

GENERAL INDEX

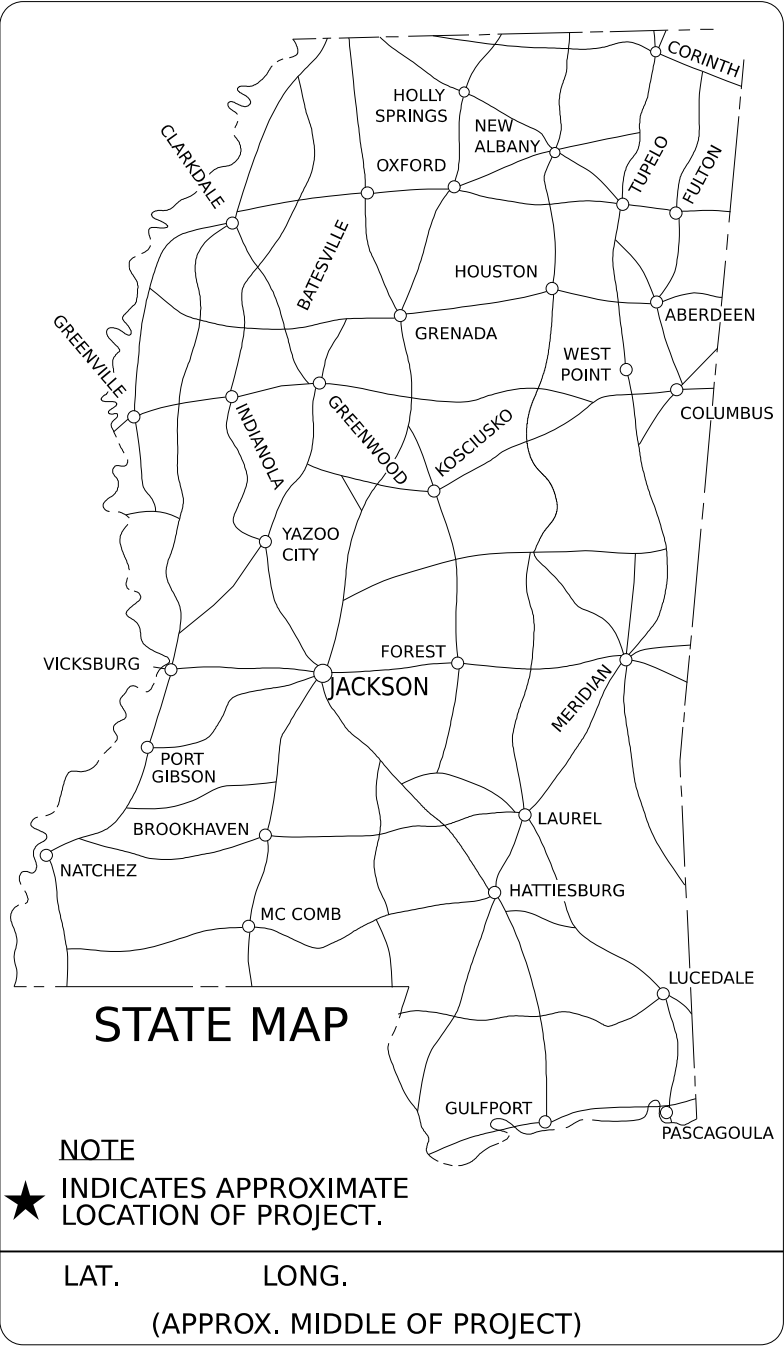
INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY.....	1
<input type="checkbox"/> PERMANENT SIGNS.....	1001
<input type="checkbox"/> TRAFFIC SIGNALS.....	2001
<input type="checkbox"/> ITS COMPONENTS.....	3001
<input type="checkbox"/> LIGHTING.....	4001
<input type="checkbox"/> (RESERVED).....	5001
<input checked="" type="checkbox"/> ROADWAY STD. DWGS.....	6001
<input type="checkbox"/> BOX CULVERT STD. DWGS (LRFD).....	7001
<input type="checkbox"/> BOX CULVERT STD. DWGS (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-0020-01(263)

