

GENERAL NOTES

ASSUMED LIVE LOAD FOR REPAIRS = HL93

GENERAL DRAWING(S) INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND THE MOST RECENT ROUTINE INSPECTION REPORTS.

ALL BRIDGE ORIENTATIONS CONFORM TO THE EXISTING BRIDGE PLANS/ROUTINE INSPECTION REPORT.

THIS STRUCTURE CONTAINS THE NECESSARY CORROSION PROTECTION.

PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL SUBMIT, FOR REVIEW AND APPROVAL, A COMPLETE SEQUENCE OF TASKS FOR EACH OPERATION AFFECTING THE BRIDGE(S) SURFACE AND/OR TRAFFIC.

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT DUE TO THE NATURE OF PRESERVATION PROJECTS, THE EXTENT OF THE WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO COMMENCEMENT OF WORK. REPAIR LOCATIONS AND ESTIMATES OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS, NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS.

THE EXISTING DIMENSIONS AND CONDITION OF THE BRIDGES ARE FROM THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN IN THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE, FEDERAL AND LOCAL REQUIREMENTS.

THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON THE DIFFERENCES BETWEEN WHAT IS SHOWN IN THE PLANS AND THE ACTUAL CONDITIONS AT EACH PROJECT SITE.

WORK ON THE BRIDGES SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL BELOW, EXCEPT WHERE THE CONTRACTOR'S PLANS USE PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES TO CATCH THE MATERIAL.

THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT THE EXISTING STRUCTURES WHICH ARE TO REMAIN IN PLACE WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY PART OF THE EXISTING STRUCTURE, WHICH IS TO REMAIN IN PLACE, THE DAMAGED AREA SHALL BE REPAIRED AND REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.

ANY DAMAGE TO EXISTING REINFORCING STEEL DURING CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AND PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT.

FOR CONTROL OF TRAFFIC AND LIMITS ON PHASING OF CONSTRUCTION, SEE TRANSPORTATION MANAGEMENT PLANS.

REMOVING VEGETATION AND DEBRIS TO IMPROVE DRAINAGE FROM THE BRIDGES AND SURROUNDING AREAS SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS PAY ITEMS FOR THIS PROJECT. REMOVE ALL DEBRIS AND VEGETATION FROM BRIDGE DECKS, APPROACH SLABS, IN THE APPROACH ROADWAYS AND FROM DRAINAGE INLETS, AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THIS WORK.

EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATIONS OF THE BRIDGE. THE CONTRACTOR SHALL TAKE CARE THAT ANY CONSTRUCTION DEBRIS THAT COLLECTS IN THE DRAINS IS CONTAINED AND REMOVED. DRAINS IN SHOULDERS OF ADJACENT TRAVEL LANES SHALL BE KEPT FREE AND CLEAR OF DEBRIS.

LONGITUDINAL CONSTRUCTION JOINTS OF OVERLAYS SHALL BE LOCATED ALONG THE CENTERLINE OR EDGE OF TRAVEL LANES.

FOR EACH BRIDGE SCOPE OF WORK, SEE SPECIAL PROVISIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL PROVIDE INDEPENDENT ASSURANCE SAMPLES OF REINFORCING STEEL AS FOLLOWS: FOR PROJECTS REQUIRING UP TO 400 TONS OF REINFORCING STEEL, ONE 30 INCH SAMPLE OF EACH SIZE BAR USED, AND FOR PROJECTS REQUIRING OVER 400 TONS OF REINFORCING STEEL, TWO 30 INCH SAMPLES OF EACH BAR USED. THE SAMPLE BARS SHOULD BE REPLACED BY SPLICED BARS AS SPECIFIED IN THE SAMPLE BAR REPLACEMENT CHART. PAYMENT FOR SAMPLE BARS AND REPLACEMENT REINFORCING STEEL SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.

FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.

FOR SILICONE JOINT SEALANT FOR SLOPE PROTECTION, SEE SPECIAL PROVISIONS.

FOR POLYMER CONCRETE BRIDGE DECK OVERLAY/OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE OVERLAY, SEE SPECIAL PROVISIONS.

FOR EXPANSION JOINT SEAL REPAIRS, SEE SPECIAL PROVISIONS.

FOR APPROACH SLAB VOID FILLING, SEE SPECIAL PROVISIONS.

FOR SLOPE PROTECTION VOID FILLING, SEE SPECIAL PROVISIONS.

FOR EPOXY COATING AND DEBRIS REMOVAL, SEE SPECIAL PROVISIONS.

FOR SCARIFYING BRIDGE DECKS AND PLACING AND FINISHING POLYMER CONCRETE OVERLAY, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR WEEP HOLE FILTERS, SEE SPECIAL PROVISIONS.

FOR BEARING REPAIRS, SEE SPECIAL PROVISIONS.

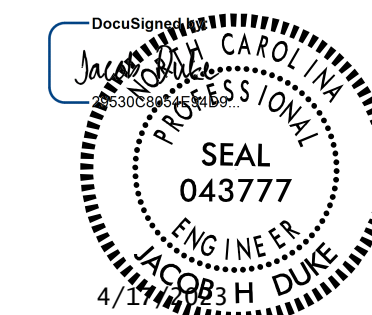
BRIDGE COORDINATES		
BRIDGE	LATITUDE	LONGITUDE
640044	34°21'11.11" N	77°53'5.39" W
640045	34°21'11.13" N	77°53'6.45" W
640058	34°16'39.72" N	77°52'5.66" W
640059	34°16'39.07" N	77°52'4.70" W

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

SAMPLE BAR REPLACEMENT	
SIZE	LENGTH
#3	6'-2"
#4	7'-4"
#5	8'-6"
#6	9'-8"
#7	10'-10"
#8	12'-0"
#9	13'-2"
#10	14'-6"
#11	15'-10"

NOTE: SAMPLE BAR REPLACEMENT LENGTHS BASED ON 30" (SAMPLE LENGTH) PLUS TWO SPLICE LENGTHS AND Fy = 60ksi.

PROJECT NO. I-6039
NEW HANOVER COUNTY
 BRIDGE NO. MULTIPLE
 BRIDGES: 640044, 640045, 640058, 640059



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL NOTES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S4
2			4			

DRAWN BY : JASON M. DEBONE DATE : 01/2023
 CHECKED BY : ALLEN J. MCSWAIN DATE : 01/2023
 DESIGN ENGINEER OF RECORD: JACOB H. DUKE DATE : 01/2023

4/17/2023
 I6039_SMU.GN01.dgn
 jduke

DOCUMENT NOT CONSIDERED FINAL
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301 FAYETTEVILLE ST., SUITE 1500
 RALEIGH, NC 27601 (919) 882-7839
 NC FIRM LICENSE: C-1506