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5/28/99

STV 100 Years
STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

PROJECT REFERENCE NO.	SHEET NO.
U-4751	56

ROADWAY DESIGN ENGINEER

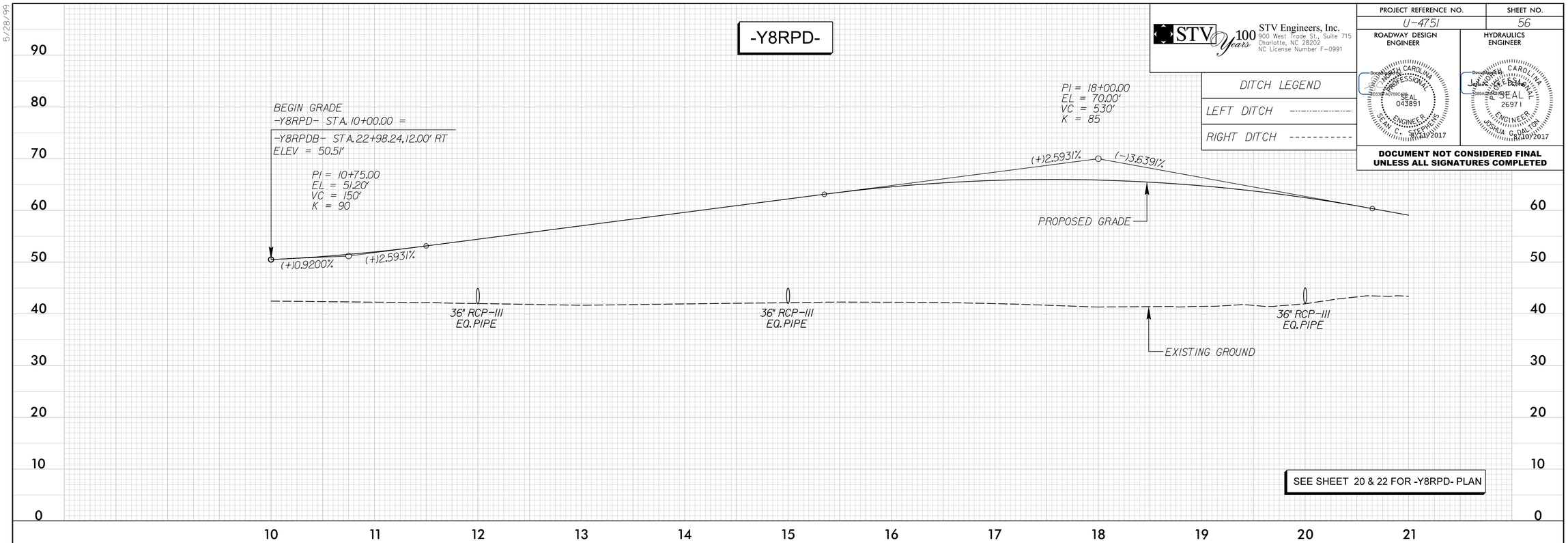
NORTH CAROLINA PROFESSIONAL SEAL 043891 ENGINEER SEAN C. STEPHENS 7/14/2017

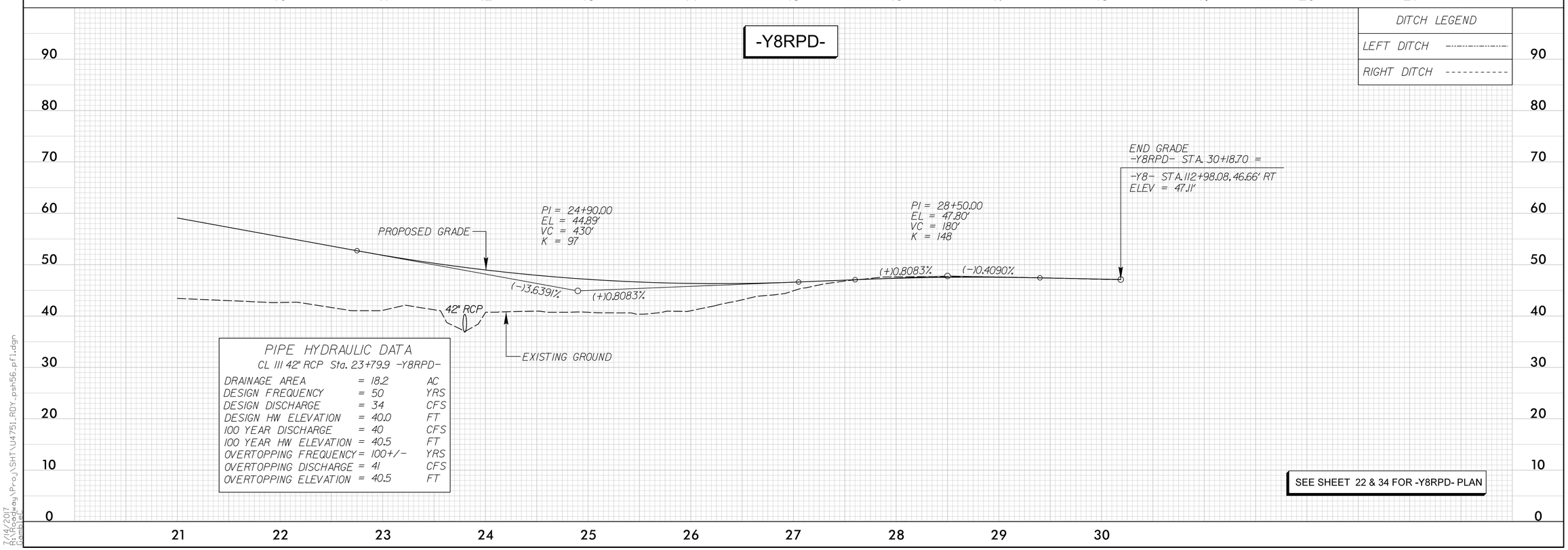
HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER JOSHUA C. DALTON 7/14/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DITCH LEGEND
LEFT DITCH
RIGHT DITCH





PIPE HYDRAULIC DATA
CL III 42" RCP Sta. 23+79.9 -Y8RPD-

DRAINAGE AREA	= 18.2	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 34	CFS
DESIGN HW ELEVATION	= 40.0	FT
100 YEAR DISCHARGE	= 40	CFS
100 YEAR HW ELEVATION	= 40.5	FT
OVERTOPPING FREQUENCY	= 100+/-	YRS
OVERTOPPING DISCHARGE	= 41	CFS
OVERTOPPING ELEVATION	= 40.5	FT

7/14/2017
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Combine