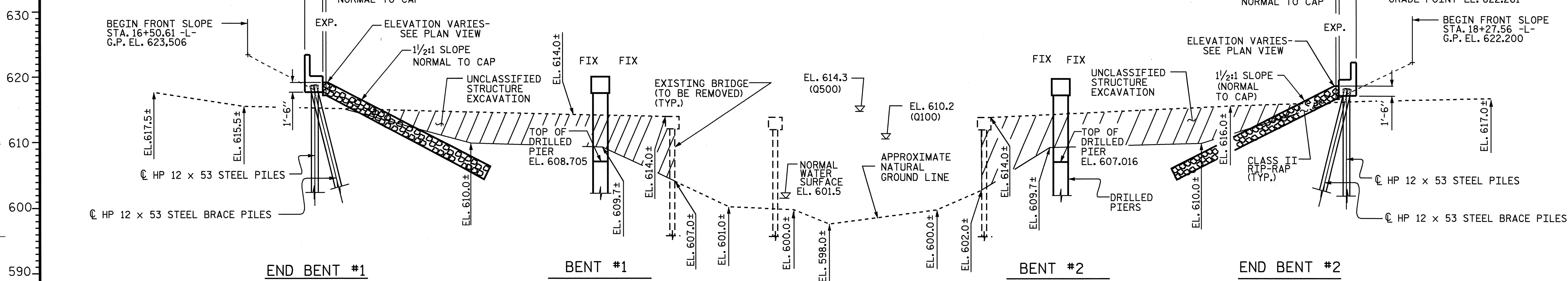


GRADE DATA

-3.8956% -0.7349%  
PI = 15+35.000-L-  
EL = 624.350  
VC = 250.000



SECTION ALONG C-L-

(SECTIONS AT BENTS AND END BENTS ARE SHOWN AT RIGHT ANGLES)

NOTES

SEE SHEET 4 OF 4

HYDRAULIC DATA

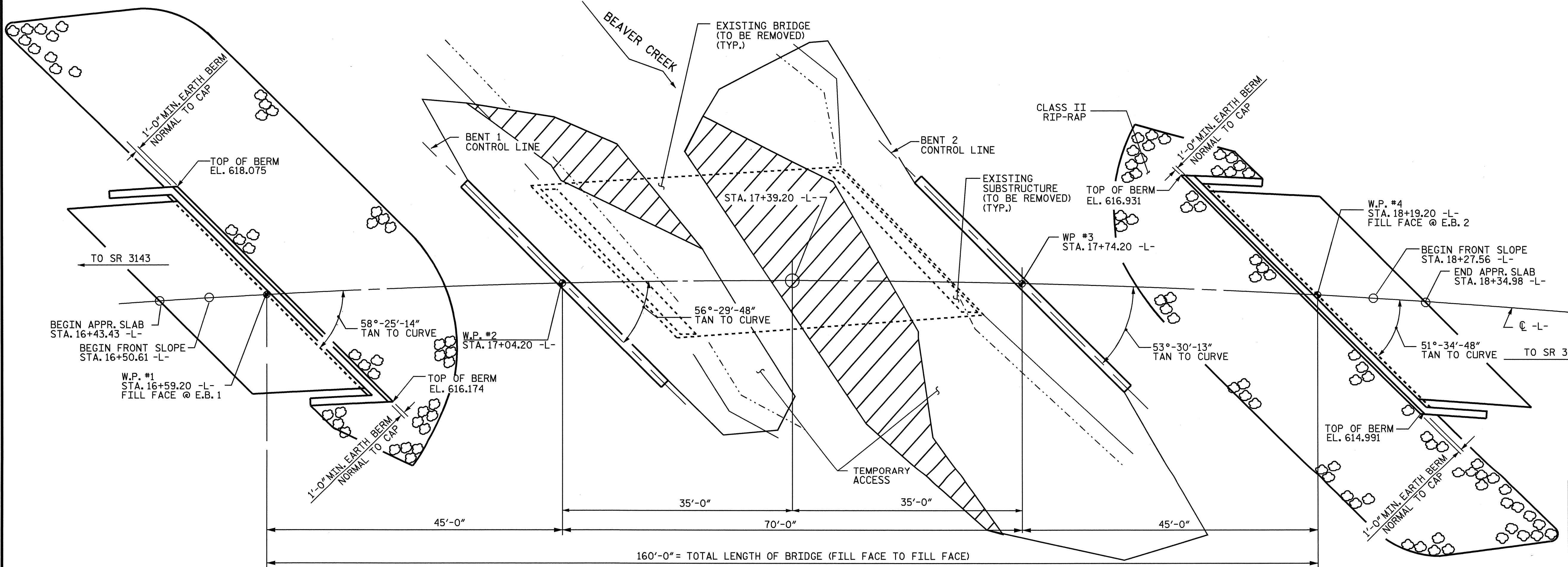
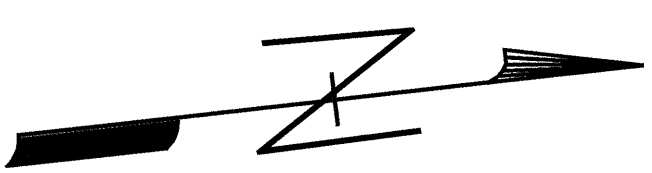
DESIGN DISCHARGE..... 2950 c.f.s.  
FREQUENCY OF DESIGN FLOOD..... 50 yr.  
DESIGN HIGH WATER ELEVATION..... 609.100  
DRAINAGE AREA..... 7.3 sq. MI.  
BASIC DISCHARGE(Q100)..... 3900 c.f.s.  
BASIC HIGH WATER ELEVATION..... 610.2

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE..... 27,500 c.f.s.  
FREQUENCY OF OVERTOPPING FLOOD..... 500 yr.  
OVERTOPPING FLOOD ELEVATION..... 621.8

HORIZONTAL CURVE DATA

PI = 16+15.010 -L-  
Δ = 46°-26'-59"  
D = 4°-16'-33"  
T = 575.00 FT.  
L = 1086.32 FT.  
R = 1340.00 FT.  
SE = 0.04



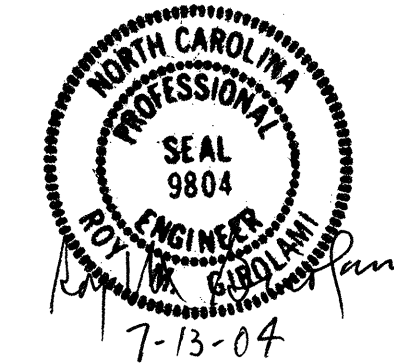
PLAN

(PILES NOT SHOWN FOR CLARITY)

PROJECT NO. B-3649  
GUILFORD COUNTY  
STATION: 17+39.20 -L-

SHEET 1 OF 4 REPLACES BRIDGE #227

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
GENERAL DRAWING  
BRIDGE ON SR 3000 OVER  
BEAVER CREEK BETWEEN  
SR 3143 AND SR 3078



DRAWN BY : N. Q. TRAN DATE : 3-21-03  
CHECKED BY : S. M. RASHIDI DATE : 6-21-03

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	S-1
1			3			TOTAL SHEETS
2			4			32