

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	1
GENERAL NOTES	1
TYPICAL SECTIONS	2
QUANTITIES	6
PLAN AND PROFILES	16
SPECIAL DESIGN - ROADWAY ITEMS	28
BRIDGE DRAWINGS	0
SPECIAL DESIGN - BRIDGES	0
CROSS-SECTIONS	0
TOTAL SHEETS	55

009-19-05

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NH-0008-03(049)

US HWY. 49 FROM APPROX. 2 MILES SOUTH OF SR 469 TO RICHLAND CREEK (CROSSOVER AND TURNLANES) RANKIN COUNTY

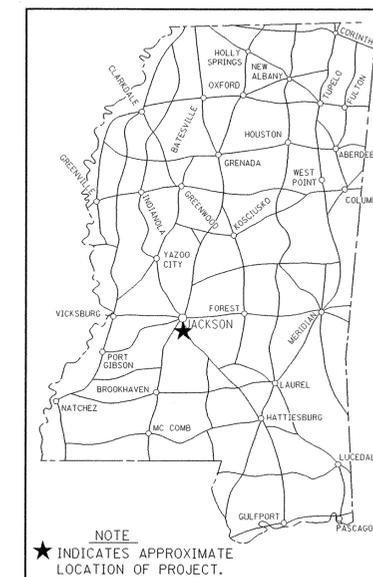
FMS 104400 /301000 CONST

B.O.P. STA. 480 + 00.000

SCALES

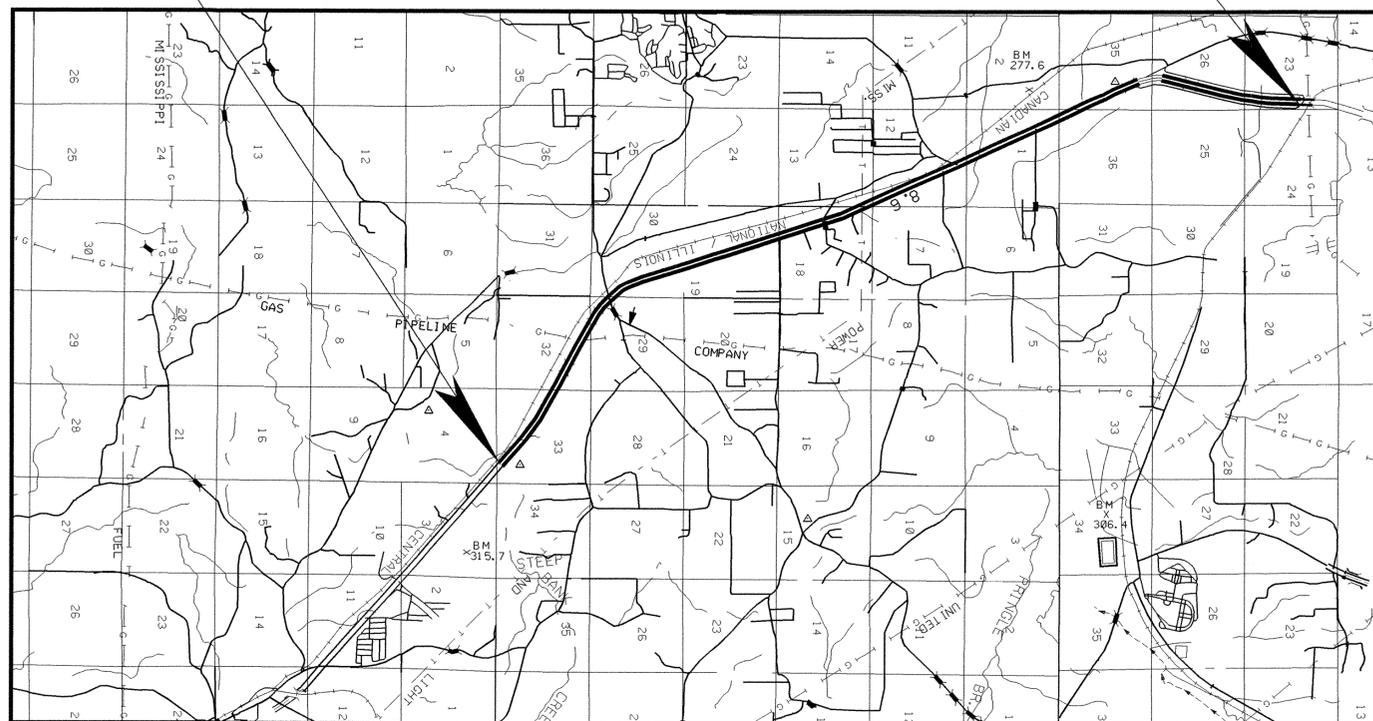
PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 5280 FT.

