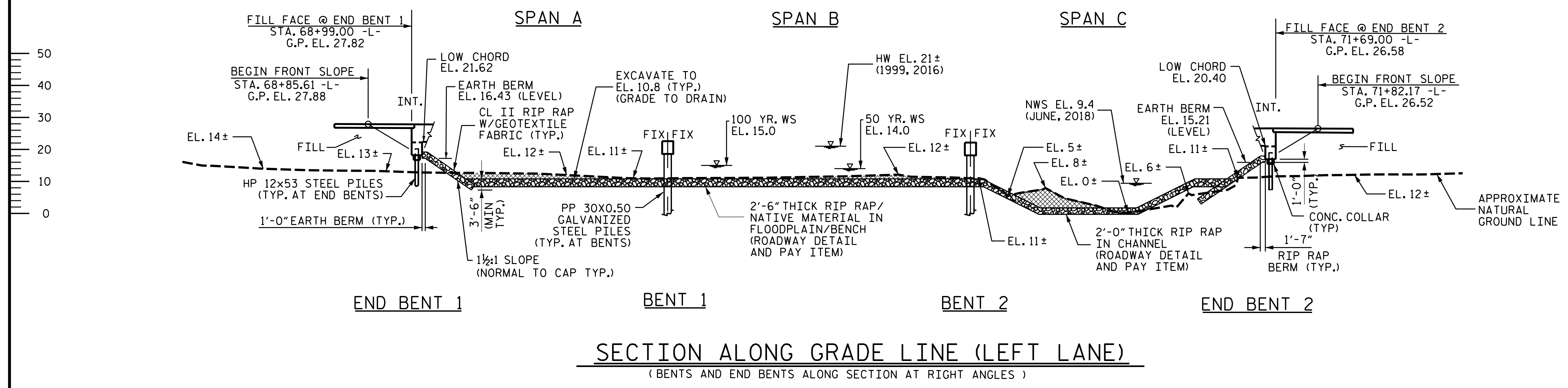


(-10.4585% (+)1.9086%  
 PI = 73+50.00 -L-  
 EL = 25.75  
 VC = 330'  
 -L- GRADE DATA



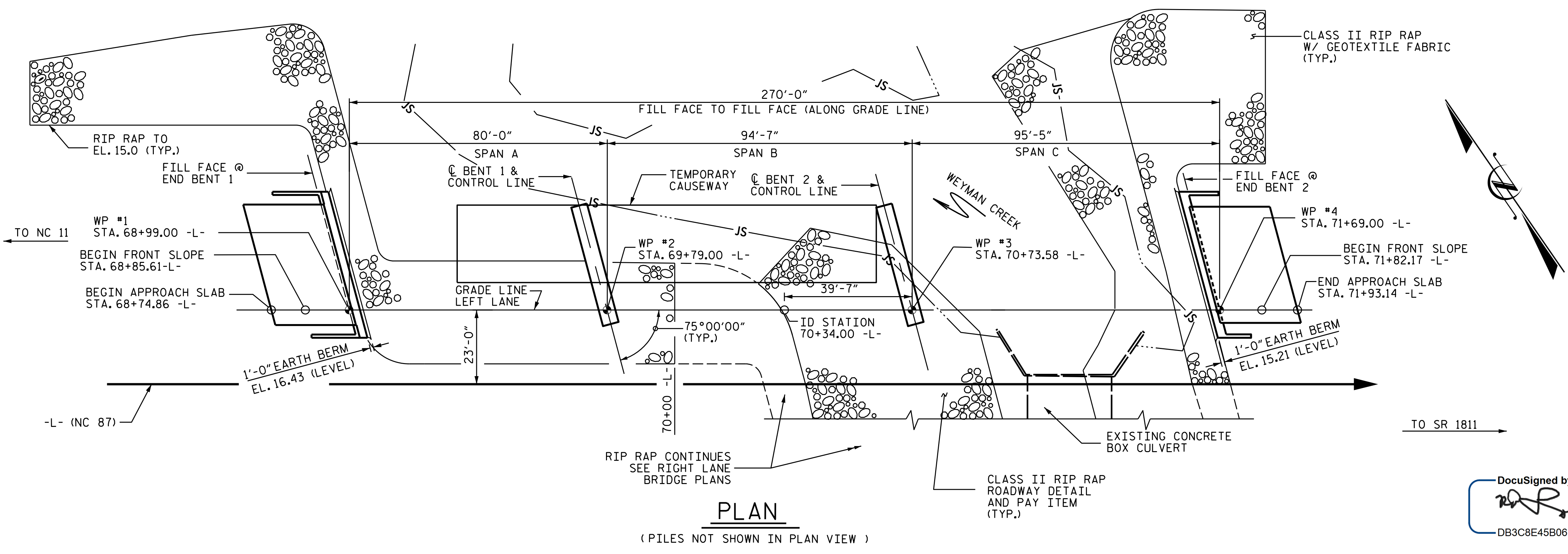
**BRIDGE HYDRAULIC DATA**

DESIGN DISCHARGE	= 1710	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 14.0	FT
DRAINAGE AREA	= 17.3	SO. MI.
BASE DISCHARGE (Q <sub>100</sub> )	= 2257	CFS
BASE HW ELEVATION	= 15.0	FT
<b>OVERTOPPING FLOOD DATA</b>		
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

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS



PROJECT NO. R-2561CA  
 COLUMBUS COUNTY  
 STATION: 70+34.00 -L-

SHEET 1 OF 3 BRIDGE NO. 230418

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.)  
 LEFT LANE

DocuSigned by:  
  
 DB3C8E45B06D499

DESIGN ENGINEER OF RECORD: DATE: 9/26/2022  
 DRAWN BY: R.J. FLORY DATE: 03/26/20  
 CHECKED BY: R.C. LARSON DATE: 03/27/20

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

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

SHEET NO. S3-1  
 TOTAL SHEETS 30

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