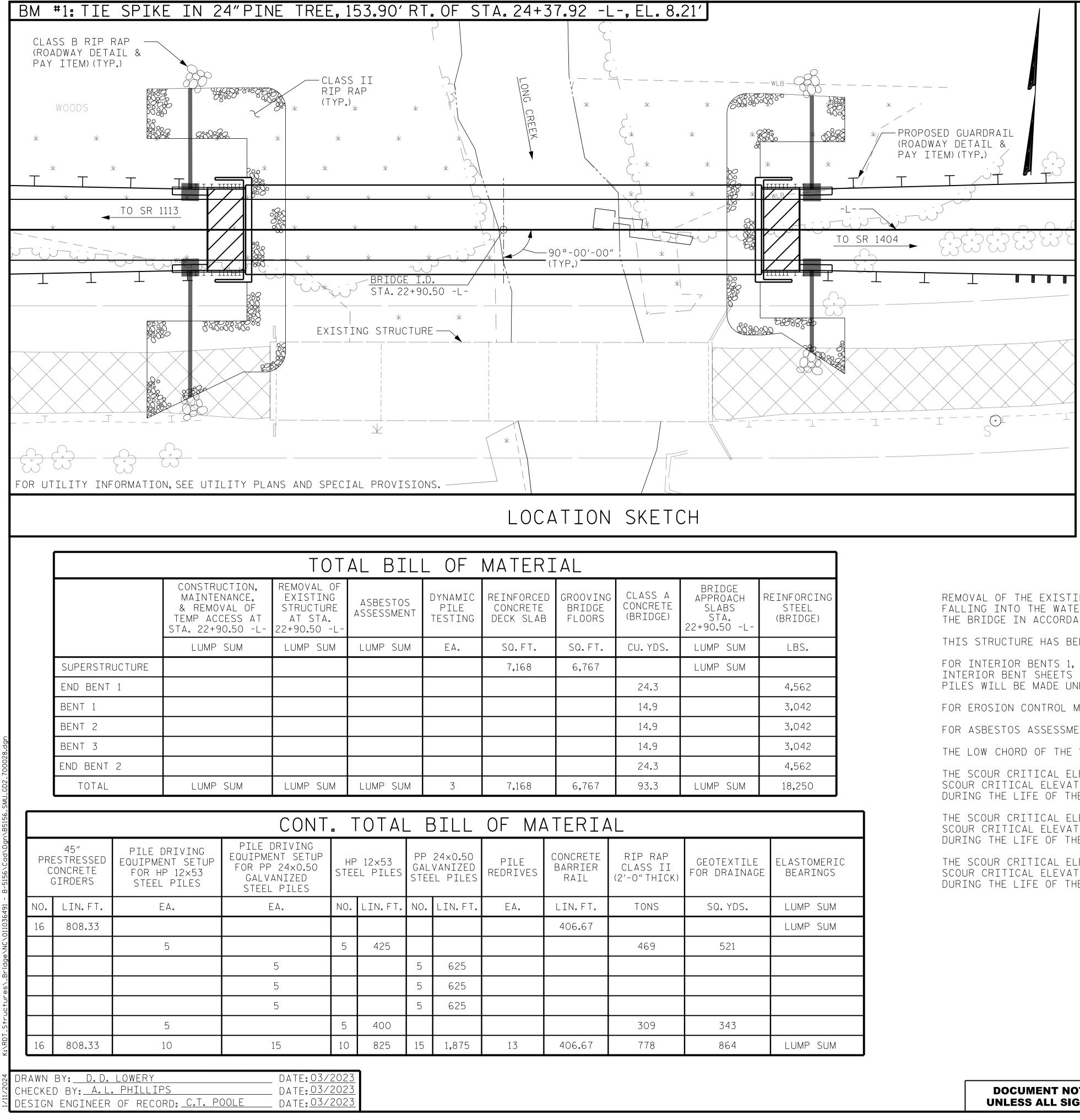
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VING DGE DRS	CLASS A CONCRETE (BRIDGE)	BRIDGE APPROACH SLABS STA. 22+90.50 -L-	REINFORCING STEEL (BRIDGE)
FT.	CU.YDS.	LUMP SUM	LBS.
67		LUMP SUM	
	24.3		4,562
	14.9		3,042
	14.9		3,042
	14.9		3,042
	24.3		4,562
67	93.3	LUMP SUM	18,250

IAL					
TE ER	RIP RAP CLASS II (2'-O"THICK)	GEOTEXTILE For drainage	ELASTOMERIC BEARINGS		
T.	TONS	SQ.YDS.	LUMP SUM		
7			LUMP SUM		
	469	521			
	309	343			
7	778	864	LUMP SUM		

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING. THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

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

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY. SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

PRESTRESSED CONCRETE DECK PANELS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.

REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.

FOR SECURING OF VESSELS. SEE SPECIAL PROVISIONS.

BY THE ENGINEER.

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 PRICE FOR "REMOVAL OF EXISTING STRUCTURE AT STATION 22+90.50 -L-".

THE CONTRACTOR SHALL BE REQUIRED TO CONSTRUCT, MAINTAIN AND AFTERWARDS REMOVE A TEMPORARY ACCESS AT STATION 22+90.50 -L- FOR USE DURING CONSTRUCTION OF THE PROPOSED STRUCTURE. FOR CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY ACCESS, SEE SPECIAL PROVISIONS.

AFTER SERVING AS A TEMPORARY STRUCTURE THE EXISTING STRUCTURE CONSISTING OF 4 SPANS (1 @ 42.70', 1 @ 42.42', 1 @ 42.70', 1 @ 41.75') OF REINFORCED CONCRETE DECK GIRDERS WITH A CLEAR ROADWAY WIDTH OF 31'-3" ON REINFORCED CONCRETE CAPS AND REINFORCED CONCRETE COLUMNS AND STEEL PILES AND LOCATED APPROXIMATELY 60 FEET SOUTH OF THE PROPOSED STRUCTURE SHALL BE REMOVED. THE EXISTING BRIDGE IS PRESENTLY NOT POSTED FOR LOAD LIMIT. SHOULD THE STRUCTURAL INTEGRITY OF THE BRIDGE DETERIORATE DURING CONSTRUCTION OF THE PROPOSED BRIDGE, A LOAD LIMIT MAY BE POSTED AND MAY BE REDUCED AS FOUND NECESSARY DURING THE LIFE OF THE PROJECT.

THE SUBSTRUCTURE OF THE EXISTING BRIDGE INDICATED ON THE PLANS IS FROM THE BEST INFORMATION AVAILABLE. SINCE THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT OF TRANSPORTATION FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN THE EXISTING BRIDGE SUBSTRUCTURE SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

REMOVAL OF THE EXISTING BRIDGE SHALL BE PERFORMED IN A MANNER THAT PREVENTS DEBRIS FROM FALLING INTO THE WATER. THE CONTRACTOR SHALL SUBMIT DEMOLITION PLANS FOR REVIEW AND REMOVE THE BRIDGE IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS.

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH ``HEC 18-EVALUATING SCOUR AT BRIDGES''.

FOR INTERIOR BENTS 1, 2, AND 3, ONLY PARTIAL GALVANIZING OF THE PILES IS REQUIRED. SEE INTERIOR BENT SHEETS FOR REQUIRED GALVANIZED LENGTHS. PAYMENT FOR PARTIALLY GALVANIZED PILES WILL BE MADE UNDER THE CONTRACT UNIT PRICE FOR GALVANIZED STEEL PILES.

FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

FOR ASBESTOS ASSESSMENT, SEE SPECIAL PROVISIONS.

THE LOW CHORD OF THE WORK BRIDGE SHALL MATCH THE LOW CHORD OF THE EXISTING BRIDGE.

THE SCOUR CRITICAL ELEVATION FOR BENT NO.1 IS ELEVATION -3.5 FEET. SCOUR CRITICAL ELEVATIONS ARE USED TO MONITOR POSSIBLE SCOUR PROBLEMS DURING THE LIFE OF THE STRUCTURE.

THE SCOUR CRITICAL ELEVATION FOR BENT NO.2 IS EL SCOUR CRITICAL ELEVATIONS ARE USED TO MONITOR PO DURING THE LIFE OF THE STRUCTURE.

THE SCOUR CRITICAL ELEVATION FOR BENT NO.3 IS EL SCOUR CRITICAL ELEVATIONS ARE USED TO MONITOR PO DURING THE LIFE OF THE STRUCTURE.

> lla 5A

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NOTES

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED

ELEVATION -11.5 FEET. R POSSIBLE SCOUR PROBLEMS	PROJECT NO. <u>B-5156</u> <u>PENDER</u> COUNTY		
ELEVATION -6.5 FEET. R POSSIBLE SCOUR PROBLEMS	STATION: 22+90.50 -L-		
	SHEET 4 OF 4		
DocuSigned by: Uay + Poole SAE25A6E03D2425	DEPARTMENT OF TRANSPORTATION RALEIGH GENERAL DRAWING FOR BRIDGE OVER LONG CREEK ON NC 210 BETWEEN		
Kimley Worn	SR 1113 AND SR 1404		
421 Fayetteville Street, Suite 600 Raleigh, NC 27601-1772 Phone (919) 677-2000 F-0102	REVISIONS SHEET NO.		
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