

**STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS. LA.	NH-0015-01(060) 105243/301000 026-01-0024	1

**PLANS FOR PROPOSED AESTHETIC LIGHTING, ROADWAY LIGHTING
AND INTELLIGENT TRAFFIC SYSTEM ALONG EXISTING
STATE HIGHWAY US 84 AND US 425**

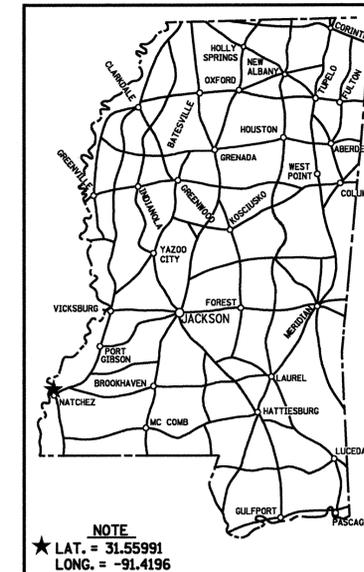
MISSISSIPPI FEDERAL AID PROJECT NO. NH-0015-01(060) 105243/301000

LOUISIANA STATE PROJECT NO. 026-01-0024

①03-20-09

**U.S. 84 & US 425 MISSISSIPPI RIVER BRIDGES
ADAMS COUNTY, MISSISSIPPI
CONCORDIA PARISH, LOUISIANA**

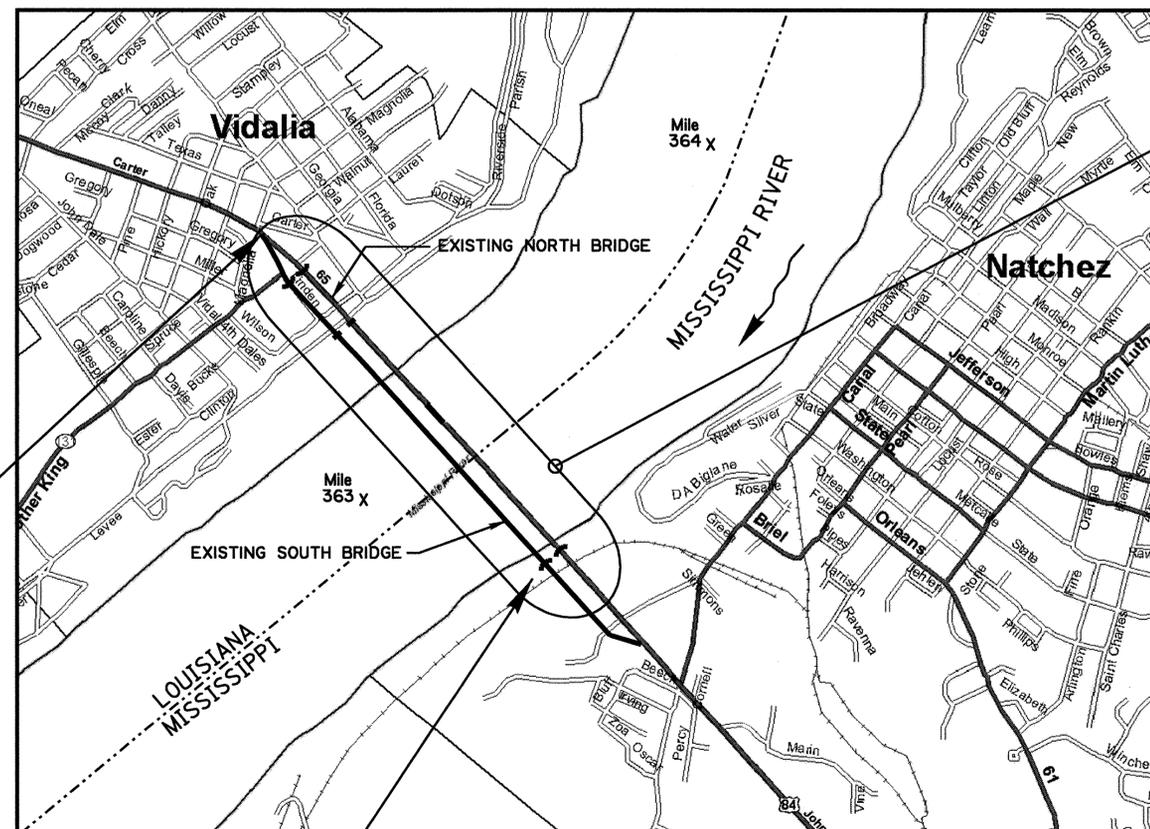
RATIOS / SCALES
 PLAN NTS
 PROFILE (HOR. NTS
 VERT. NTS
 LAYOUT NTS



DESIGN CONTROL	
MPH = V (SPEED DESIGN)	
ADT () = ; ADT () =	
DHV = ; D = % = %	

ENVIRONMENTAL PERMITS	
P.E. NO.	REQUIRED BY
TYPE	YES NO
N.W.	<input type="checkbox"/> <input type="checkbox"/>
G.P.	<input type="checkbox"/> <input type="checkbox"/>
40'	<input type="checkbox"/> <input type="checkbox"/>
STORMWATER	<input type="checkbox"/> <input type="checkbox"/>

John Schallert
 3/17/09



LOCATION OF LIGHTING AND I.T.S. PROJECT

END STATE PROJECT

BEGIN STATE PROJECT

CONVENTIONAL SYMBOLS

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

LENGTH DATA

LENGTH OF ROADWAY	
LENGTH OF BRIDGES	N/A FT
LENGTH OF PROJECT (NET)	FT
LENGTH OF EXCEPTIONS	N/A FT
LENGTH OF PROJECT (GROSS)	FT

APPROVED:	<i>Michael M. Brath...</i>	3/20/09
	CHIEF ENGINEER	DATE
APPROVED:	<i>Ron R. Brown...</i>	3/20/09
	EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		
HNTB	ENGINEERS ARCHITECTS PLANNERS Baton Rouge, Louisiana Kansas City, Missouri	WORKING NUMBER
