

1st O.REV.

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 STANDARD DWGS ..	6001
<input type="checkbox"/> BRIDGE STANDARD DWGS	7001
<input 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. ER-0049-01(040)

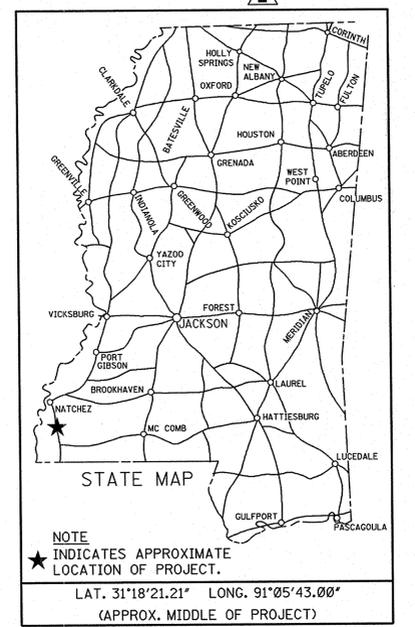
S.R. 33 BETWEEN CROSBY AND HOMOCHITTO RIVER
SLIDE REPAIR - HURRICANE ISAAC
WILKINSON COUNTY

FMS CONST.106623/301000

SCALES

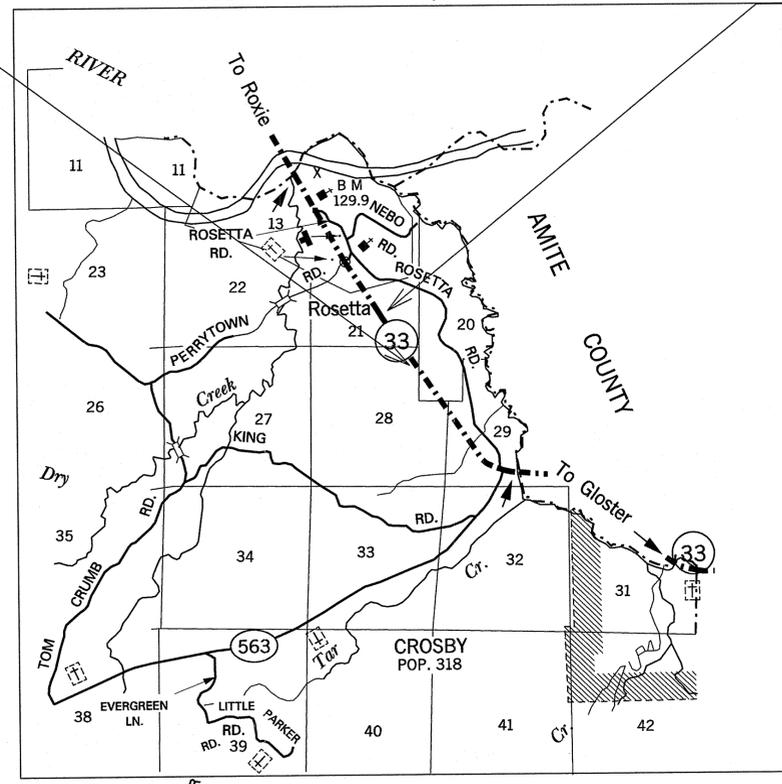
PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 3,179 FT.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ER-0049-01(040)	1



B.O.P STA 63+50.00

E.O.P STA. 81+30.00



DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2013) = 1300 ; ADT (2033) = 1900

DHV = 210 ; D = 60 % T = 20 %

PERMITS ACQUIRED BY MDOT

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

	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"/>

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

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: [Signature] DATE: 2/1/13

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD	MS	ZONE (US SURVEY FEET)
HORIZONTAL MONUMENT	NORTH	EAST
39-19-001	860433.139	2056722.518
39-19-003	658139.836	2058245.137
39-19-003	656656.710	2059251.922

VERTICAL DATUM: NAVD	(US SURVEY FEET)
VERTICAL MONUMENT	ELEVATION
Q-61	146.65

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	1.00000671
GRID TO GEODETIC AZIMUTH	00°23'43"

EQUATIONS

LENGTH DATA

LENGTH OF ROADWAY	1780 FT.	0.34 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)		MI.
LENGTH OF EXCEPTIONS	1780 FT.	0.34 MI.
LENGTH OF PROJECT (GROSS)		0.34 MI.