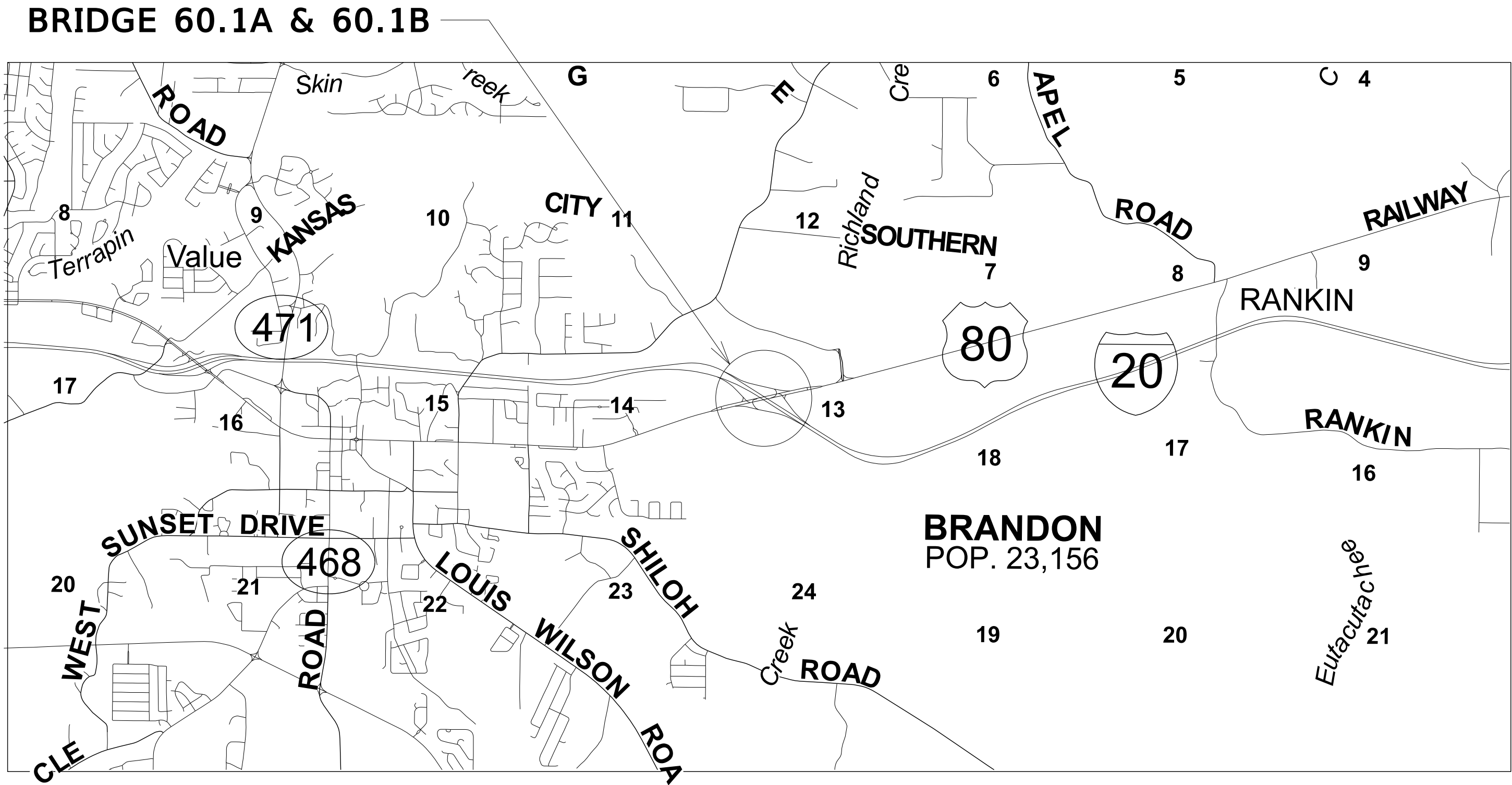
I 20 over US 80 (60.1A & 60.1B)
RANKIN COUNTY

FMS CON. 108848-301000



BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.



