

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 checked="" type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input checked="" type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

STA 214+17.77
 1@78', 2@86', 1@78'
 LENGTH ALONG C = 330.20'

BOX CULVERTS REQ'D.

STATION 223+89.07
 LENGTH = 360'

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY
STATE PROJECT NO. SP-0020-01(171)

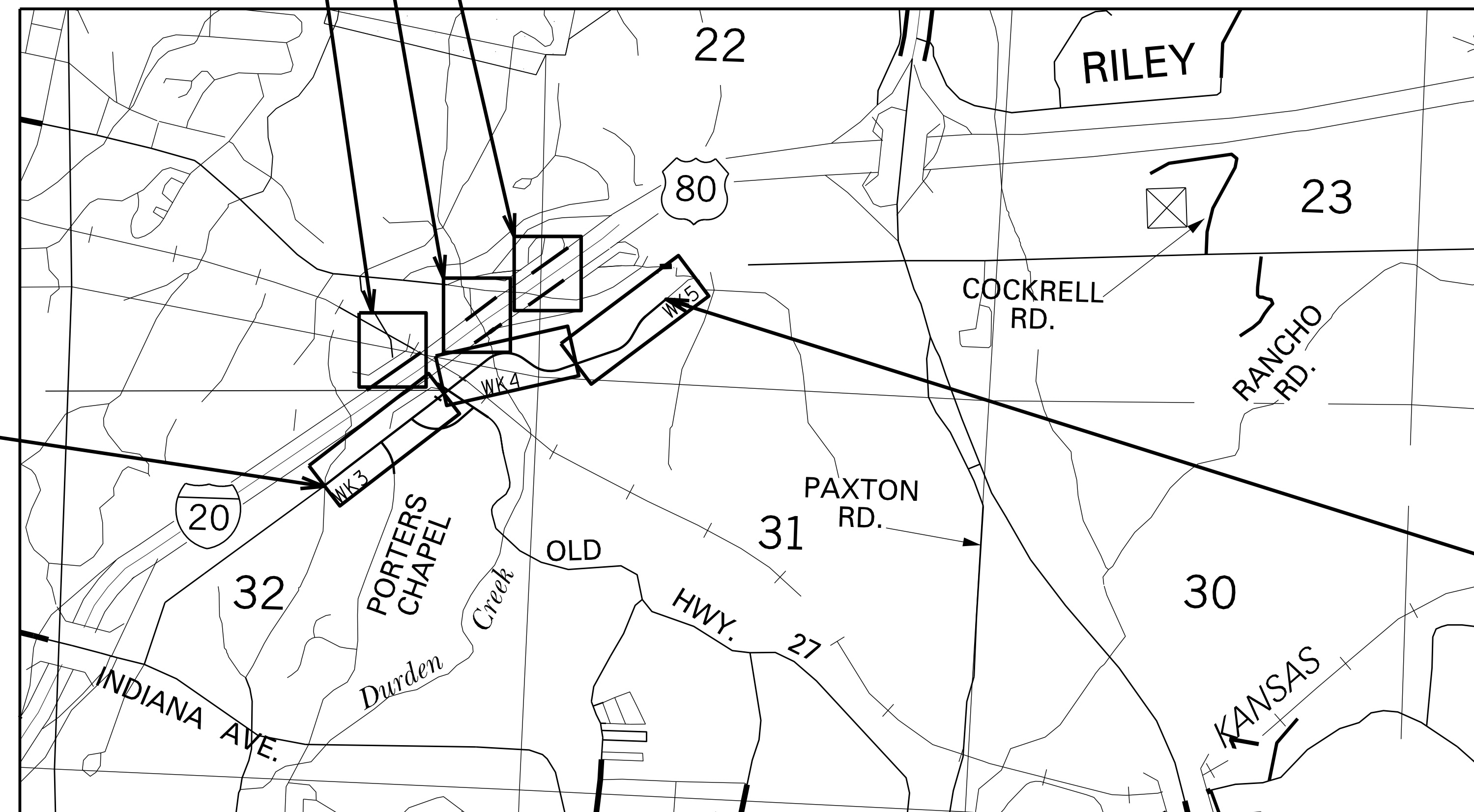
I-20 SOUTH FRONTAGE ROAD EXTENSION TO US 80 & I-20 BRIDGE RAIL REPLACEMENT VICKSBURG WARREN COUNTY

FMS CON 104299/301000

SCALES

PLAN 1 IN. = 20 FT., 1 IN. = 100 FT.
 PROFILE { HOR. 1 IN. = 50 FT. 1 IN. = 20 FT.
 VERT. 1 IN. = 10 FT. 1 IN. = 5 FT.
 LAYOUT 1 IN. = 1,000 FT.

