

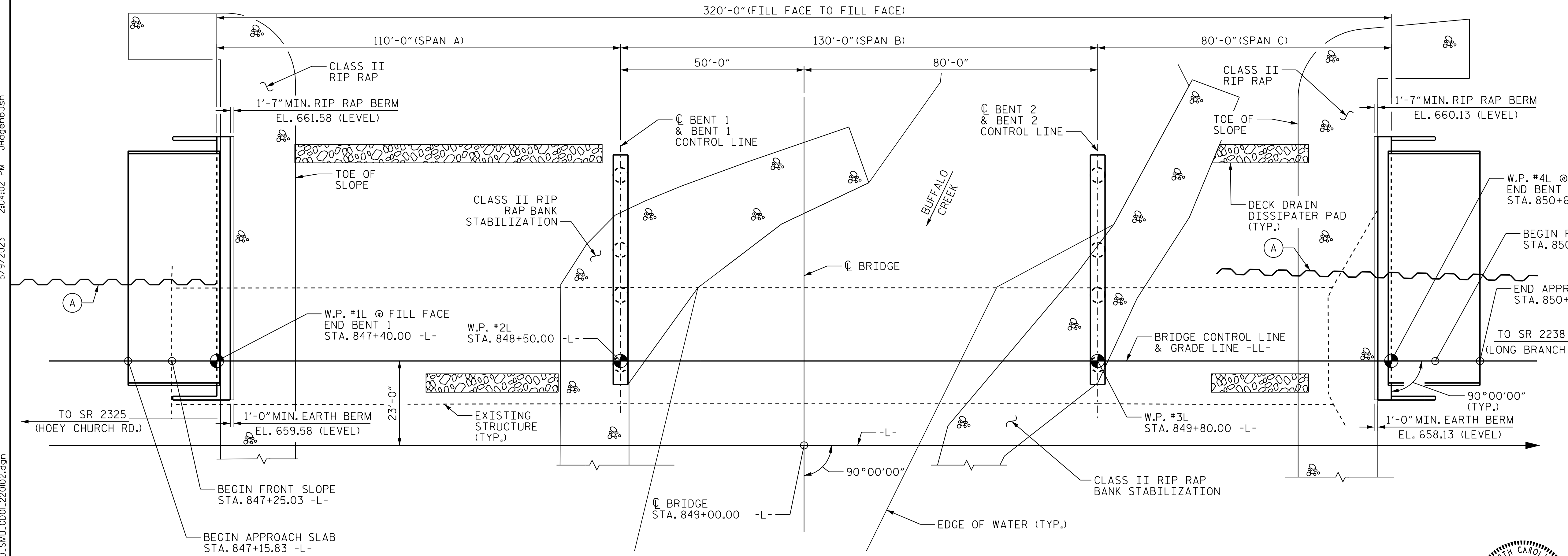
I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

HYDRAULIC DESIGN DATA

DESIGN DISCHARGE	14,290 CFS.
FREQUENCY	50 YR.
DESIGN HIGH WATER EL.	654.4
DRAINAGE AREA	116 SQ. MI
BASE DISCHARGE (Q100)	16,860 CFS.
BASE HIGH WATER EL.	655.8

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	55,000 CFS.
FREQUENCY	>500 YR.
OVERTOPPING EL. STATION	671.2 851+66.00 -L-



PROJECT NO. R-2707D
 CLEVELAND COUNTY
 STATION: 849+00.00 -L-

SHEET 1 OF 3 REPLACES BRIDGE NO. 220102

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

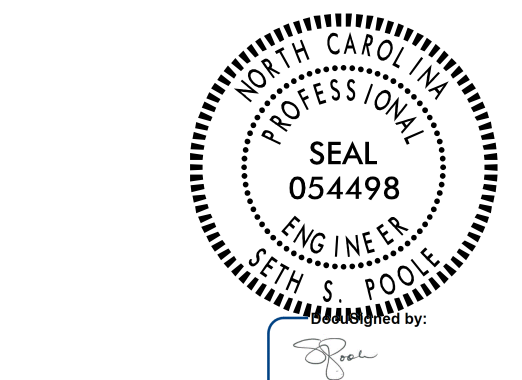
GENERAL DRAWING
 FOR BRIDGE OVER BUFFALO CREEK
 ON US 74 BETWEEN
 SR 2325 (HOEY CHURCH RD.) AND
 SR 2238 (LONG BRANCH RD.)
 (LEFT LANE)

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S5-01
 TOTAL SHEETS 56

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DRAWN BY: J. B. GEILE DATE: 09/20/18
 CHECKED BY: S. S. POOLE DATE: 12/10/22
 DESIGN ENGINEER OF RECORD: S. S. POOLE DATE: 05/09/23



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

(A) - TEMPORARY SHORING APPROX. LOCATION SHOWN. SEE TRANSPORTATION MANAGEMENT PLANS FOR SHORING DETAILS.