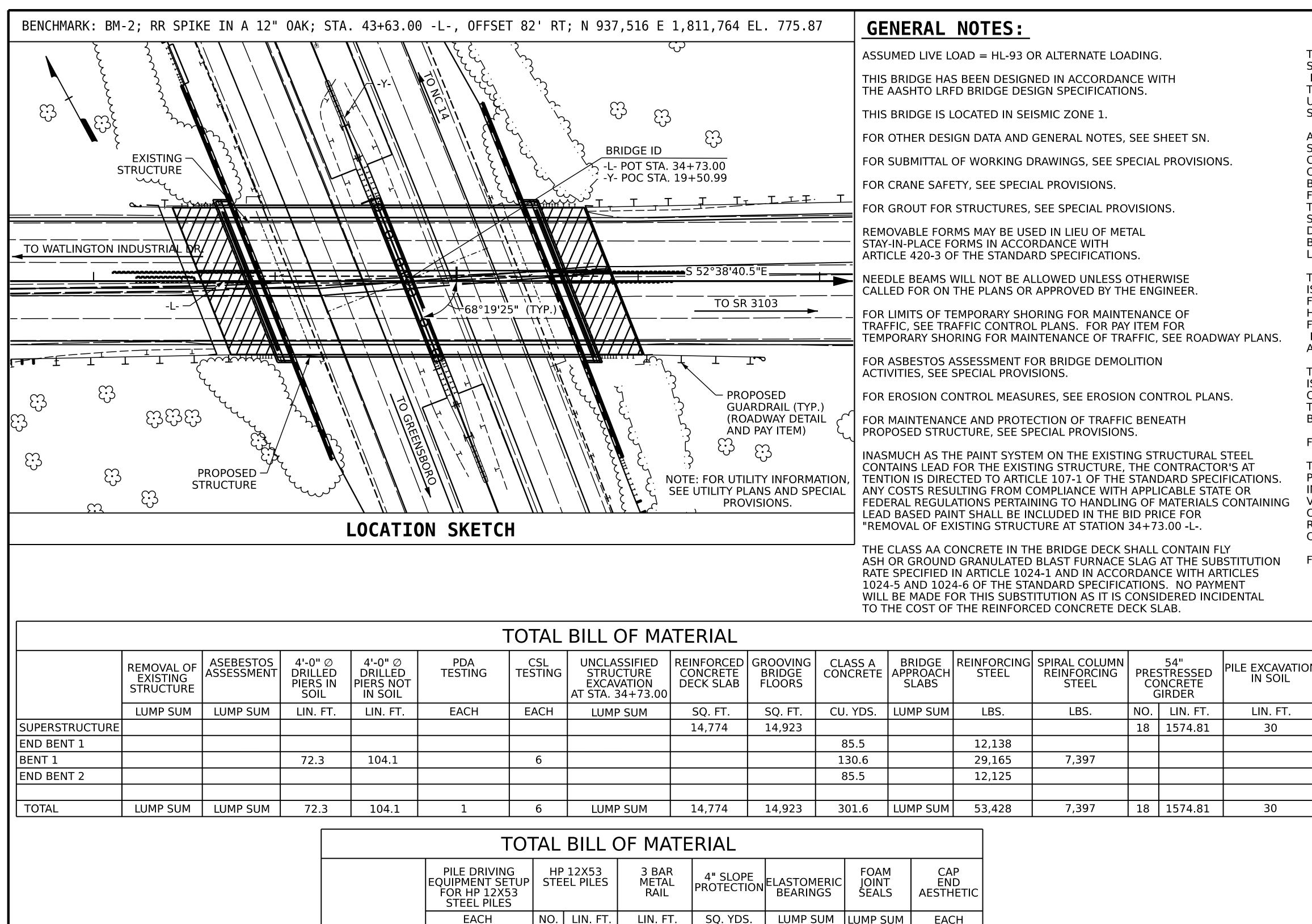
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+



TOTAL	30
-	

SUPERSTRUCTURE

END BENT 1

END BENT 2

BENT 1

DRAWN BY :	S. NATARAJAN			03/2022
CHECKED BY :	G	. COLS	DATE :	05/2022
DESIGN ENGINEER O	F RECORD:	G. COLS	DATE :	12/2022