E.O.P. STA. 947 + 14.610 BK = STA. 946 + 20.000 AH.



BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.



EQUATIONS

EXCEPTIONS

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

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

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	Y	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + (NTB 6484))

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (NTB 6483)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: CKP DATE: 9/19/05

APPROVED: *Harry Lee James* 09-19-05
CHIEF ENGINEER DATE

APPROVED: *Samuel R. Brown* 9-19-05
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: _____ DATE _____
DIVISION ADMINISTRATOR

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

1st O. REV.

STATE	PROJECT NO.
MISS.	NH-0008-03(049)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)			1	STANDARD DRAWINGS - ROADWAY SHEETS (CONT.)		
DETAILED INDEX & GENERAL NOTES (2)						
DETAILED INDEX	DI-1		2	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)	TEC-1	142
GENERAL NOTES	GN-1		3	DETAILS OF DITCH TREATMENT	DT-1	145
TYPICAL SECTION SHEETS (2)				TYPICAL CROSSOVER DELINEATORS	12-01-99 SN-8B	235
TYPICAL CROSSOVER FOR DEPRESSED SECTIONS	TS-1		4	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE LANE OF TWO-WAY TRAFFIC)	TCP-1	250
TYPICAL CROSSOVER FOR RAISED SECTIONS	TS-2		5	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)	TCP-2	251
				TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)	TCP-3	252
QUANTITY SHEETS (6)				TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)	TCP-4	253
SUMMARY OF QUANTITIES	SQ-1		6	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)	TCP-5	254
SUMMARY OF QUANTITIES	SQ-2		7	SHORT DURATION CLOSING OF TWO-LANE, TWO-WAY HIGHWAYS	TCP-8	257
SUMMARY OF QUANTITIES	SQ-3		8	SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-9	258
SUMMARY OF QUANTITIES	SQ-4		9	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259
ESTIMATED QUANTITIES-SIGNS AND TRAFFIC CONTROL ITEMS	TCQ-1		10	TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS	TCP-14	263
SUMMARY OF PAVEMENT MARKING FOR CROSSOVER	SCPM-1		11	DRIVEWAYS, CURB & GUTTER, & SIDEWALK	SD-1	287
				DRIVEWAYS, INTEGRAL CURB, & SIDEWALK	SD-2	288
PLAN & PROFILE SHEETS (16)				DETAILS OF PAVED FLUMES	PF-1	291
STA. 480+00 TO STA. 510+00	3		12	PIPE CULVERT INSTALLATION	PI-1	300
STA. 510+00 TO STA. 540+00	4		13	PIPE COLLAR-CONCRETE	PC-1	301
STA. 540+00 TO STA. 570+00	5		14	JUNCTION BOX FOR PIPE CULVERTS	JB-1	302
STA. 570+00 TO STA. 600+00	6		15	BRANCH CONNECTIONS	BC-1	305
STA. 600+00 TO STA. 630+00	7		16	MEDIAN INLET (FLUSH WITH FORESLOPE)	MI-4	312
STA. 630+00 TO STA. 660+00	8		17			
STA. 660+00 TO STA. 690+00	9		18			
STA. 690+00 TO STA. 720+00	10		19	CROSS SECTIONS (Ø)		
STA. 720+00 TO STA. 750+00	11		20			
STA. 750+00 TO STA. 780+00	12		21			
STA. 780+00 TO STA. 810+00	13		22			
STA. 810+00 TO STA. 840+00	14		23			
STA. 840+00 TO STA. 870+00	15		24			
STA. 870+00 TO STA. 900+00	16		25			
STA. 900+00 TO STA. 930+00	17		26			
STA. 930+00 TO STA. 960+00	18		27	TOTAL SHEETS		55
SPECIAL DESIGN SHEETS (3)						
VEGETATION SCHEDULE URBAN- ALL TYPES EXCLUDING MS DELTA	VEG-1		28			
DETAIL OF CONSTRUCTION SIGNING	CS-1		29			
DETAILS OF LOCATION OF R16-3 SIGNS AND DRUM PLACEMENT	DSD-1		30			

STANDARD DRAWINGS - ROADWAY SHEETS (25)

PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVIDED ROADWAYS	(12-01-99)	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-5	124
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL		EC-1	140

PS & E PLANS-DATE 9/19/05		
FMS CON. 104400/301000		
REVISIONS		
DATE	SHEET NO.	BY
11/21/05	8	DBS
2/07/07	3,6,7,8,9,11	GM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. NH-0008-03(049)	
COUNTY : RANKIN	
WORKING NUMBER	DI-1
FILENAME: <u>DETAIL INDEX.DGN</u>	SHEET NUMBER
DESIGN TEAM <u>MANGUM</u> CHECKED <u> </u> DATE <u> </u>	2

