



LOCATION SKETCH

INFORMATION ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY.

TOTAL BILL OF MATERIAL

	REPLACEMENT OF STRUCTURAL STEEL	REPLACEMENT OF STEEL GRID DECK	UNDER STRUCTURE WORK PLATFORM	WIRE ROPE CLEANING AND RELUBRICATION
	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM
TOTAL	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM

GENERAL NOTES:

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

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

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

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

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR COAST GUARD COORDINATION, SEE SPECIAL PROVISIONS.

ACCESS TO OPERATOR'S HOUSE FOR BRIDGE TENDER SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

FOR MAINTENANCE OF WATER TRAFFIC, SEE SPECIAL PROVISIONS.

FOR SECURING OF VESSELS, SEE SPECIAL PROVISIONS.

WORK ON BRIDGE SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL BELOW. THE CONTRACTOR SHALL SUBMIT PLANS FOR CONSTRUCTION IN ACCORDANCE TO ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS AND THE PROJECT SPECIAL PROVISIONS.

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

PERFORM CHAPRY V-NOTCH TESTING ON NEW STRINGERS IN ACCORDANCE WITH ARTICLE 1072-7 OF THE STANDARD SPECIFICATIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR WORK IN, OVER, OR ADJACENT TO NAVIGABLE WATERS, SEE SPECIAL PROVISIONS.

FOR STEEL TEMPORARY BARRIER RAIL, SEE TRAFFIC MANAGEMENT PLAN.

FOR WIRE ROPE CLEANING AND RELUBRICATION, SEE SPECIAL PROVISIONS.

ANY PAINT REMOVED DURING CONSTRUCTION OR PAINT DAMAGED DURING CONSTRUCTION SHALL BE CLEANED AND PAINTED IN ACCORDANCE WITH SYSTEM 1 OF SECTION 442-8 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS. PAYMENT FOR THIS CLEANING AND PAINTING SHALL BE INCLUDED IN THE REPLACEMENT OF STRUCTURAL STEEL PAY ITEM.

THE CONTRACTOR'S ATTENTION IS BROUGHT TO THE FACT THAT THERE IS CONDUIT CLAMPED TO THE BOTTOM FLANGE OF THE STRINGERS NEAR FB2, FB6, AND FB10 THAT CARRIES THE WIRING FOR THE NAVIGATION LIGHTS. CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A METHOD TO TEMPORARILY SUPPORT THE CONDUIT, TEMPORARILY REROUTE THE CONDUIT, OR PROVIDE TEMPORARY NAVIGATION LIGHTING. NAVIGATION LIGHTS SHALL BE FUNCTIONAL AT ALL TIMES. CONDUIT SHALL BE RE-CLAMPED TO THE PROPOSED STRINGERS AFTER THEY ARE INSTALLED.

ALL FAYING SURFACES EXPOSED DURING CONSTRUCTION SHALL BE CLEANED AND PAINTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND NCDOT STRUCTURAL STEEL SHOP COATINGS PROGRAM.

GRID DECK WILL BE SUPPLIED BY THE DEPARTMENT. FOR REPLACEMENT OF STEEL GRID DECK, SEE SPECIAL PROVISIONS.

STRUCTURAL STEEL WILL BE SUPPLIED BY THE DEPARTMENT FOR REPLACEMENT OF THE STRINGERS AND DIAPHRAGMS. CONTRACTORS COST FOR REPLACEMENT OF STRUCTURAL STEEL SHOULD NOT INCLUDE THE COST TO SUPPLY THE STRUCTURAL STEEL.

ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 50 AND PAINTED IN ACCORDANCE WITH SYSTEM 1 OF SECTION 442-8 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS.

INASMUCH AS THE PAINT SYSTEM ON THE EXISTING STRUCTURAL STEEL CONTAINS LEAD, THE CONTRACTOR'S ATTENTION IS DIRECTED TO ARTICLE 107-1 OF THE STANDARD SPECIFICATIONS. ANY COSTS RESULTING FROM COMPLIANCE WITH APPLICABLE STATE OR FEDERAL REGULATIONS PERTAINING TO HANDLING OF MATERIALS CONTAINING LEAD BASED PAINT SHALL BE INCLUDED IN THE BID PRICES FOR ITEMS ASSOCIATED WITH REPLACEMENT OF STRUCTURAL STEEL.

FOR UNDER STRUCTURE WORK PLATFORM, SEE SPECIAL PROVISIONS.

FOR REQUIREMENTS OF MAINTAINING BALANCE OF THE LIFT SPAN DURING CONSTRUCTION, SEE MECHANICAL SPECIAL PROVISION. COST SHALL BE INCLUDED IN THE REPLACEMENT OF STRUCTURAL STEEL PAY ITEM.

THE COLOR OF THE FINAL PAINT COATING SHALL MATCH THE COLOR OF THE EXISTING STRUCTURAL STEEL ON THE LIFT SPAN AND SHALL BE SUBMITTED FOR REVIEW AND APPROVAL.

CONTRACTOR SHALL SUBMIT A PLAN FOR MAINTAINING BALANCE ON THE STRUCTURE DURING CONSTRUCTION FOR REVIEW AND APPROVAL.

THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT THE EXISTING STRUCTURE WHICH IS 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 OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.

REMOVAL AND DISPOSAL OF EXISTING STRUCTURAL STEEL SHALL BE INCLUDED IN THE REPLACEMENT OF STRUCTURAL STEEL PAY ITEM.

CONTRACTOR SHALL NOTIFY ENGINEER IF ANY CONNECTION ANGLES, OR OTHER EXISTING MEMBERS TO REMAIN, HAVE SECTION LOSS OF 25% OR GREATER. THE DEPARTMENT WILL SUPPLY (24) BLANK L4x4x3/8 STRINGER TO FLOORBEAM CONNECTION ANGLES.

BECAUSE THE PROFILE OF THE GRID DECK IS DETERMINED BY THE VERTICAL LOCATION OF THE STRINGERS, EXTREME CARE SHOULD BE TAKEN WHEN LOCATING THE FIELD DRILLED HOLES FOR THE STRINGER CONNECTIONS TO ENSURE A SMOOTH GRID DECK PROFILE.

POSITION STRINGER MILL CAMBER UP.

FOR REPLACEMENT OF STRUCTURAL STEEL, SEE SPECIAL PROVISIONS.

PROJECT NO. 15BPR.102.3
 NEW HANOVER COUNTY
 BRIDGE NO. 640013

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL NOTES AND TOTAL BILL OF MATERIAL

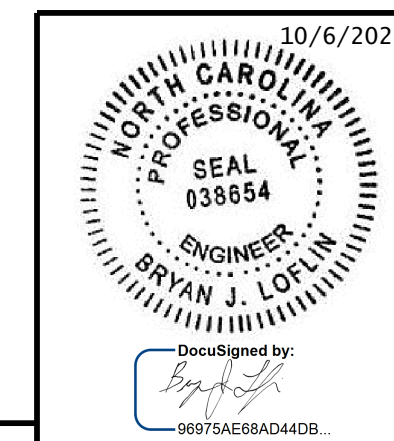
REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			TOTAL SHEETS
2			4			21



333 FAYETTEVILLE STREET, SUITE 500
 RALEIGH, NC 27601
 NC LICENSE NO. C-2979

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DESIGNED BY: M. NIFONG DATE: JUL 2023
 DRAWN BY: R. JOHNSON DATE: JUL 2023
 CHECKED BY: B. LOFLIN DATE: AUG 2023
 DESIGN ENGINEER OF RECORD: B. LOFLIN DATE: SEP 2023