

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-9371-01(001)	1

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"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input checked="" type="checkbox"/> BRIDGE	8001
<input type="checkbox"/> CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLANS FOR REHABILITATION OF
SR 605 BASCULE BRIDGE
FEDERAL AID PROJECT NO. BR-9371-01(001)**

SR 605 BRIDGE OVER INDUSTRIAL WATERWAY (BRIDGE NO. 3.5)
HARRISON COUNTY

FMS. CONST. NO. 107505 /301000

**BRIDGE STRUCTURES REQ'D.
NONE**

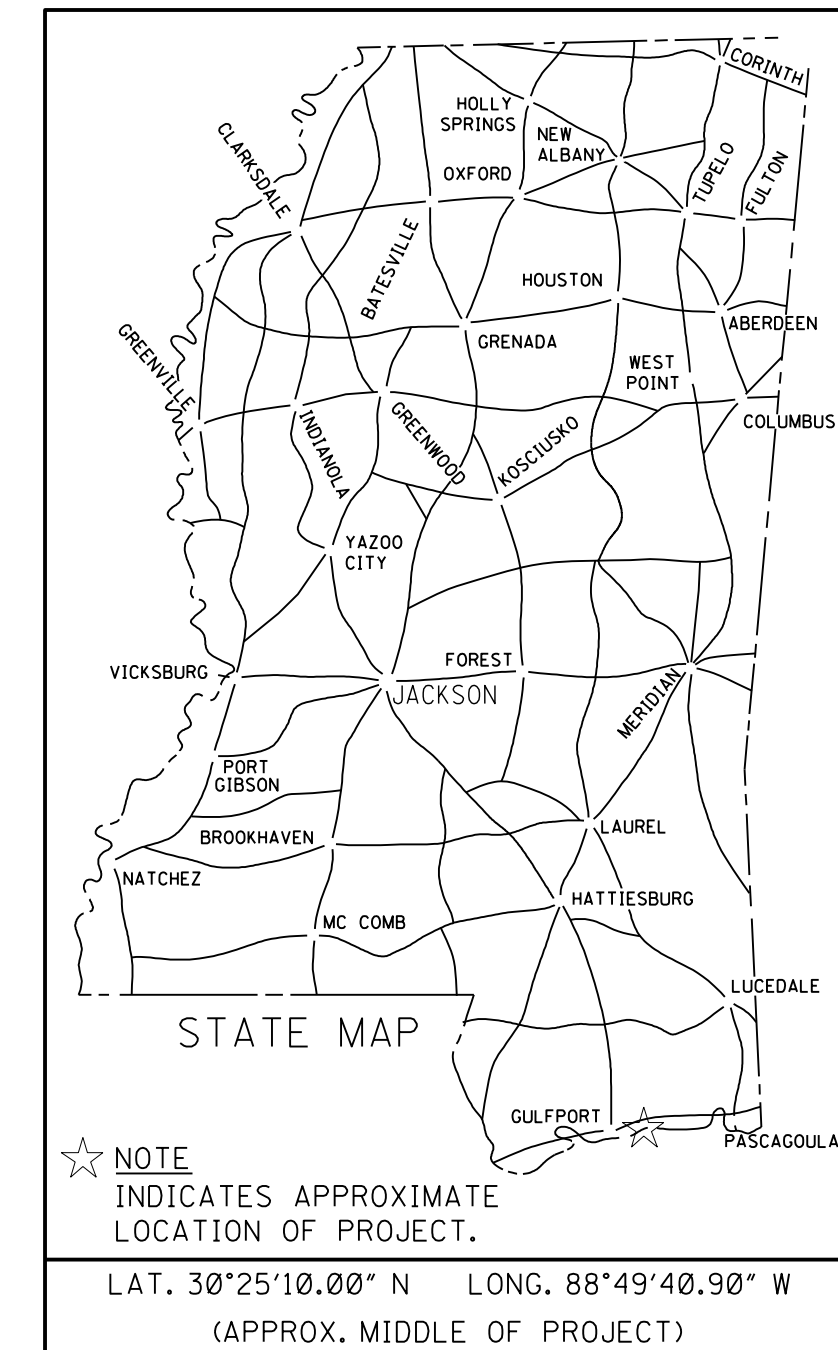
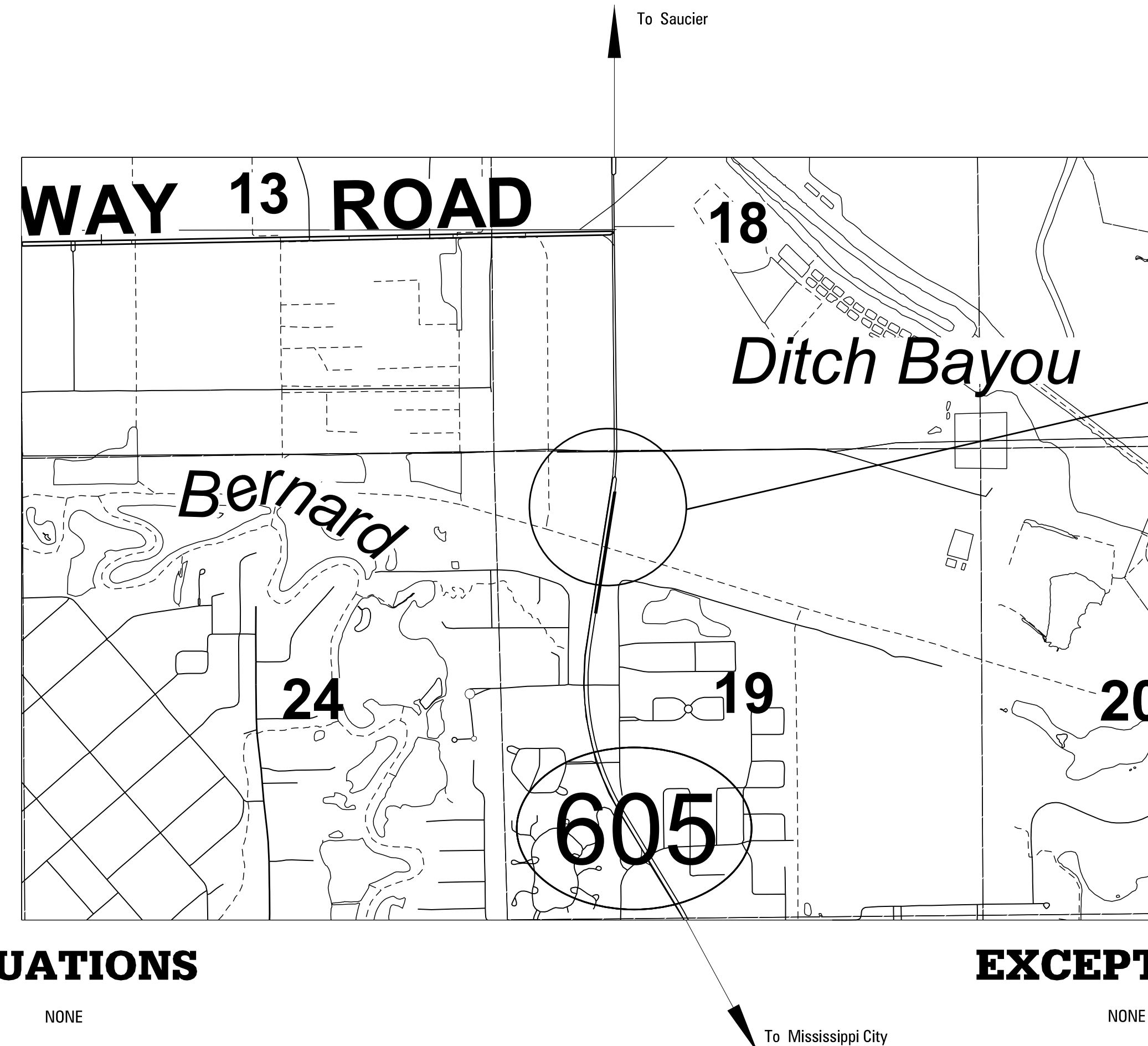
**BOX BRIDGES REQ'D.
NONE**