BRIDGE 4.9A AND 4.9B
 BRIDGE 4.8A AND 4.8B
 BRIDGE 4.5A



BEGINNING OF PROJECT
 STA. 199 + 00

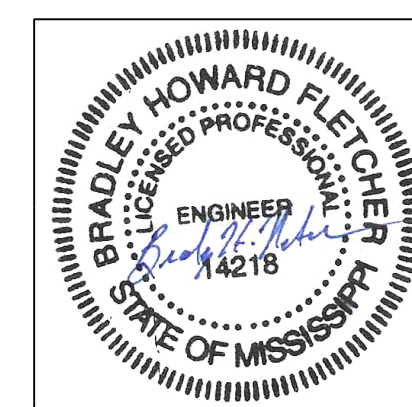
END OF PROJECT
 STA. 242 + 00

CONVENTIONAL SYMBOLS

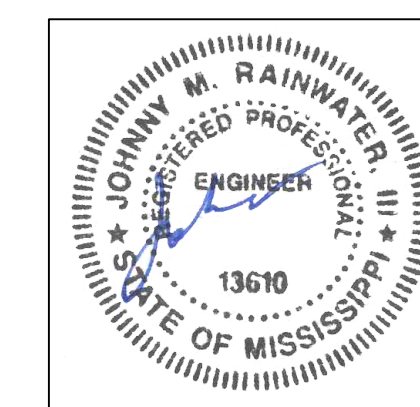
COUNTY LINE	
TOWN CORPORATION LINE	
SECTION LINE	
EXISTING ROAD OR TRAVELED WAY	
PROPOSED ROAD OR TRAVELED WAY	
RAILROAD	
SURVEY LINE	
BRIDGES	

LENGTH DATA

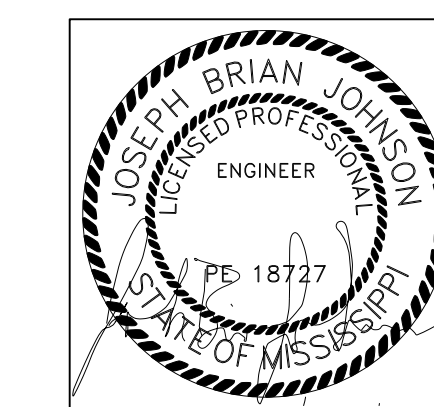
LENGTH OF ROADWAY	3,969.80	FT.	0.75	MI.
LENGTH OF BRIDGES	330.20	FT.	0.06	MI.
LENGTH OF PROJECT (NET)	4300.00	FT.	0.81	MI.
LENGTH OF EXCEPTIONS		FT.	0.00	MI.
LENGTH OF PROJECT (GROSS)	4300.00	FT.	0.81	MI.



