

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	HSIP-0008-02(124)	1

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 type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE

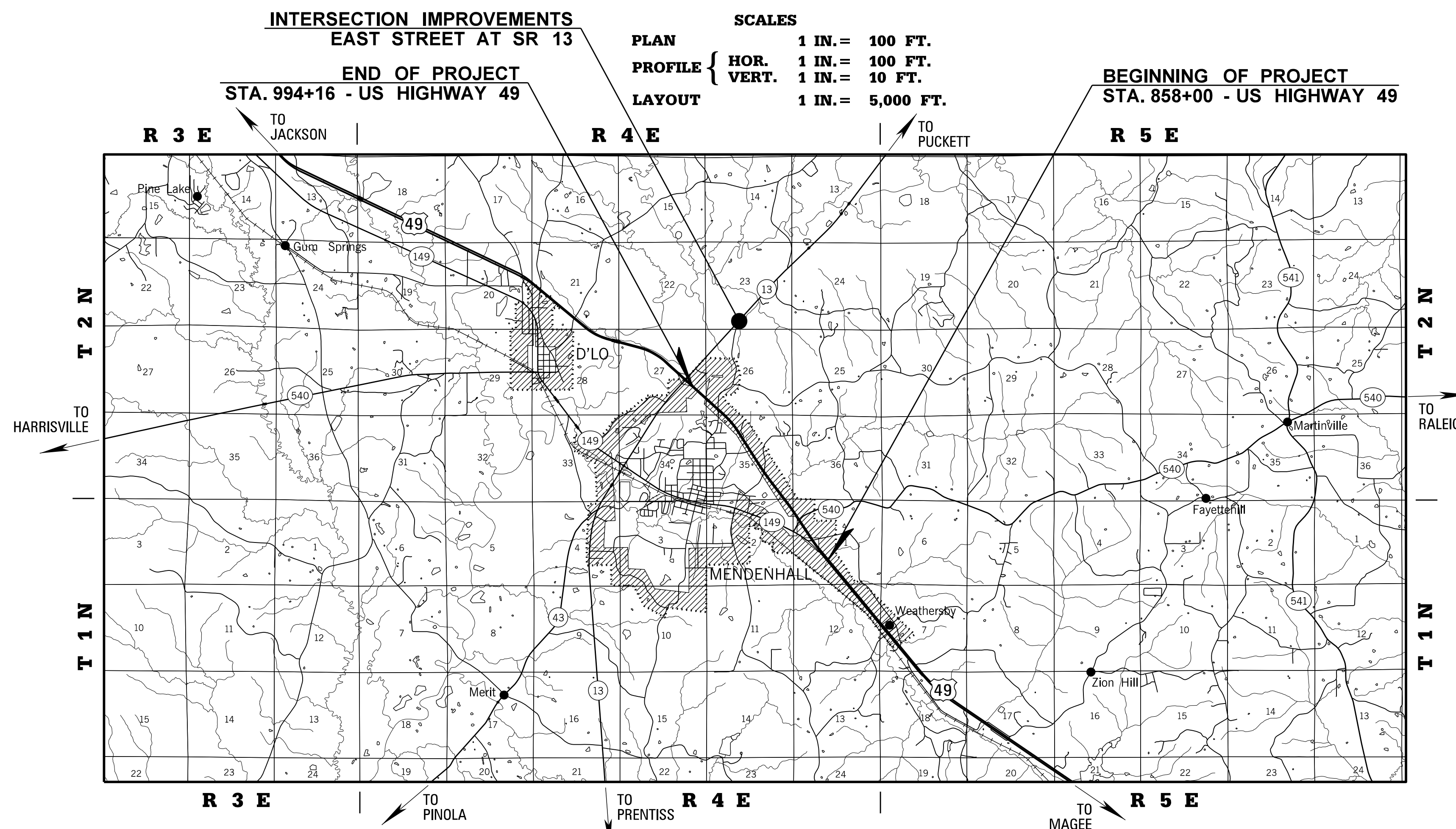
CONVENTIONAL SYMBOLS

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

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. HSIP-0008-02(124)

