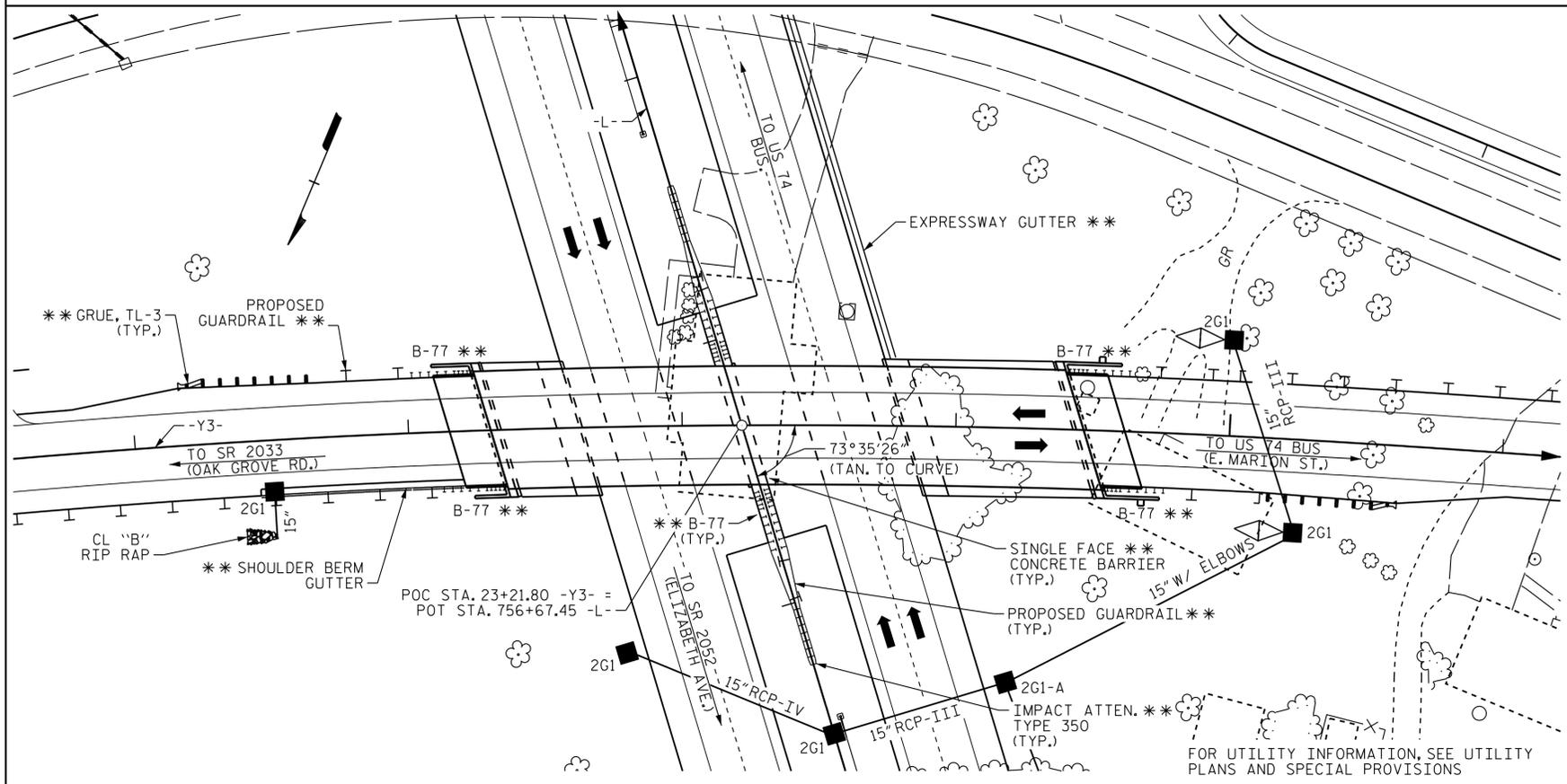


BM #33: 8 INCH NAIL IN BASE OF 8 INCH RED OAK. N566299 E1261016, STA. 709+29.00 -BL-, 3' LT. EL. 784.14



LOCATION SKETCH

** 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 SPECIFICATION.
- 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 THE BRIDGE UNTIL ROADWAY SECTION HAS BEEN EXCAVATED.
- 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 EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.
- FOR 54" PRESTRESSED CONCRETE FLORIDA I-BEAMS, 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 12 X 53 STEEL PILES	HP 12 X 53 STEEL PILES		PREDRILLING FOR PILES	CONCRETE BARRIER RAIL	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	FOAM JOINT SEALS	54" PRESTRESSED CONCRETE FLORIDA I-BEAMS	
	LUMP SUM	EA.	SQ. FT.	SQ. FT.	CU. YDS.	LUMP SUM	LBS.	LBS.	EA.	NO.	LIN. FT	LIN. FT	LIN. FT	SQ. YDS	LUMP SUM	LUMP SUM	NO.	LIN. FT
SUPERSTRUCTURE			9,367	9,046		LUMP SUM							433.32				10	1,072.4
END BENT 1					52.0		8,297		9	9	405			132				
BENT 1	LUMP SUM				86.0		14,042	1,403	21	21	840	105						
END BENT 2					71.0		8,835		11	11	660		333					
TOTAL	LUMP SUM	1	9,367	9,046	209.0	LUMP SUM	31,174	1,403	41	41	1,905	105	433.32	465	LUMP SUM	LUMP SUM	10	1,072.4

PROJECT NO. R-2707D
CLEVELAND COUNTY
 STATION: 23+21.80 -Y3-

SHEET 5 OF 6

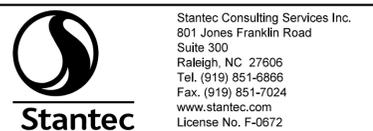
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE OVER US 74 BYPASS
 ON SR 2047 BORDERS RD.
 BETWEEN SR 2052 (ELIZABETH AVE.) AND
 US 74 BUS. (E MARION ST.)



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-05
1			3			TOTAL SHEETS
2			4			36

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DRAWN BY: J. F. KENNEDY DATE: 02/16/18
 CHECKED BY: V. E. FRAGA DATE: 05/05/23
 DESIGN ENGINEER OF RECORD: V. E. FRAGA DATE: 05/16/23

5/16/2023 11:33:17 AM jHagenbush