ROADWAY

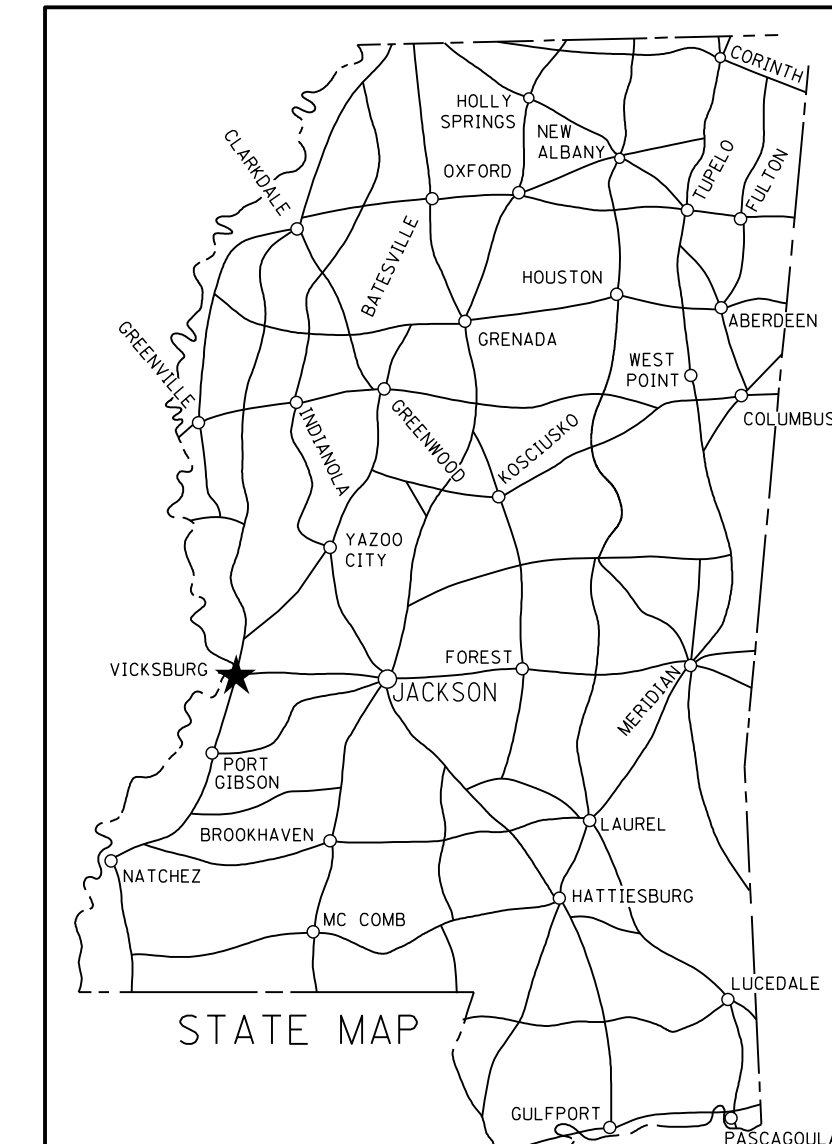


TRAFFIC



BRIDGE

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	SP-0020-01(171)	1



NOTE
 ★ INDICATES APPROXIMATE LOCATION OF PROJECT.
 LAT. 32°20'23" LONG. 90°50'51"
 (APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL (URBAN COLLECTOR)
 30 MPH = V (SPEED DESIGN)

ADT (2015) = 4,200 ; ADT (2035) = 7,600
 DHV = 680 ; D = 55 % T = 3 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

STORMWATER PERMIT	<input checked="" type="checkbox"/>
Y	REQUIRED, SCNOI 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: _____

P S & E DATE: 10-26-2017

APPROVED: _____

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

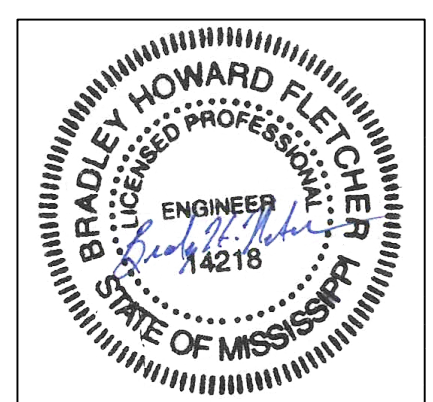


1st O.REV.