U.S. HWY. 49 BETWEEN
SR 149 AND SR 13 INTERCHANGE
SIMPSON COUNTY

FMS CON. NO. 109138 / 301000



INTERSECTION IMPROVEMENTS
EAST STREET AT SR 13

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

END OF PROJECT
STA. 994+16 - US HIGHWAY 49

BEGINNING OF PROJECT
STA. 858+00 - US HIGHWAY 49

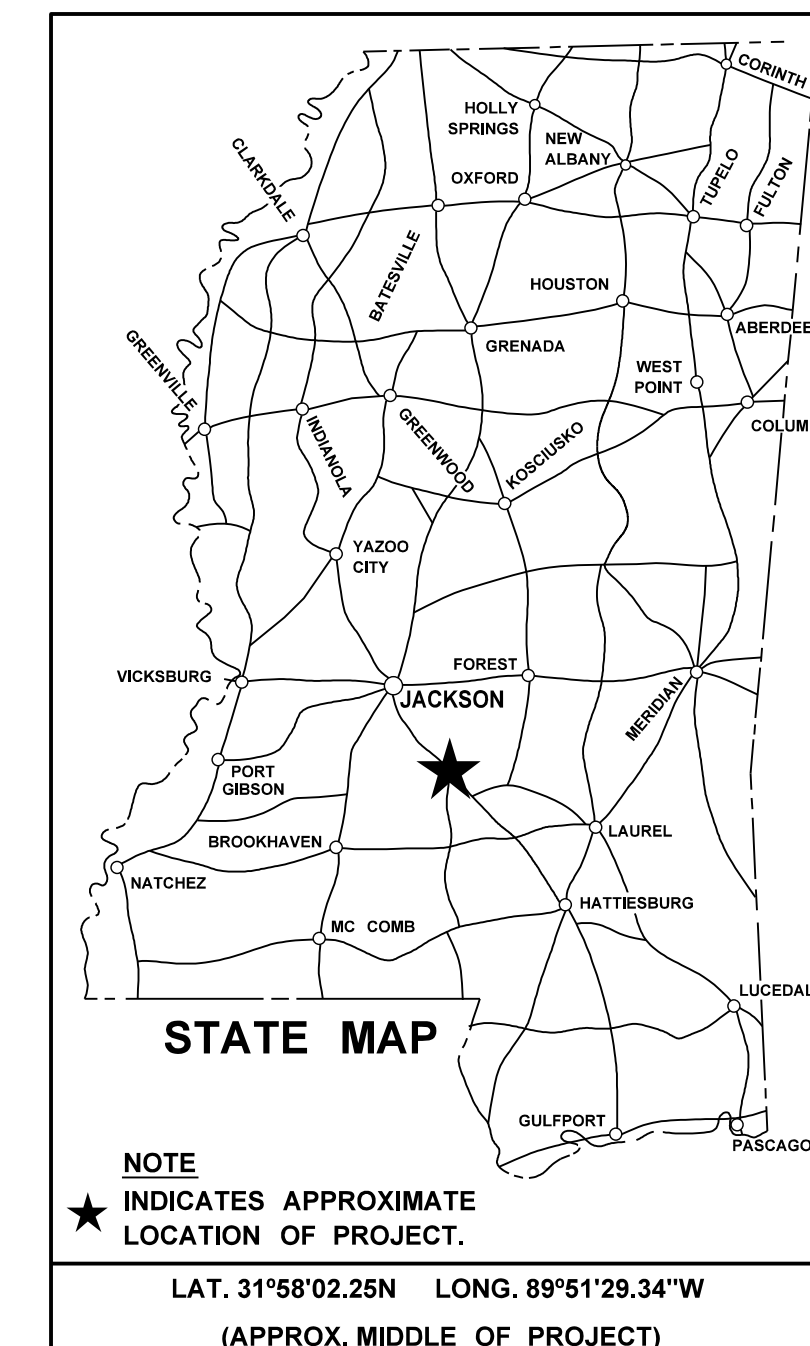
EQUATIONS

STA. 903 + 30.347 BK = STA. 903 + 39.052 AH	-8.705'
STA. 953 + 19.425 BK = STA. 953 + 21.248 AH	-1.823'
STA. 993 + 11.500 BK = STA. 992 + 46.500 AH	65.000'
TOTAL	54.472'

LENGTH DATA

LENGTH OF ROADWAY	13670.47 FT.	2.589 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)	FT.	2.589 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)	FT.	2.589 MI.

