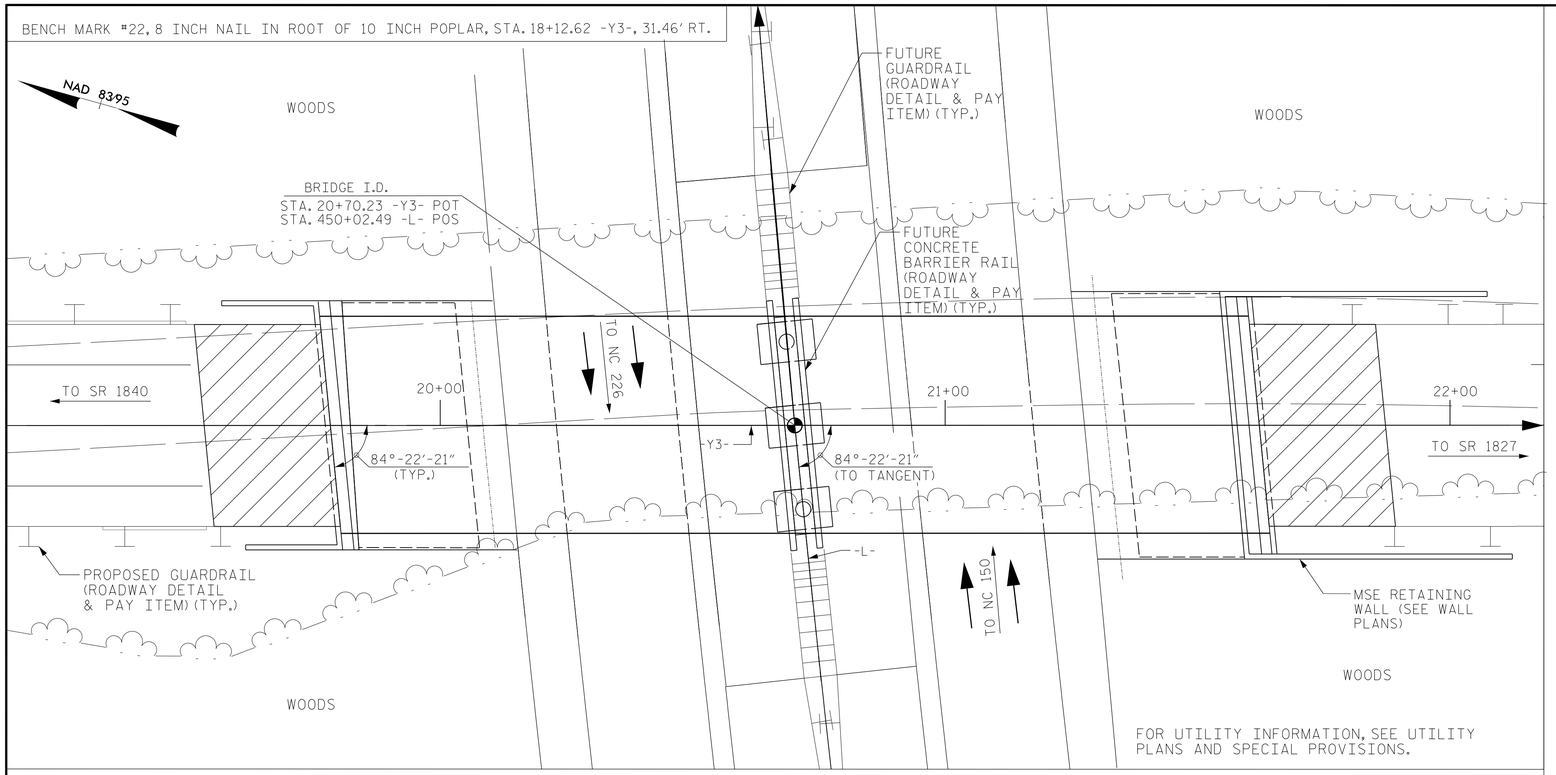

LOCATION SKETCH

1. ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING
2. THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
3. THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.
4. THE ELEVATION(S) AND CLEARANCE(S) SHOWN ON THE PLANS AT THE POINT(S) OF MINIMUM VERTICAL CLEARANCE ARE FROM THE BEST INFORMATION AVAILABLE. PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE ELEVATION(S) 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.
5. REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.
6. FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.
7. FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.
8. FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
9. FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.
10. FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.
11. FOR PLACING LOAD ON STRUCTURE MEMBERS, SEE SPECIAL PROVISIONS
12. FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.
13. NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.
14. THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE 2" AT END BENTS 1 & 2.
15. FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.
16. FOR EMBEDDED CLIPS FOR PRESTRESSED CONCRETE GIRDERS, SEE SPECIAL PROVISIONS.
17. FOR FOUNDATION NOTES, SEE SHEET S4-2.
18. THE CLASS AA CONCRETE IN THE BRIDGE DECK SHALL CONTAIN FLY ASH OR GROUND GRANULATED BLAST FURNACE SLAG AT THE SUBSTITUTION RATE SPECIFIED IN ARTICLE 1024-1 AND IN ACCORDANCE WITH ARTICLES 1024-5 AND 1024-6 OF THE STANDARD SPECIFICATIONS. NO PAYMENT WILL BE MADE FOR THIS SUBSTITUTION AS IT IS CONSIDERED INCIDENTAL TO THE COST OF THE REINFORCED CONCRETE DECK SLAB.

TOTAL BILL OF MATERIAL

	FOUNDATION EXCAVATION FOR BENT 1	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOOR	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	54" PRESTRESSED CONCRETE GIRDERS		PILE DRIVING EQUIPMENT SETUP FOR HP 12X53 STEEL PILES	HP 12X53 STEEL PILES		CONCRETE BARRIER RAIL	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	FOAM JOINT SEAL
	LUMP SUM	SQ. FT.	SQ. FT.	CU. YDS.	LUMP SUM	LBS	LBS	NO.	LIN. FT.	EACH	No.	LIN. FT.	LIN. FT.	SQ. YDS.	LUMP SUM	LUMP SUM
SUPERSTRUCTURE		7,954	8,558		LUMP SUM			8	729'-0"				367.81		LUMP SUM	LUMP SUM
END BENT No. 1				43.8		6,720				8	8	200		168		
BENT No. 1	LUMP SUM			131.9		24,444	1,599									
END BENT No. 2				35.1		5,138				8	8	380		175		
TOTAL	LUMP SUM	7,954	8,558	210.8	LUMP SUM	36,302	1,599	8	729'-0"	16	16	580	367.81	343	LUMP SUM	LUMP SUM

DocuSigned by: Jeff Loftus FE51DC022E6794A9... 3/28/2017

NORTH CAROLINA PROFESSIONAL SEAL 041425 ENGINEER JEFFREY M LOFTUS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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PROJECT NO. R-2707C
CLEVELAND COUNTY
STATION: 20+70.23-Y3- POT
SHEET 3 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE OVER
US 74/SHELBY BYPASS
ON SR 1005 (N LAFAYETTE ST.)
BETWEEN SR 1840 AND SR 1827

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S4-3
1			3			TOTAL SHEETS
2			4			29

STR. #4

DRAWN BY: H.ASSFOURA DATE : 08/16
CHECKED BY: J.LOFTUS DATE : 11/16
DESIGN ENGINEER OF RECORD: J.LOFTUS DATE : 01/17

R 2707C_SITE 3
3/28/2017
...\404_005_R2707C_SMLLS3_S4-3.dgn
USER:default