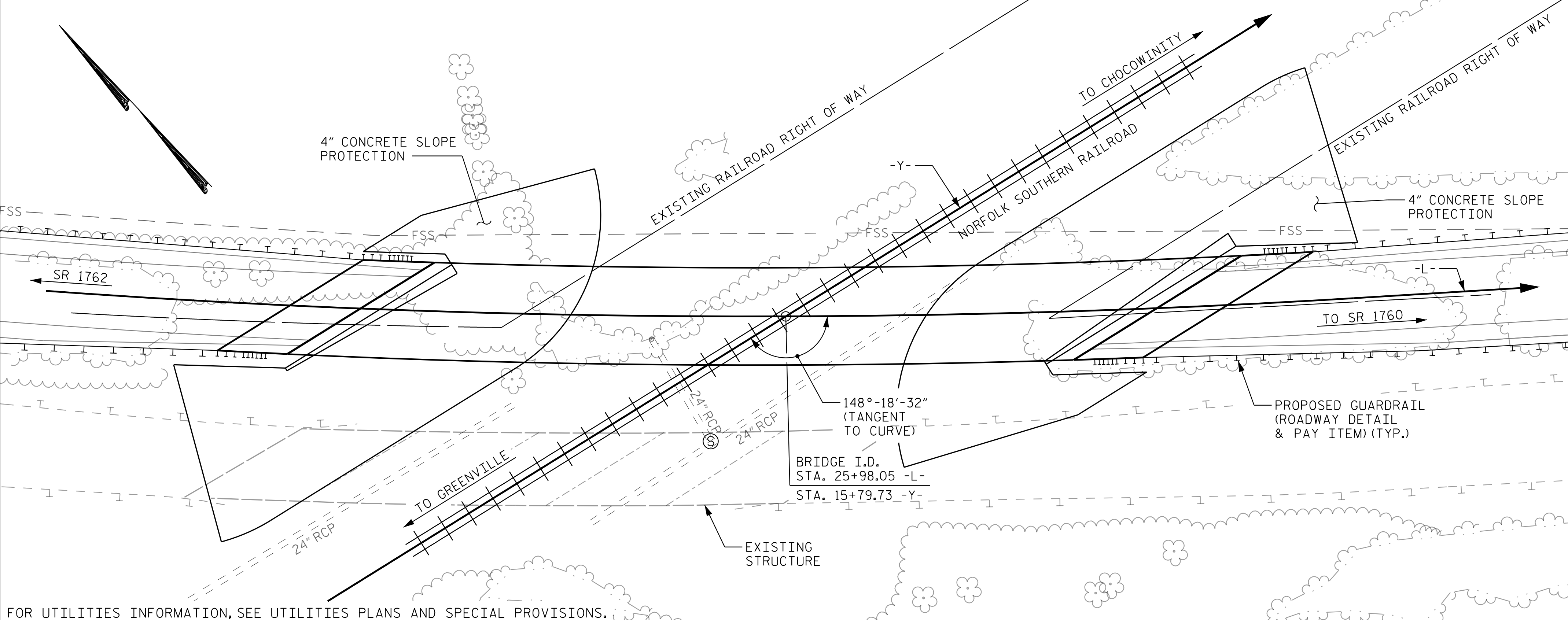


BM #1: RR SPIKE SET IN BASE OF 36" TWIN OAK TREE, 284.24' RIGHT OF STATION 30+33.22 -L-, EL. 41.36' (N 666673 E 2534380)



FOR UTILITIES INFORMATION, SEE UTILITIES PLANS AND SPECIAL PROVISIONS.

LOCATION SKETCH

NOTES

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.

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

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

FOR MODIFIED 74" PRESTRESSED CONCRETE GIRDERS, SEE SPECIAL PROVISIONS.

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

THE RAILROAD TRACK TOP OF RAIL ELEVATIONS ON THE PLANS ARE FROM THE BEST INFORMATION AVAILABLE. PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE TOP OF RAIL ELEVATIONS AND REPORT ANY VARIATIONS TO THE ENGINEER. ANY PLAN REVISIONS NECESSARY TO ACHIEVE THE REQUIRED MINIMUM CLEARANCE WILL BE PROVIDED BY THE DEPARTMENT.