DESIGN CONTROL

MPH = V (SPEED DESIGN)

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

PERMITS ACQUIRED
BY MDOT

WETLANDS AND WATERS PERMITS

	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"/>

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: _____

CONSTRUCTION PROJECT DATA

EXTERNAL PROJECT NUMBER NHPP-0020-01(263)

FMS & DETAIL 108848/301000

P S & E DATE: 7-22-2022

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



1

EQUATIONS

EXCEPTIONS

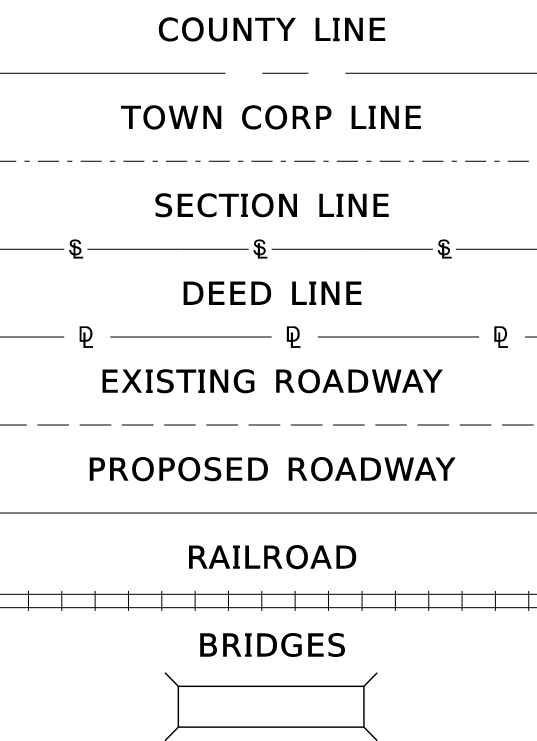
SCALES

PLAN 1 IN.= 100 FT.
PROFILE 1 IN.= 100 FT.
LAYOUT 1 IN.= 10 FT.
1 IN.= 10 FT.

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.

CONVENTIONAL
SYMBOLS

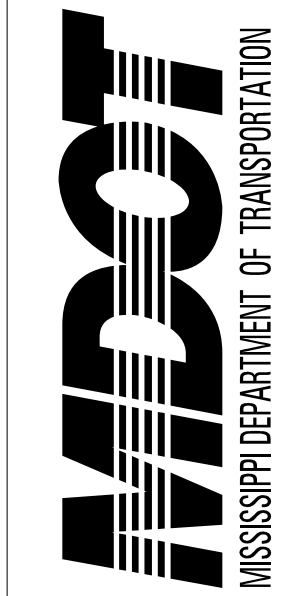


PLAN SHEET

TITLE_SH-I20.dgn

TIME

DATE



DESIGNED BY:

DETAILED BY:

CHECKED BY:

DATE:

FMS CON: 108848/301000

PROJECT NO.: NHPP-0020-01(263)

COUNTY: RANKIN

DETAILED INDEX

WK. NO.
DI-1

SHEET NO.
2

DETAILED INDEX		
	WK. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (2)		
DETAILED INDEX	DI-1	2
GENERAL NOTES	GN-1	3
REVISION SHEET (1)		
REVISION	REV-1	4
TYPICAL SECTION SHEET (1)		
RAMP CONSTRUCTION EAST BOUND & WEST BOUND	TS-1	5
SUMMARY OF QUANTITY SHEETS (2)		
SUMMARY OF QUANTITIES	SQ-1	6
SUMMARY OF QUANTITIES	SQ-2	7
ESTIMATED QUANTITY SHEETS (2)		
ESTIMATED QUANTITIES	EQ-1	8
ESTIMATED QUANTITIES	EQ-2	9
SPECIAL DESIGN SHEETS (28)		
I-20 BRIDGE REPAIR	BR-1	10
INTERSECTION DETAIL EAST BOUND RAMP	ID-1	11
INTERSECTION DETAIL WEST BOUND RAMP	ID-2	12
PERMANENT MARKINGS	PM-1	13
PERMANENT MARKINGS	PM-2	14
PUCHOUT REPAIR	PR-1	15
PUCHOUT REPAIR	PR-2	16
JOINT REPAIR	JRCP-1	17
DETAIL OF CONSTRUCTION SIGNING	DCS-1	18
DETAIL OF CONSTRUCTION SIGNING	DCS-2	19