CONVENTIONAL SYMBOLS

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

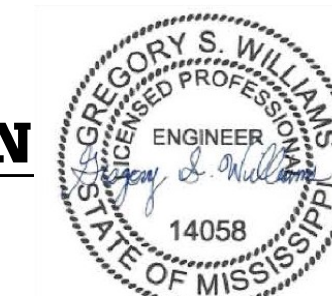
EQUATIONS		EXCEPTIONS	
NONE		NONE	

LENGTH DATA			
LENGTH OF ROADWAY		FT.	MI.
LENGTH OF BRIDGES	1393.33	FT.	0.264
LENGTH OF PROJECT (NET)		FT.	0.264
LENGTH OF EXCEPTIONS		FT.	
LENGTH OF PROJECT (GROSS)		FT.	0.264



DESIGN CONTROL	
MPH =	V (SPEED DESIGN)
ADT () =	: ADT () =
DH =	: D = % T = %

PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/> N	<input type="checkbox"/> N
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
GENERAL*	<input type="checkbox"/> N	<input type="checkbox"/> N
INDIVIDUAL (404)*	<input type="checkbox"/> N	<input type="checkbox"/> N
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR		
STORMWATER PERMIT <input checked="" type="checkbox"/> N		
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)	
S	REQUIRED, CNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: _____		



Date: 05/26/2020
(Traffic Control Only)



Date: 05/26/2020
(Bridge Electrical Only)



Date: 05/26/2020
(Bridge Mechanical Only)



Date: 05/26/2020
(Bridge Structural Only)



P S & E DATE: 05/26/2020	
APPROVED:	_____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	_____
EXECUTIVE DIRECTOR	_____

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) 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.
- (5) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- (6) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (7) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (8) 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.
- (9) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (10) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO 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.
- (11) THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH COAST GUARD.
- (12) ALL DIMENSIONS AND SPACING FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (13) THE CONTRACTOR SHALL MODIFY THE BASCULE BRIDGE SIGNALS AND GATES PRIOR TO CONSTRUCTION. THE COST WILL BE ABSORBED IN OTHER ITEMS BID.
- (14) ALL TRAFFIC CONTROL SIGNS SHALL BE PAID UNDER 618-A001 MAINTENANCE OF TRAFFIC.
- (15) CONTRACTOR SHALL REFER TO NOTICE TO BIDDERS FOR BRIDGE CLOSURE DETAILS.
- (16) SEE BRIDGE GENERAL NOTES SHEETS FOR ADDITIONAL GENERAL NOTES.
- (17) IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE TEMPORARY CONCRETE BARRIERS AND A LIGHTWEIGHT BARRIER FOR THE BASCULE SPANS DURING TRAFFIC CONTROL PHASES FOR NORTHBOUND LANE CLOSURE AND SOUTHBOUND LANE CLOSURE PER THE FOLLOWING REQUIREMENTS:
 - A. DESIGN AND INSTALL THE TEMPORARY BARRIER ASSEMBLY IN ACCORDANCE WITH THE 17TH EDITION (INCLUDING INTERIMS) OF THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.
 - B. THE CONTRACTOR SHALL FURNISH A LIGHTWEIGHT TEMPORARY MEDIAN BARRIER WHICH SHALL BE INSTALLED ON THE BASCULE SPANS TO MAINTAIN NAVIGATION OPERATIONS. THE LIGHTWEIGHT TEMPORARY MEDIAN BARRIER SHALL BE DESIGNED BY A LICENSED MISSISSIPPI PROFESSIONAL ENGINEER. BASCULE SPANS WILL HAVE TO BE REBALANCED TO ACCOUNT FOR THE ADDITIONAL WEIGHT OF THE LIGHTWEIGHT TEMPORARY MEDIAN BARRIER, AND THE COST OF REBALANCING WILL BE ABSORBED IN OTHER ITEMS BID.
 - C. SUBMIT SHOP DRAWINGS TO THE BRIDGE ENGINEER OF RECORD FOR APPROVAL. USE DIGITAL DELIVERY METHODS FOR DELIVERING SUBMITTALS, DESIGN DRAWINGS AND DESIGN CALCULATIONS, SIGNED AND SEALED BY A MISSISSIPPI PROFESSIONAL ENGINEER.
 - D. THE LIGHTWEIGHT TEMPORARY BARRIER ASSEMBLY NOT TO WEIGH MORE THAN AN AVERAGE OF 31 LBS/FT.
 - E. THE LIGHTWEIGHT TEMPORARY BARRIER ASSEMBLY TO BECOME THE PROPERTY OF THE CONTRACTOR AT THE END OF PROJECT.
 - F. TAPER BARRIER ENDS BACK AWAY FROM TRAFFIC.