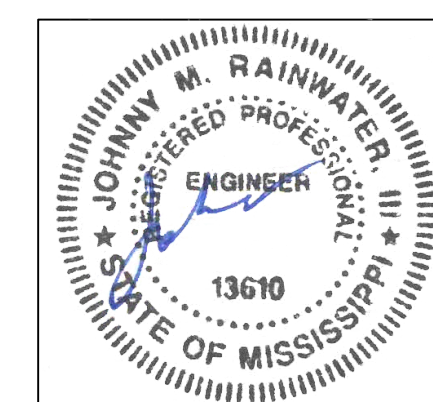
STATE	PROJECT NO.
MISS.	SP-0020-01(171)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	DETAIL OF INTERSECTION SHEETS (5)		
DETAILED INDEX & GENERAL NOTES (5)			DETAIL OF INTERSECTION - PORTERS CHAPEL ROAD @ I-20 FRONTAGE ROAD	DOI-1	43
DETAILED INDEX	DI-1	2	DETAIL OF INTERSECTION - 27 CONNECTOR @ I-20 FRONTAGE ROAD	DOI-2	44
DETAILED INDEX	DI-2	3	DETAIL OF INTERSECTION - 27 CONNECTOR @ OLD HIGHWAY 27	DOI-3	45
DETAILED INDEX	DI-3	4	DETAIL OF INTERSECTION - I-20 FRONTAGE ROAD STA 230+00 - STA 236+00	DOI-4	46
GENERAL NOTES	GN-1	5	DETAIL OF INTERSECTION - I-20 FRONTAGE ROAD STA 236+00 - STA 242+00	DOI-5	47
GENERAL NOTES	GN-2	6			
TYPICAL SECTION SHEETS (7)			EROSION CONTROL PLAN SHEETS (9)		
TYPICAL SECTIONS	TS-1	7	EROSION CONTROL PLAN - I-20 FRONTAGE ROAD	ECP-3	48
TYPICAL SECTIONS	TS-2	8	EROSION CONTROL PLAN - PORTERS CHAPEL ROAD	ECP-3A	49
TYPICAL SECTIONS	TS-3	9	EROSION CONTROL PLAN - 27 CONNECTOR	ECP-3B	50
TYPICAL SECTIONS	TS-4	10	EROSION CONTROL PLAN - OLD HIGHWAY 27	ECP-3C	51
TYPICAL SECTIONS	TS-5	11	EROSION CONTROL PLAN - DRAINAGE @ STA 216+79.05	ECP-3D	52
TYPICAL SECTIONS	TS-6	12	EROSION CONTROL PLAN - I-20 FRONTAGE ROAD	ECP-4	53
TYPICAL SECTIONS - DETAIL OF BENCH IN A FILL SECTION	TS-7	13	EROSION CONTROL PLAN - RAMP (FUTURE)	ECP-4A	54
			EROSION CONTROL PLAN - 12'X10' BOX CULVERT	ECP-4B	55
			EROSION CONTROL PLAN - I-20 FRONTAGE ROAD	ECP-5	56
SUMMARY OF QUANTITIES (4)			FORM GRADES (3)		
SUMMARY OF QUANTITIES	SQ-1	14	FORM GRADES - I-20 FRONTAGE ROAD @ PORTERS CHAPEL ROAD	FG-1	57
SUMMARY OF QUANTITIES	SQ-2	15	FORM GRADES - I-20 FRONTAGE ROAD @ 27 CONNECTOR	FG-2	58
SUMMARY OF QUANTITIES	SQ-3	16	FORM GRADES - OLD HIGHWAY 27 & 27 CONNECTOR	FG-3	59
SUMMARY OF QUANTITIES	SQ-4	17			
ESTIMATED QUANTITIES (12)			PAVEMENT MARKING SHEETS (10)		
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	18	PAVEMENT MARKING DETAIL - LAYOUT	PMD-1	60
ESTIMATED QUANTITIES - EARTHWORK ITEMS	EQ-2	19	PAVEMENT MARKING DETAIL - I-20 FRONTAGE ROAD - STA 199+00 - STA 205+00	PMD-2	61
ESTIMATED QUANTITIES - SOLID SOD ITEMS & GRASSING ITEMS	EQ-3	20	PAVEMENT MARKING DETAIL - I-20 FRONTAGE ROAD - STA 205+00 - STA 208+50/ PORTERS CHAPEL ROAD STA 10+00 - STA 13+75.78	PMD-3	62
ESTIMATED QUANTITIES - EROSION CONTROL ITEMS (TEMPORARY AND PERMANENT)	EQ-4	21	PAVEMENT MARKING DETAIL - I-20 FRONTAGE ROAD - STA 208+50 - STA 213+50	PMD-4	63
ESTIMATED QUANTITIES - PAVING ITEMS	EQ-5	22	PAVEMENT MARKING DETAIL - 27 CONNECTOR STA 10+00 - STA 12+00	PMD-4A	64
ESTIMATED QUANTITIES - DRAINAGE ITEMS & BOX CULVERT ITEMS	EQ-6	23	PAVEMENT MARKING DETAIL - 27 CONNECTOR - STA 12+00 - STA 17+59.179		
ESTIMATED QUANTITIES - CULVERT HYDRAULIC DESIGN SUMMARY	EQ-7	24	PAVEMENT MARKING DETAIL - OLD HWY 27 STA 12+63 - STA 16+69.25	PMD-5	65
ESTIMATED QUANTITIES - GUARDRAIL ITEMS & BRIDGE END PAVEMENT	EQ-8	25	PAVEMENT MARKING DETAIL - I-20 FRONTAGE ROAD - STA 213+50 - STA 218+00		
ESTIMATED QUANTITIES - CONCRETE ITEMS & DRIVEWAY ITEMS	EQ-9	26	PAVEMENT MARKING DETAIL - OLD HWY 27 STA 11+20 - STA 12+63	PMD-6	66
ESTIMATED QUANTITIES - TRAFFIC CONTROL PLAN QUANTITIES	EQ-10	27	PAVEMENT MARKING DETAIL - I-20 FRONTAGE ROAD - STA 218+00 - STA 224+00	PMD-7	67
ESTIMATED QUANTITIES - PAVEMENT MARKING ITEMS	EQ-11	28	PAVEMENT MARKING DETAIL - I-20 FRONTAGE ROAD - STA 224+00 - STA 230+00	PMD-8	68
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-12	29	PAVEMENT MARKING DETAIL - I-20 FRONTAGE ROAD - STA 230+00 - STA 236+00	PMD-9	69
			PAVEMENT MARKING DETAIL - I-20 FRONTAGE ROAD - STA 236+00 - STA 242+00		
PLAN AND PROFILE SHEETS (9)			REMOVAL PLANS (3)		
PLAN AND PROFILE - I-20 FRONTAGE ROAD	3	30	REMOVAL PLANS	RP-1	70
PLAN AND PROFILE - PORTERS CHAPEL ROAD	3A	31	REMOVAL PLANS	RP-2	71
PLAN AND PROFILE - 27 CONNECTOR	3B	32	REMOVAL PLANS	RP-3	72
PLAN AND PROFILE - OLD HIGHWAY 27	3C	33			
PLAN AND PROFILE - DRAINAGE @ STA 216+79.05	3D	34			
PLAN AND PROFILE - I-20 FRONTAGE ROAD	4	35			
PLAN AND PROFILE - RAMP (FUTURE)	4A	36			
PLAN AND PROFILE - 12'X10' BOX CULVERT	4B	37			
PLAN AND PROFILE - I-20 FRONTAGE ROAD	5	38			
DRAINAGE DETAIL SHEETS (4)					
DRAINAGE DETAIL - I-20 FRONTAGE ROAD	DD LT-1	39			
DRAINAGE DETAIL - I-20 FRONTAGE ROAD	DD RT-1	40			
DRAINAGE DETAIL - I-20 FRONTAGE ROAD	DD LT-2	41			
DRAINAGE DETAIL - I-20 FRONTAGE ROAD	DD RT-2	42			

