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CONSTRUCTION OPERATIONS:

1. FOR WORK ADJACENT TO THE PUBLIC, THE CONTRACTOR IS RESPONSIBLE TO ADEQUATELY PROTECT THE TRAVELING PUBLIC. THIS INCLUDES, BUT IS NOT LIMITED TO FENCING OFF OPERATIONS, SIDEWALK CLOSURES, LANE CLOSURES, DEBRIS SHIELDS, ETC.
2. COORDINATE ANY FACILITY CLOSURES IN ACCORDANCE WITH THE TRAFFIC MANAGEMENT PLANS AND THE SPECIAL PROVISIONS.
3. EXISTING JOINTS AND DRAINS SHALL BE SEALED PRIOR TO BEGINNING REPAIRS OF BRIDGE DECK.

WORK ON THE WATER:

1. CONTACT THE US COAST GUARD 30 DAYS PRIOR TO IN-WATER CONSTRUCTION ACTIVITIES. THE NAVIGABLE CHANNEL SHALL NOT BE BLOCKED DURING CONSTRUCTION. FOR U.S. COAST GUARD CONTACT INFORMATION, SEE SPECIAL PROVISION FOR "COORDINATION WITH THE U.S. COAST GUARD".
2. THE CONTRACTOR SHALL LIMIT SUBSTRUCTURE REPAIRS AND CONTAINMENT, TO HALF OF THE CHANNEL SPAN AT A TIME IN ORDER TO REDUCE THE IMPACTS TO BOATERS.
3. THE CONTRACTOR SHALL MONITOR VHF RADIO AND COMMUNICATE WITH MARINE TRAFFIC AS NECESSARY. CONTRACTOR SHALL MONITOR CHANNEL 16.
4. THE CONTRACTOR SHALL NOTIFY AND/OR COORDINATE WITH THE COAST GUARD WHENEVER THE CONTRACTOR PLANS TO BE IN THE WATER FOR ANY PERIOD OF TIME.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND ADJUSTING ALL NAVIGATIONAL LIGHTS AS NECESSARY THROUGHOUT THE LIFE OF THE PROJECT.
6. NEVER BLOCK MORE THAN 1/2 THE NAVIGABLE CHANNEL.

MARINE TRAFFIC:

MARINE TRAFFIC CONSTRUCTION SIGNS SHALL BE PLACED ON BOTH FACES OF EACH BRIDGE AT THE LOCATIONS WHERE WORK IS BEING PERFORMED. PLACEMENT OF THE SIGNS SHALL BE SUCH THAT THEY ARE CLEARLY VISIBLE TO THE APPROACHING MARINE TRAFFIC. BARGES LEFT IN WATER IN LOW-LIGHT CONDITIONS SHALL BE ILLUMINATED SO AS TO BE VISIBLE TO MARINE TRAFFIC.

LOCAL TRAFFIC AND PUBLIC USAGE:

1. FOR LANE CLOSURE TIMES AND RESTRICTIONS, SEE TRANSPORTATION MANAGEMENT PLAN.
2. ONLY CLOSE OR NARROW LANES UNDER THE BRIDGE AT AREAS WHERE WORK IS BEING PERFORMED. DO NOT CLOSE OR NARROW LANES IN AREAS UNDER THE BRIDGE IF NO WORK IS BEING PERFORMED.
3. ACCESS TO ALL PUBLIC FACILITIES SHALL REMAIN OPEN THROUGHOUT THE LIFE OF THE PROJECT. SUCH FACILITIES ARE INCLUDED BUT ARE NOT LIMITED TO: BOAT RAMPS, GAZEBOS, PARKING AREAS, RESTROOMS, ETC.

FINAL PAVEMENT MARKINGS AND MARKERS

1. FOR FINAL PAVEMENT MARKING PLANS, SEE TRANSPORTATION MANAGEMENT PLANS.
2. FOR FINAL PAVEMENT MARKINGS AND MARKERS, SEE STANDARD SPECIFICATIONS.
3. PLACE (PERMANENT) (4") THERMOPLASTIC MARKINGS ON FINAL ASPHALT SURFACES.
4. PLACE (PERMANENT) (4") COLD APPLIED PLASTIC MARKINGS ON FINAL CONCRETE SURFACES.
5. ANY UNANTICIPATED REMOVAL OF PAVEMENT MARKINGS AND MARKERS SHALL BE REPLACED IN KIND.