GENERAL NOTES (CONTINUED)

- (18) LANE CLOSURES ARE RESTRICTED TO THOSE SHOWN AND/OR DESCRIBED IN THE PLANS. NO OTHER LANE CLOSURE WILL BE ALLOWED. CHANGES OR VARIANCES FROM THIS RESTRICTION SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND WRITTEN APPROVAL. A LANE RENTAL FEE OF \$1,500.00 PER FULL OR PARTIAL 5 MINUTES SHALL BE ASSESSED FOR CLOSURES OR OBSTRUCTIONS THAT EXTEND BEYOND THE TIMES BELOW. WORK REQUIRING A LANE CLOSURE SHALL BE RESTRICTED TO SUNDAY THROUGH THURSDAY NIGHTS BETWEEN THE HOURS OF 7 PM AND 6 AM. NO EXPOSED SIGNS SHALL BE VIEWABLE TO THE TRAVELING PUBLIC PRIOR TO OR AFTER THE ABOVE-MENTIONED TIMES. NO PART OF A CLOSURE, INCLUDING DRUMS OR CONES, SHALL BE IN THE ROADWAY PRIOR TO OR AFTER THE ABOVE-MENTIONED TIMES. WORK REQUIRING A SHOULDER OR LANE CLOSURE SHALL BEGIN WITHIN ONE (1) HOUR OF THE COMPLETION OF THE CLOSURE SETUP. LANE CLOSURES WILL BE ALLOWED ONLY AT TIMES WHEN WORK REQUIRING A LANE CLOSURE IS UNDERWAY. FAILURE TO BEGIN WORKING WITHIN THIS 1-HOUR PERIOD WILL RESULT IN THE CONTRACTOR BEING ASSESSED A LANE RENTAL FEE OF \$1,500.00 FOR EACH FULL OR PARTIAL FIVE-MINUTE PERIOD UNTIL WORK HAS BEGUN. FROM JUNE 1 TO NOVEMBER 1, ALL LANES IN EACH DIRECTION SHALL REMAIN OPEN EXCEPT FOR TEMPORARY NIGHTTIME LANE CLOSURES AS SPECIFICALLY ADDRESSED HEREIN.
- (19) NO FULL BRIDGE CLOSURE WILL BE ALLOWED UNLESS APPROVED BY THE PROJECT ENGINEER. CHANGES OR VARIANCES FROM THIS RESTRICTION SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND WRITTEN APPROVAL. CONTRACTOR WILL BE ASSESSED \$15,000.00 PER CALENDAR DAY IF THE CLOSURE EXTENDS BEYOND THE APPROVED NUMBER OF CALENDAR DAYS. THE TOTAL CLOSURE OF THE BRIDGE TRAFFIC WILL NOT BE ALLOWED FROM JUNE 1 THROUGH NOVEMBER 1.
- (20) COMMISSIONING OF THE BRIDGE - FULL CLOSURE OF THE BRIDGE WILL BE ALLOWED FOR FINAL OPERATIONS DURING COMMISSIONING, WITH THE APPROVAL OF MDOT, FROM 10PM-4AM SUNDAY-THURSDAY.