2/8/2007 11:22 PM DETAIL-INDEX.DGN

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. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. EXISTING OR TEMPORARY PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE.(ABSORBED ITEM)
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHOULD BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. 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. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. 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.
6. TOE WALLS ARE REQUIRED AT ALL UPSTREAM AND DOWNSTREAM NEW FLARED END SECTIONS
7. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
9. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC 24" WIDTH. ALL PICKUP HOLES ARE TO BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).
10. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
11. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM), EXCEPT WHERE SHOWN ON THE TRAFFIC CONTROL PLANS.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE 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.
13. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.
14. WIRE BACKING WILL BE REQUIRED ON ALL SILT FENCES FOR DETAILS SEE WK. SHT. NO. TEC-1.
15. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
16. WORK ON DRAINAGE STRUCTURES AND OTHER STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF THE TRAVELING PUBLIC. THEREFORE , THE RISK OF FAILURE OCCURING DURING THE EXCAVATION REQUIRES CAUTION TO BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE TRAVELING PUBLIC AND WORKMEN NEAR THE EXCAVATION. ALL COST FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIAL AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, INCLUDING SHEET PILES, SHALL BE INCLUDED IN THE BID PRICE FOR THE ITEM OF WORK.
17. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
18. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 TO 100 L.F. OF DITCH, 8 BALES PER INLET AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS)
19. THE CONTRACTOR SHALL ERECT AND MAINTAIN CONSTRUCTION SIGNING AND PROVIDE ALL SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY TO SAFELY MAINTAIN TRAFFIC AROUND AND THROUGH THE WORK AREAS IN ACCORDANCES WITH TRAFFIC CONTROL PLAN AND THE MUTCD. THE COST IS TO BE INCLUDED IN THE PRICE BID FOR PAY ITEM NO. 618-A, MAINTENANCE OF TRAFFIC
20. MOBILIZATION AND INCIDENTAL WORK SUCH AS REMOVING VEGETATION SHAPING AND COMPACTING SHOULDERS REMOVING AND RESETTING SIGNS REMOVING EXCESS ASPHALT MATERIAL PROJECT CLEAN-UP AND OTHER ITEMS OF INCIDENTAL WORK NECESSARY TO COMPLETE THE PROJECT WILL NOT BE MEASURED FOR SEPARATE PAYMENT AND WILL BE CONSIDERED INCLUDED IN THE PRICES OF ITEMS BID.
21. LITTER SHALL BE REMOVED FROM THE PROJECT RIGHT-OF-WAY AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT LEAST MONTHLY DURING THE LIFE OF THE PROJECT. LITTER SHALL INCLUDE BUT NOT BE LIMITED TO SOLID WASTES SUCH AS GLASS PAPER PRODUCTS TRIES WOOD PRODUCTS METAL SYNTHETIC MATERIALS AND OTHER MISCELLANEOUS DEBRIS. IN ADDITIONAL TO THE MONTHLY LITTER REMOVAL THE CONTRACTOR SHALL ON A DAILY BASIS REMOVE ALL DEBRIS FROM WITHIN THE ROADWAY AND A 30 FOOT CLEAR ZONE WHICH IN THE OPINION OF THE ENGINEER IS A HAZARD TO THE TRAVELING PUBLIC. NO DIRECT PAYMENT WILL BE MADE FOR THE LITTER AND / OR DEBRIS REMOVAL THE COST IS TO BE INCLUDED IN THE PRICES OF ITEM BID. FAILURE OF THE CONTRACTOR TO REMOVE LITTER AND / OR DEBRIS AS PRESCRIBED HEREIN SHALL BE JUST CAUSE FOR WITHHOLDING THE MONTHLY PROGRESS ESTIMATE PAYMENT UNTIL THE LITTER AND / OR DEBRIS IS SATISFACTORILY REMOVED BY THE CONTRACTOR.
22. PORTLAND CEMENT FOR STRUCTURAL CONCRETE SHOULD BE TYPE II OR TYPE I WITH A MAXIMUM TRICALCIUM ALUMINATE CONTENT OF 8%.
23. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE REMOVAL/ SALVAGED EXISTING LANDSCAPING ITEMS PRIOR TO CONSTRUCTION OF THE PROJECT.(NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON PLANS)
24. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE REMOVAL/ SALVAGED EXISTING LIGHTING ITEMS PRIOR TO CONSTRUCTION OF THE PROJECT.(NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON PLANS)

PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION
2/8/2007 1:27 PM GN.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
GENERAL NOTES			
PROJECT NO: NH-0008-03(049)			WORKING NUMBER
COUNTY: RANKIN			GN-1
FILENAME: GN.DGN	DATE: 2/7/07		SHEET NUMBER
DESIGN TEAM	MANGUM	CHECKED	3