2/16/2023 c:\pwworking\aecom_ds21_na_2020\d0125629\401_007_BR-0041_SMU_L0C_S1-04_780001.dgn gregory.cols

15

15

15 |

15

640

790

30 1430

F MATERIAL										
SIFIED TURE TION +73.00	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	CO	54" STRESSED NCRETE IRDER	PILE EXCAVATION IN SOIL	PILE EXCAVATION NOT IN SOIL
SUM	SQ. FT.	SQ. FT.	CU. YDS.	LUMP SUM	LBS.	LBS.	NO.	LIN. FT.	LIN. FT.	LIN. FT.
	14,774	14,923					18	1574.81	30	14
			85.5		12,138					
			130.6		29,165	7,397				
			85.5		12,125					
5UM	14,774	14,923	301.6	LUMP SUM	53,428	7,397	18	1574.81	30	14
		-		-					-	

F MATERIAL							
3 BAR METAL RAIL	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	FOAM JOINT SEALS	CAP END AESTHETIC			
LIN. FT.	SQ. YDS.	LUMP SUM	LUMP SUM	EACH			
337.39							
	35.8						
				2			
	38.5						
337.39	74.3	LUMP SUM	LUMP SUM	2			

DOCUMENT	NOT	CON	ISIDERE
FINAL	UNL	ESS	ALL
SIGNATU	RES	COM	PLETED

THE MATERIAL SHOWN IN THE CROSS-HATCHED AREA ON SHEET 1 OF 4 SHALL BE EXCAVATED FOR A DISTANCE OF 45 FT. LEFT AND RIGHT OF CENTERLINE -L-AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR UNCLASSIFIED STRUCTURE EXCAVATION. SEE SECTION 412 OF THE STANDARD SPECIFICATIONS.

AFTER SERVING AS A TEMPORARY STRUCTURE, THE EXISTING STRUCTURE CONSISTING OF A 4 SPAN (52.5'- 68.5' - 68.5' - 46') CONCRETE DECK ON ROLLED STEEL W-SHAPE GIRDERS, WITH 76.0 FT CLEAR ROADWAY WIDTH, SUPPORTED BY PILE BENT CONCRETE END BENTS AND CONCRETE POST AND BEAM BENTS ON ISOLATED SPREAD FOOTINGS, AND LOCATED AT THE PROPOSED STRUCTURE SHALL BE REMOVED. THE EXISTING BRIDGE IS PRESENTLY NOT POSTED FOR LOAD LIMIT. SHOULD THE STRUCTURAL INTEGRITY OF THE BRIDGES 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. 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.

THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS IS BASED ON AN APPROXIMATE GROUND LINE ELEVATION. IF THE CONSTRUCTION JOINT IS ABOVE THE ACTUAL GROUND ELEVATION, THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT 1 FT. BELOW THE GROUND LINE.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

THE ELEVATIONS AND CLEARANCES SHOWN ON THE PLANS AT THE POINTS OF MINIMUM VERTICAL CLEARANCE ARE FROM THE BEST INFORMATION AVAILABLE. PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE ELEVATIONS ON THE EXISTING PAVEMENT AND CHECK THE CLEARANCE. REPORT ANY VARIATIONS TO THE ENGINEER. ANY PLAN **REVISIONS NECESSARY TO ACHIEVE THE REQUIRED MINIMUM VERTICAL** CLEARANCE WILL BE PROVIDED BY THE DEPARTMENT.

FOR CAP END AESTHETIC, SEE SPECIAL PROVISIONS.

	PROJECT NO. BR-0041 ROCKINGHAM COUNTY STATION: POT 34+73.00 -L- SHEET 4 OF 4					
AECOM TECHNICAL SERVICES OF NC, INC. 5438 WADE PARK BOULEVARD, SUITE 200 RALEIGH, NC 27607 (919) 854-6200 www.aecom.com AECOM License No. F-0342	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SEAL Docustoned by 041343	GENERAL DRAWING FOR BRIDGE ON SR 2817 (BARNES ST) OVER US 29 BETWEEN WATLINGTON INDUSTRIAL DR AND SR 3103 REVISIONS SHEET NO.					
2/19/2023						
ED	NO. BY:	DATE:	NO. BY:	DATE:	S-04	
	12		3 4		total sheets 48	