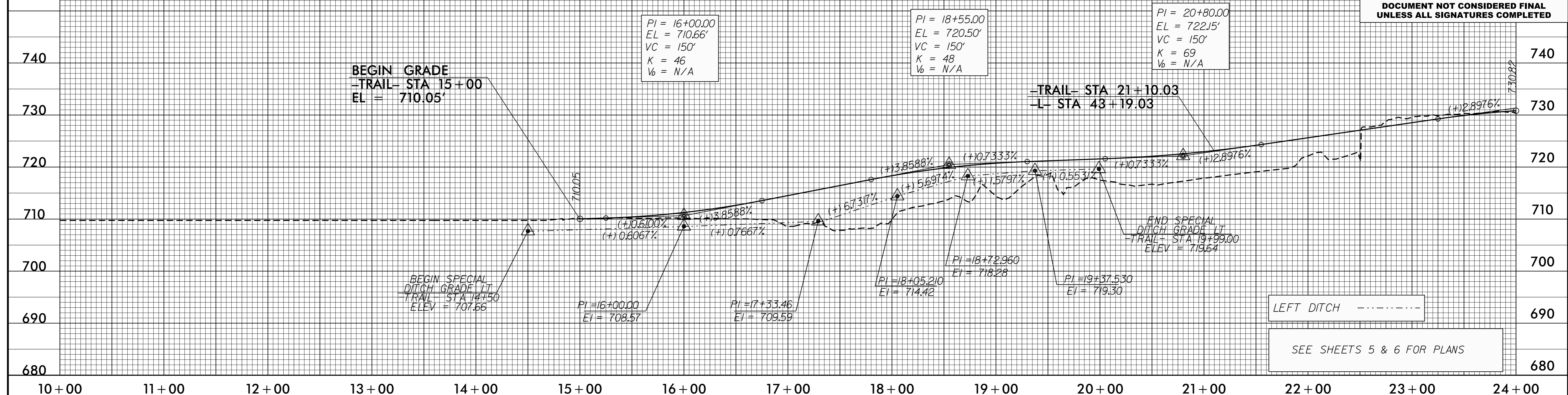


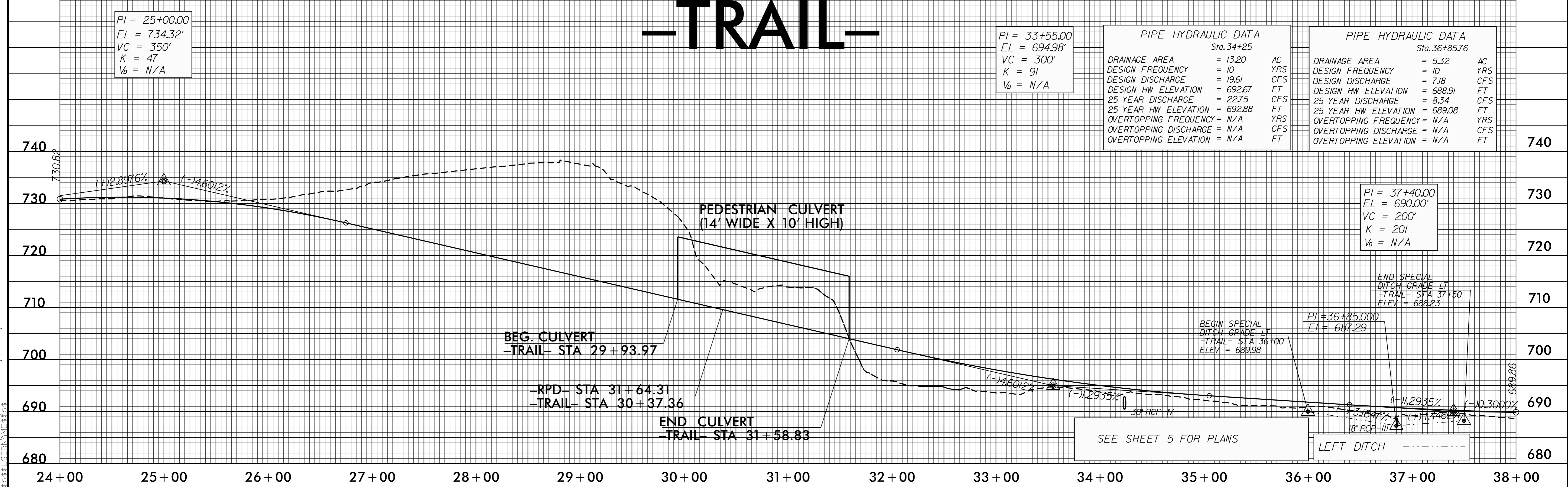
5/28/99

PROJECT REFERENCE NO. 1-5000	SHEET NO. 15
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-TRAIL-



-TRAIL-



PIPE HYDRAULIC DATA		
Sta. 34+25		
DRAINAGE AREA	= 13.20	AC
DESIGN FREQUENCY	= 10	YRS
DESIGN DISCHARGE	= 19.61	CFS
DESIGN HW ELEVATION	= 692.67	FT
25 YEAR DISCHARGE	= 22.75	CFS
25 YEAR HW ELEVATION	= 692.88	FT
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= N/A	FT

PIPE HYDRAULIC DATA		
Sta. 36+85.76		
DRAINAGE AREA	= 5.32	AC
DESIGN FREQUENCY	= 10	YRS
DESIGN DISCHARGE	= 7.8	CFS
DESIGN HW ELEVATION	= 688.91	FT
25 YEAR DISCHARGE	= 8.34	CFS
25 YEAR HW ELEVATION	= 689.08	FT
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= N/A	FT

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