EXCEPTIONS



DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2023) = 22200 ; ADT (2043) = 27100

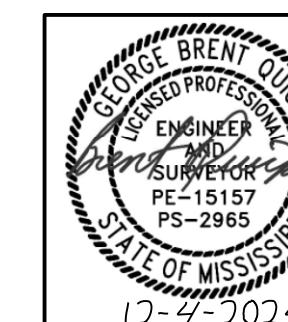
DHV = 2420 ; D = 50 % T = 32 %

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 <input checked="" type="checkbox"/>		
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: _____		

P S & E DATE: 12 /12 /2024

APPROVED:	_____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	_____
EXECUTIVE DIRECTOR	_____



12/4/2024 11:09:53 TITLE.DGN

DESCRIPTION OF SHEET

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (5)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	4
REVISION	REV-1	5
GENERAL NOTES	GN-1	6
TYPICAL SECTION SHEETS (8)		
TYPICAL SECTIONS - US HIGHWAY 49	TS-1	7
TYPICAL SECTIONS - US HIGHWAY 49 - PARTIAL SECTIONS - MEDIAN AUXILIARY LANES	TS-2	8
TYPICAL SECTIONS - US HIGHWAY 49 - PARTIAL SECTIONS - SB AUXILIARY LANES	TS-3	9
TYPICAL SECTIONS - US HIGHWAY 49 - PARTIAL SECTIONS - NB AUXILIARY LANES	TS-4	10
TYPICAL SECTIONS - US HIGHWAY 49 - PARTIAL SECTIONS - U-TURN BULB OUTS	TS-5	11
TYPICAL SECTIONS - US HIGHWAY 49 - DIRECTIONAL CROSSOVERS	TS-6	12
TYPICAL SECTIONS - LOCAL ROADS	TS-7	13
TYPICAL SECTIONS - RANDOM CLEARING & GRUBBING - ROADSIDE CLEAR ZONES REQUIRED	TS-8	14
QUANTITY SHEETS (15)		
SUMMARY OF QUANTITIES	SQ-1	15
SUMMARY OF QUANTITIES	SQ-2	16
SUMMARY OF QUANTITIES	SQ-3	17
SUMMARY OF QUANTITIES	SQ-4	18
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	19
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-2	20
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-3	21
ESTIMATED QUANTITIES - JUNCTION BOXES AND EDGE DRAIN OUTLETS	EQ-4	22
ESTIMATED QUANTITIES - DRIVEWAYS, SIDE DRAINS, AND CURB & GUTTER	EQ-5	23
ESTIMATED QUANTITIES - EARTHWORK AND PERMANENT EROSION CONTROL	EQ-6	24
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ-7	25
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL AND PAVEMENT MARKINGS	EQ-8	26
ESTIMATED QUANTITIES FOR STANDARD ROADSIDE SIGNS	EQ-9	27
ESTIMATED QUANTITIES FOR STANDARD ROADSIDE SIGN ASSEMBLIES	EQ-10	28
ESTIMATED QUANTITIES FOR DIRECTIONAL SIGN ASSEMBLIES	EQ-11	29

