

STATE	PROJECT NUMBER	sheet no.
MISSISSIPPI	BR-2909-00(006)	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 checked="" 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 checked="" type="checkbox"/> CROSS SECTIONS	9001

## STATE OF MISSISSIPPI

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

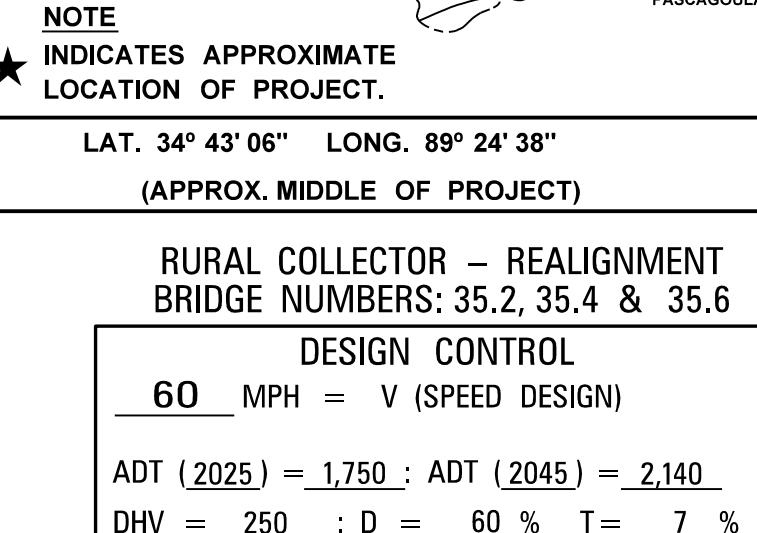
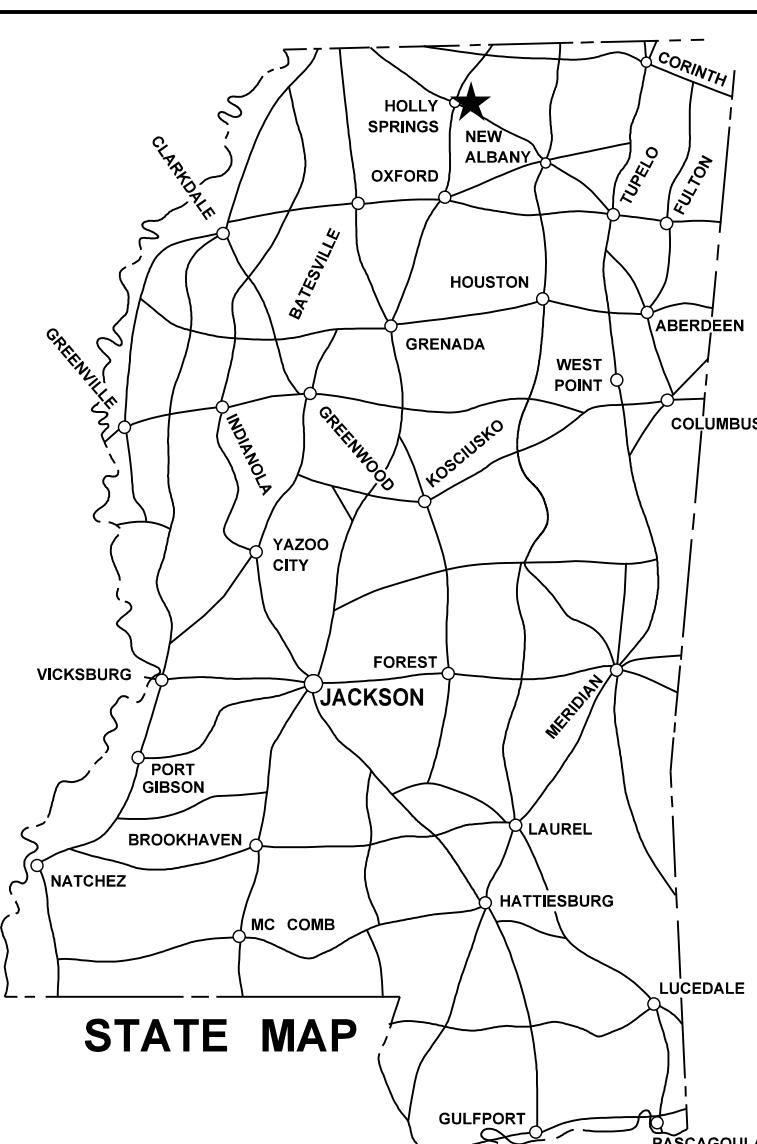
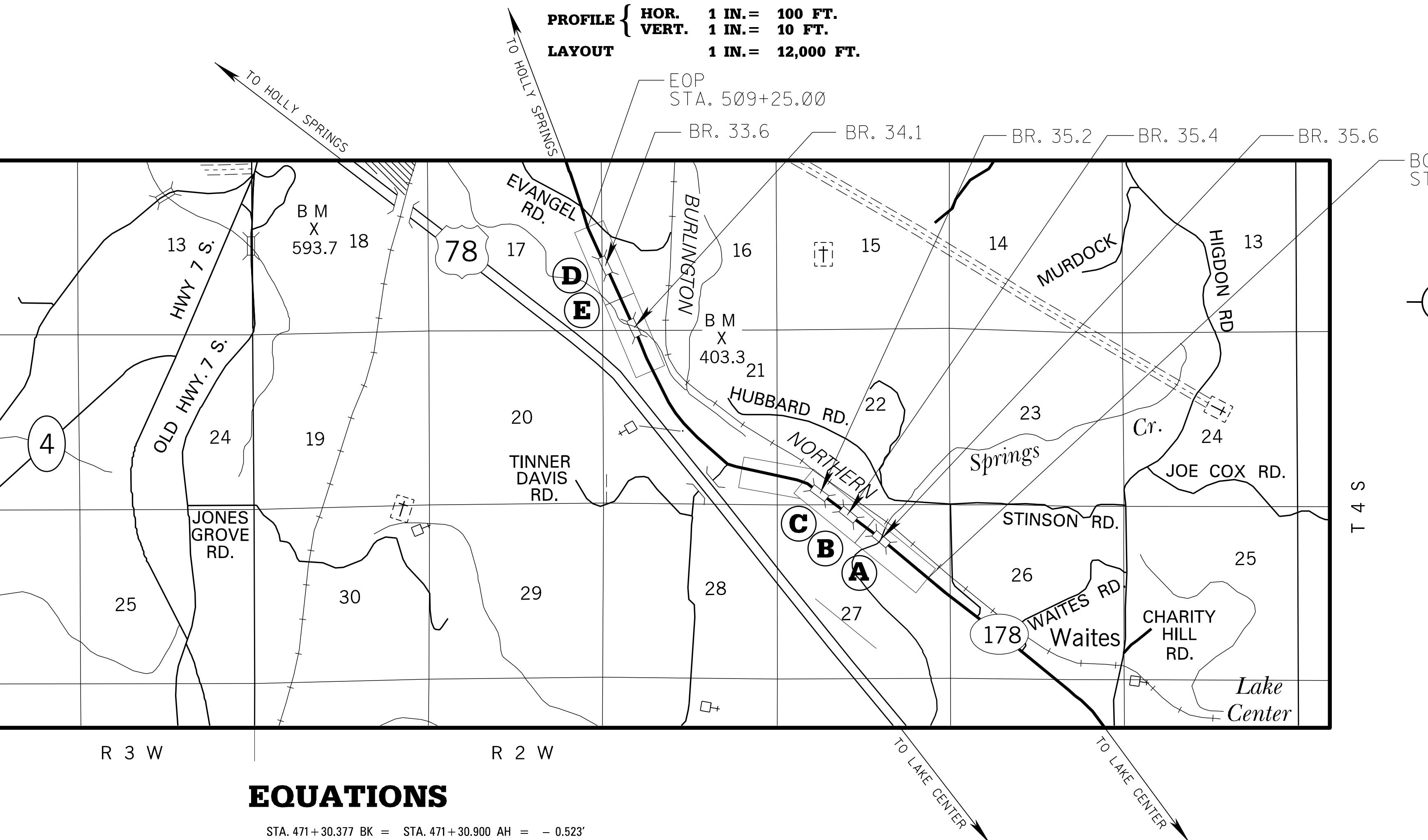
# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