DESIGNED: JCS	CHECKED: X.LIU	ISSUED: _____
DATE: _____	DATE: 3/16/2009	DATE: _____
DETAILED: KHM		SHEET NUMBER
		1

FED. ROAD REG. NO.	STATE	PROJECT NO.
4	MISS. LA.	NH-0015-01(060) 026-01-0024

GENERAL NOTES

SPECIFICATIONS:

CONSTRUCTION - MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION AND SPECIAL PROVISIONS.

DIMENSIONS:

ALL DIMENSIONS ARE HORIZONTAL UNLESS OTHERWISE NOTED ON THE PLANS AND MEASURED AT NORMAL TEMPERATURE OF 60 DEGREES FAHRENHEIT.

EXISTING BRIDGE:

THE DIMENSIONS SHOWN ARE BASED ON THE INFORMATION AS DETAILED IN THE PLANS FOR THE EXISTING BRIDGE SHEETS AND THE EXISTING SHOP DRAWINGS. AT THE CONTRACTOR'S REQUEST, A COPY OF THE EXISTING BRIDGE SHEETS AND THE EXISTING SHOP DRAWINGS WILL BE MADE AVAILABLE PRIOR TO CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE DIMENSIONS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL VERIFY STRUCTURAL DIMENSIONS IN THE FIELD PRIOR TO FABRICATION.

THE DATA SHOWN IN THE PLANS AND THE EXISTING PLANS FOR THE EXISTING BRIDGE IS FOR INFORMATION ONLY AND ITS ACCURACY IS NEITHER GUARANTEED NOR WARRANTED. ANY DIFFERENCES BETWEEN THE EXISTING CONDITIONS AND THE EXISTING PLANS ARE NOT JUSTIFIABLE REASONS FOR CONTRACT PRICE ADJUSTMENTS.

ANY FOREIGN MATERIAL DEPOSITED, OR PAINTED AREAS DAMAGED, OR ANY EXISTING STRUCTURAL STEEL DAMAGED ON THE BRIDGE AS A RESULT OF THE CONTRACTOR'S OPERATION SHALL BE REMOVED OR REPAIRED OR REPLACED, THE AREAS CLEANED AND PAINT RESTORED TO THE ENGINEER'S SATISFACTION AT NO ADDITIONAL COST.