DESCRIPTION OF SHEET


DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PLAN & PROFILE SHEETS (13)		
US HIGHWAY 49 - B.O.P. TO STA. 875+00	WK3	30
STATE ROUTE 149 - STA. 7+50 TO STA. 10+00	WK3A	31
OLD GRAVEL 49 - STA. 10+00 TO STA. 12+10	WK3B	32
US HIGHWAY 49 - STA. 875+00 TO STA. 905+00	WK4	33
STATE ROUTE 540 - STA. 7+50 TO STA. 10+00	WK4A	34
STATE ROUTE 540 - STA. 10+00 TO STA. 12+80	WK4B	35
US HIGHWAY 49 - STA. 905+00 TO STA. 935+00	WK5	36
US HIGHWAY 49 - STA. 935+00 TO STA. 965+00	WK6	37
US HIGHWAY 49 - STA. 965+00 TO E.O.P.	WK7	38
EAST STREET - STA. 5+50 TO STA. 10+00	WK7A	39
EAST STREET - STA. 10+00 TO STA. 12+80	WK7B	40
STATE ROUTE 13 - STA. 128+00 TO STA. 138+50	WK8	41
EAST STREET AT SR 13 - STA. 6+00 TO STA. 10+05	WK8A	42
INTERSECTION DETAIL SHEETS (8)		
INTERSECTION DETAIL - US HWY 49 - SB MEDIAN U-TURN - STA. 862+00	ID-1	43
INTERSECTION DETAIL - US HWY 49 AT STATE ROUTE 149	ID-2	44
INTERSECTION DETAIL - US HWY 49 AT STATE ROUTE 540	ID-3	45
INTERSECTION DETAIL - US HWY 49 - NB MEDIAN U-TURN - STA. 905+00	ID-4	46
INTERSECTION DETAIL - US HWY 49 - SB MEDIAN U-TURN - STA. 957+25	ID-5	47
INTERSECTION DETAIL - US HWY 49 AT EAST STREET	ID-6	48
INTERSECTION DETAIL - US HWY 49 AT EAST STREET	ID-7	49
INTERSECTION DETAIL - STATE ROUTE 13 AT EAST STREET	ID-8	50
FORM GRADE SHEETS (8)		
FORM GRADES - US HWY 49 - SB MEDIAN U-TURN - STA. 862+00	FG-1	51
FORM GRADES - US HWY 49 AT STATE ROUTE 149	FG-2	52
FORM GRADES - US HWY 49 AT STATE ROUTE 540	FG-3	53
FORM GRADES - US HWY 49 - NB MEDIAN U-TURN - STA. 905+00	FG-4	54
FORM GRADES - US HWY 49 - SB MEDIAN U-TURN - STA. 957+25	FG-5	55
FORM GRADES - US HWY 49 AT EAST STREET	FG-6	56
FORM GRADES - US HWY 49 AT EAST STREET	FG-7	57
FORM GRADES - STATE ROUTE 13 AT EAST STREET	FG-8	58

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ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



PS & E PLANS-DATE: 12/12/2024
FMS CON. # 109138/301000

REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	DETAILED INDEX	
DATE		
	PROJ. NO.: HSIP-0008-02(124) COUNTY: SIMPSON WORKING NUMBER DI-1	
FILENAME: <u>di.dgn</u> DESIGN TEAM <u>NSI</u> CHECKED _____ DATE _____		SHEET NUMBER 2

STATE	PROJECT NO.
MISS.	HSIP-0008-02(124)

DESCRIPTION OF SHEET

DESCRIPTION OF SHEET

TRAFFIC CONTROL PLANS (27)

DESCRIPTION	WKG. NO.	SH. NO.
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - DETAIL CONSTRUCTION SIGNING	DCS-1	59
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - DETAIL CONSTRUCTION SIGNING	DCS-2	60
TRAFFIC CONTROL PLAN - STATE ROUTE 13 - DETAIL CONSTRUCTION SIGNING	DCS-3	61
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE I - STA. 820+00 TO STA. 851+00	TC-1	62
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE I - STA. 851+00 TO STA. 879+00	TC-2	63
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE I - STA. 879+00 TO STA. 907+00	TC-3	64
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE I - STA. 907+00 TO STA. 935+00	TC-4	65
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE I - STA. 935+00 TO STA. 963+00	TC-5	66
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE I - STA. 963+00 TO STA. 994+50	TC-6	67
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE I - STA. 994+50 TO STA. 1024+00	TC-7	68
TRAFFIC CONTROL PLAN - SR 13 - PHASE I - STA. 125+00 TO STA. 141+00	TC-8	69
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE II - STA. 820+00 TO STA. 851+00	TC-9	70
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE II - STA. 851+00 TO STA. 879+00	TC-10	71
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE II - STA. 879+00 TO STA. 907+00	TC-11	72
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE II - STA. 907+00 TO STA. 935+00	TC-12	73
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE II - STA. 935+00 TO STA. 963+00	TC-13	74
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE II - STA. 963+00 TO STA. 994+50	TC-14	75
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE II - STA. 994+50 TO STA. 1024+00	TC-15	76
TRAFFIC CONTROL PLAN - SR 13 - PHASE II - STA. 125+00 TO STA. 141+00	TC-16	77
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE III - STA. 820+00 TO STA. 851+00	TC-17	78
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE III - STA. 851+00 TO STA. 879+00	TC-18	79
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE III - STA. 879+00 TO STA. 907+00	TC-19	80
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE III - STA. 907+00 TO STA. 935+00	TC-20	81
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE III - STA. 935+00 TO STA. 963+00	TC-21	82
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE III - STA. 963+00 TO STA. 994+50	TC-22	83
TRAFFIC CONTROL PLAN - US HIGHWAY 49 - PHASE III - STA. 994+50 TO STA. 1024+00	TC-23	84
TRAFFIC CONTROL PLAN - SR 13 - PHASE III - STA. 125+00 TO STA. 141+00	TC-24	85

