

(-0.4585% (+)1.9086%
PI = 73+50.00 -L-
EL = 25.75
VC = 330'
-L- GRADE DATA

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 1710 CFS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 14.0 FT
DRAINAGE AREA	= 17.3 SQ. MI.
BASE DISCHARGE (Q ₁₀₀)	= 2257 CFS
BASE HW ELEVATION	= 15.0 FT

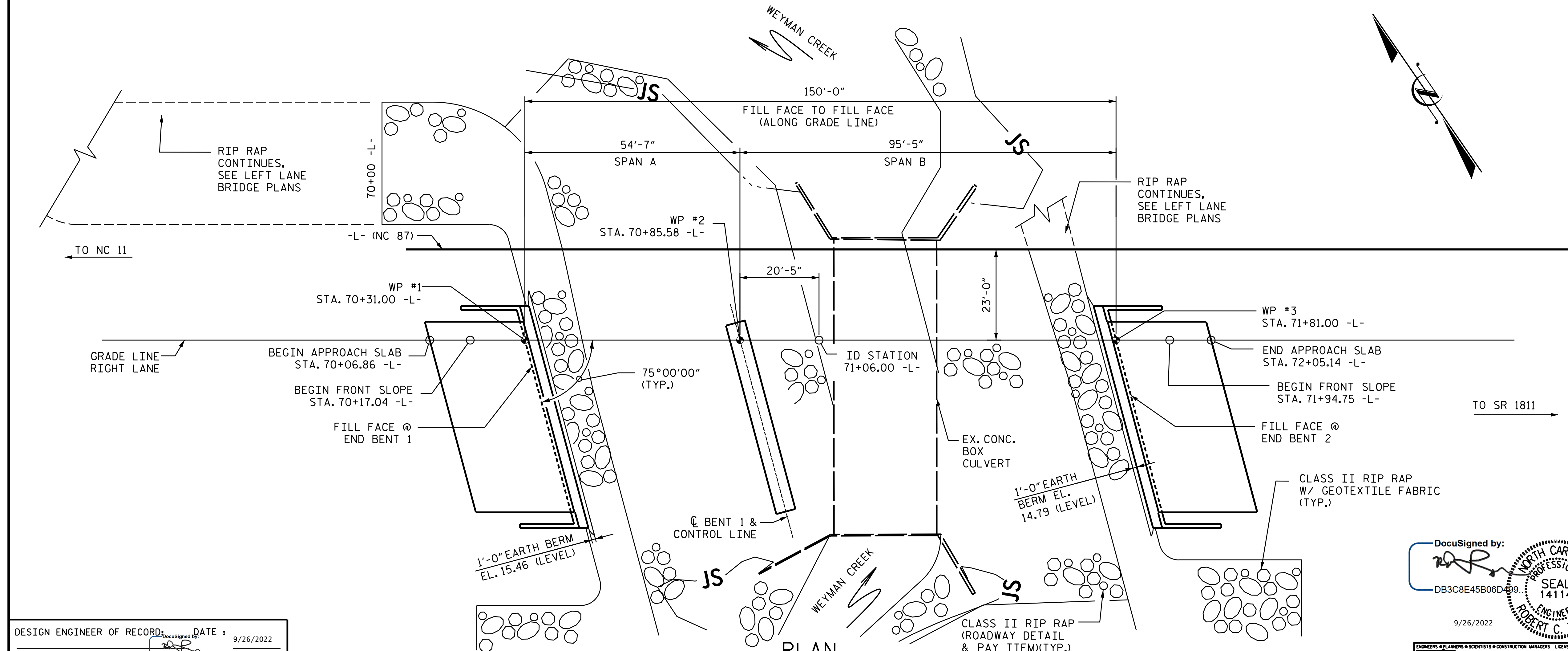
OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	= 13,050 CFS
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING ELEVATION	= 26.6 * FT

* SAG @ STA. 72+48.92 -L- HIGH SHOULDER

UNCLASSIFIED STRUCTURE EXCAVATION (TYP.)

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS



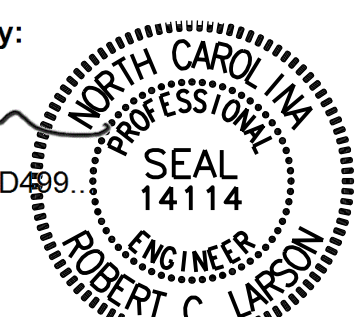
PROJECT NO. R-256ICA
COLUMBUS COUNTY
STATION: 71+06.00 -L-

SHEET 1 OF 3 REPLACES BRIDGE NO. 230372

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
GENERAL DRAWING
FOR BRIDGE ON NC 87
OVER WEYMAN CREEK
BETWEEN NC 11 AND
SR 1811 (NARROW GAP RD.)
RIGHT LANE

DocuSigned by:

DB3C8E45B06D499
9/26/2022



DESIGN ENGINEER OF RECORD: DATE: 9/26/2022
DRAWN BY: A. SAMBOY DATE: 06/12/19
CHECKED BY: R.C. LARSON DATE: 04/21/20

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

KCI Associates
of North Carolina, P.A.
2505 Falls of House Road, Suite 400 Raleigh, NC 27609-6270 Phone 919-785-9241

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

TOTAL SHEETS: 29

\$FILEL\$ \$DATES\$ \$TIME\$ \$USERS\$ \$PENTBL\$ \$PLTDV\$ \$KCI PROJECT NO. 241704391.04