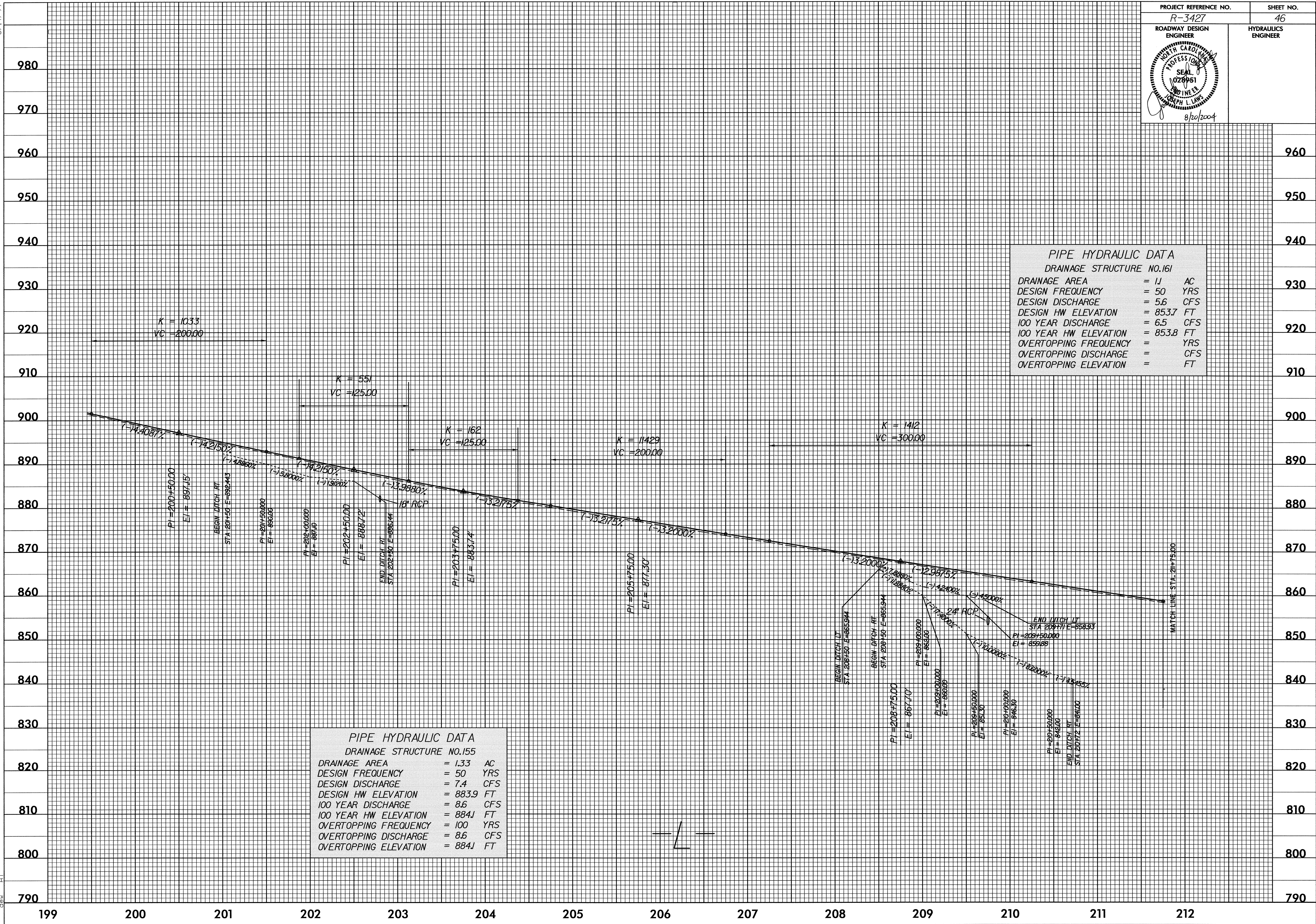


5/14/99

PROJECT REFERENCE NO. R-3427	SHEET NO. 46
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.161	
DRAINAGE AREA	= 11 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 5.6 CFS
DESIGN HW ELEVATION	= 853.7 FT
100 YEAR DISCHARGE	= 6.5 CFS
100 YEAR HW ELEVATION	= 853.8 FT
OVERTOPPING FREQUENCY	= YRS
OVERTOPPING DISCHARGE	= CFS
OVERTOPPING ELEVATION	= FT

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.155	
DRAINAGE AREA	= 1.33 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 7.4 CFS
DESIGN HW ELEVATION	= 883.9 FT
100 YEAR DISCHARGE	= 8.6 CFS
100 YEAR HW ELEVATION	= 884.1 FT
OVERTOPPING FREQUENCY	= 100 YRS
OVERTOPPING DISCHARGE	= 8.6 CFS
OVERTOPPING ELEVATION	= 884.1 FT

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