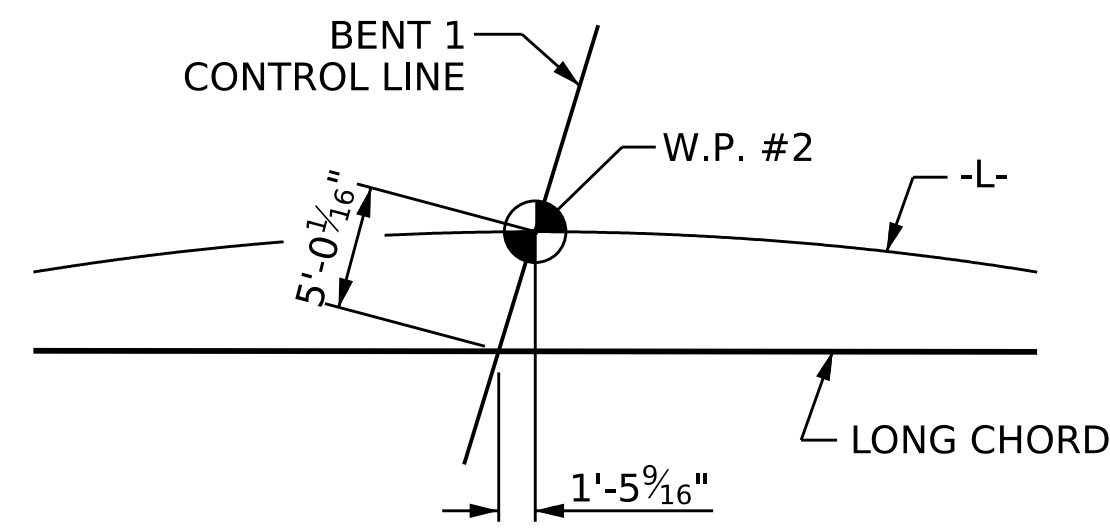


LONG CHORD LAYOUT
(END BENTS AND BENT ARE PARALLEL)

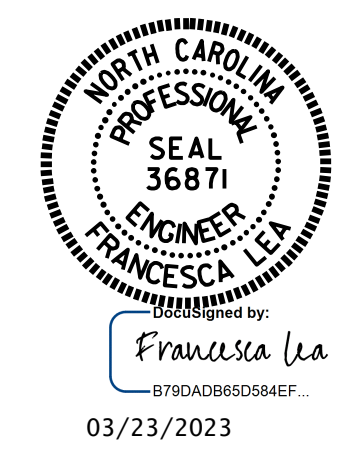


DETAIL A

ANGLES				HORIZONTAL CURVE DATA
LONG CHORD		SHORT CHORD		
L1	107°-00'-00"	S1	109°-07'-34"	PI STA. 20+39.80 -L- $\Delta = 43^\circ-38'-07''$ (RT) $D = 3^\circ-00'-56''$ $L = 1,447.00'$ $T = 760.62'$ $R = 1,900.00'$
L2	107°-00'-00"	S2	105°-03'-18"	
L3	107°-00'-00"	S3	105°-03'-18"	

PROJECT NO. B-5721
ROCKINGHAM COUNTY
 STATION: 21+64.00 -L-

SHEET 4 OF 5



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE OVER MAYO RIVER
 ON SR 2177 (DAN VALLEY RD)
 BETWEEN SR 2174 (LAUTEN LOOP)
 AND US 220 BUS

DRAWN BY : Q. T. NGUYEN DATE : 9/2022
 CHECKED BY : Z. MALIK DATE : 10/2022
 DESIGN ENGINEER OF RECORD: Z. MALIK DATE : 10/2022

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-04
1			3			TOTAL SHEETS
2			4			31