TRAFFIC CONTROL PLAN - PHASE I	TCP-1	20
TRAFFIC CONTROL PLAN - PHASE I	TCP-2	21
TRAFFIC CONTROL PLAN - PHASE I	TCP-3	22
TRAFFIC CONTROL PLAN - PHASE I	TCP-4	23
TRAFFIC CONTROL PLAN - PHASE I	TCP-5	24
TRAFFIC CONTROL PLAN - PHASE I	TCP-6	25
TRAFFIC CONTROL PLAN - PHASE I	TCP-7	26
TRAFFIC CONTROL PLAN - PHASE I	TCP-8	27
TRAFFIC CONTROL PLAN - PHASE I	TCP-9	28
TRAFFIC CONTROL PLAN - PHASE II	TCP-10	29
TRAFFIC CONTROL PLAN - PHASE II	TCP-11	30
TRAFFIC CONTROL PLAN - PHASE II	TCP-12	31
TRAFFIC CONTROL PLAN - PHASE II	TCP-13	32
TRAFFIC CONTROL PLAN - PHASE II	TCP-14	33
TRAFFIC CONTROL PLAN - PHASE II	TCP-15	34
TRAFFIC CONTROL PLAN - PHASE II	TCP-16	35
TRAFFIC CONTROL PLAN - PHASE II	TCP-17	36
TRAFFIC CONTROL PLAN - PHASE II	TCP-18	37
INFORMATION PLANS	38 - 42
STANDARD DRAWINGS - ROADWAY SHEETS (10)		
CONCRETE PAVEMENT JOINTS	PJ-1	6004
PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	PM-1	6051
GUARDRAIL: BRIDGE END SECTIONS TYPE "A" & "C"	GR-2	6204
TRAFFIC CONTROL PLAN FRO POSTED SPEED LIMIT LESS THAN 65 MPH (EXTENDED PERIOD)	TCP-3	6353
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
SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-7	6357
HIGHWAY SIGN & BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LAND & 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
TRAFFIC CONTROL DETAILS DRUM PLACEMENT & SHOULDER CLOSURE	TCP-16	6366
TOTAL SHEETS (EXCLUDING BRIDGE SHEETS)		52

PS & E PLANS-DATE 7-22-2022		
FMS CON. # 108848-301000		
REVISIONS		
DATE	SHEET NO.	BY
8-8-2022	TITLE, DI-1, REV-1, SQS, TS-1, JRCP-1	HLW
	TC-2 TO TC-9, TC-12, TC-16	

PLAN SHEET

RWD-DI&GN.dgn

TIME

DATE

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

WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION, OR ANY STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

7

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.

8

WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)

9

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.

10

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

11

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.

12

THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

13

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.

14

PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4” TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED, IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.

15

THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.

16

TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

17

ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

18

SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS.

19

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.

20

THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.

21

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.

22

THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.

23

THE CONTRACTOR SHALL INSTALL AND MAINTAIN THE LONG-TERM CLOSURE UNTIL THE REPAIRS ARE COMPLETE AND HAVE BEEN ACCEPTED BY MDOT.
-
-
- DESIGNED BY:

DETAILED BY:

CHECKED BY:

DATE:

FMS CON: 108848/301000

PROJECT NO.: NHPP-0020-01(263)

COUNTY: RANKIN
- GENERAL NOTES
- WK. NO.
GN-1

SHEET NO.
3