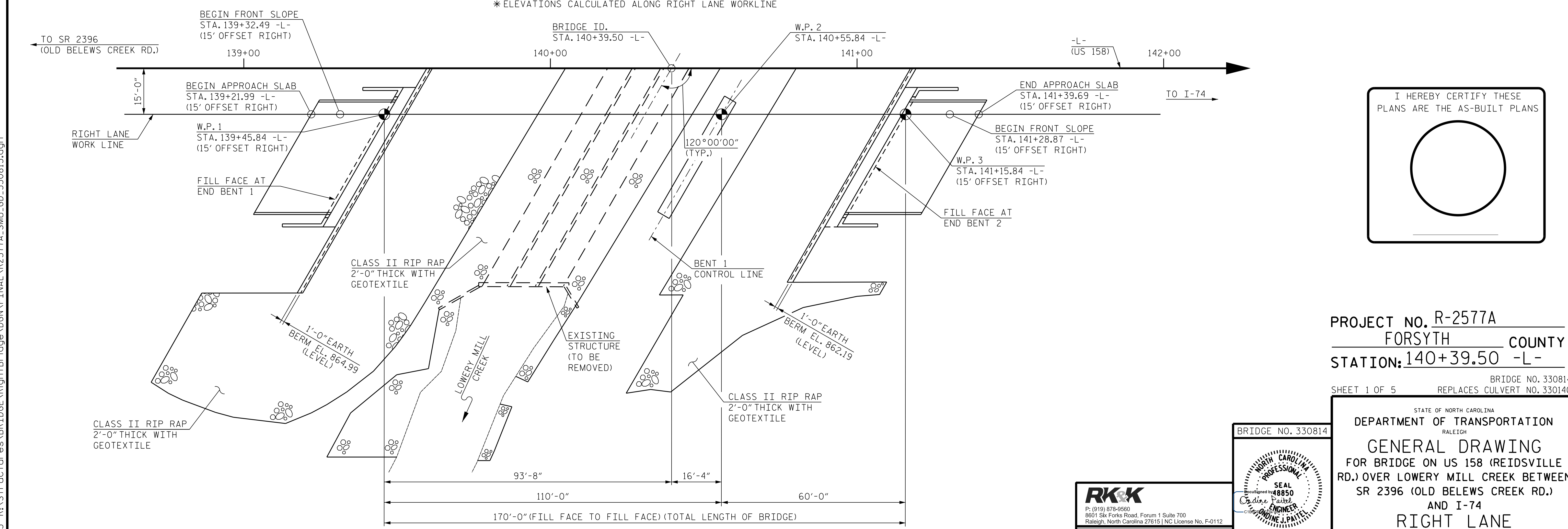


P.V.I. STA. = 142+70.00 -L-  
 EL. = 866.00  
 V.C. = 800 FT.  
 (-)3.1615% (+)5.0000%  
 -L- GRADE DATA

**HYDRAULIC DATA**  
 DESIGN DISCHARGE..... 1,900 C.F.S.  
 FREQUENCY OF DESIGN FLOOD..... 50 YR.  
 DESIGN HIGH WATER ELEVATION..... 848.5  
 DRAINAGE AREA..... 2.8 SQ. MI.  
 BASE DISCHARGE (Q100)..... 2,320 C.F.S.  
 BASE HIGH WATER ELEVATION..... 849.0

**OVERTOPPING FLOOD DATA**  
 OVERTOPPING DISCHARGE..... 32,000 C.F.S.  
 FREQUENCY OF OVERTOPPING FLOOD.... 500+ YR.  
 OVERTOPPING FLOOD ELEVATION..... 873.7  
 OVERTOPPING STATION..... STA. 141+79.90 -L-



I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

PROJECT NO. R-2577A  
 FORSYTH COUNTY  
 STATION: 140+39.50 -L-  
 BRIDGE NO. 330814  
 SHEET 1 OF 5 REPLACES CULVERT NO. 330140

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 GENERAL DRAWING  
 FOR BRIDGE ON US 158 (REIDSVILLE RD.) OVER LOWERY MILL CREEK BETWEEN SR 2396 (OLD BELEWS CREEK RD.) AND I-74  
 RIGHT LANE

**RK&K**  
 P: (919) 878-9560  
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BRIDGE NO. 330814  
 SEAL  
 Andrew J. Patel  
 PROFESSIONAL ENGINEER  
 11/10/2023

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	SR-1	
1			3			TOTAL SHEETS	
2			4			34	

11/10/2023 R:\Structures\RightBridge\RightBridge\FINAL\R2577A\_SMU.GD...330815.dgn  
 DRAWN BY : T. K. BOYD DATE : SEP 2023  
 CHECKED BY : L. K. AUSTIN DATE : SEP 2023  
 DESIGN ENGINEER OF RECORD : O. J. PAITEL DATE : SEP 2023

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**