

1st O. REV.

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

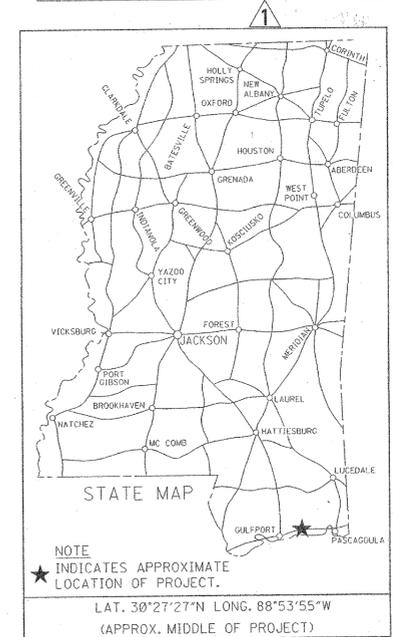
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NHS-0022-01(075)

SR 67 AT SANGANI BLVD INTERCHANGE HARRISON COUNTY

FMS CONST. 105281 / 303000

SCALES
 PLAN 1 IN. = 20 FT.
 PROFILE { HOR. 1 IN. = 20 FT.
 VERT. 1 IN. = 5 FT.
 LAYOUT 1 IN. = 60 FT.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NHS-0022-01(075)	1



DESIGN CONTROL

30 MPH = V (SPEED DESIGN)

ADT (2008) = 12100 : ADT (2035) = 44000

DHV = 2407 : D = 60 % T = 5 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	N	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

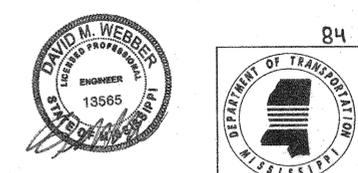
STORMWATER PERMIT Y

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED 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: JCT DATE: 10/25/2010



APPROVED:	<i>Webber</i>	05-16-11
DATE		
INTERIM	<i>Webber</i>	05-16-11
DATE		
CHIEF ENGINEER		
EXECUTIVE DIRECTOR		
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

NOTES:

- Access to and exit from this highway will be permitted only through interchange or such other points as may established by public authority and as shown on the plans.
- This project is declared by the Transportation Commission to be Type 1 Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated 14 day of April, 2009 in minute book 13, page 724 and authorized under section 65-1-10(1)(MCA) (1972, as amended).

BRIDGE STRUCTURES REQ'D.

