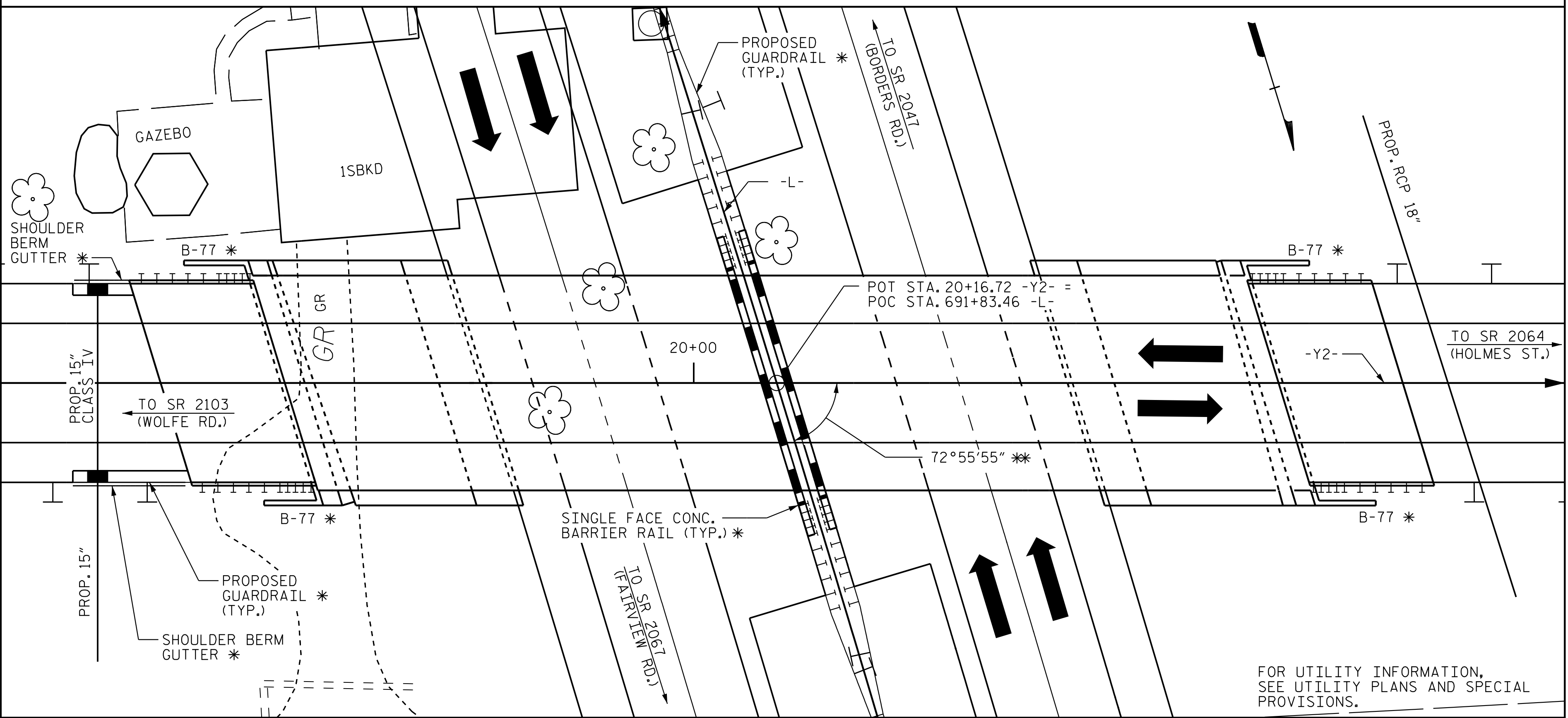


BM #30: -L- STA. 666+89.97, 192.53' RT. EL. 908.10. CHISELED SQUARE WITH "X" ON CONCRETE CURB.



LOCATION SKETCH

** ANGLE MEASURED TO TANGENT TO CURVE @ -L- STA. 691+83.46

* DENOTES ROADWAY DETAIL AND PAY ITEM

NOTES

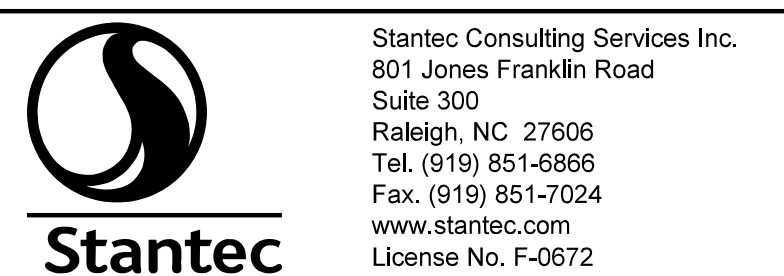
- ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.
- THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
- THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.
- FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.
- FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.
- FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
- FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.
- FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.
- REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.
- NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.
- WORK SHALL NOT BE STARTED ON THIS BRIDGE OR SPECIFIC PARTS OF BRIDGE UNTIL ROADWAY SECTION HAS BEEN EXCAVATED.
- FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.
- 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.
- FOR MODIFIED 54" PRESTRESSED CONCRETE GIRDERS, SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL

	FOUNDATION EXCAVATION FOR BENT 1	PDA TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	PILE DRIVING EQUIPMENT SETUP FOR HP 12X53 STEEL PILES	HP 12X53 STEEL PILES		CONCRETE BARRIER RAIL	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	MODIFIED 54" PRESTRESSED CONCRETE GIRDERS	
	LUMP SUM	EA.	SO.FT.	SO.FT.	CU.YDS.	LUMP SUM	LBS.	LBS.	EA.	NO.	LIN.FT.	LIN.FT.	SO.YDS.	LUMP SUM	NO.	LIN.FT.
SUPERSTRUCTURE			8,729	9,189		LUMP SUM						400.2		LUMP SUM	10	987.81
END BENT 1					48.9		7,461		8	8	500		164			
BENT 1	LUMP SUM				78.5		13,990	1,168	18	18	585					
END BENT 2					48.5		7,290		8	8	400		178			
TOTAL	LUMP SUM	1	8,729	9,189	175.9	LUMP SUM	28,741	1,168	34	34	1,485	400.2	342	LUMP SUM	10	987.81

PROJECT NO. R-2707D
 CLEVELAND COUNTY
 STATION: 20+16.72 -Y2-

SHEET 3 OF 3



DRAWN BY: M. B. ISENHOUR DATE: 10/11/18
 CHECKED BY: V. E. FRAGA DATE: 11/21/18
 DESIGN ENGINEER OF RECORD: J. T. KELVINGTON DATE: 04/27/22



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 GENERAL DRAWING
 FOR BRIDGE OVER US 74 BYPASS
 ON SR 2052 (ELIZABETH AVE.) BETWEEN
 SR 2125 (LOWMAN RD.)
 AND SR 2047 (BORDERS RD.)

NO.	BY:	DATE:	REVISIONS			SHEET NO.
			NO.	BY:	DATE:	
1			3			S2-04
2			4			TOTAL SHEETS 35

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

jhagenbush

4/27/2023

c:\pvt\working\dm5537A\R2707D_SMLL_GD02-220489.dgn