EXISTING UTILITIES:

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT EXISTING UTILITIES ARE SUPPORTED ON THE BRIDGE. THE CONTRACTOR SHALL CONDUCT HIS/HER OPERATION SO AS NOT TO INTERFERE WITH THE EXISTING UTILITIES UNLESS NOTED OTHERWISE.

STRUCTURAL STEEL:

ALL NEW STRUCTURAL STEEL AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A709 GRADE 36 UNLESS OTHERWISE NOTED ON THE PLANS.

ALL NEW BOLTS SHALL BE ASTM A325.

ANY NECESSARY SUBSTITUTION FOR STRUCTURAL STEEL MUST HAVE PRIOR APPROVAL OF THE BRIDGE ENGINEER. PAYMENT FOR NEW STRUCTURAL STEEL, MISCELLANEOUS STEEL AND ANCHOR BOLTS IS MADE UNDER ITEM NO. 907-687-A BRIDGE AESTHETIC LIGHTING.

WELDING:

ALL WELDING SHALL CONFORM TO ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE.

ALL WELDS THAT ARE TO BE MADE ON ANY STRUCTURAL STEEL SHALL BE SHOWN IN THE STRUCTURAL STEEL SHOP DRAWINGS AND ARE SUBJECT TO APPROVAL BY THE ENGINEER. ALL WELDS IS DEFINED AS ANY WELD PLACED FROM INITIATION OF FABRICATION TO FINAL ACCEPTANCE INCLUDING FABRICATION, TRANSPORTATION, ERECTION AND CONSTRUCTION.

ALL WELDS SHALL BE CONTINUOUS. FIELD WELDING SHALL NOT BE PERMITTED UNLESS CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER. ALL BUTT WELDS SHALL BE FULL PENETRATION GROOVE WELDS.

PAYMENT FOR WORK:

ALL WORK FOR WHICH NO PAY ITEMS ARE REQUIRED IN THE PROPOSAL WILL NOT BE PAID FOR DIRECTLY AND COMPENSATION THEREFORE WILL BE CONSIDERED INCLUDED IN THE PRICES AND PAYMENT FOR OTHER ITEMS.

PLAN CHANGES BY CONTRACTOR:

NO CHANGE OF BRIDGE PLANS WILL BE PERMITTED EXCEPT BY WRITTEN AUTHORITY OF THE ENGINEER. MINOR CHANGES IN DETAILS OF DESIGN OR CONSTRUCTION MAY BE AUTHORIZED IN WRITING BY THE ENGINEER, PROVIDED SUCH CHANGES ARE NOT JUSTIFIABLE REASONS FOR CONTRACT PRICE ADJUSTMENTS.

GALVANIZED STEEL:

ALL STEEL TO BE GALVANIZED SHALL BE IN ACCORDANCE WITH ASTM DESIGNATION A123. DAMAGED GALVANIZED COATS THAT ARE NOT EMBEDDED IN MORE THAN THREE (3) INCHES OF CONCRETE SHALL BE REPAIRED IN ACCORDANCE WITH THE SUBSECTION 812.02.4 OF THE STANDARD SPECIFICATIONS. PAYMENT FOR GALVANIZED REPAIRS IS MADE UNDER ITEM NO. 907-687-A.

SHOP DRAWINGS:

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR STRUCTURAL STEEL TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF FABRICATION.

CONDUIT SYSTEM:

SURFACE MOUNTED CONDUIT SHALL BE GALVANIZED RIGID METAL AND SECURED TO CONCRETE WITH CLAMPS AT ABOUT 6 FEET CENTERS UNLESS NOTED OTHERWISE. CONCRETE ANCHORS FOR CLAMPS SHALL MEET FEDERAL SPECIFICATIONS FF-5-325, GROUP II; TYPE 4, CLASS 1 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153, B695-91 CLASS 50 OR STAINLESS STEEL. MINIMUM EMBEDMENT SHALL BE 2 INCHES. THE SUPPLIER SHALL FURNISH A MANUFACTURER'S CERTIFICATION THAT THE CONCRETE ANCHORS MEET THE REQUIRED MATERIAL AND GALVANIZING SPECIFICATIONS.

