

5/14/99

PROJECT REFERENCE NO. B-3914	SHEET NO. 5
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 15356 DAVID ALLEN 11-5-04	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 22100 DAVID R. ALLEN 11/1/04

GLADY FORK ROAD (SR 1105)

TBM1 R/R SPIKE IN BASE OF 12" RED OAK
 -L- STA. 10+00.00 S 14° 11.2' E 100.85'
 EL. = 2347.74'

TBM4 R/R SPIKE IN BASE OF 24" RED OAK
 -L- STA. 18+66.11 N 15° 11' 45.1" E 402.74'
 EL. = 2308.99'

TBM2 R/R SPIKE IN BASE OF 15" WHITE PINE
 -L- STA. 13+92 24' RT
 EL. = 2310.66'

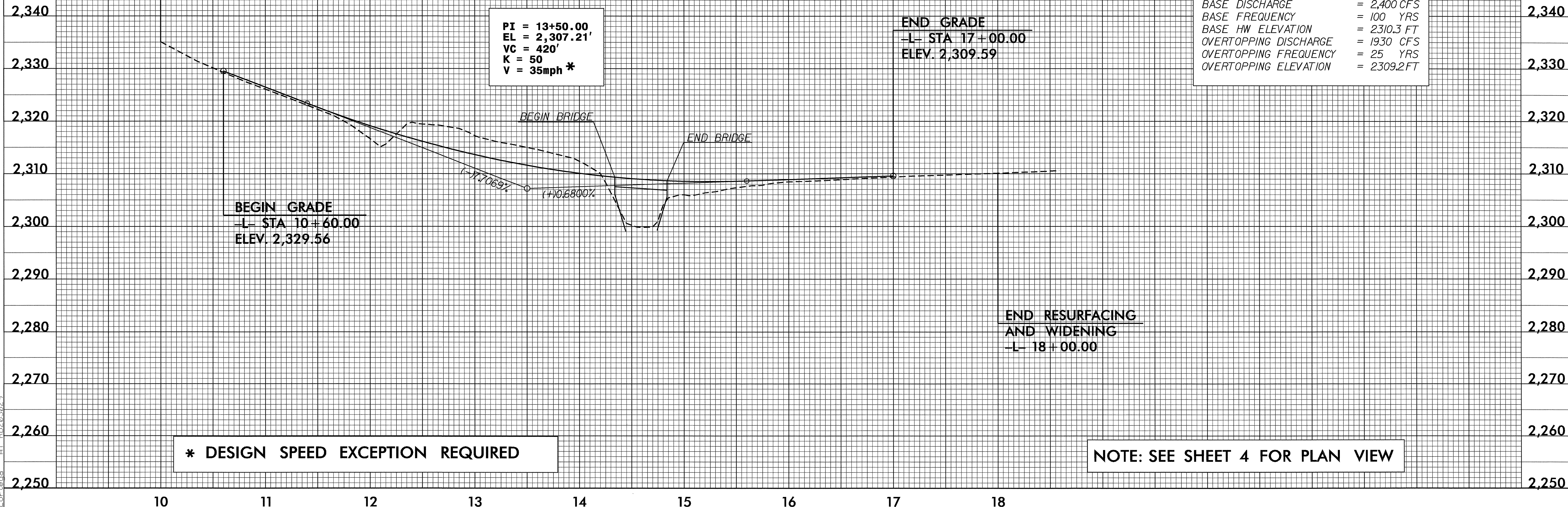
TBM3 R/R SPIKE IN BASE OF 20" WHITE PINE
 -L- STA. 14+61 81' RT
 EL. = 2308.18'

-L-

BEGIN RESURFACING
 AND WIDENING
 -L- 10+00.00

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= 1700 CFS
DESIGN FREQUENCY	= 25 YRS
DESIGN HW ELEVATION	= 2308.5 FT
BASE DISCHARGE	= 2400 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 2310.3 FT
OVERTOPPING DISCHARGE	= 1930 CFS
OVERTOPPING FREQUENCY	= 25 YRS
OVERTOPPING ELEVATION	= 2309.2 FT



* DESIGN SPEED EXCEPTION REQUIRED

NOTE: SEE SHEET 4 FOR PLAN VIEW

20-OCT-2004 13:07
 EL Ortega rd-09oce34
 2004/10/20 13:07