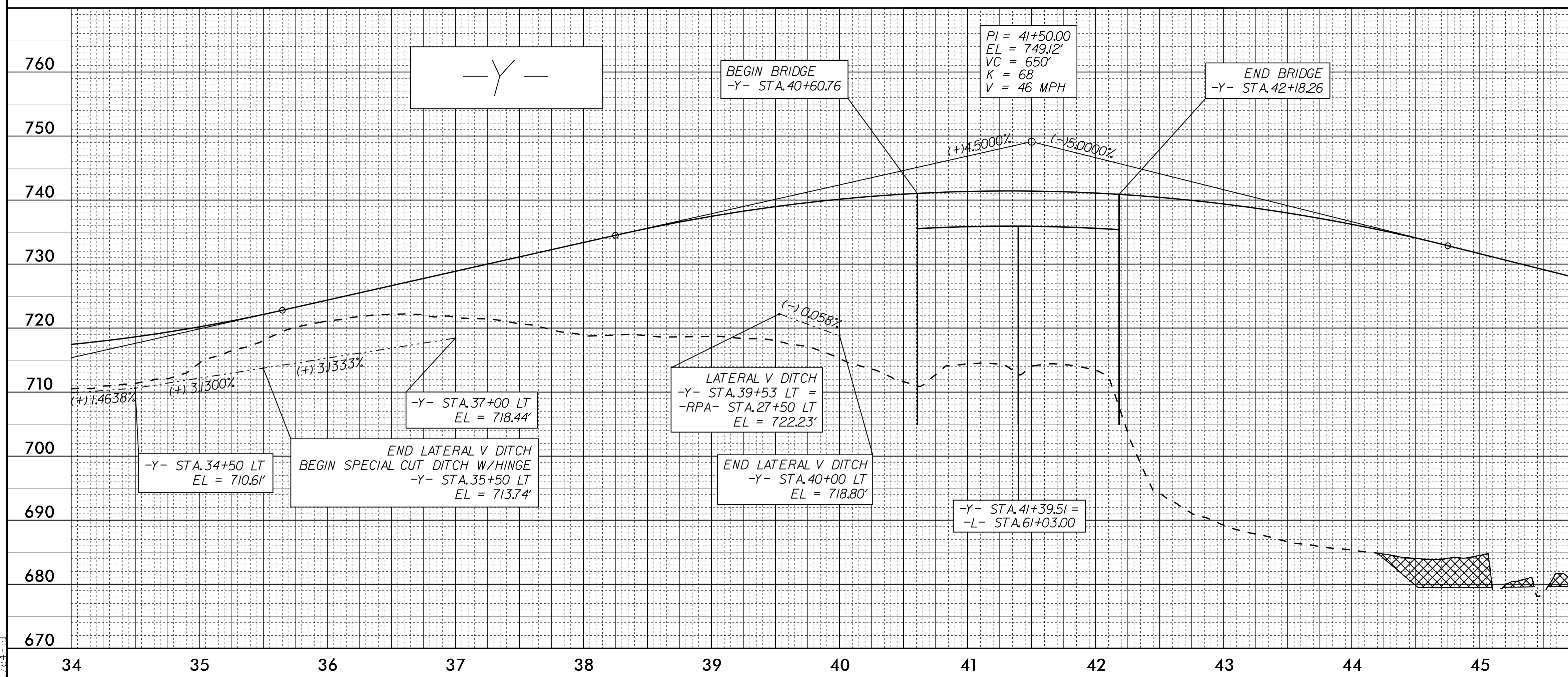
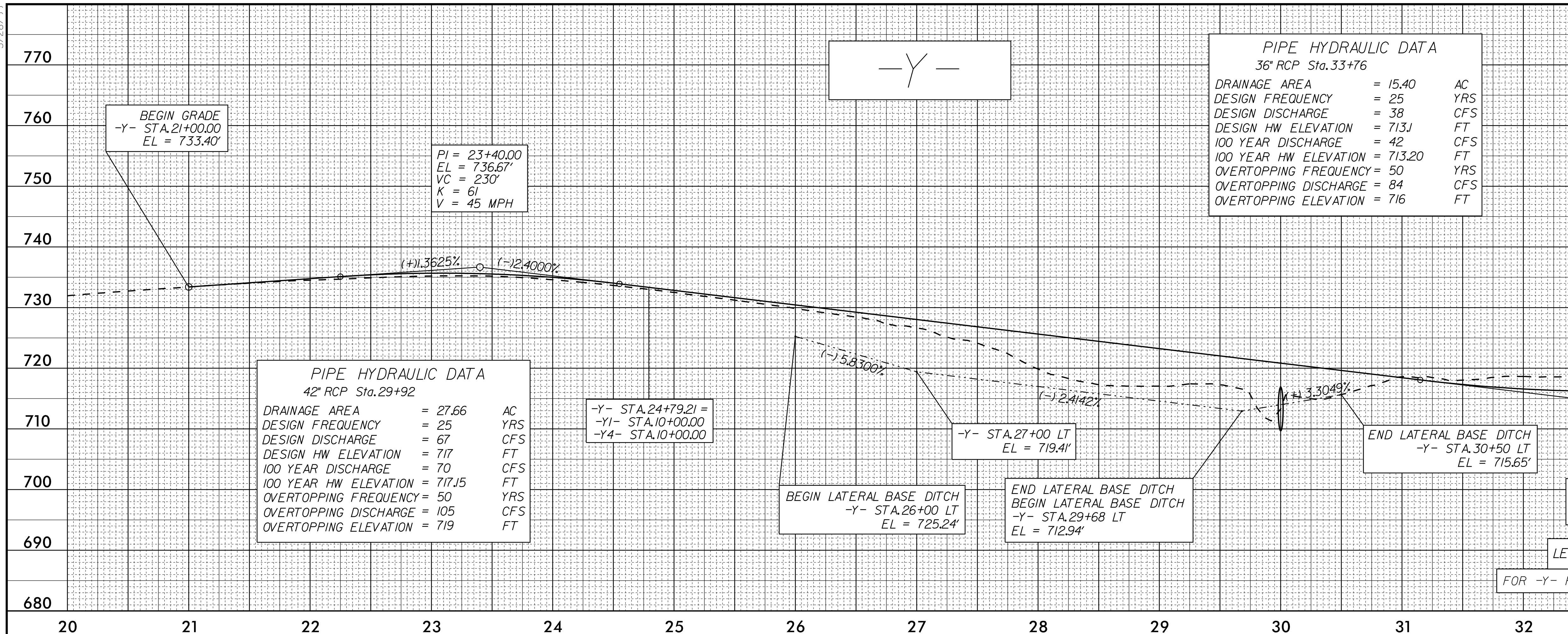


5/28/20

PROJECT REFERENCE NO. R-4707	SHEET NO. 16
ROADWAY DESIGN ENGINEER SEAL 034381 R. S. DeLoe 4/17/2020	HYDRAULICS ENGINEER SEAL 21636 R. J. Warden 4/20/2020
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Mead & Hunt 111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. F-1235	



CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 1,700	CFS	760
DESIGN FREQUENCY	= 50	YRS	
DESIGN HW ELEVATION	= 687.6	FT	
BASE DISCHARGE	= 2,100	CFS	750
BASE FREQUENCY	= 100	YRS	
BASE HW ELEVATION	= 689.5	FT	
OVERTOPPING DISCHARGE	= 8,380	CFS	
OVERTOPPING FREQUENCY	= 500+	YRS	
OVERTOPPING ELEVATION	= 719.6	FT	740
DATE OF SURVEY	= 5/31/2018		
W.S. ELEVATION AT DATE OF SURVEY	= 681.1	FT	730

4@8' x 10' RCBC

UNDERCUT EXCAVATION

FOR -Y- PLAN, SEE SHEETS 6 & 9

07-MAR-2020 09:41
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