## FEDERAL AID PROJECT NO. BR-2909-00(006)

SR 178 BRIDGE REPLACEMENTS  
BRIDGE NOS. 33.6, 34.1, 35.2, 35.4 AND 35.6  
MARSHALL COUNTY

FMS CON 106103 / 301000

SCALES  
 PLAN 1 IN. = 100 FT.  
 PROFILE { HOR. 1 IN. = 100 FT.  
 VERT. 1 IN. = 10 FT.  
 LAYOUT 1 IN. = 12,000 FT.



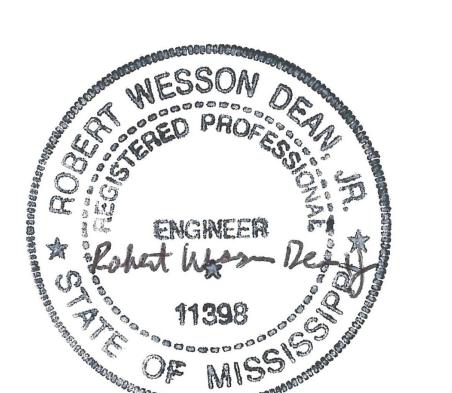
PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	Y	Y
GENERAL*	N	N
INDIVIDUAL (404)*	N	N
STORMWATER PERMIT	Y	
Y REQUIRED CNOI SUBMITTED BY MDOT (DISTURBED AREA=5 ACRES)		
S REQUIRED SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)		
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)		
APPROVED BY:		



ROADWAY



HYDRAULICS



TRAFFIC

## CONVENTIONAL SYMBOLS

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

## EQUATIONS

STA. 471+30.377 BK = STA. 471+30.900 AH = - 0.523'

## LENGTH DATA

	BRIDGE 33.6	BRIDGE 34.1	BRIDGES 35.2, 35.4, 35.6	PROJECT TOTALS
LENGTH OF ROADWAY	1,875.000 FT.	0.355 MI.	1,949.477 FT. 0.369 MI.	5,220.000 FT. 0.989 MI.
LENGTH OF BRIDGES	100.000 FT.	0.019 MI.	0.000 FT. 0.000 MI.	880.000 FT. 0.167 MI.
LENGTH OF PROJECT (NET)		0.374 MI.		
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.	0.369 MI.	1.156 MI.
LENGTH OF PROJECT (GROSS)		0.374 MI.		
			0.000 FT. 0.000 MI.	0.000 FT. 0.000 MI.
			0.369 MI.	1.156 MI.

