

LOW CHORD ELEVATIONS		
	GIRDER	ELEVATION
END BENT 1	1 & 5	243.84
END BENT 2	1 & 5	244.25

GRADE DATA -L-

PI = 21+05.00
 EL = 249.22
 VC = 303'
 (-)0.3025% (+)2.9369%

HYDRAULIC DATA

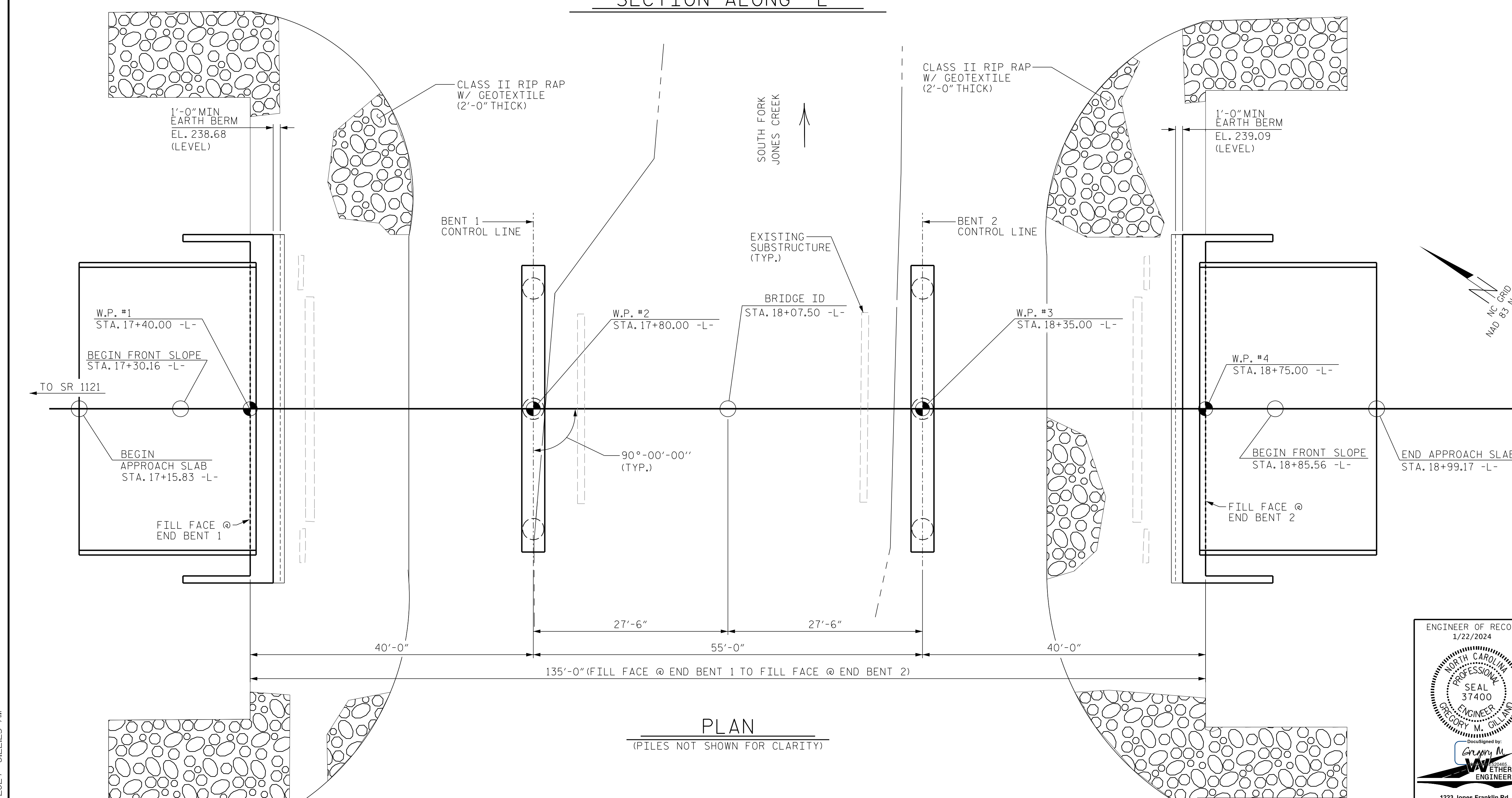
DESIGN DISCHARGE = 4200 C.F.S.
 FREQUENCY OF DESIGN FLOOD = 50 YRS.
 DESIGN HIGH WATER ELEVATION = 235.9
 DRAINAGE AREA = 34.2 SQ. MI.
 BASE DISCHARGE (010Q) = 4800 C.F.S.
 BASE HIGH WATER ELEVATION = 236.6

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE = 20,000 C.F.S.
 FREQUENCY OF OVERTOPPING FLOOD = 500+ YRS.
 OVERTOPPING FLOOD ELEVATION = 247.6 *

WS EL. Taken @ River Station 6791

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS



PROJECT NO. BR-0062
 ANSON COUNTY
 STATION: 18+07.50 -L-
 SHEET 1 OF 4 REPLACES BRIDGE 030014

ENGINEER OF RECORD
 1/22/2024

1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 Bus: 919 851 8077
 Fax: 919 851 8107
 LICENSE NO. F-0377

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 BRIDGE ON US 52
 OVER SOUTH FORK
 JONES CREEK BETWEEN
 SR 1121 AND SR 1127

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

SHEET NO. S-01				
TOTAL SHEETS 35				

DRAWN BY: J. PERDERGRAFT DATE: 10/23
 CHECKED BY: G. GILLAND DATE: 10/23

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

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