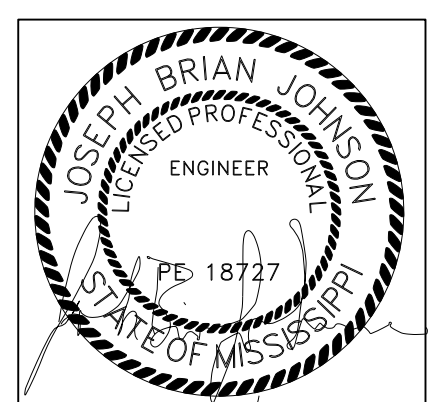
6/18/2019 09:15:43 DI-1.DGN



ROADWAY



TRAFFIC



BRIDGE



PS & E PLANS-10-26-2017		
FMS CON. # 104299/301000		
REVISIONS		
DATE	SHEET NO.	BY
06/18/19	8,10,11,14-17,75	MN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAIL INDEX	
COUNTY: WARREN	
PROJ. NUM.: SP-0020-01(171)	
FILENAME: DI-1.DGN	WORKING NUMBER
DESIGN TEAM STANTEC CHECKED DATE	DI-1
	SHEET NUMBER
	2



STATE	PROJECT NO.
MISS.	SP-0020-01(171)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DETAIL OF CONSTRUCTION SIGNING PLANS (2)

DETAIL CONSTRUCTION SIGNING - I-20 FRONTAGE ROAD
 DETAIL CONSTRUCTION SIGNING - INTERSTATE 20

DCS-1 73
 DCS-2 74

TRAFFIC CONTROL SHEETS (17)