P S &amp; E DATE: 09/28/2023

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



**1st O.REV.**

## 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
GENERAL NOTES	GN-1	4
GENERAL NOTES	GN-2	5
GENERAL NOTES	GN-3	6
TYPICAL SECTION SHEETS (3)		
TYPICAL SECTIONS	TS-1	7
TYPICAL SECTIONS	TS-2	8
TYPICAL SECTIONS	TS-3	9
SUMMARY OF QUANTITIES (4)		
SUMMARY OF QUANTITIES	SQ-1	10
SUMMARY OF QUANTITIES	SQ-2	11
SUMMARY OF QUANTITIES	SQ-3	12
SUMMARY OF QUANTITIES	SQ-4	13
ESTIMATED QUANTITIES (16)		
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	14
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-2	15
ESTIMATED QUANTITIES - EARTHWORK ITEMS	EQ-3	16
ESTIMATED QUANTITIES - GRASSING ITEMS	EQ-4	17
ESTIMATED QUANTITIES - EROSION CONTROL ITEMS	EQ-5	18
ESTIMATED QUANTITIES - BASE ITEMS	EQ-6	19
ESTIMATED QUANTITIES - PAVING ITEMS	EQ-7	20
ESTIMATED QUANTITIES - PAVING ITEMS	EQ-8	21
ESTIMATED QUANTITIES - PAVING ITEMS	EQ-9	22
ESTIMATED QUANTITIES - BRIDGE END ITEMS	EQ-10	23
ESTIMATED QUANTITIES - DRAINAGE ITEMS	EQ-11	24
ESTIMATED QUANTITIES - DRAINAGE ITEMS	EQ-12	25
ESTIMATED QUANTITIES - GUARDRAIL ITEMS	EQ-13	26
ESTIMATED QUANTITIES - PAVEMENT MARKING ITEMS	EQ-14	27
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-15	28
ESTIMATED QUANTITIES - PERMANENT SIGNING ITEMS	EQ-16	29
PLAN AND PROFILE SHEETS (5)		
PLAN AND PROFILE - MAINLINE	3	30
PLAN AND PROFILE - MAINLINE	4	31
PLAN AND PROFILE - MAINLINE	5	32
PLAN AND PROFILE - MAINLINE	6	33
PLAN AND PROFILE - MAINLINE	7	34

A circular stamp with a decorative border. The text inside reads "MICHAEL W. HAWKINS" at the top, "P. E. & S. E." in the middle, "ENGINEER" at the bottom, and "19738" at the bottom right.

A circular stamp with a double-lined outer border. The outer ring contains the text "JOSEPH C. REINIKE" at the top and "PROFESSIONAL" at the bottom, separated by a dotted line. The inner circle contains the word "ENGINEER" at the top and "S.T.S." at the bottom. Below the "S.T.S." is a handwritten signature "Joseph C. Reinike". At the bottom of the inner circle is the license number "15773".

## TRAFFIC

## HYDRAULICS

# **BROADWAY**

## DESCRIPTION OF SHEET

## EROSION CONTROL PLAN SHEETS (8)

EROSION CONTROL PLAN - MAINLINE	ECP-3	35
EROSION CONTROL PLAN - RIPARIAN BUFFER	ECP-RB-3	36
EROSION CONTROL PLAN - MAINLINE	ECP-4	37
EROSION CONTROL PLAN - MAINLINE	ECP-5	38
EROSION CONTROL PLAN - MAINLINE	ECP-6	39
EROSION CONTROL PLAN - RIPARIAN BUFFER	ECP-RB-6	40
EROSION CONTROL PLAN - MAINLINE	ECP-7	41
EROSION CONTROL PLAN - RIPARIAN BUFFER	ECP-RB-7	42
REMOVAL PLAN (3)		
REMOVAL PLAN	RP-1	43
REMOVAL PLAN	RP-2	44
REMOVAL PLAN	RP-3	45
SPECIAL DESIGN SHEETS (10)		
MISCELLANEOUS DETAILS	MD-1	46
MISCELLANEOUS TYPICAL SECTION DETAILS	MTSD-1	47
RIGHT OF WAY COORDINATES	RCS-1	48
EASEMENT COORDINATE SHEET	ECS-1	49
VEGETATION SCHEDULE	VS-1	50
BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	SDBE-1	51
37.5" BRIDGE END PAVEMENT RAIL	SDBER-1	52
SAND BLANKET TYPICAL SECTION & DETAIL	SBD-1	53
DETAIL OF CONSTRUCTION SIGNING	DCS-1	54
DETAIL OF CONSTRUCTION SIGNING	DCS-2	55
TRAFFIC CONTROL PLAN SHEETS (4)		
TRAFFIC CONTROL PLAN - DETOUR ROUTE BR. 33.6 & 34.1	TC-1	56
TRAFFIC CONTROL PLAN - BRIDGE 33.6 & 34.1	TC-2	57
TRAFFIC CONTROL PLAN - CONSTRUCTION PHASING DETAILS BR. 35.6, 35.4 & 35.2	TC-3	58
TRAFFIC CONTROL PLAN - BR. 35.6, 35.4 & 35.2	TC-4	59
PERMANENT SIGNING SHEETS (11)		
PERMANENT SIGNING PLAN	PSP-1	1001
PERMANENT SIGNING PLAN	PSP-2	1002
PERMANENT SIGNING PLAN	PSP-3	1003
PERMANENT SIGNING PLAN	PSP-4	1004
PERMANENT SIGNING PLAN	PSP-5	1005
SIGN REMOVAL PLAN	SRP-1	1006
SIGN REMOVAL PLAN	SRP-2	1007
SIGN REMOVAL PLAN	SRP-3	1008
SIGN REMOVAL PLAN	SRP-4	1009
SIGN REMOVAL PLAN	SRP-5	1010
TRAFFIC SIGN SUPPORTS - 2" PSST	TSS-1	1011

