



5/14/99

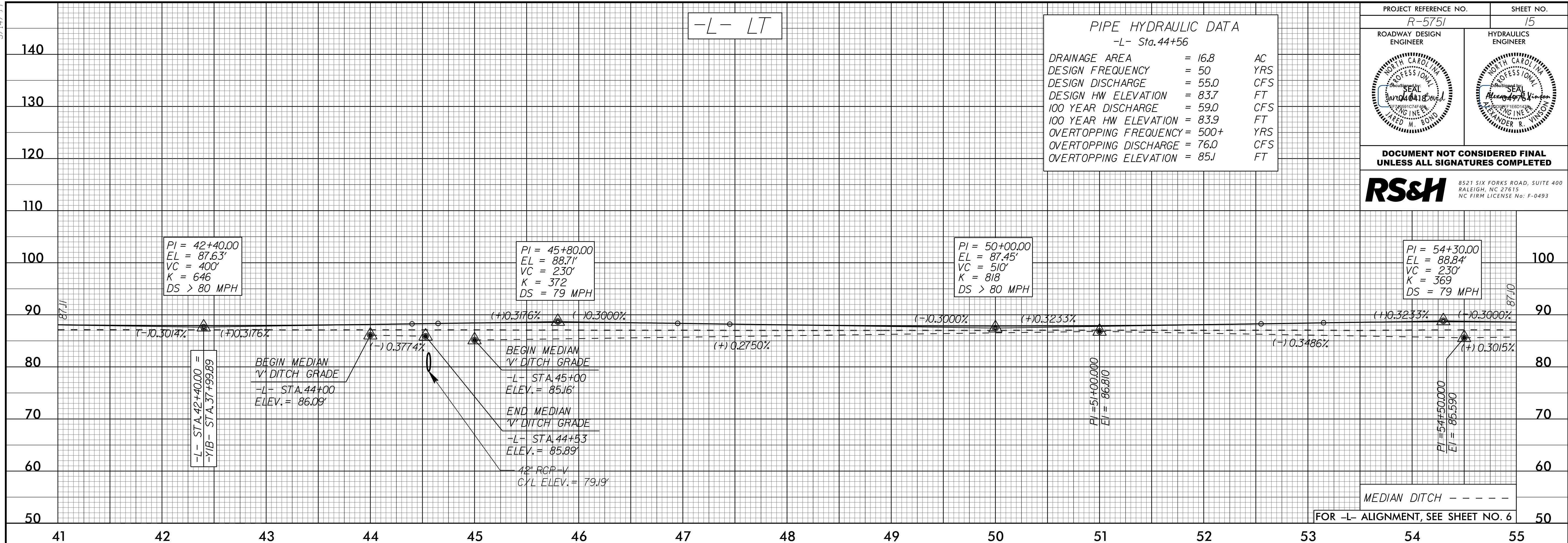
PROJECT REFERENCE NO. R-5751	SHEET NO. 15
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

RS&H 8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE No: F-0493

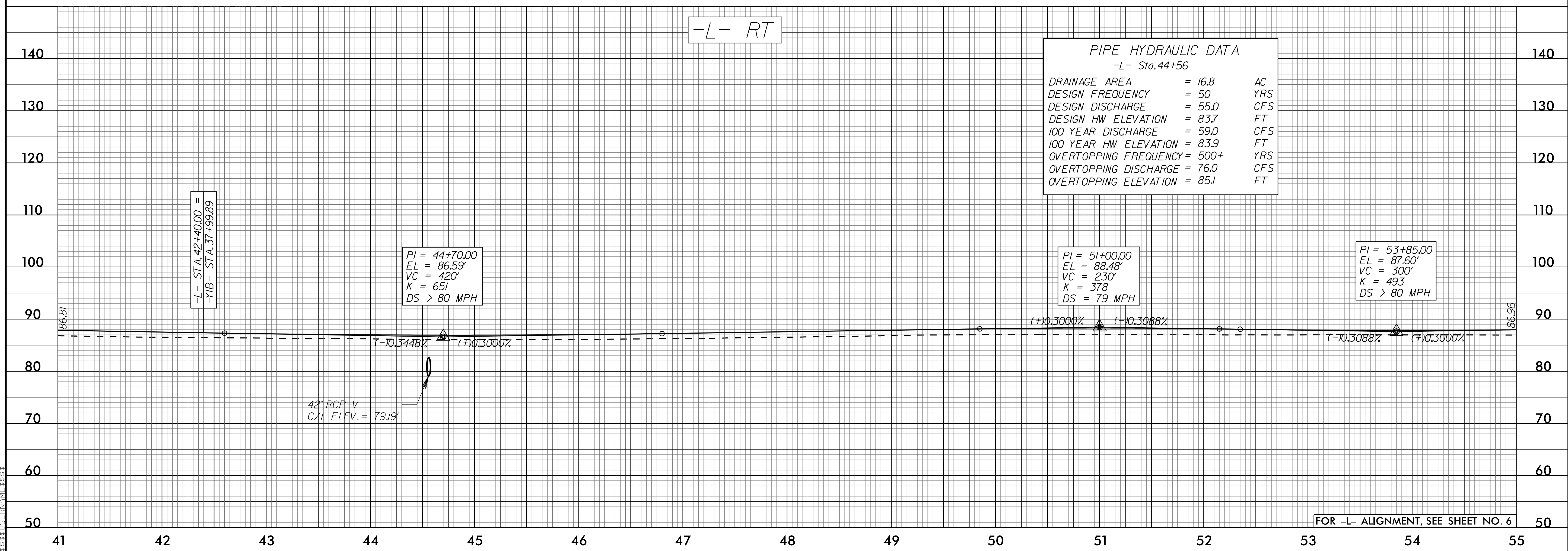
PIPE HYDRAULIC DATA
-L- Sta. 44+56

DRAINAGE AREA	= 16.8	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 55.0	CFS
DESIGN HW ELEVATION	= 83.7	FT
100 YEAR DISCHARGE	= 59.0	CFS
100 YEAR HW ELEVATION	= 83.9	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 76.0	CFS
OVERTOPPING ELEVATION	= 85J	FT



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