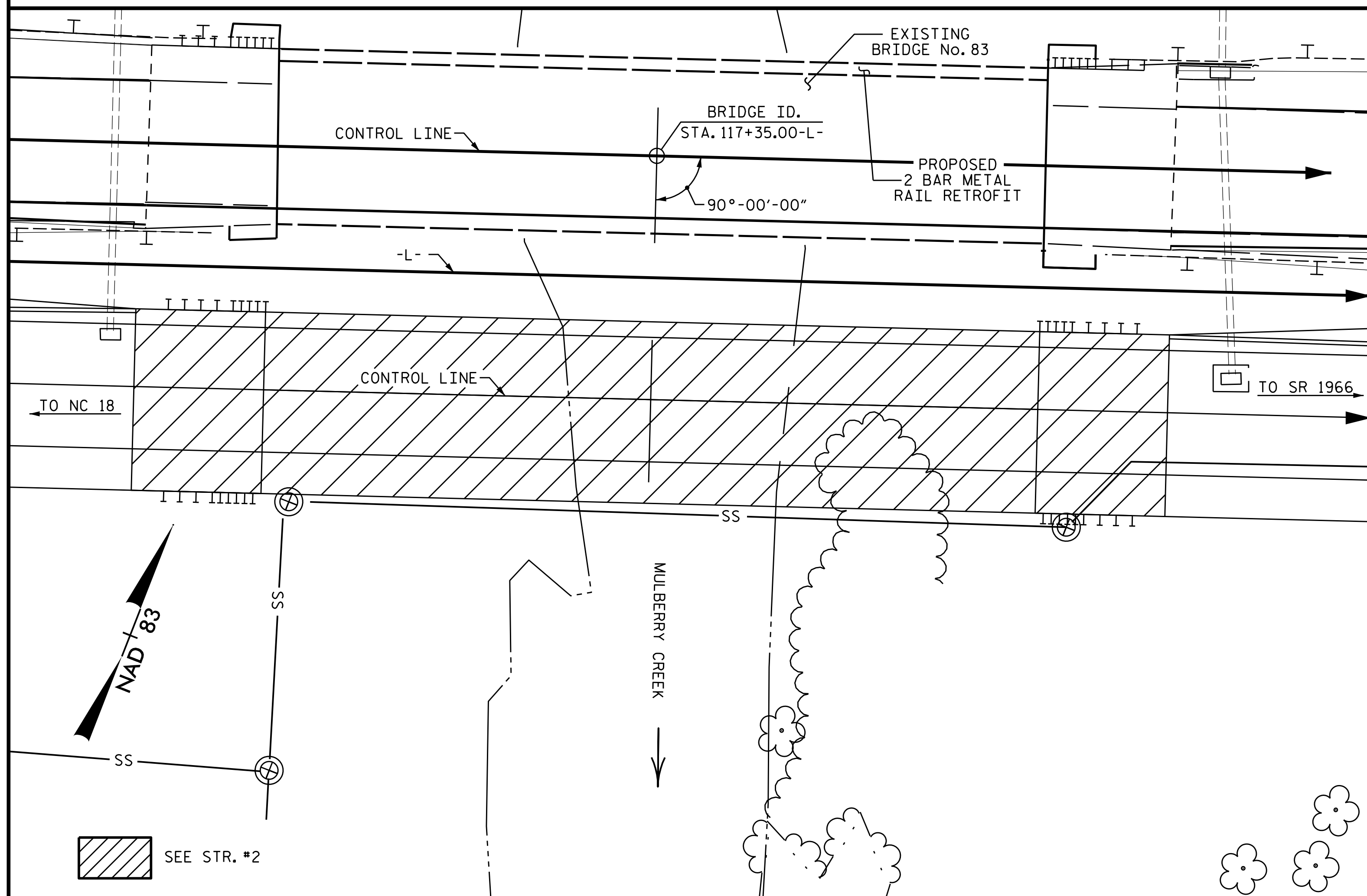
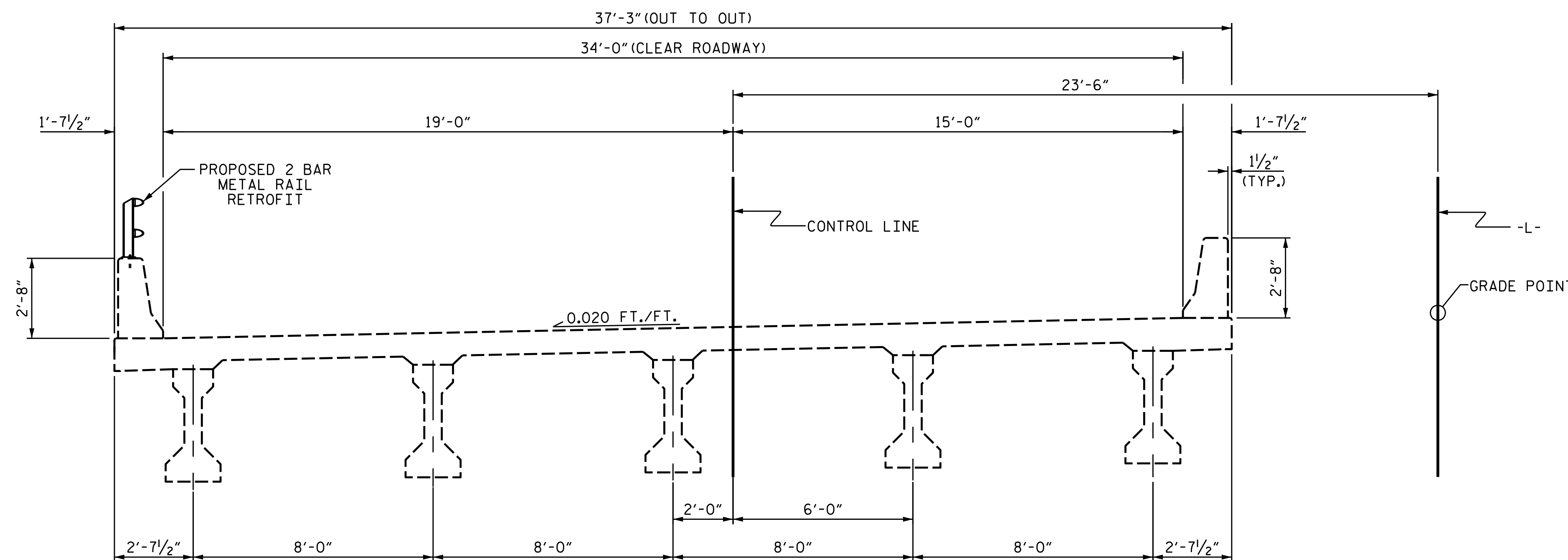