EXCEPTIONS



CHANGED PROJECT NUMBER	DATE	BY
30015	2/7/13	[Signature]
30415	2/7/13	[Signature]

APPROVED: [Signature] 2/7/13
CHIEF ENGINEER DATE

[Signature] 2/7/13
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: _____ DATE _____
DIVISION ADMINISTRATOR

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION 3/20/2013 2:46 PM TLE.DGN

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	INLET PROTECTION DETAILS OF WATTLES	ECD-12	53
DETAILED INDEX & GENERAL NOTES (2)			INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	54
DETAILED INDEX	DI-1	2	INLET PROTECTION DETAILS OF SAND BAG	ECD-14	55
GENERAL NOTES	GN-1	3	STABILIZED CONSTRUCTION ENTRANCE	ECD-15	56
TYPICAL SECTION SHEETS (2)			TEMPORARY CULVERT STREAM CROSSING	ECD-16	57
TYPICAL SECTION - NEW CONSTRUCTION / OVERLAY SECTION	TS-1	4	TEMPORARY STREAM DIVERSION	ECD-17	58
TYPICAL SECTION - OVERLAY DETAIL OF BENCH	TS-2	5	TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	59
QUANTITY SHEETS (8)			FLOATING TURBIDITY CURTAIN	ECD-19	60
SUMMARY OF QUANTITIES	SQ-1	6	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	61
SUMMARY OF QUANTITIES	SQ-2	7	TYPICAL TEMPORARY EROSION CONTROL MEASURES	TEC-2	62
SUMMARY OF QUANTITIES	SQ-3	8	TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)	TEC-3	63
SUMMARY OF REMOVAL ITEMS	SQ-4	9	LOCATION OF R16-3 SIGNS	R16-3	64
SUMMARY OF DRAINAGE STRUCTURES / JUNCTION BOX	SQ-5	10	RIGHT OF WAY MARKER	RW-1	65
SUMMARY OF TRAFFIC CONTROL ITEMS	SQ-6	11	RIGHT OF WAY COORDINATE SHEET	RW-2	66
ESTIMATED QUANTITIES - EARTH WORK	EQ-1	12	HIGHWAY SIGNS AND BARRICADE DETAIL FOR CONSTRUCTION PROJECT	SDTCP-10	67
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ-2	13	TRAFFIC CONTROL DETAIL OF DRUM PLACEMENT AND SHOULDER	TCP-SC	68
PLAN & PROFILE SHEET (1)			STA. 64+00 TO STA. 81+00 (PRELIMINARY EROSION CONTROL PLAN)	ECP-3	69
STA. 64+00 TO STA. 81+00	3	14	RUMBLE STRIPES (GROUND IN) 2 LANE	RS-2L	70
SPECIAL DESIGN SHEETS (54)			STANDARD DRAWINGS - ROADWAY SHEETS (18)		
TRAFFIC CONTROL - (PHASE I)	TC-1	16	PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED HIGHWAYS	PM-1	6120
TRAFFIC CONTROL - (PHASE I)	TC-2	17	EROSION CONTROL	EC-1	6140
TRAFFIC CONTROL - (PHASE II)	TC-3	18	TYPICAL TEMPORARY EROSION CONTROL MEASURES	TEC-3	6144
TRAFFIC CONTROL - (PHASE II)	TC-4	19	MEDIAN BARRIER CONCRETE (PRECAST)	MB-2A	6205
TRAFFIC CONTROL - (PHASE III)	TC-5	20	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)	TCP-1	6250
TRAFFIC CONTROL - (PHASE III)	TC-6	21	SHORT DURATION CLOSING OF TWO-LANE TWO WAY HIGHWAYS	TCP-8	6257
TRAFFIC CONTROL - (PHASE III) PERMANENT STRIPING	TC-7	22	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-11	6260
TRAFFIC CONTROL - (PHASE III) PERMANENT STRIPING	TC-8	23	TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS	TCP-14	6263
SEQUENCE OF CONSTRUCTION STA. NO. : 64+40 TO 79+00	SC-1	24	TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE	TCP-15	6264
PHASE 1 TYPICAL SECTIONS STA. NO. : 64+40 TO 80+40	P1-TS	25	TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILL	GT-1	6272
PHASE 2 TYPICAL SECTIONS STA. NO. : 70+50 TO 79+00	P2-TS	26	MISCELLANEOUS DETAIL SHEET	MDS-1	6290
PHASE 3 TYPICAL SECTIONS STA. NO. : 70+50 TO 79+00	P3-TS	27	PIPE CULVERT INSTALLATION	PI-1	6300
PHASE 1 PLAN STA. NO. : 64+40 TO 69+80	P1P-1	28	CONCRETE PIPE COLLAR	PC-1	6301
PHASE 1 PLAN STA. NO. : 69+55 TO 75+50	P1P-2	29	JUNCTION BOX FOR PIPE CULVERT	JB-1	6302
PHASE 1 PLAN STA. NO. : 75+50 TO 80+40	P1P-3	30	SMALL ANIMAL GUARD AND UNDERDRAIN MARKER	SAG-1	6327
PHASE 2 PLAN STA. NO. : 69+55 TO 75+50	P2P-1	31	FLARED END SECTION FOR CONCRETE PIPE	FE-1	6328
PHASE 2 PLAN STA. NO. : 75+50 TO 80+40	P2P-2	32	DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN	UD-1	6331
PHASE 3 PLAN STA. NO. : 69+55 TO 75+50	P3P-1	33	NORMAL UNDERDRAIN TYPE II	UD-2	6332
PHASE 3 PLAN STA. NO. : 75+50 TO 80+40	P3P-2	34	X-SECTION (20)		
SLIDE DETAILS STA. NO. : 64+40 TO 79+00	SD-1	35	STA. 65+00 TO STA. 85+00		9001-9020
SLIDE DETAILS STA. NO. : 64+40 TO 79+00	SD-2	36	TOTAL SHEETS (106)		
GENERALIZED SOIL PROFILE STA. NO. : 64+40 TO 79+00	GSP-1	37			
VEGETATION SCHEDULE	VS-1	38			
DETAILS OF TYPICAL DITCH TREATMENT	DT-1	39			
DITCH TREATMENT- SOIL REINFORCING MAT.	DT-1A	40			
TYPICAL TEMPORARY EROSION SEDIMENT CONTROL APPLICATIONS					
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-1	42			
DETAILS OF SILT FENCE INSTALLATION	ECD-2	43			
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-3	44			
TEMPORARY EROSION, SILT FENCE AND HAY BALE DITCH CHECKS	ECD-4	45			
DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS	ECD-5	46			
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-6	47			
ROCK DITCH CHECK	ECD-7	48			
ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-8	49			
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-9	50			
INLET PROTECTION DETAILS FOR COURSE AGGREGATE ON GRADES & SAGS	ECD-10	51			
	ECD-11	52			