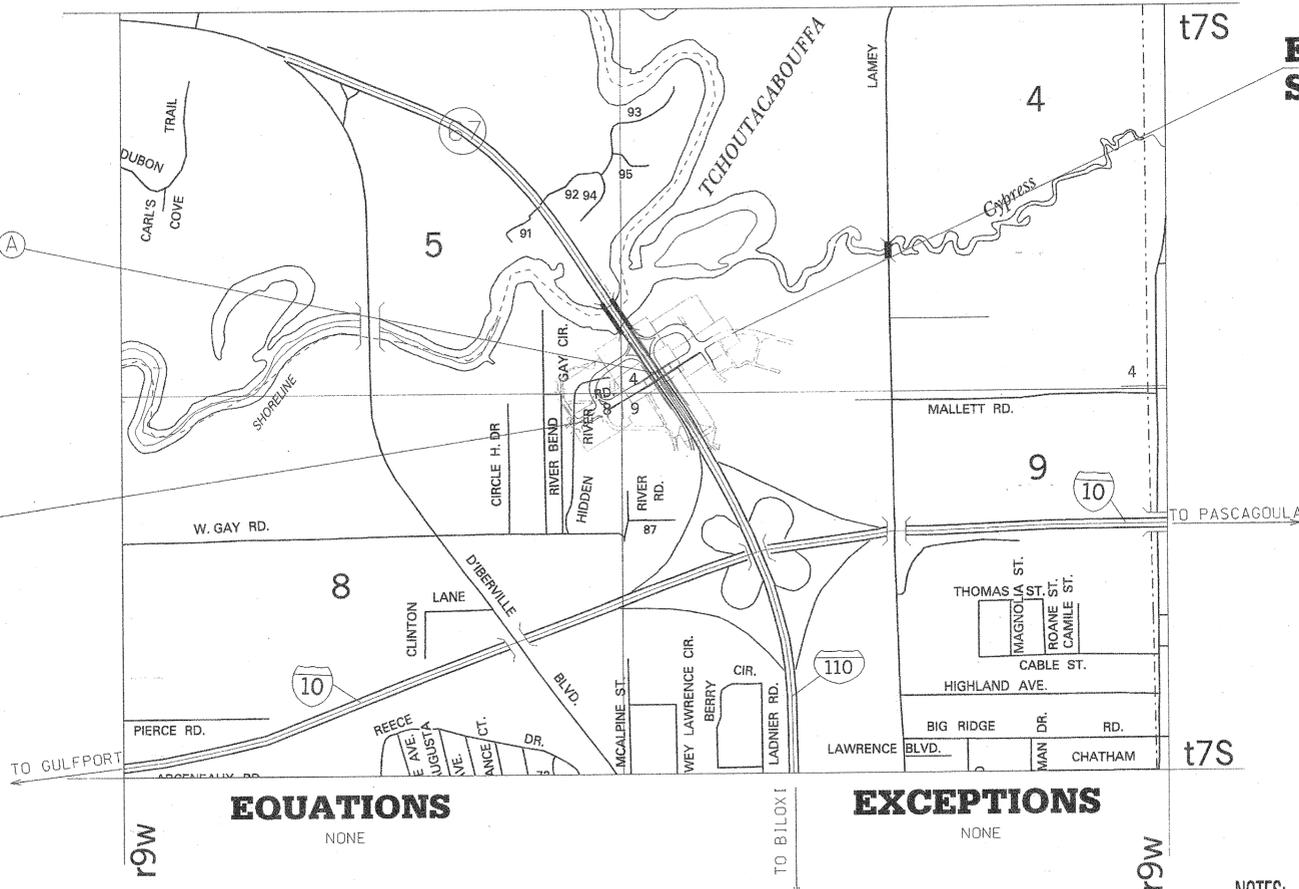
(A) STA. 17+13.460 TO STA. 20+05.620
 1 @ 60 FT., 2 @ 85 FT., 1 @ 60 FT.
 LENGTH ALONG C = 292.160 FT.

BOX BRIDGES REQ'D.

NONE

B.O.P.
 STA 8+80.000

E.O.P.
 STA 25+00.000



CONVENTIONAL SYMBOLS

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

EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	1327.840 FT.	0.251 MI.
LENGTH OF BRIDGES	292.160 FT.	0.055 MI.
LENGTH OF PROJECT (NET)	1620.000 FT.	0.306 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	1620.000 FT.	0.306 MI.

1st O. REV.

STATE PROJECT NO.
MISS. NHS-0022-01(075)

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WKG. NO. SH. NO.

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VOLKERT, INC.



PS & E PLANS-DATE 5/16/11		
FMS CON. # 105281/303000		
REVISIONS		
DATE	SHEET NO.	BY
10/07/11	4	JCR
11/16/11	13-17 & 100.20-100.50	DTD
12/14/11	1-4 & 13	DTD

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. NHS-0022-01(075)

COUNTY : HARRISON

WORKING NUMBER
DI-1

SHEET NUMBER
2

FILENAME: DI.DGN
DESIGN TEAM VOLKERT CHECKED DATE 5/13/2011

1:2:4/2011 10:01 AM DI.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1st O. REV.

STATE PROJECT NO.
MISS. NHS-0022-01(075)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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EROSION CONTROL SHEET - SANGANI BLVD. STA 21+00.00 TO STA 25+00.00	ECP-5	100.12
EROSION CONTROL SHEET - SANGANI CONNECTOR STA 11+00.00 TO STA 15+00.00	ECP-6	100.13
EROSION CONTROL SHEET - SANGANI CONNECTOR STA 15+00.00 TO STA 21+00.00	ECP-7	100.14
EROSION CONTROL SHEET - SANGANI CONNECTOR STA 21+00.00 TO STA 25+00.00	ECP-8	100.15
EROSION CONTROL SHEET - NW LEG RAMP STA 415+80 TO STA 422+00	ECP-9	100.16
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DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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12/14/2011 10:08 AM DL.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		 WORKING NUMBER DI-2
PROJECT NO. NHS-0022-01(075)  COUNTY : HARRISON		
FILENAME: DI.DGN DESIGN TEAM VOLKERT CHECKED DATE 12/14/2011	SHEET NUMBER 3	

GENERAL NOTES

GENERAL NOTES (CONT.)

