

5/28/99

PROJECT REFERENCE NO. R-2514B	SHEET NO. 36
ROADWAY DESIGN ENGINEER SEAL 033871 4/16/2015 DANIEL W. GARDNER, JR.	HYDRAULICS ENGINEER SEAL 019660 4/16/2015 PAUL M. ATKINSON

-Y2D-

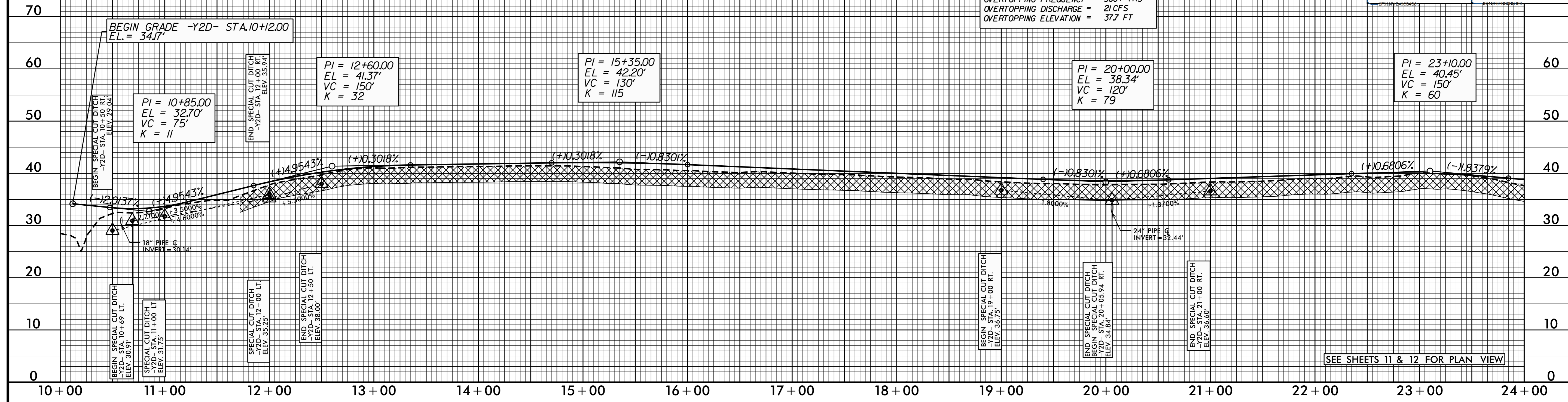
PIPE HYDRAULIC DATA
-Y2D- Sta.10+59

DRAINAGE AREA = 1.07 AC
DESIGN FREQUENCY = 25 YRS
DESIGN DISCHARGE = 3.4 CFS
DESIGN HW ELEVATION = 31.9 FT
100 YEAR DISCHARGE = 4.0 CFS
100 YEAR HW ELEVATION = 32.0 FT
OVERTOPPING FREQUENCY = 500+ YRS
OVERTOPPING DISCHARGE = 11.5 CFS
OVERTOPPING ELEVATION = 33.3 FT

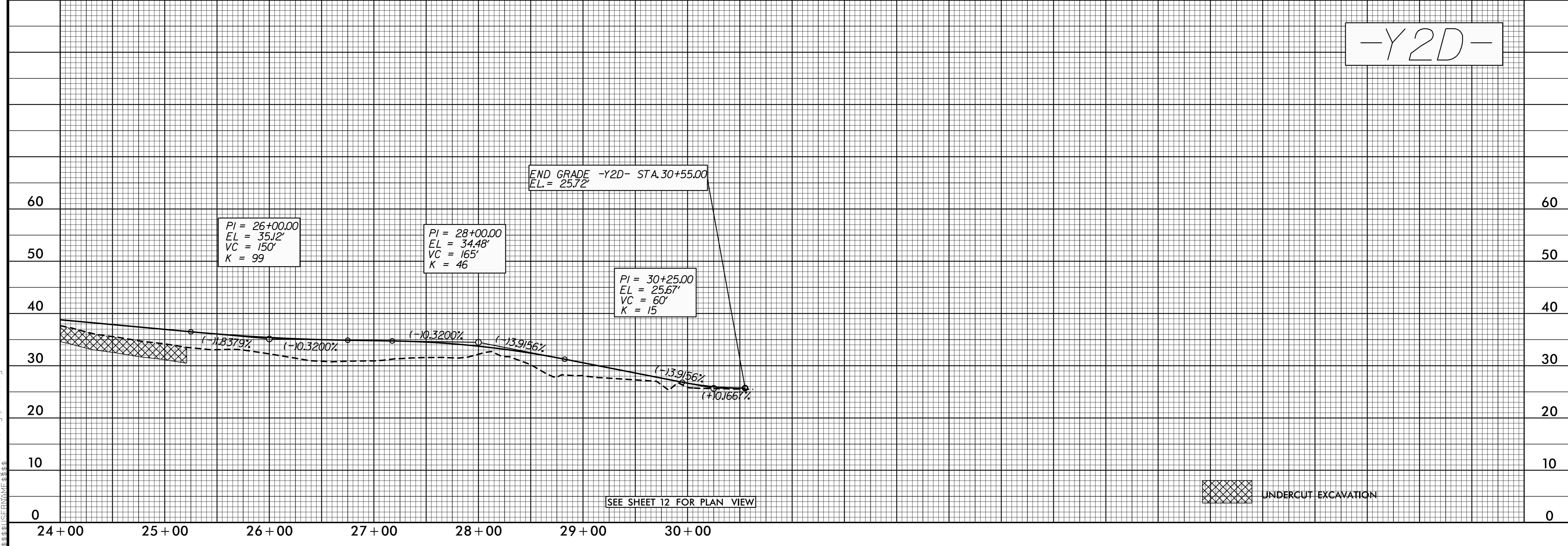
PIPE HYDRAULIC DATA
-Y2D- Sta.20+06

DRAINAGE AREA = 5.25 AC
DESIGN FREQUENCY = 25 YRS
DESIGN DISCHARGE = 13 CFS
DESIGN HW ELEVATION = 36.8 FT
100 YEAR DISCHARGE = 15 CFS
100 YEAR HW ELEVATION = 37.0 FT
OVERTOPPING FREQUENCY = 500+ YRS
OVERTOPPING DISCHARGE = 21 CFS
OVERTOPPING ELEVATION = 37.7 FT

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



-Y2D-



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