

5/28/99

**PIPE HYDRAULIC DATA**  
30" RCP Sta. 21+78

DRAINAGE AREA	= 2.5	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 16	CFS
DESIGN HW ELEVATION	= 88J	FT
100 YEAR DISCHARGE	= 17	CFS
100 YEAR HW ELEVATION	= 88.3	FT
OVERTOPPING FREQUENCY	= 500 +	YRS
OVERTOPPING DISCHARGE	= 23	CFS
OVERTOPPING ELEVATION	= 89J	FT

**WETHERILL ENGINEERING**  
1223 Jones Franklin Rd.  
Raleigh, N.C. 27606  
License No. F-0377  
Bus: 919 851 8077  
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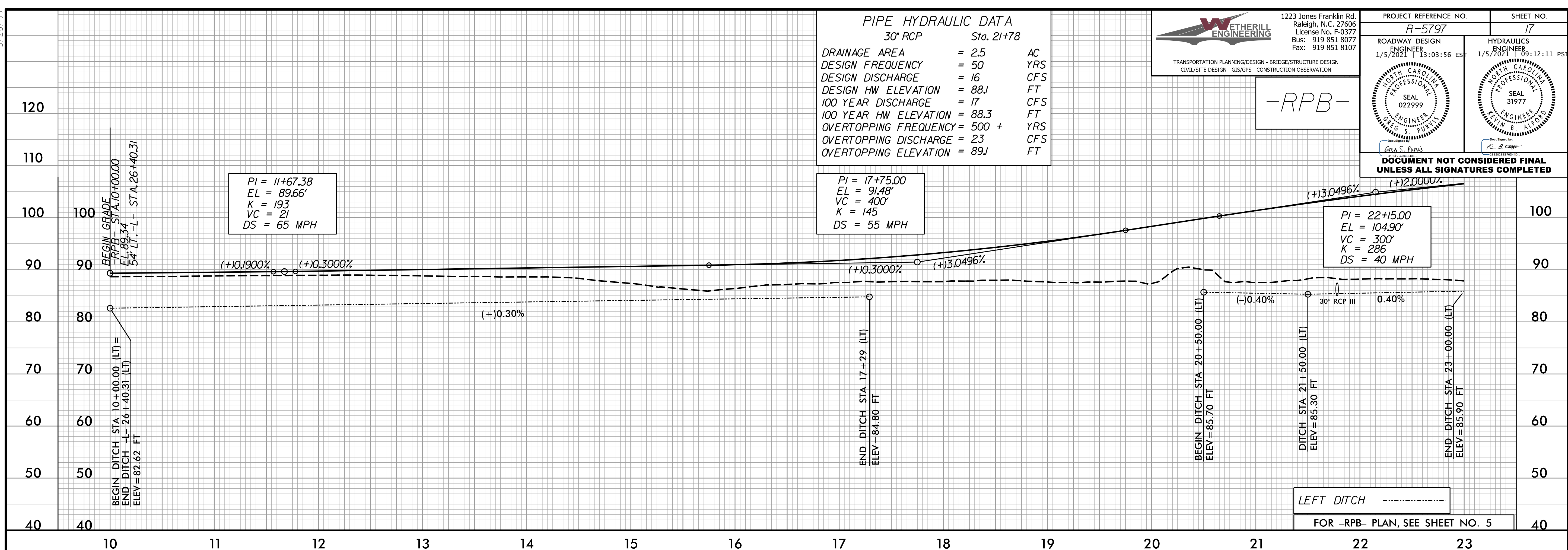
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	R-5797	SHEET NO.	17
ROADWAY DESIGN ENGINEER	1/5/2021 13:03:56 EST	HYDRAULICS ENGINEER	1/5/2021 09:12:11 PST

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022999  
Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 31977

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

-RPB-



LEFT DITCH FOR -RPB- PLAN, SEE SHEET NO. 5



-RPB-

FOR -RPB- PLAN, SEE SHEET NO. 5

12/9/2008 R-5797\_Rdy\_PSH\_17\_PFL.dgn