TRAFFIC GATE CONFIGURATION DURING EXISTING NORTHBOUND LANE CLOSURE

- (1) CONTRACTOR SHALL OPERATE THE GATES ACCORDING TO THE TYPICAL PROCEDURE WITH THE EXCEPTION THAT, BECAUSE ONLY THE WEST SIDE GATES WILL BE USED, THE EXISTING NEAR MEDIAN OFF-GOING GATE MUST BE LOWERED BEFORE THE EXISTING FAR MEDIAN ON-COMING GATE.
- (2) CLOSURE OF THE NORTHBOUND LANES FOR MACHINERY, ELECTRICAL WORK, BASCULE SPAN PAINTING, REMOVAL AND REPLACEMENT OF ROADWAY GRATING, AND REPLACEMENT OF STRIP SEAL JOINTS SHALL BE LIMITED TO ONE OCCURRENCE FOR A PERIOD OF UP TO 60 CALENDAR DAYS. CONTRACTOR WILL BE ASSESSED \$10,000.00 PER CALENDAR DAY IF THE CLOSURE EXTENDS BEYOND 60 CALENDAR DAYS. FROM JUNE 1 TO NOVEMBER 1, ALL LANES IN EACH DIRECTION SHALL REMAIN OPEN.
- (3) CONTRACTOR SHALL INSTALL A NEW TEMPORARY TRAFFIC SIGNAL FOR THE NORTHBOUND TRAFFIC AND OPERATE THE NEW TEMPORARY TRAFFIC SIGNAL ON THE BRIDGE FOR NORTHBOUND TRAFFIC.

TRAFFIC GATE CONFIGURATION DURING EXISTING SOUTHBOUND LANE CLOSURE

- (1) CONTRACTOR SHALL OPERATE THE GATES ACCORDING TO THE TYPICAL PROCEDURE WITH THE EXCEPTION THAT, BECAUSE ONLY THE EAST SIDE GATES WILL BE USED, THE EXISTING FAR MEDIAN OFF-GOING GATE MUST BE LOWERED BEFORE THE EXISTING NEAR MEDIAN ON-COMING GATE.
- (2) CLOSURE OF THE SOUTHBOUND LANES FOR MACHINERY, ELECTRICAL WORK, BASCULE SPAN PAINTING, REMOVAL AND REPLACEMENT OF ROADWAY GRATING, AND REPLACEMENT OF STRIP SEAL JOINTS SHALL BE LIMITED TO ONE OCCURRENCE FOR A PERIOD OF UP TO 60 CALENDAR DAYS. CONTRACTOR WILL BE ASSESSED \$10,000.00 PER CALENDAR DAY IF THE CLOSURE EXTENDS BEYOND 60 CALENDAR DAYS. FROM JUNE 1 TO NOVEMBER 1, ALL LANES IN EACH DIRECTION SHALL REMAIN OPEN.
- (3) CONTRACTOR SHALL INSTALL A NEW TEMPORARY TRAFFIC SIGNAL FOR THE SOUTHBOUND TRAFFIC AND OPERATE THE NEW TEMPORARY TRAFFIC SIGNAL ON THE BRIDGE FOR SOUTHBOUND TRAFFIC.

5/22/2020 10:33:14 AM DGN

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES	
		SR 605 BASCULE BRIDGE	
PROJ. NO.: BR-9371-01(001) COUNTY: HARRISON		WORKING NUMBER GN-1	
FILENAME: GN.dgn DATE: 5/26/2020		SHEET NUMBER 3	
DESIGN TEAM: GRESHAM SMITH		CHECKED: _____	DATE: _____