- 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.
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- 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 SHALL 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.
- 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. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PLACE 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.
- REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
- TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT AND STRAIGHTNESS.
- 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 LOCATION AND SPACING OF SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- SOME WORK MAY BE REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
- THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. 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.
- ALL SIGNS, SIGNALS, PAVEMENT MARKERS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- TRAFFIC SIGNAL POLES SHALL BE DESIGNED IN ACCORDANCE WITH THE 2001 ASSHTO SPECIFICATIONS, AS AMENDED. BASIC WIND SPEED FOR THIS PROJECT SHALL BE 140 MPH. DESIGN LIFE SHALL BE 50 YEARS. FATIGUE CATEGORY SHALL BE II. GALLOPING AND TRUCK INDUCED WIND LOADS SHALL NOT BE CONSIDERED. ICE LOADS FOR THIS PROJECT WILL NOT BE CONSIDERED. ANY DEVIATION FROM THESE CRITERIA MUST BE APPROVED IN WRITING BY THE TRAFFIC ENGINEERING DIVISION, 601-359-1454.
- 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.

- PRIOR TO EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS. AFTER COMPLETION OF EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL SLOPES SHALL BE UNIFORMLY PLATED WITH STOCKPILED TOPSOIL. THE COST OF STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL IS TO BE PAID FOR AS 211A.
- 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.
- WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE.(ABSORBED ITEM)
- EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH CONCRETE (ABSORBED ITEM).
- WIRE FENCE WILL BE REQUIRED FOR ALL SILT FENCE (SEE WK. NO. TEC-1).
- TEMPORARY PIPES USED FOR THE CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS.
- 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 PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.
- 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- 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).
- FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- ANY REFERENCE TO PROJECT NUMBERS NHS-0010-01(134) AND/OR NHS-0064-01(030) IS TO BE UNDERSTOOD THAT NHS-0022-01(075) IS THE CORRECT PROJECT NUMBER.
- WORK REQUIRING A LANE CLOSURE ON SR 15 WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 7:00 PM AND 6:00 AM SUNDAY THROUGH THURSDAY. A LANE RENTAL FEE OF \$1,000.00 PER FULL OR PARTIAL 10 MINUTES SHALL BE ASSESSED FOR CLOSURES OR OBSTRUCTIONS THAT EXTEND BEYOND THE TIMES MENTIONED ABOVE. SEE NOTICE TO BIDDERS SPECIAL PROVISION FOR "LANE CLOSURE RESTRICTIONS" FOR MORE INFORMATION.
- WORK REQUIRED TO CLOSE TWO LANES OF SR 15 NORTH BOUND OR SOUTH BOUND WILL ONLY BE PERMITTED FOR THIRTY (30) MINUTES AT A TIME BETWEEN THE HOURS OF 7:00 PM AND 6:00 AM SUNDAY THROUGH THURSDAY. A LANE RENTAL FEE OF \$3,000.00 PER FULL OR PARTIAL 10 MINUTES SHALL BE ASSESSED FOR CLOSURES OR OBSTRUCTIONS THAT EXTEND BEYOND THE TIMES MENTIONED ABOVE. SEE NOTICE TO BIDDERS SPECIAL PROVISION FOR "LANE CLOSURE RESTRICTIONS" FOR MORE INFORMATION.
- THERE IS A CEMETERY LOCATED WITHIN THE FOOTPRINT OF THE PROJECT. IT IS TO BE LEFT UNDISTURBED WITH ACCESS ALLOWED FOR VISITATION AND MAINTENANCE.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

12/14/2011 10:09 AM GN-1.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
GENERAL NOTES			
SANGANI BLVD.			
PROJ. NO.: NHS-0022-01(075)			WORKING NUMBER
HARRISON COUNTY			GN-1
DATE	FILENAME:	gn-1.dgn	SHEET NUMBER
07/07/11	DESIGN TEAM	VOLKERT	4
	CHECKED		
	DATE	5/13/2011	