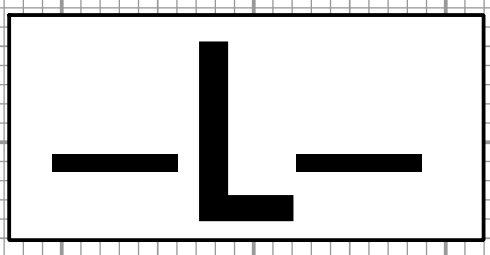


5/28/2022



PROJECT REFERENCE NO. A-0009CC	SHEET NO. 71
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 TGS ENGINEERS 201 W. MARION ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

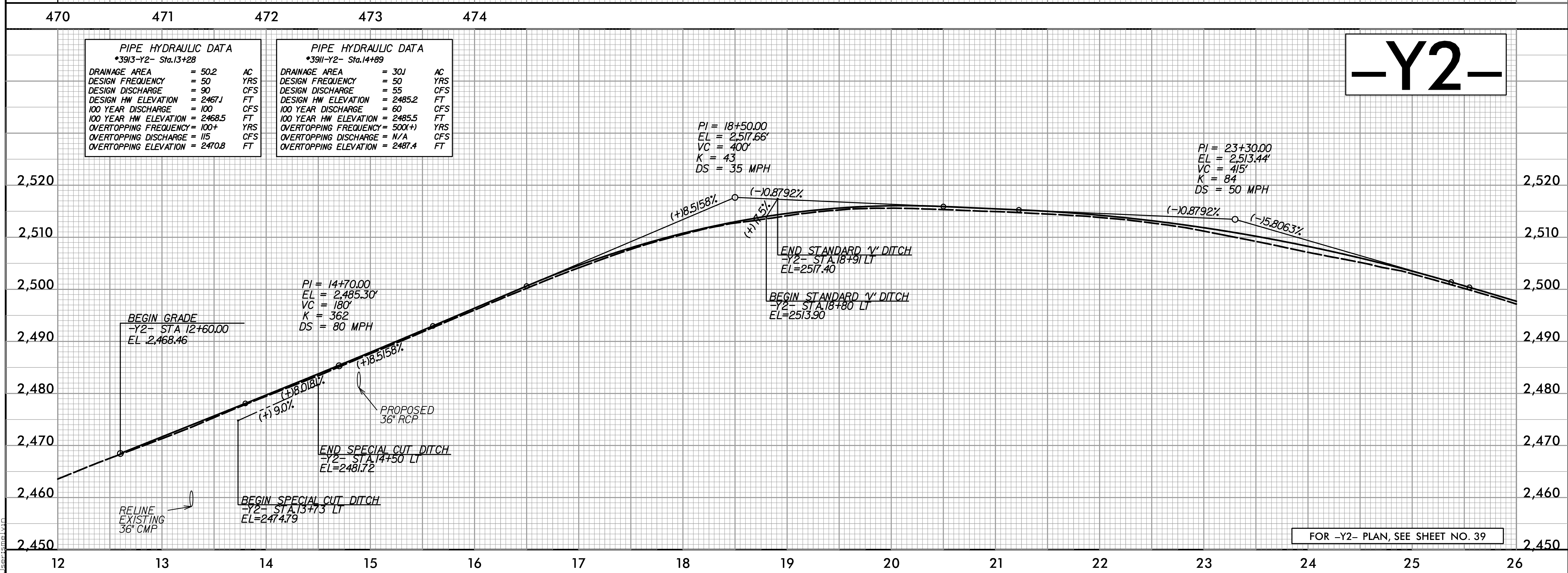


FOR -L- PLAN, SEE SHEET NO. 39

PIPE HYDRAULIC DATA *3913-Y2- Sta.13+28	
DRAINAGE AREA	= 50.2 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 90 CFS
DESIGN HW ELEVATION	= 2467.1 FT
100 YEAR DISCHARGE	= 100 CFS
100 YEAR HW ELEVATION	= 2468.5 FT
OVERTOPPING FREQUENCY	= 100+ YRS
OVERTOPPING DISCHARGE	= 115 CFS
OVERTOPPING ELEVATION	= 2470.8 FT

PIPE HYDRAULIC DATA *3911-Y2- Sta.14+89	
DRAINAGE AREA	= 30.1 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 55 CFS
DESIGN HW ELEVATION	= 2485.2 FT
100 YEAR DISCHARGE	= 60 CFS
100 YEAR HW ELEVATION	= 2485.5 FT
OVERTOPPING FREQUENCY	= 500(+)- YRS
OVERTOPPING DISCHARGE	= N/A CFS
OVERTOPPING ELEVATION	= 2487.4 FT

-Y2-



FOR -Y2- PLAN, SEE SHEET NO. 39

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