TRAFFIC CONTROL - CONSTRUCTION PHASING
 TRAFFIC CONTROL - PHASE 1 - TYPICAL SECTIONS
 TRAFFIC CONTROL - PHASE 1
 TRAFFIC CONTROL - PHASE 2 - DETOUR SIGNING
 TRAFFIC CONTROL - PHASE 2
 TRAFFIC CONTROL - PHASE 3 - DETOUR SIGNING
 TRAFFIC CONTROL - PHASE 3
 TRAFFIC CONTROL - CONCURRENT CONSTRUCTION
 TRAFFIC CONTROL - CONCURRENT CONSTRUCTION - PHASE A
 TRAFFIC CONTROL - CONCURRENT CONSTRUCTION - PHASE A
 TRAFFIC CONTROL - CONCURRENT CONSTRUCTION - TYPICAL SECTION - PHASE A
 TRAFFIC CONTROL - CONCURRENT CONSTRUCTION - PHASE B
 TRAFFIC CONTROL - CONCURRENT CONSTRUCTION - PHASE B
 TRAFFIC CONTROL - CONCURRENT CONSTRUCTION - TYPICAL SECTIONS - PHASE B
 TRAFFIC CONTROL - INTERSTATE 20 - DETOUR SIGNS
 TRAFFIC CONTROL - INTERSTATE 20 - CHANNELIZING DEVICES
 TRAFFIC CONTROL - INTERSTATE 20 - ONE LANE CLOSURE (EXTENDED PERIOD)

TC-1 75
 TC-2 76
 TC-3 77
 TC-4 78
 TC-5 79
 TC-6 80
 TC-7 81
 TC-8 82
 TC-9 83
 TC-10 84
 TC-11 85
 TC-12 86
 TC-13 87
 TC-14 88
 TC-15 89
 TC-16 90
 TC-17 91

SPECIAL DESIGN SHEETS (13)

EROSION CONTROL
 GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY
 GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAY
 MISCELLANEOUS DETAILS
 MISCELLANEOUS DETAILS - BRIDGE END TYPICAL SECTION
 MISCELLANEOUS DETAILS - RETAINING WALL CROSS SECTION
 PAVEMENT MARKING DETAILS 4-LANE AND 5-LANE UNDIVIDED ROADWAYS
 PIPE CULVERT INSTALLATION
 RIGHT-OF-WAY COORDINATE SHEET - MARKERS
 RIGHT-OF-WAY COORDINATE SHEET - EASEMENTS
 SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE
 SUPERELEVATION TRANSITION ROTATION ABOUT CENTERLINE (URBAN FACILITY, V<45 MPH)
 VEGETATION SCHEDULE

EC-1 92
 SDGR-4A 93
 SDGR-4D 94
 MD-1 95
 MD-2 96
 MD-3 97
 SDPM-2 98
 SDPI-1 99
 RWC-1 100
 RWC-2 101
 SDRO-1 102
 SDSE-2G 103
 VS-1 104

PERMANENT SIGNING SHEETS (8)

PERMANENT SIGNING PLAN
 PERMANENT SIGNING PLAN
 PERMANENT SIGNING PLAN
 PERMANENT SIGNING PLAN
 PERMANENT SIGNING PLAN
 PERMANENT SIGNING PLAN
 PERMANENT SIGNING PLAN
 PERMANENT SIGNING PLAN

PSP-1 1001
 PSP-2 1002
 PSP-3 1003
 PSP-4 1004
 PSP-5 1005
 PSP-6 1006
 PSP-7 1007
 PSP-8 1008


ROADWAY STANDARD DRAWINGS (71)