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

THE EXISTING STRUCTURE CONSISTING OF 5 SPANS (1 @ 41.9', 1 @ 42.5', 1 @ 45.0', 1 @ 42.8', 1 @ 43.9') OF REINFORCED CONCRETE DECK GIRDERS WITH A CLEAR ROADWAY WIDTH OF 25'-11" ON REINFORCED CONCRETE CAPS AND CONCRETE (PPC) PILES AND LOCATED APPROXIMATELY 60 FEET SOUTHWEST 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.

FOR INTERIOR BENTS 1 AND 2, 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.

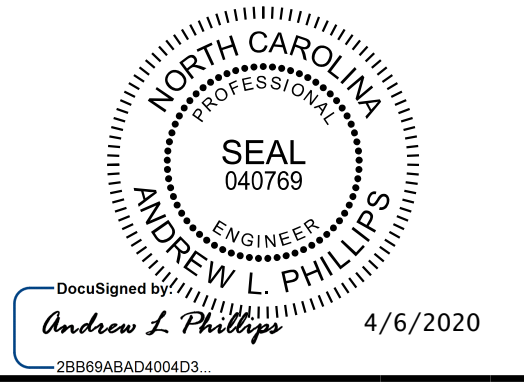
FOR ASBESTOS ASSESSMENT FOR BRIDGE DEMOLITION AND RENOVATION ACTIVITIES, SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL												
	REMOVAL OF EXISTING STRUCTURE AT STATION 25+98.05 -L-	ASBESTOS ASSESSMENT	PDA TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS @ STA. 25+98.05 -L-	REINFORCING STEEL	PILE DRIVING EQUIPMENT SETUP FOR HP 12 X 53 STEEL PILES	PILE DRIVING EQUIPMENT SETUP FOR PP 30 X 0.50 GALVANIZED STEEL PILES	HP 12 X 53 STEEL PILES	
	LUMP SUM	LUMP SUM	EA.	SO. FT.	SO. FT.	CU. YDS.	LUMP SUM	LBS.	EA.	EA.	NO.	LIN. FT.
SUPERSTRUCTURE				9,781	9,627		LUMP SUM					
END BENT 1						136.8		31,897	11		11	825
BENT 1						40.3		8,548		8		
BENT 2						41.7		8,573		8		
END BENT 2			2			154.4		35,434	13		13	975
TOTAL	LUMP SUM	LUMP SUM	2	9,781	9,627	373.2	LUMP SUM	84,452	24	16	24	1800

TOTAL BILL OF MATERIAL									
PP 30 X 0.50 GALVANIZED STEEL PILES		PILE REDRIVES	TWO BAR METAL RAIL	1'-2" X 2'-6" CONCRETE PARAPET	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	EXPANSION JOINT SEALS	MODIFIED 74" PRESTRESSED CONCRETE GIRDERS	
NO.	LIN. FT.	EA.	LIN. FT.	LIN. FT.	SO. YDS.	LUMP SUM	LUMP SUM	NO.	LIN. FT.
			546.8	584.4		LUMP SUM	LUMP SUM	12	1,097.58
		4			1,030				
8	600	4							
8	680	4							
		5			1,122				
16	1280	17	546.8	584.4	2,152	LUMP SUM	LUMP SUM	12	1,097.58

PROJECT NO. B-5301
PITT COUNTY
 STATION: 25+98.05 -L-

SHEET 4 OF 4



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 Phone (919) 677-2000
 NC LICENSE # F-0102

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER
 NORFOLK SOUTHERN
 RAILROAD ON NC 33
 BETWEEN SR 1762 & SR 1760

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-4
1			3			TOTAL SHEETS
2			4			55

DRAWN BY: D. D. LOWERY DATE: 2/20
 CHECKED BY: C. I. POOLE DATE: 2/20
 DESIGN ENGINEER OF RECORD: A. L. PHILLIPS DATE: 2/20

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

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