

HYDROGRAPHIC DATA

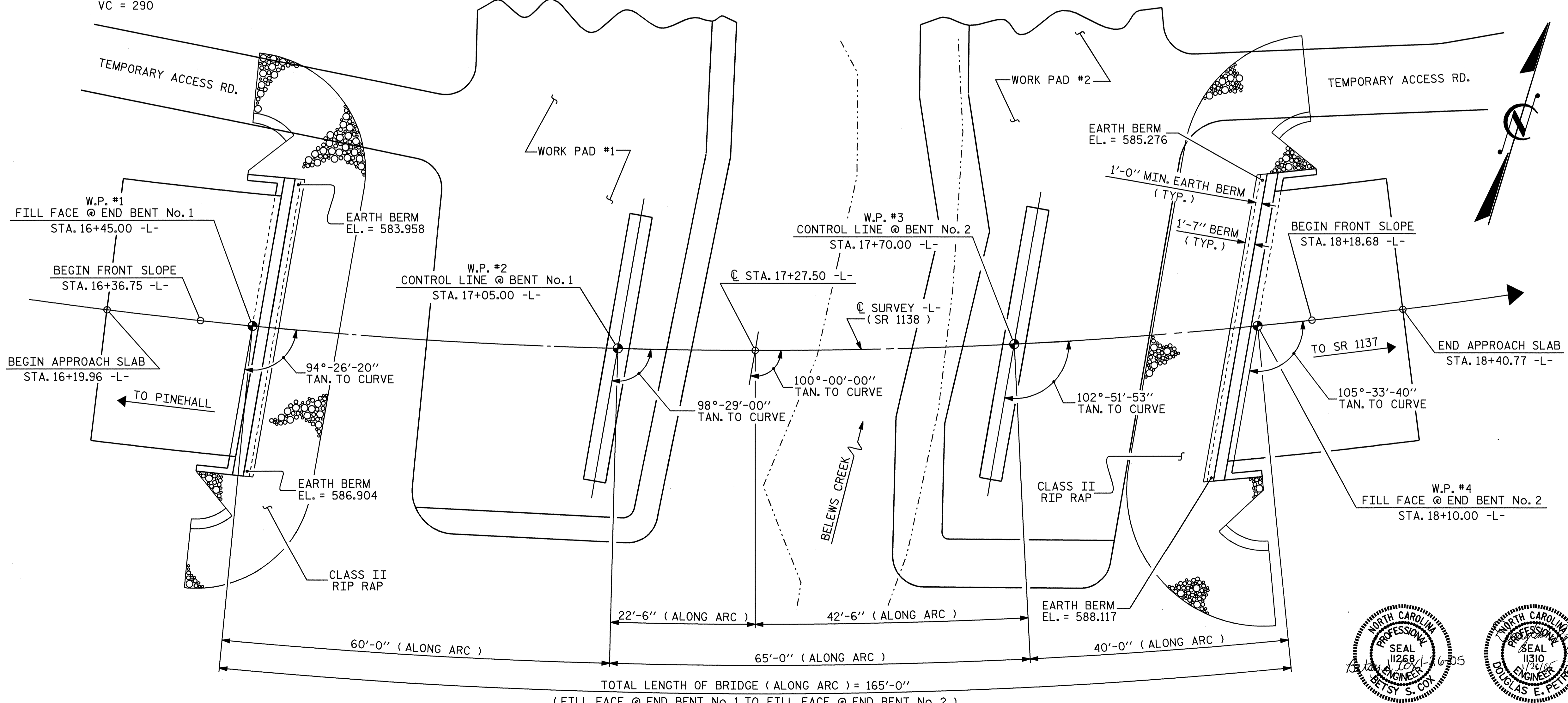
DESIGN DISCHARGE	7500 CFS
FREQUENCY OF DESIGN FLOOD	25 YR.
DESIGN HIGH WATER ELEVATION	582.3
DRAINAGE AREA	72.2 SQ.MI.
BASIC DISCHARGE (Q100)	10800 CFS
BASIC HIGH WATER ELEVATION	584.1
OVERTOPPING FLOOD DATA	
OVERTOPPING DISCHARGE	33000± CFS
FREQUENCY OF OVERTOPPING FLOOD	500+YRS
OVERTOPPING FLOOD ELEVATION	594.3

GRADE DATA -L-

-1.8950% +0.8367%

PI = 15+50.00
 EL. = 592.88
 VC = 290

SECTION ALONG C SURVEY -L-
 (SECTIONS AT BENTS AND END BENTS ARE AT RIGHT ANGLES)



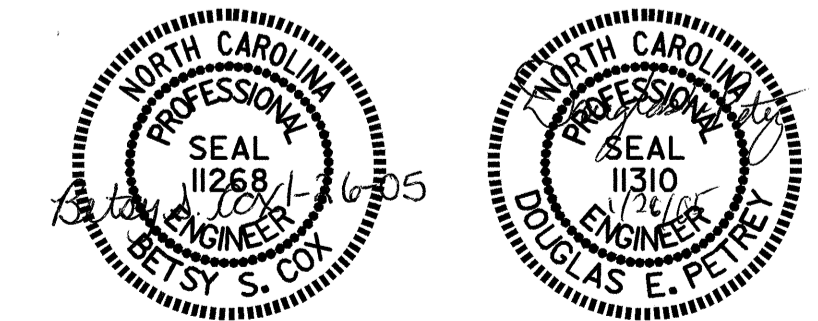
HORIZONTAL CURVE DATA -L-

PI STA. = 21+72.25 -L-
 $\Delta = 68^\circ-51'-04.4''$ (LT.)
 $D = 6^\circ-44'-26.4''$
 $L = 1021.43$
 $T = 582.57$
 $R = 850.00$

PROJECT NO. B-3694
ROCKINGHAM COUNTY
 STATION: 17+27.50 -L-
 SHEET 1 OF 4 REPLACES BRIDGE #55

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 BRIDGE ON
 SR 1138 (LINDSEY BRIDGE RD.)
 OVER BELWE'S CREEK
 BETWEEN PINEHALL AND SR 1137



DRAWN BY: MIKE BRITT DATE: 11-23-04
 CHECKED BY: B.N. GRADY DATE: 1-05

PLAN
 (PILES AND COLUMNS NOT SHOWN IN PLAN VIEW FOR CLARITY)

NOTE: ALL BENTS AND END BENTS ARE PARALLEL.

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			36