 Stantec

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**TAILED INDEX**

J. NO.: BR-2909-00(006)  
TY: MARSHALL



WORKING NUMBER  
**D-1**

## DESCRIPTION OF SHEET

ROADWAY STANDARD DRAWINGS (65)		
PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	PM-1	6051
RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)	RS-1	6064
TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
DETAILS OF SILT FENCE INSTILLATION	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 WATTERS	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
TEMPORARY CULVERT STREAM DIVERSION	ECD-17	6117
TEMPORARY STREAM DIVERSION	ECD-18	6118
TEMPORARY STREAM DIVERSION (BOX EXTENSION)	ECD-19	6119
FLOATING TURBIDITY CURTAIN	ECD-20	6120
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
SEDIMENT RETENTION BARRIER	ECD-22	6122
DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	6124
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN) (135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE)	BAS-D	6129
SUPER SILT FENCE	SSF-1	6130
GUARDRAIL: "W" BEAM (WOOD POSTS)	GR-1	6201
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 2-LANE, 2-WAY HIGHWAY	GR-4A	6215
GUARDRAIL: RUB RAIL HARDWARE	GR-RR	6218
STANDARD ROADSIDE SIGNS	SN-3A	6304
STANDARD ROADSIDE SIGNS	SN-3B	6305
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-6B	6312
TYPICAL INSTALLATION AND DETIALS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	6314
TYPICAL GUARDRAIL DELINEATION	SN-8C	6317
SIGNING DETAILS FOR BRIDGE APPROACHES	SN-9	6318
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-6	6356
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS	TCP-12	6362
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
RIGHT-OF-WAY MARKER	RW-1	6401
RURAL DRIVEWAYS	RD-1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	6404
SUPERELEVATION - CASE I (ROTATION ABOUT CENTERLINE)	SE-2A	6408
SUPERELEVATION RUNOFF - CASE I (ROTATION ABOUT THE CENTERLINE)	SE-3A	6413
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION GRADE POINTS	MDS-1	6425
DETAILS OF PAVED FLUMES	PF-1	6426
PIPE CULVERT INSTALLATION	PI-1	6501
FLEXIBLE PIPE CULVERT INSTALLATION	PI-2	6502
JUNCTION BOX FOR PIPE CULVERTS	JB-1	6504
JUNCTION BOX FOR BOX CULVERT TO CONCRETE ARCH PIPE	JB-1A	6505
FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530
FLARED END SECTION FOR CONCRETE ARCH PIPE	FE-1A	6531
HEADWALLS FOR CONCRETE ARCH PIPE, 4:1 SLOPE, 0° - 15° SKEW	HWA-4100	6582

## DESCRIPTION OF SHEET



**ROADWAY**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**MAILED INDEX**

J. NO.: BR-2909-00(006)  
NTY: MARSHALL



WORKING NUMBER  
**DI-2**

# GENERAL NOTES

## BRIDGES AND WALLS

1. THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
2. 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.

## DRAINAGE STRUCTURES

3. 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.
4. ALL PIPE JOINTS ARE TO BE WRAPPED COMPLETELY IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED WITH PLASTIC INSERTS AND COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

5. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT CONSTRUCTION JOINTS (SEE WK. NO. ICJ-1 FOR DETAILS).
6. THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.
7. THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID

# FARTHWORK

8. 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.
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. SMALL AMOUNTS OF EXCAVATION MAY BE NECESSARY AT SOME OF THE SITES. THIS MATERIAL MAY BE USED AS E.S.F.E. MATERIAL AND WILL BE PAID FOR AS BORROW. NO E.S.F.E. MATERIAL SHALL BE REMOVED FROM THE PROJECT WITHOUT THE APPROVAL OF THE ENGINEER.
11. VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

12. PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 6" 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.

13. A 25% SHRINKAGE FACTOR WAS USED IN THE EARTHWORK CALCULATIONS FOR DESIGN ESTIMATING PURPOSES ONLY.

# ENVIRONMENTAL & CLEARING

14. FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATIONS 396 + 35, 477 + 55, 502 + 00, SEE WORKING SHEET NUMBERS ECP-RB-3 THROUGH ECP-RB-7. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.

15. TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED FOR THE SITES AT STATIONS 395 + 23, 417 + 77, 477 + 50, 491 + 50 & 501 + 53. NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE PERMITTED AT STATION 404 + 78.

## EROSION CONTROL – TEMPORARY

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

17. 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 AT THE PRE-CONSTRUCTION CONFERENCE OR 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.

18. ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION AND MAINTENANCE OF CONSTRUCTION ENTRANCES SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

# PAVEMENT, BASE, AND SHOULDER

19. 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.

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,  
iTHE 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

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
REVISION	<b>GENERAL NOTES</b>		
DATE	<p><b>PROJ. NO.:</b> BR-2909-00(006)</p> <p><b>COUNTY:</b> MARSHALL</p> <p>FILENAME: <b>GN.dgn</b></p> <p>DESIGN TEAM <b>STANTEC</b> CHECKED <b>DATE</b></p>		
	 <p>WORKING NUMBER <b>GN-1</b></p> <p>SHEET NUMBER <b>4</b></p>		

STATE MISS.	PROJECT NO. BR-2909-00(006)
----------------	--------------------------------

# GENERAL NOTES

20. 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 3 FEET OF HORIZONTAL LENGTH PER 1" OF VERTICAL DEPTH AND SHALL BE ADEQUATELY MAINTAINED.

## PLANS

21. 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.

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

23. 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.

## ROADSIDE BARRIERS

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

## TRAFFIC CONTROL – PERMANENT

25. 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.

26. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.

27. 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.

28. 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.

29. 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.

30. ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

31. ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.

32. 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.

33. ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THIS WORK IS PAID FOR UNDER PAY ITEM 202-B215.

## TRAFFIC CONTROL – TEMPORARY

34. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

35. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH THE MUTCD (LATEST EDITION).

36. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.

37. 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.

38. 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.

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

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

## UTILITIES

41. 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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>GENERAL NOTES</b>			
REVISION BY	DATE	FILE NAME: GN.dgn	SHEET NUMBER 5
		PROJ. NO.: BR-2909-00(006)	
		COUNTY: MARSHALL	
		WORKING NUMBER <b>GN-2</b>	
		DESIGN TEAM: STANTEC CHECKED DATE	



# GENERAL NOTES

42. FOR LIST OF PUBLIC UTILITIES, SEE WORKING SHEET NO. 3.

## MISCELLANEOUS

43. 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.

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

45. 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.

46. 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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>GENERAL NOTES</b>					
PROJ. NO.: BR-2909-00(006)					
COUNTY: MARSHALL					
WORKING NUMBER <b>GN-3</b>					
FILE NAME: <b>GN.dgn</b>					
DESIGN TEAM <b>STANTEC</b> CHECKED DATE					
REVISION	DATE	REVISION	DATE	REVISION	DATE
JOSEPH C. REINKE LICENSSED PROFESSIONAL ENGINEER <i>Joseph C. Reinde</i> 15773 STATE OF MISSISSIPPI					
SHEET NUMBER <b>6</b>					