

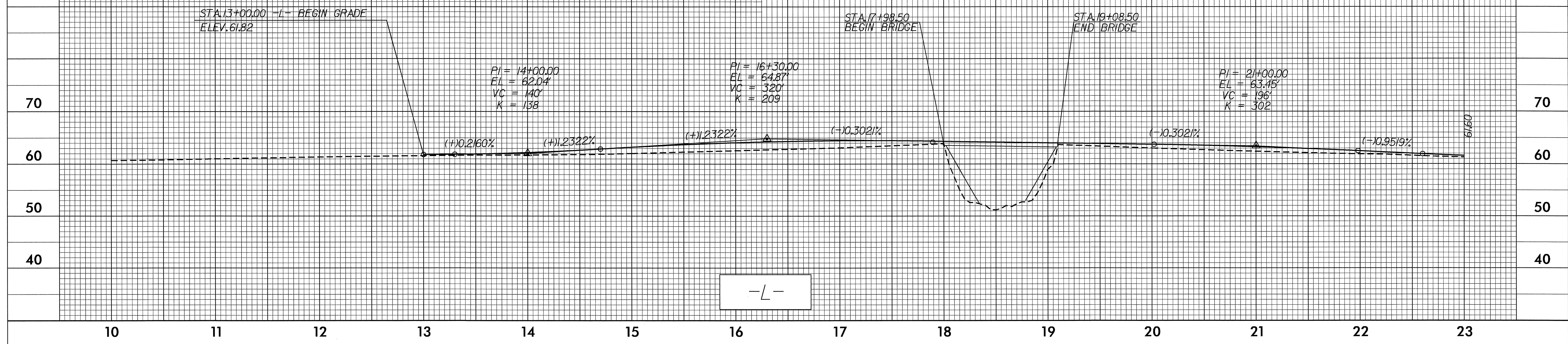
5/28/99

PROJECT REFERENCE NO. B-3711	SHEET NO. 8
ROADWAY DESIGN ENGINEER GREGORY E. BRENN SEAL 19903 NORTH CAROLINA PROFESSIONAL ENGINEER	HYDRAULICS ENGINEER WILLIAM S. ZERMAN SEAL 19865 NORTH CAROLINA PROFESSIONAL ENGINEER
9-21-04	9-22-04

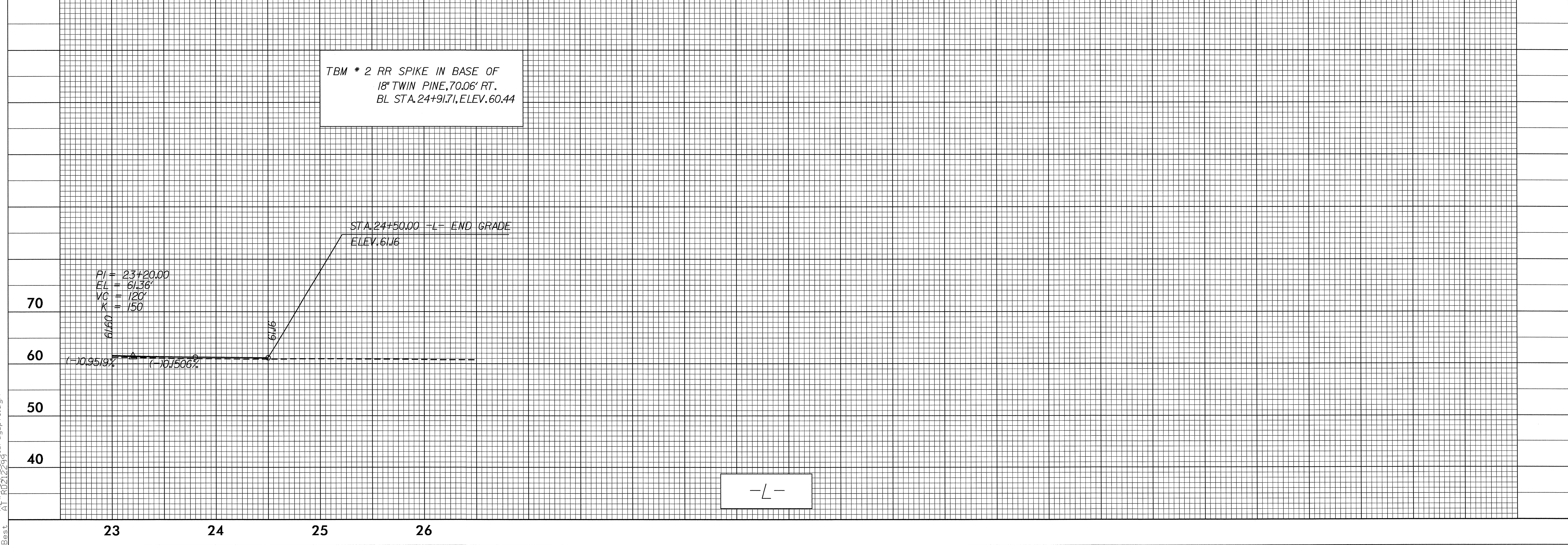
TBM * 1 RR SPIKE IN BASE OF
20' PINE, 32.97' LT.
BL STA. 5+73.58, ELEV. 58.27

STRUCTURE HYDRAULIC DATA
 DESIGN DISCHARGE = 27900 CFS
 DESIGN FREQUENCY = 50 YRS
 DESIGN HW ELEVATION = 60.5 FT
 BASE DISCHARGE = 33000 CFS
 BASE FREQUENCY = 100 YRS
 BASE HW ELEVATION = 61.7 FT
 OVERTOPPING DISCHARGE = 33000 CFS
 OVERTOPPING FREQUENCY = 100 YRS
 OVERTOPPING ELEVATION = 61.6 FT

SEE SHEETS PLAN SHEETS 4 & 5 FOR
-L- ALIGNMENT



TBM * 2 RR SPIKE IN BASE OF
18' TWIN PINE, 70.06' RT.
BL STA. 24+91.71, ELEV. 60.44



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