BRIDGE END PAVEMENT (WITH RAIL, OVERLAY, AND SLEEPER SLAB)
 BRIDGE END PAVEMENT RAIL (33.5" RAIL HEIGHT)
 CONCRETE ISLAND PAVEMENT DETAILS
 PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS
 PAVEMENT MARKING LEGEND DETAILS
 PAVEMENT MARKING DETAILS 4-LANE AND 2-LANE TRANSITION AT INTERCHANGE
 TYPICAL TEMPORARY EROSION/SILT SEDIMENT CONTROL APPLICATION
 DETAILS OF SEDIMENT BARRIER APPLICATIONS
 DETAILS OF SILT FENCE INSTALLATION
 DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
 TEMPORARY EROSION SEDIMENT AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)
 DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS
 DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK
 ROCK DITCH CHECK
 ROCK FILTER DAM
 ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM
 TYPICAL APPLICATIONS AND DETAILS FOR INLET PROTECTION
 INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS
 INLET PROTECTION DETAILS OF WATTLES
 INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE
 INLET PROTECTION DETAILS OF SAND BAG
 STABILIZED CONSTRUCTION ENTRANCE
 TEMPORARY STREAM DIVERSION
 TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)
 FLOATING TURBIDITY CURTAIN
 DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
 SEDIMENT RETENTION BARRIER
 DETAILS OF TYPICAL DITCH TREATMENTS
 DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)(35 CU.YDS. CAPACITY PER ACRE OF DRAINAGE)
 GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)(NEW CONSTRUCTION)
 GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)(NEW CONSTRUCTION)
 GUARDRAIL: RUB RAIL HARDWARE
 CONCRETE MEDIAN BARRIER (PRECAST)(32")
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 BREAK-AWAY SIGN SUPPORTS
 TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS
 TYPICAL GUARDRAIL DELINEATION
 SIGNING DETAILS FOR BRIDGE APPROACHES
 TRAFFIC CONTROL PLAN WITH FLAGGER (ONE LANE CLOSURE OF TWO-WAY TRAFFIC)
 SHORT DURATION CLOSING OF TWO-LANE TWO-WAY-HIGHWAYS
 HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
 TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS
 TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED ROADWAYS
 LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)
 TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE

BE-1 6007
 BER-1 6009
 CIP-1 6011
 PM-1 6051
 PM-6 6056
 PM-8 6058
 ECD-1 6101
 ECD-2 6102
 ECD-3 6103
 ECD-4 6104
 ECD-5 6105
 ECD-6 6106
 ECD-7 6107
 ECD-8 6108
 ECD-9 6109
 ECD-10 6110
 ECD-11 6111
 ECD-12 6112
 ECD-13 6113
 ECD-14 6114
 ECD-15 6115
 ECD-16 6116
 ECD-18 6118
 ECD-19 6119
 ECD-20 6120
 ECD-21 6121
 ECD-22 6122
 DT-1 6123
 DT-1A 6124
 BAS-A 6125
 BAS-B 6126
 BAS-D 6129
 GR-2F 6210
 GR-2G 6211
 GR-RR 6218
 CMB-3 6226
 SN-3A 6304
 SN-3B 6305
 SN-4 6306
 SN-4A 6307
 SN-4B 6308
 SN-6A 6311
 SN-8 6314
 SN-8C 6317
 SN-9 6318
 TCP-1 6351
 TCP-6 6356
 TCP-8 6358
 TCP-9 6359
 TCP-12 6362
 TCP-13 6363
 TCP-14 6364
 TCP-15 6365
 TCP-16 6366

ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/15/2019 11:13:19 DI-1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAIL INDEX		 COUNTY: WARREN PROJ. NUM.: SP-0020-01(171) WORKING NUMBER DI-2		
DATE	FILENAME: DI-1.DGN			
DESIGN TEAM	STANTEC	CHECKED	DATE	SHEET NUMBER 3

STATE	PROJECT NO.
MISS.	SP-0020-01(171)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

ROADWAY STANDARD DRAWINGS CONT. (71)

- RIGHT-OF-WAY MARKER
- RURAL DRIVEWAYS
- TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS
- SIGHT FLARE
- DRIVEWAYS, CURB & GUTTER & SIDEWALK
- CURB RAMPS - RAMP DESIGN ELEMENTS
- CURB RAMPS - PLACEMENT DETAILS
- CURB RAMPS - PLACEMENT DETAILS
- CURB RAMPS - DETECTABLE WARNING DETAILS
- DETAILS OF PAVED FLUMES
- CONCRETE PIPE COLLAR
- JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD (MAXIMUM "W"=9'-3")
- BRANCH CONNECTIONS
- STORM SEWER STRUCTURE TYPE SS-2
- STORM SEWER STRUCTURE, TYPE SS-4 HEADER CURB
- DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS
- FLARE END SECTION FOR CONCRETE PIPE

