

5/28/99

PROJECT REFERENCE NO. R-3826	SHEET NO. 18
ROADWAY DESIGN ENGINEER GARY R. LOVERING 025873	HYDRAULICS ENGINEER JAMES R. RICE 031986
<p>DocuSigned by <i>Gary Lovering</i></p> <p>DocuSigned by <i>James R. Rice</i></p>	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 0801

DRAINAGE AREA	= 19.39	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 4.1	CFS
DESIGN HW ELEVATION	= 72.35	FT
100 YEAR DISCHARGE	= 14.1	CFS
100 YEAR HW ELEVATION	= 72.54	FT
OVERTOPPING FREQUENCY	= 500±	YRS
OVERTOPPING DISCHARGE	= 39.1	CFS
OVERTOPPING ELEVATION	= 78.13	FT

PI = 76+00.00
EL = 77.50'
VC = 600'
K = 719

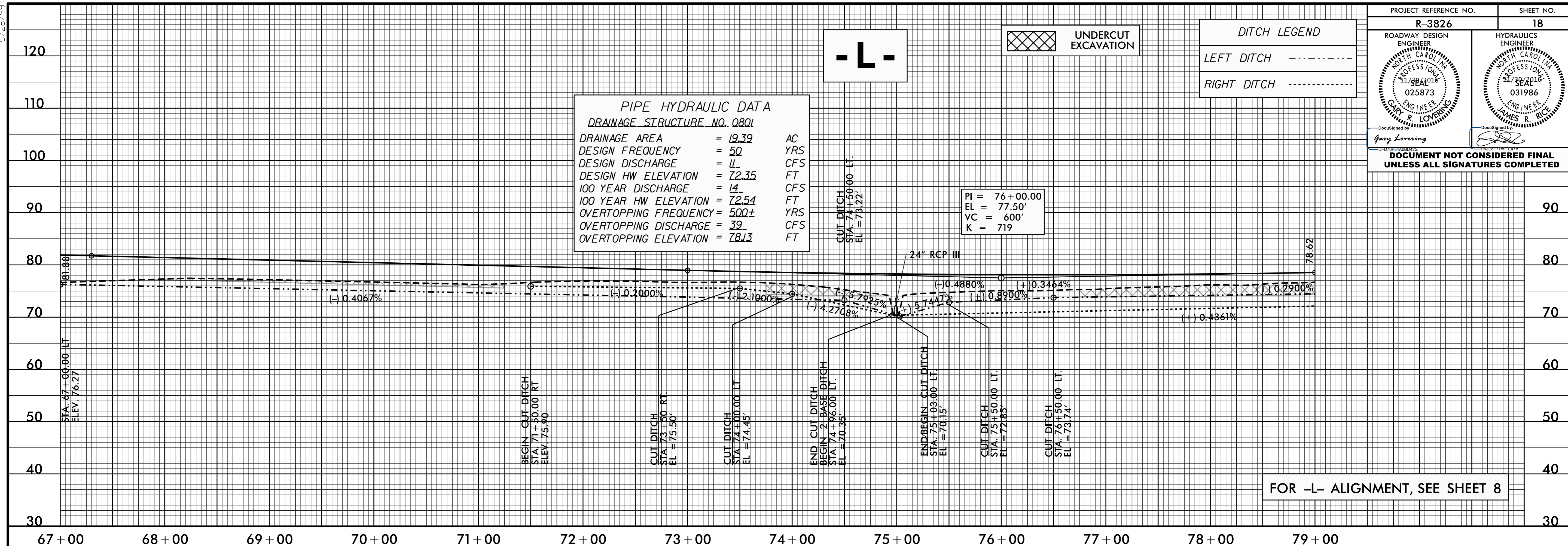
DITCH LEGEND

LEFT DITCH - - - - -

RIGHT DITCH - - - - -

UNDERCUT EXCAVATION

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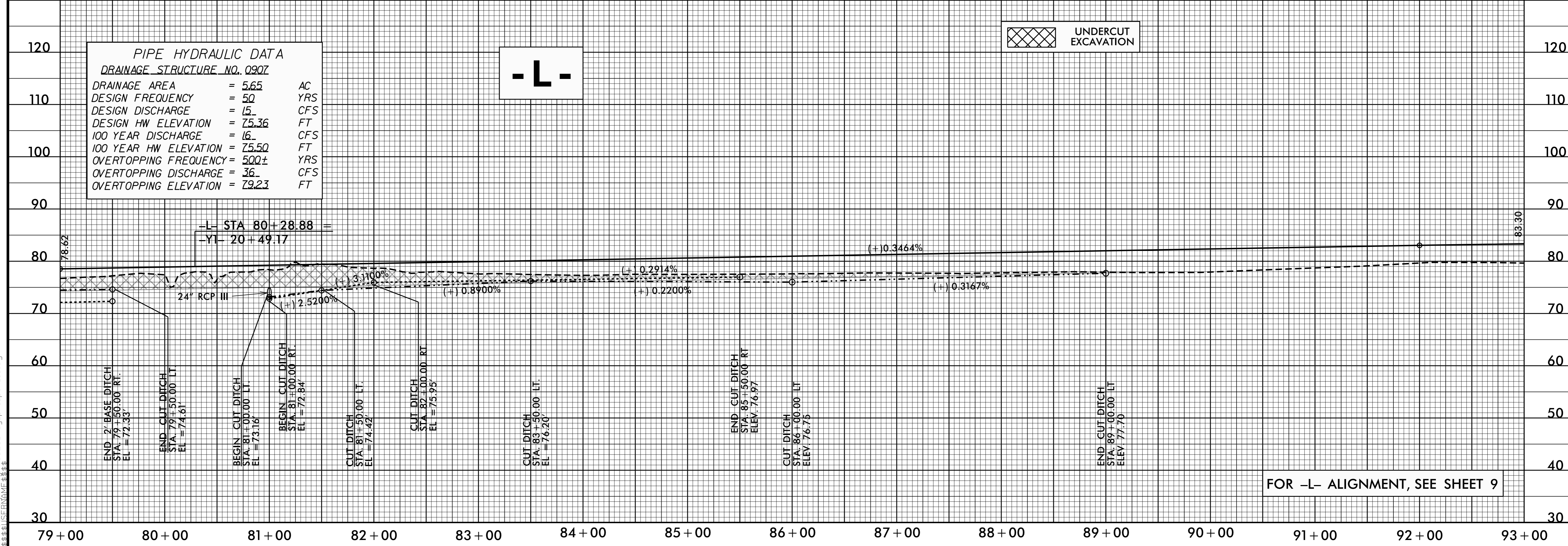


PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 0902

DRAINAGE AREA	= 5.65	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 15.1	CFS
DESIGN HW ELEVATION	= 75.36	FT
100 YEAR DISCHARGE	= 16.1	CFS
100 YEAR HW ELEVATION	= 75.50	FT
OVERTOPPING FREQUENCY	= 500±	YRS
OVERTOPPING DISCHARGE	= 36.1	CFS
OVERTOPPING ELEVATION	= 79.23	FT

UNDERCUT EXCAVATION

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