

5/28/99

PROJECT REFERENCE NO. R-5021	SHEET NO. 70
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

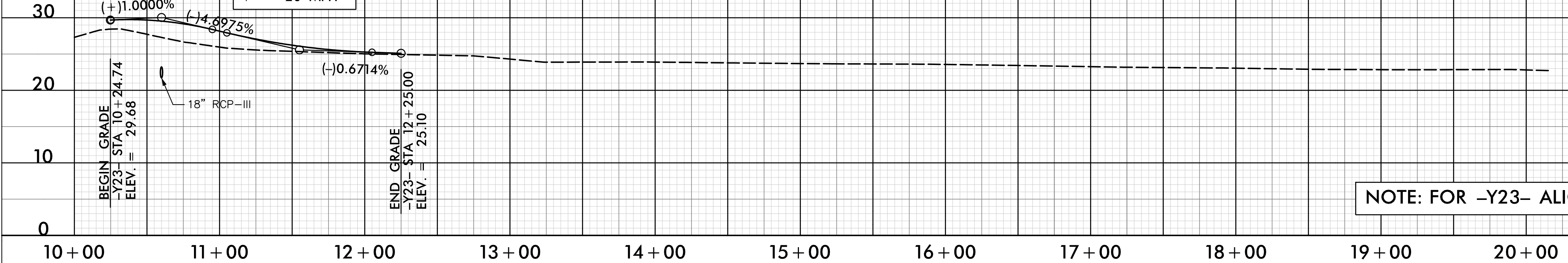
- Y23 -

PIPE HYDRAULIC DATA
 -Y23- Sta. 10+60 (STR *3603)

DRAINAGE AREA	1.4	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 7.4	CFS
DESIGN HW ELEVATION	= 23.5	FT
100 YEAR DISCHARGE	= 9	CFS
100 YEAR HW ELEVATION	= 23.9	FT
OVERTOPPING FREQUENCY	= 25	YRS
OVERTOPPING DISCHARGE	= 7.4	CFS
OVERTOPPING ELEVATION	= 23.5	FT

PI = 10+60.00	EL = 30.03'
VC = 70'	K = 12
V = 70 MPH	

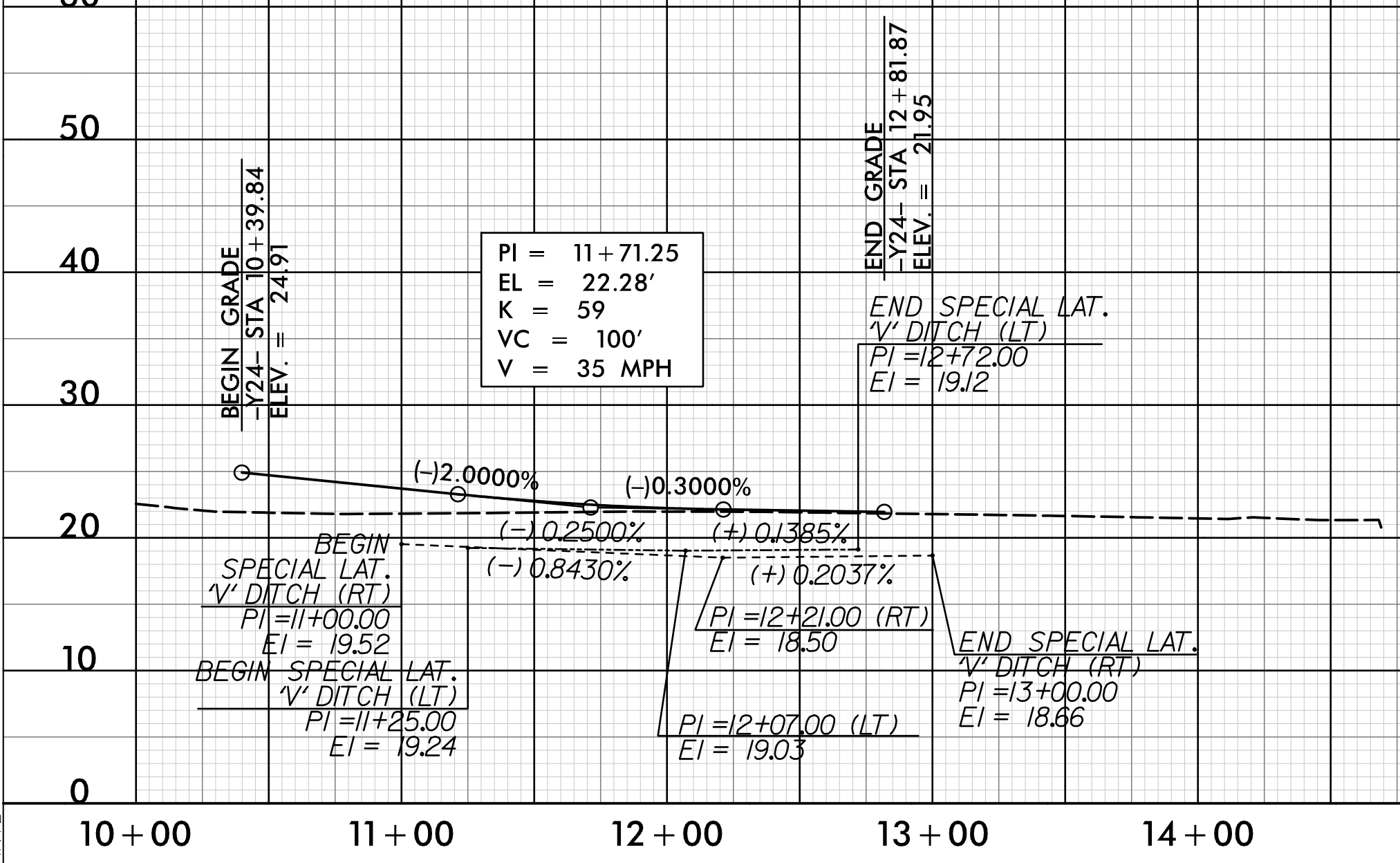
PI = 11+55.00	EL = 25.57'
VC = 100'	K = 25
V = 20 MPH	



NOTE: FOR -Y23- ALIGNMENT, SEE SHEET - 38

- Y24 -

PI = 11+71.25	EL = 22.28'
K = 59	VC = 100'
V = 35 MPH	



NOTE: FOR -Y24- ALIGNMENT, SEE SHEET - 39

22-JUL-2021 09:59
 (P:\gdm\way\p-coj\5021_PFL_PSH70.dgn
 HNTB