- RW-1 6401
- RD-1 6403
- GT-1 6404
- SF-1 6405
- SD-1 6419
- CR-1 6421
- CR-2 6422
- CR-3 6423
- CR-4 6424
- PF-1 6426
- PC-1 6503
- JB-2 6506
- BC-1 6507
- SS-2 6524
- SS-4 6526
- B-9 6527
- FE-1 6530

1997 BOX CULVERT STANDARD DRAWINGS (8)

- BASIC CULVERT DRAWINGS BARREL JOINT LOCATIONS NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS
- SKEWED COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPE & QUADRUPLE)
- WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWINGS SINGLE CELL HEIGHTS 6-12FT, SPANS 6-24 FT
- WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWINGS SINGLE CELL HEIGHTS 6-12FT, SPANS 6-24 FT
- WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWINGS SINGLE CELL HEIGHTS 6-12FT, SPANS 6-24 FT
- BOX CULVERT DRAWINGS IBS CULVERTS MODIFIED COVER WINGS WITH 3:1 SLOPE
- BOX CULVERT DRAWINGS IBS CULVERTS MODIFIED COVER WINGS WITH 3:1 SLOPE
- BOX CULVERT DRAWINGS 30°SKEW DETAILS WINGS WITH 3: SLOPE SINGLE & DOUBLE CELL CULVERTS

- IBJL-1-97 7501
- ICJS-1-97 7505
- IWS-3-97 7515
- IWS-3-97 7516
- IWS-3-97 7517
- IBSM-3W-97 7524
- IBSM-3W-97 7525
- ISK-30-3W-97 7557

SEE SHEET 8001 FOR BRIDGE INDEX (95)


CROSS SECTIONS (86)

- I-20 SR (55)
- PORTERS CHAPEL ROAD (7)
- 27 CONNECTOR (10)
- OLD HWY 27 (5)
- PARALLELL TO RETAINING WALL (4)
- PERPENDICULAR TO RETAINING WALL (5)

9001-
9086

TOTAL (372)

4/15/2019 11:13:20 DI-1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAIL INDEX		 COUNTY: WARREN PROJ. NUM.: SP-0020-01(171)	WORKING NUMBER DI-3
DATE	REVISION		SHEET NUMBER 4
FILENAME: DI-1.DGN		DESIGN TEAM STANTEC	CHECKED DATE

STATE	PROJECT NO.
MISS.	SP-0020-01(171)

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 THE MUTCD (LATEST EDITION).
3. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
4. THE COST FOR REMOVAL OF ALL HEADWALLS AND WING WALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
5. 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.
6. ALL PIPE JOINTS ARE TO BE WRAPPED COMPLETELY IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
7. VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACK FILLED 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.
8. UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
9. 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.
10. 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.
11. WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
12. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO. ICJS-1 FOR DETAILS)

GENERAL NOTES (CONT.)

13. LIST OF PUBLIC UTILITIES

AT&T MISSISSIPPI	ENERGY MISSISSIPPI	DELTACOM	CITY OF VICKSBURG
5815 HWY 18 SOUTH	905 HWY 80 EAST	7037 OLD MADISON PIKE	WATER AND GAS
JACKSON, MS 39209	CLINTON, MS 39056	HUNTSVILLE, AL 35806	ADMINISTRATION
(601) 922-6285	(601) 925-6506	(601) 238-1971	P.O. BOX 150
			VICKSBURG, MS 39180
			(601) 636-1096

14. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
15. 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.
16. ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
17. THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
18. 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.
19. 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.

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GENERAL NOTES

- 20. 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. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
- 21. PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED AS DIRECTED BY THE ENGINEER. 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.
- 22. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- 23. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- 24. ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION AND MAINTENANCE OF CONSTRUCTION ENTRANCES SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- 25. 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.
- 26. 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.
- 27. SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- 28. 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.
- 29. CURB AND GUTTER VERTICAL DIMENSIONS SHOWN IN THE DETAIL DRAWINGS ARE FOR A CURB IN THE "CATCH" CONFIGURATION AND SHALL BE CONSIDERED TO BE MINIMUM DIMENSIONS. THE DIMENSIONS MAY BE MODIFIED AS NECESSARY FOR "SPILL" CURB AND GUTTER, BUT SHALL NOT BE LESS THAN THE MINIMUM SHOWN.

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