EROSION CONTROL PLANS (6)

DESCRIPTION	WKG. NO.	SH. NO.
EROSION CONTROL PLAN - US HIGHWAY 49 - B.O.P. TO STA. 875+00	ECP-3	86
EROSION CONTROL PLAN - US HIGHWAY 49 - STA. 875+00 TO STA. 905+00	ECP-4	87
EROSION CONTROL PLAN - US HIGHWAY 49 - STA. 905+00 TO STA. 935+00	ECP-5	88
EROSION CONTROL PLAN - US HIGHWAY 49 - STA. 935+00 TO STA. 965+00	ECP-6	89
EROSION CONTROL PLAN - US HIGHWAY 49 - STA. 965+00 TO E.O.P.	ECP-7	90
EROSION CONTROL PLAN - STATE ROUTE 13 - STA. 128+00 TO STA. 138+50	ECP-8	91

SPECIAL DESIGN DRAWINGS (7)

DESCRIPTION	WKG. NO.	SH. NO.
VEGETATION SCHEDULE	VS-1	92
SIGN SUPPORT HARDWARE - 2.0" SQUARE POST	TSS-1	93
SIGN SUPPORT HARDWARE - 2.5" SQUARE POST	TSS-2	94
MISCELLANEOUS CONSTRUCTION DETAILS	MCD-1	95
EDGE DRAIN DETAIL - CONCRETE APRON AND RODENT SCREEN	ED-1	96
EDGE DRAIN DETAIL - TYPICAL INSTALLATION	ED-2	97
SPECIAL DESIGN - STORM SEWER INLET - TYPE SS-2 MODIFIED	SD-SS-2	98

PAVEMENT MARKING DETAILS (6)

DESCRIPTION	WKG. NO.	SH. NO.
PAVEMENT MARKING DETAILS - US HIGHWAY 49 - B.O.P. TO STA. 879+00	PMD-1	99
PAVEMENT MARKING DETAILS - US HIGHWAY 49 - STA. 879+00 TO STA. 907+00	PMD-2	100
PAVEMENT MARKING DETAILS - US HIGHWAY 49 - STA. 907+00 TO STA. 935+00	PMD-3	101
PAVEMENT MARKING DETAILS - US HIGHWAY 49 - STA. 935+00 TO STA. 963+00	PMD-4	102
PAVEMENT MARKING DETAILS - US HIGHWAY 49 - STA. 963+00 TO E.O.P.	PMD-5	103
PAVEMENT MARKING DETAILS - EAST STREET AT SR 13	PMD-6	104

PERMANENT SIGNING PLANS (8)


DESCRIPTION	WKG. NO.	SH. NO.
PERMANENT SIGNING PLAN - US HIGHWAY 49 - B.O.P. TO STA. 879+00	PSP-1	1001
PERMANENT SIGNING PLAN - US HIGHWAY 49 - STA. 879+00 TO STA. 907+00	PSP-2	1002
PERMANENT SIGNING PLAN - US HIGHWAY 49 - STA. 907+00 TO STA. 935+00	PSP-3	1003
PERMANENT SIGNING PLAN - US HIGHWAY 49 - STA. 935+00 TO STA. 963+00	PSP-4	1004
PERMANENT SIGNING PLAN - US HIGHWAY 49 - STA. 963+00 TO E.O.P.	PSP-5	1005
PERMANENT SIGNING PLAN - EAST STREET AT SR 13	PSP-6	1006
PERMANENT SIGNING PLAN - US HWY 49 - DIRECTIONAL SIGNS	PSP-7	1007
PERMANENT SIGNING PLAN - US HWY 49 - DIRECTIONAL SIGNS	PSP-8	1008

STANDARD DRAWINGS (71)

DESCRIPTION	WKG. NO.	SH. NO.
CONCRETE ISLAND PAVEMENT DETAILS	CIP-1	6011
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1	6051
PAVEMENT MARKING LEGEND DETAILS	PM-5	6055
PAVEMENT MARKING LEGEND DETAILS	PM-6	6056
2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE)	PM-11	6061
2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4-LANE)	PM-12	6062
RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT OR WIDER ASPHALT SHOULDERS)	RS-2	6065
TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
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
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
ROCK DITCH CHECK	ECD-8	6108
ROCK FILTER DAM	ECD-9	6109
ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112
INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116

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ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		
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DESIGN TEAM	NSI	CHECKED
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		3

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DESCRIPTION OF SHEET

STANDARD DRAWINGS (CONT'D.)

DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
 DETAILS OF TYPICAL DITCH TREATMENTS
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)
 EROSION CONTROL BLANKET
 ROUTE SHIELDS AND "EXIT ONLY" PANELS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGNS
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
 TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS
 BREAKAWAY SIGN SUPPORTS
 BREAKAWAY SIGN SUPPORTS
 SIGN FACE CONST. AND ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)
 TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)
 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)
 HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
 TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANES ROADS
 TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS
 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
 RURAL DRIVEWAYS
 TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS
 SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE
 SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE
 DRIVEWAYS, CURB & GUTTER & SIDEWALK
 MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS
 DETAILS OF PAVED FLUMES
 PIPE CULVERT INSTALLATION
 FLEXIBLE PIPE CULVERT INSTALLATION
 CONCRETE PIPE COLLAR

WKG. NO.	SH. NO.
ECD-21	6121
DT-1	6123
BAS-A	6125
ECB-1	6131
SN-2	6302
SN-3	6303
SN-3A	6304
SN-3B	6305
SN-4	6306
SN-4A	6307
SN-4B	6308
SN-5	6309
SN-6	6310
SN-6A	6311
SN-7	6313
TCP-1	6351
TCP-5	6355
TCP-8	6358
TCP-9	6359
TCP-12	6362
TCP-13	6363
TCP-15	6365
TCP-16	6366
RD-1	6403
GT-1	6404
SE-2A	6408
SE-3A	6413
SD-1	6419
MDS-1	6425
PF-1	6426
PI-1	6501
PI-2	6502
PC-1	6503

DESCRIPTION OF SHEET

STANDARD DRAWINGS (CONT'D.)

JUNCTION BOX FOR PIPE CULVERTS
 JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD (MAXIMUM "W"=9'-3")
 TYPE I MEDIAN INLET (24" PIPE AND UNDER)
 TYPE I MEDIAN INLET (29" TO 51" PIPE)
 TYPE II MEDIAN INLET (51" PIPE AND UNDER)
 MEDIAN INLET (FLUSH WITH FORESLOPE)
 MEDIAN INLET (FLUSH WITH DITCH PLUG)
 DETAILS OF GRATES FOR MEDIAN INLETS
 DETAILS OF GRATES FOR GUTTER INLETS
 GUTTER INLET FOR TYPE 2 CURB (OUTLET 90° TO ROADWAY)
 PAVED INLET APRON AND MEDIAN DITCH PLUG
 STORM SEWER INLET TYPE SS-2
 DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS
 FLARED END SECTION FOR CONCRETE PIPE
 FLARED END SECTION FOR CONCRETE ARCH PIPE

CROSS SECTIONS (45)

US HIGHWAY 49 - MAINLINE
 LOCAL ROADS

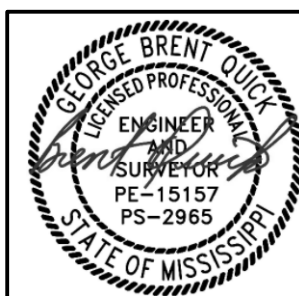
TOTAL SHEETS 228

WKG. NO.	SH. NO.
JB-1	6504
JB-2	6506
MI-1	6508
MI-1A	6509
MI-2	6511
MI-4	6514
MI-4A	6515
IG-1	6516
IG-2	6517
GI-1	6518
PA-1	6520
SS-2	6524
B-9	6527
FE-1	6530
FE-1A	6531

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PLAN DIVISION
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		 12-4-2024 WORKING NUMBER DI-3 SHEET NUMBER 4
PROJ. NO.: HSIP-0008-02(124) COUNTY: SIMPSON	FILENAME: _di.dgn DESIGN TEAM NSI CHECKED _____ DATE _____	

GENERAL NOTES

STATE	PROJECT NO.
MISS.	HSIP-0008-02(124)

DRAINAGE STRUCTURES

- ALL PIPE JOINTS ARE TO BE WRAPPED 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 ITEMS BID.
- 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.
- THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- 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.
- TOEWALLS ARE REQUIRED AT ALL FLARED END SECTIONS.
- ALL SIZES OF FLARED END SECTIONS MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE JOINTS.
- PAVED APRONS (PA-1) REQUIRED AT ALL MEDIAN INLETS.