ROBERTS (106623/301000)

PS & E PLANS - DATE (02/12/2013)		
REVISIONS		
DATE	SHEET NO.	BY
03/14/13	1,2,4,5,6,7,8,9,10,11,14,	BJR
	15,20,21,22,23,28,29,	
	30,41,6140,6142,6144,	
	6257,6263, & 6327	
03/20/13	1,2,3,4,5,6,7,8,9,10,11,	BJR
	14,18,20,21,22,23,56,	
	70, & 6272	

3/20/13	REVISED PROJECT NO., ADDED AND REPLACED SHEETS	3/14/13	MOVED REMOVED & ADDED SHEETS	DATE	BY	REVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAIL INDEX						
WILKINSON COUNTY PROJECT NO.: ER-0049-01(040)						
FILENAME: DE INDEX.DGN						
DESIGN TEAM ROBERTS CHECKED DATE						
WORKING NUMBER						DI-1
SHEET NUMBER						2

3/20/2013 3:02 PM DETI INDEX.DGN

GENERAL NOTES

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 A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
- ⑤ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- ⑥ 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.
- ⑦ 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 BID ITEMS.
- 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 MUST COORDINATE 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 FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- ⑪ 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.
- ⑫ 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.
- ⑬ 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.
- ⑭ 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.
- ⑮ TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- ⑯ 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.
- ⑰ TEMPORARY BRUSH BARRIER AS SHOWN ON SHEET TEC-1 SHALL BE LEFT IN PLACE UPON COMPLETION OF PROJECT
- ⑱ ANY REFERENCE TO PROJECT NUMBER MEP-7033-79(005) IS TO BE UNDERSTOOD THAT ER-0049-01(040) IS THE CORRECT PROJECT NUMBER.

3/20/2013 3:21 PM GNDTES1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES		
WILKINSON COUNTY PROJECT NO.: ER-0049-01(040)		
FILENAME: GNOTES1.DGN DESIGN TEAM: ROBERTS	WORKING NUMBER GN-1 SHEET NUMBER 3	