

6/09/05

DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----

-L-

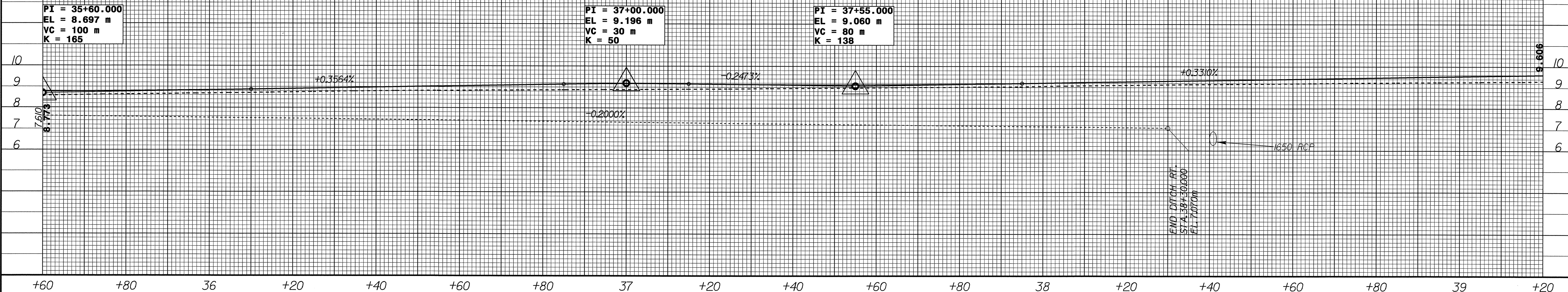
PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.93	
DRAINAGE AREA	= 56.3 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 5.92 CMS
DESIGN HW ELEVATION	= 8.32 M
100 YEAR DISCHARGE	= 6.88 CMS
100 YEAR HW ELEVATION	= 8.61 M
OVERTOPPING FREQUENCY	= 10+ YRS
OVERTOPPING DISCHARGE	= 7.00 CMS
OVERTOPPING ELEVATION	= 9.12 M

METRIC

CONST. REV. _____
R/W REV. _____

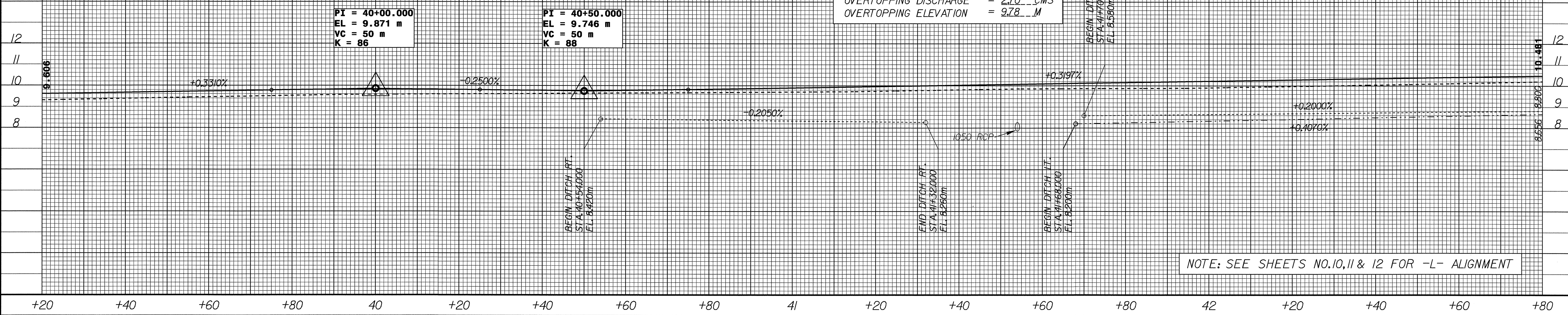
PROJECT REFERENCE NO. U-2734	SHEET NO. 20
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
TGS Engineering 975 Walnut Street, Suite 141 Cary, NC 27511	

BM #94 -BL- 31+87.800 26.4m RIGHT EL = 8.565m
RR SPIKE SET IN A 18" PINE
N = 56,597 E = 717,723



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PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.115	
DRAINAGE AREA	= 13.3 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 1.67 CMS
DESIGN HW ELEVATION	= 9.11 M
100 YEAR DISCHARGE	= 1.94 CMS
100 YEAR HW ELEVATION	= 9.23 M
OVERTOPPING FREQUENCY	= 200+ YRS
OVERTOPPING DISCHARGE	= 2.70 CMS
OVERTOPPING ELEVATION	= 9.78 M



NOTE: SEE SHEETS NO.10,11 & 12 FOR -L- ALIGNMENT

03-DEC-2003 14:14
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Brandon Johnson AT R0187165