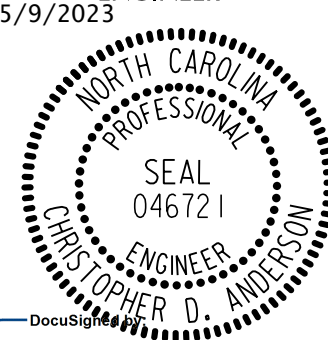
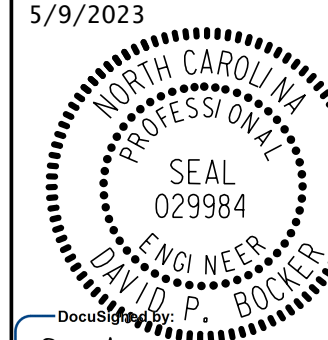
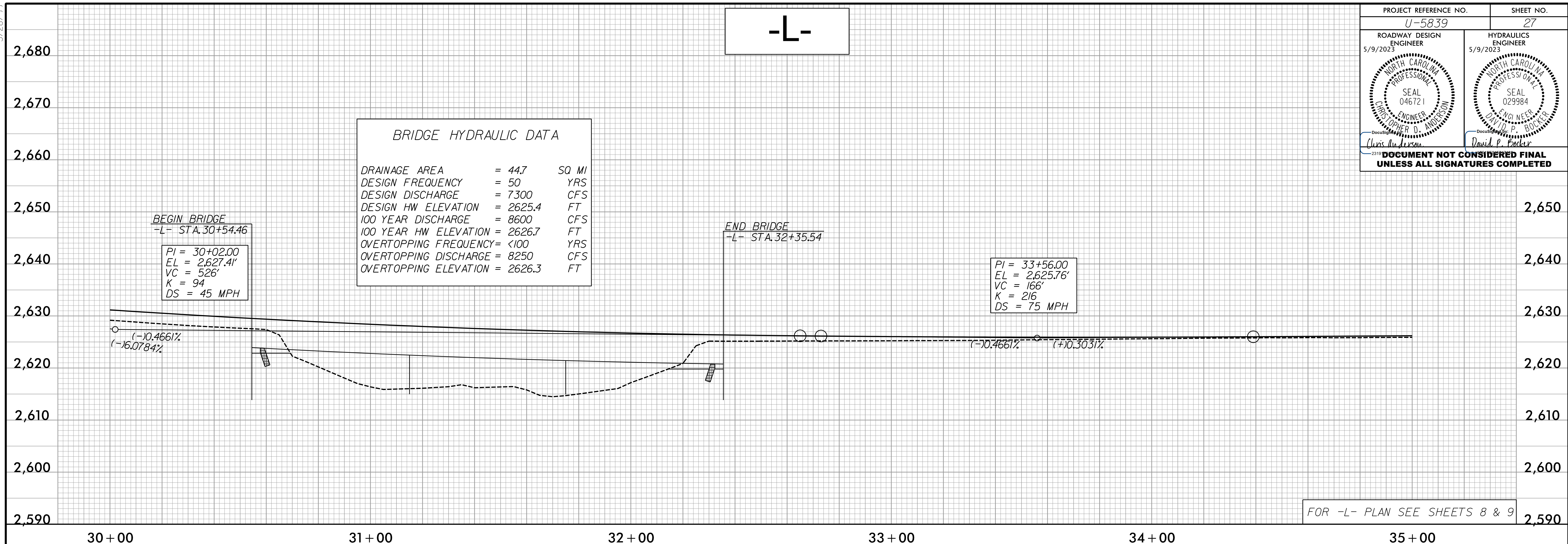


5/28/2023

PROJECT REFERENCE NO. U-5839		SHEET NO. 27	
ROADWAY DESIGN ENGINEER 5/9/2023		HYDRAULICS ENGINEER 5/9/2023	
			
<p>Chris Anderson David P. Becker</p> <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			



BRIDGE HYDRAULIC DATA

DRAINAGE AREA = 44.7 SQ MI
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 7300 CFS
 DESIGN HW ELEVATION = 2625.4 FT
 100 YEAR DISCHARGE = 8600 CFS
 100 YEAR HW ELEVATION = 2626.7 FT
 OVERTOPPING FREQUENCY = <100 YRS
 OVERTOPPING DISCHARGE = 8250 CFS
 OVERTOPPING ELEVATION = 2626.3 FT

BEGIN BRIDGE
 -L- STA. 30+54.46

PI = 30+02.00
 EL = 2,627.41'
 VC = 526'
 K = 94
 DS = 45 MPH

END BRIDGE
 -L- STA. 32+35.54

PI = 33+56.00
 EL = 2,625.76'
 VC = 166'
 K = 216
 DS = 75 MPH

FOR -L- PLAN SEE SHEETS 8 & 9



BM*14 ELEVATION = 2,629.39'
 N 660,722 E 813,553
 -L- STATION 35+81.53' LEFT
 CHISELED-X TOP OF CONC. LP BASE

PI = 39+40.00
 EL = 2,627.53'
 VC = 360'
 K = 74
 DS = 40 MPH

FOR -L- PLAN SEE SHEET 9

NV5

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5/16/2023
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Reagan, C