EARTHWORK

- 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- 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.
- 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.
- 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.

ENVIRONMENTAL & CLEARING

- NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.

EROSION CONTROL - TEMPORARY

- WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- 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.
- ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

PAVEMENT, BASE, AND SHOULDERS

- 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.
- TEMPORARY PAVEMENT JOINTS (PAPER JOINTS) SHALL BE EMPLOYED AT ALL LOCATIONS REQUIRING TRAFFIC TO TRAVERSE AN UNEVEN PAVEMENT JOINT. PAPER JOINTS SHALL BE A MINIMUM OF 9 FEET IN LENGTH AND SHALL BE ADEQUATELY MAINTAINED.
- 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

- 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.
- 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.

TRAFFIC CONTROL - PERMANENT

- 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.
- 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.
- 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.
- DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.

TRAFFIC CONTROL - PERMANENT (CONT'D.)

- ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.
- THE RETROREFLECTIVE SIGN SHEETING ON PERMANENT GROUND-MOUNTED SIGNS SHALL BE AS FOLLOWS: BROWN BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE VIII; GREEN AND BLUE BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE IX; ALL WHITE, YELLOW, FLUORESCENT YELLOW AND FLUORESCENT YELLOW/GREEN SHEETING SHALL BE TYPE XI. ALL SIGN SHEETING ON OVERHEAD SIGNS SHALL BE TYPE XI.
- ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM; HOWEVER, ALL ALUMINUM SIGN FACE MATERIAL SHALL BECOME THE PROPERTY OF MDOT. THE ALUMINUM SIGN FACE MATERIAL SHALL BE SORTED ACCORDING TO SIZE AND SHAPE AND STORED ON PALLETS AT A LOCATION APPROVED BY THE PROJECT ENGINEER. CONTRACTOR SHALL ARRANGE WITH THE PROJECT ENGINEER A SUITABLE TIME FOR PICK-UP BY MDOT. MDOT RESERVES THE RIGHT TO REFUSE ANY MATERIAL THAT IS DAMAGED OR UNSUITABLE FOR REFURBISHMENT. ANY REJECTED ALUMINUM SIGN FACE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- ALL SIDE ROAD, STOP SIGN MOUNTED STREET NAME SIGNS TO BE SALVAGED AND STORED AT THE DIRECTION OF THE PROJECT ENGINEER FOR DELIVERY TO THE CITY (NOT A SEPARATE PAY ITEM).
- 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.
- REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.

TRAFFIC CONTROL - TEMPORARY

- THE CONTRACTOR SHALL COORDINATE AND CONDUCT WORK AT LOCAL ROADS AND DRIVEWAYS IN A MANNER SUCH THAT ACCESS IS NOT INTERRUPTED UNNECESSARILY. ACCESS SHALL BE PRESERVED IN THE BEST MANNER POSSIBLE. COORDINATION AND COMMUNICATION WITH LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.
- THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- 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.
- 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.
- THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

UTILITIES

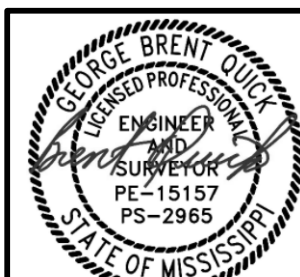
- UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
- FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.

MISCELLANEOUS

- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING MAIL BOXES AS NECESSARY TO MAINTAIN CONTINUOUS MAIL SERVICE THROUGHOUT THE LIFE OF THE PROJECT, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL COORDINATE AND CONDUCT WORK AT LOCAL ROADS AND DRIVEWAYS IN A MANNER SUCH THAT ACCESS IS NOT INTERRUPTED UNNECESSARILY. ACCESS SHALL BE PRESERVED IN THE BEST MANNER POSSIBLE. COORDINATION AND COMMUNICATION WITH LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.

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, STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, NOTICES TO BIDDERS AND CONTRACT FORMS BEFORE SUBMITTING A PROPOSAL."

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
	
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