

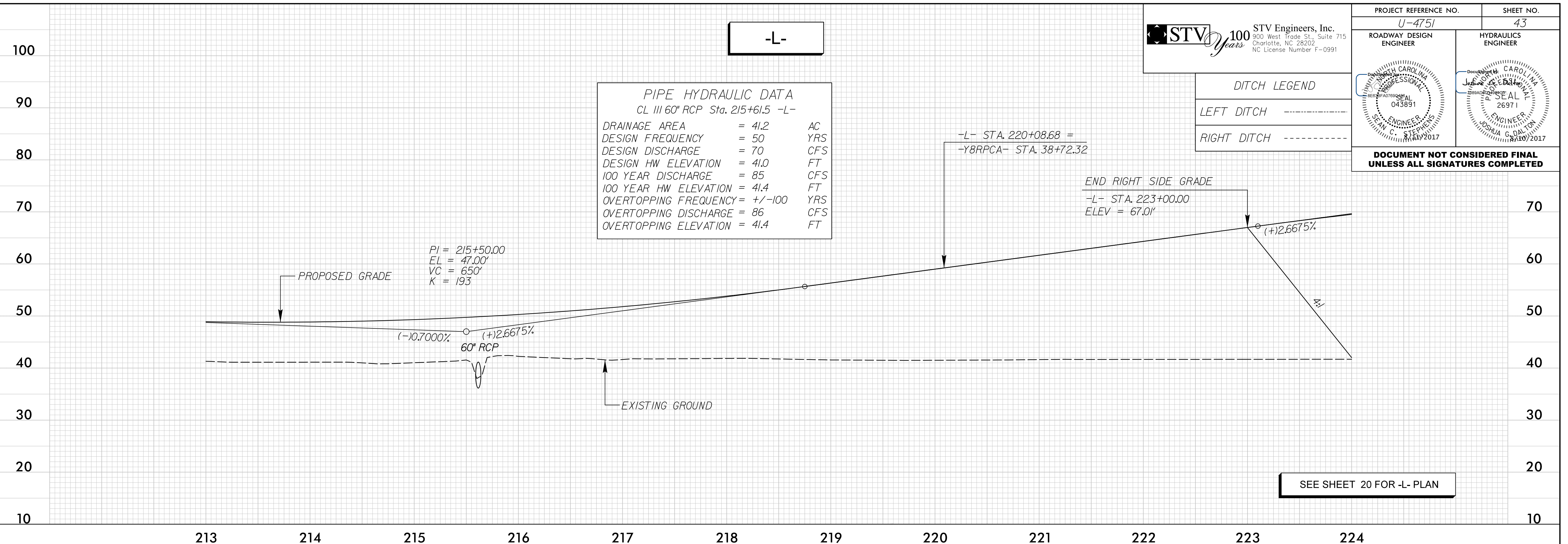
5/28/99



PROJECT REFERENCE NO. U-4751	SHEET NO. 43
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>Professional Seal</i>	<i>Professional Seal</i>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PIPE HYDRAULIC DATA	
CL III 60" RCP Sta. 215+61.5 -L-	
DRAINAGE AREA	= 41.2 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 70 CFS
DESIGN HW ELEVATION	= 41.0 FT
100 YEAR DISCHARGE	= 85 CFS
100 YEAR HW ELEVATION	= 41.4 FT
OVERTOPPING FREQUENCY	= +/-100 YRS
OVERTOPPING DISCHARGE	= 86 CFS
OVERTOPPING ELEVATION	= 41.4 FT

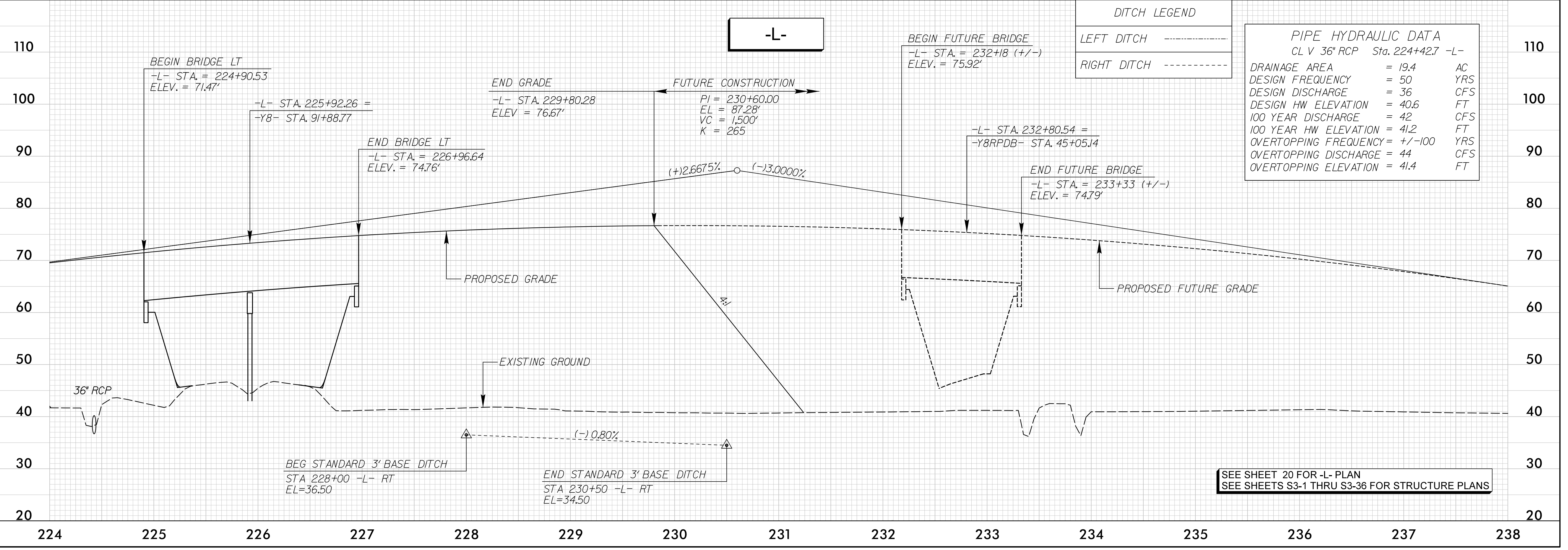
DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----



SEE SHEET 20 FOR -L- PLAN

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

PIPE HYDRAULIC DATA	
CL V 36" RCP Sta. 224+42.7 -L-	
DRAINAGE AREA	= 19.4 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 36 CFS
DESIGN HW ELEVATION	= 40.6 FT
100 YEAR DISCHARGE	= 42 CFS
100 YEAR HW ELEVATION	= 41.2 FT
OVERTOPPING FREQUENCY	= +/-100 YRS
OVERTOPPING DISCHARGE	= 44 CFS
OVERTOPPING ELEVATION	= 41.4 FT



SEE SHEET 20 FOR -L- PLAN
SEE SHEETS S3-1 THRU S3-36 FOR STRUCTURE PLANS

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