 OF **THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION**. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.

GENERAL NOTES (CONT.)

- (16) THE BRIDGE DECKS SHALL BE GROOVED, AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (17) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (18) THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- (19) 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.
- (20) 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.
- (21) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- (22) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- (23) WHERE MODULAR JOINTS ARE BEING REMOVED FROM THE BRIDGE, PRECAST MEDIAN BARRIERS (CMB-3) WILL BE PLACED ACCORDING TO SPECIAL DESIGN SHEET SDTCP-C.
- (24) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (25) 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.
- (26) BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NO LONGER BE MAILED. ALL ADDENDA FOR THIS PROJECT WILL BE POSTED ON WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT. PLEASE CONTACT CONTRACT ADMINISTRATION DIVISION AT 601-359-7700 FOR ANY QUESTIONS REGARDING ELECTRONIC ADDENDA.
- (27) CONTRACTOR SHALL COORDINATE WITH MDOT TO HAVE THE UTILITY LINES LOCATED AND MARKED. NUMBERS FOR MDOT UTILITY LINES ARE AS FOLLOWS:
UNDERGROUND POWER LINES - DISTRICT OFFICE 662-563-4541
UNDERGROUND COMMUNICATION LINES - MDOT TRAFFIC ENGINEERING DIVISION 601-359-1454.
- (28) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, & EROSION CONTROL SHEETS.
- (29) ALL AREAS WITH VEGETATION DISTURBED DURING CONSTRUCTION SHALL BE REGRASSED, THE COST OF WHICH SHALL BE ABSORBED INTO OTHER ITEMS BID.

12/19/2019 3:02 PM GN.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
	
PROJ. NO.: NHPP-0006-01(097) COUNTY: DESOTO & MARSHALL	
WORKING NUMBER	GN-1
SHEET NUMBER	3
DATE	FILENAME: GN.dgn
DESIGN TEAM	SMITH
CHECKED	DATE