B.M. #6: 8" SPIKE IN ROOT OF 10" Ø WALNUT TREE ON BANK OF MULBERRY CREEK,  
STA. 118+08.33-L-, 209.61 LT., ELEV. 994.53

F.A. PROJECT No.: STP-0268(17)



LOCATION SKETCH



TYPICAL SECTION

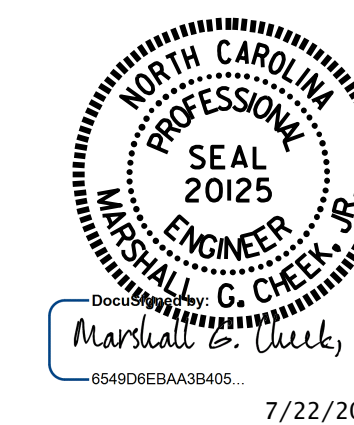
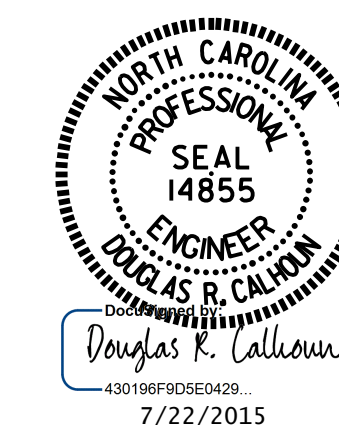
NOTES

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.  
THE PROPOSED END POSTS SHALL BE ATTACHED TO THE EXISTING LEFT SIDE BARRIER RAIL USING ADHESIVELY ANCHORED REINFORCING STEEL AS SHOWN. LEVEL ONE FIELD TESTING IS REQUIRED, AND THE YIELD LOAD OF THE REINFORCING STEEL IS 3 KIPS. FOR ADHESIVELY ANCHORED REINFORCING, SEE THE STANDARD SPECIFICATIONS.  
FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.  
FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.  
FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.  
THE CONTRACTOR SHALL PROVIDE INDEPENDENT ASSURANCE SAMPLES OF REINFORCING STEEL AS FOLLOWS: FOR PROJECTS REQUIRING UP TO 400 TONS OF REINFORCING STEEL, ONE 30 INCH SAMPLE OF EACH SIZE BAR USED, AND FOR PROJECTS REQUIRING OVER 400 TONS OF REINFORCING STEEL, TWO 30 INCH SAMPLES OF EACH SIZE BAR USED. THE BARS FROM WHICH THE SAMPLES ARE TAKEN MUST THEN BE SPLICED WITH REPLACEMENT BARS OF THE SIZE AND LENGTH OF THE SAMPLE, PLUS A MINIMUM LAP SPLICE OF THIRTY BAR DIAMETERS. PAYMENT FOR THE SAMPLES OF REINFORCING STEEL SHALL BE CONSIDERED INCIDENTAL TO THE PRICE BID FOR 2 BAR METAL RAIL RETROFIT.

TOTAL BILL OF MATERIAL

2 BAR METAL RAIL RETROFIT = 140.25 LIN. FT.

DRAWN BY : H. T. BARBOUR DATE : 12-17-14  
CHECKED BY : W. J. HARRIS DATE : 6-15  
DESIGN ENGINEER OF RECORD : S. T. CHAMPION DATE : 6-15



PROJECT NO. R-2603  
WILKES COUNTY  
STATION: 117+35.00 -L-  
SHEET 1 OF 5 BRIDGE No. 83

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
EXISTING BRIDGE  
No. 83 ON NC 268  
OVER MULBERRY CREEK  
BETWEEN  
SR 2334 AND SR 1966

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			47
2			4			