WEEP HOLES SHALL BE PROVIDED AT APPROPRIATE LOCATIONS TO DRAIN ANY MOISTURE IN THE CONDUIT LINES.

MAINTENANCE OF TRAFFIC:

THE CONTRACTOR SHALL PROVIDE FOR AND MAINTAIN THROUGH AND LOCAL TRAFFIC AT ALL TIMES AND SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO CAUSE THE LEAST INTERFERENCE POSSIBLE WITH TRAFFIC ON THE BRIDGE.

ONLY ONE (1) LANE MAY BE CLOSED TO HIGHWAY TRAFFIC UNDER NORMAL WORKING CONDITIONS. LANE CLOSURES SHALL BE LIMITED TO WORKING HOURS ONLY. ANY FULL CLOSURE, FOR ANY REASON, MUST BE SUBMITTED IN WRITING TO THE PROJECT ENGINEER FOR APPROVAL AT LEAST TWO (2) WEEKS IN ADVANCE OF THE PROPOSED CLOSURE. A PROPOSED CLOSURE MAY NOT EXCEED TWO (2) HOURS UNLESS APPROVED BY THE ENGINEER. NO LANE CLOSURES WILL BE ALLOWED BETWEEN THE HOURS OF 7:00 AM TO 9:00 AM AND 4:00 PM TO 6:00 PM ON WEEK DAYS. LANE CLOSURES WILL NOT BE ALLOWED ON WEEKENDS UNLESS APPROVED BY THE PROJECT ENGINEER.

ALL TRAFFIC SIGNS AND TRAFFIC CONTROL ITEMS ARE TO BE PAID FOR UNDER MAINTENANCE OF TRAFFIC, ITEM 618-A. MAINTENANCE OF TRAFFIC INCLUDES MARINE TRAFFIC. NO WORK THAT PRODUCES SPARKS WILL BE ALLOWED WHILE MARINE TRAFFIC PASSES UNDERNEATH WORK AREA. VEHICULAR TRAFFIC SHALL BE PROTECTED DURING ALL OPERATIONS INCLUDING ELECTRICAL WORK, STEEL ERECTION, CLEARING AND PAINTING. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS UNLESS NOTED OTHERWISE.

MAINTENANCE OF NAVIGATION LIGHTING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POWER TO THE NAVIGATION LIGHTING SYSTEM AND THE FAA AVIATION WARNING SYSTEM AT ALL TIMES.

EXISTING UTILITIES:

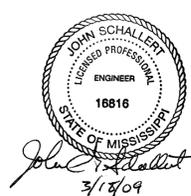
THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND PIPE LINES, CONDUITS, AND OTHER STRUCTURES BY CONTACTING OWNERS OF UNDERGROUND UTILITIES AND BY PROSPECTING IN ADVANCE OF EXCAVATION OPERATIONS.

THE CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL OVERHEAD AND UNDERGROUND UTILITIES.

DISPOSAL OF EXISTING LUMINAIRES:

ROADWAY LUMINAIRES THAT ARE DESIGNATED TO BE REMOVED SHALL BECOME THE POSSESSION OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.

f:\haywood PLOTTED: 3/18/2009 gen_notes2A.dgn

	MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES U.S. 84 & 425 MISSISSIPPI RIVER BRIDGES PROJECT NO. NH-0015-01(060)105243/301000 ADAMS COUNTY, MISSISSIPPI AND CONCORDIA PARISH, LOUISIANA
	
	HNTB ENGINEERS ARCHITECTS PLANNERS BATON ROUGE, LOUISIANA KANSAS CITY, MISSOURI
WORKING NUMBER GN-1	SHEET NUMBER 3
DATE DESIGNED JGS DATE DETAILED KHM	CHECKED X.LIU DATE 3/16/2009
ISSUED DATE	WORKING NUMBER GN-1