MIN. CONCRETE COVER TABLE

Structure Element	Cover: All Other Sites	Cover: Corrosive Sites
Bridge Deck		
to top of slab	2 ½" (65 mm)	2 ½" (65 mm)
to bottom of slab	1 ¼" (32 mm)	1 ¼"(32 mm)*
Footings and Pile Caps		
to top face	2" (50 mm)	4" (100 mm)
to all other faces	3" (75 mm)	4" (100 mm)
Bent Caps		
to bottom of cap	3" (75 mm)	4" (100 mm)
to ends of cap	2" (50 mm)	3" (75 mm)
to top of cap (stirrups)	2" (50 mm)	3" (75 mm)
to sides of cap (stirrups)	2" (50 mm)	3" (75 mm)
Columns (spiral)	2" (50 mm)	3" (75 mm)
Drilled Piers (spiral)	5" (125 mm)**	6" (150 mm)**
Culverts		
to bottom of bottom slabs and footings	3" (75 mm)	3" (75 mm)
to all other faces	2" (50 mm)	2" (50 mm)
Approach Slabs	2" (50 mm)	2" (50 mm)

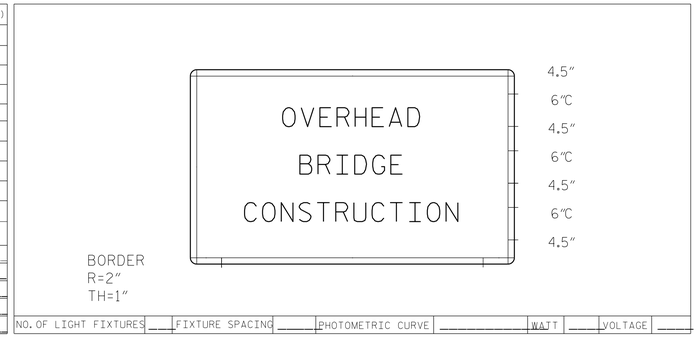
* WHEN USING REMOVEABLE FORMS, COVER SHALL BE INCREASED TO 2½"

** IN THE EVENT THE DRILLED PIER EXTENDS INTO A BENT CAP OR PILE CAP, THE COVER MAY BE REDUCED TO 4"

SIGN NAME	OHBC	QTY	2	SIGN NO.	STATION(S)
PANEL		BORDER			
WIDTH	5'-0"	WIDTH	1"		
HEIGHT	3'-0"	RADII	2"		
LEGEND	Black	COLOR	Black		
COLOR	Yellow				

SYMBOL(S)	ANGLE	X	Y	WID	HT

SIGN NO.	NO. OF POSTS	EDGE OF LANE CLEARANCE	COLUMN SIZE	AVERAGE LENGTH



NO. OF LIGHT FIXTURES ___ FIXTURE SPACING ____ PHOTOMETRIC CURVE _____ WATT ____ VOLTAGE _____

COPY		O	V	E	R	H	E	A	D		L												
SPACE	13.2	4.3	4.6	4.1	4.4	4.7	3.6	4.7	3.4	13.2	33.6												
COPY		B	R	I	D	G	E		L														
SPACE	18.5	4.4	4.4	2.2	4.4	4.6	3.1	18.5	23														
COPY		C	O	N	S	T	R	U	C	T	I	O	N		L								
SPACE	5.8	4.4	4.7	4.4	3.9	3.9	4.4	4.6	4.1	3.9	2	4.7	3.4	5.8	48.4								
COPY																							
SPACE																							
COPY																							
SPACE																							
COPY																							
SPACE																							

PROJECT NO. 15BPR.24

BRUNSWICK COUNTY

BRIDGE NO. 090013

SHEET 2 OF 2

DocuSigned by: Jacob Duke
NORTH CAROLINA PROFESSIONAL SEAL 043777 ENGINEER JACOB H DUKE
9/3/2020

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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL NOTES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2B
1			3			TOTAL SHEETS
2			4			45

DRAWN BY : JACOB H. DUKE DATE : 10/2018
CHECKED BY : DIEGO A. AGUIRRE DATE : 10/2018
DESIGN ENGINEER OF RECORD : JACOB H. DUKE DATE : 10/2018

9/3/2020
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User:jdebone