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5/28/99

PROJECT REFERENCE NO.	SHEET NO.
R-5730	7

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 035018 ENGINEER JIMMY L. TERRY 5/2/2019

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 044158 ENGINEER BENJAMIN J. HERGERS 5/2/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

LEFT DITCH ——- - -——

RIGHT DITCH - - - - - - - - - - - -

-Y-

PIPE HYDRAULIC DATA

*0503 -Y- Sta. 17+21

DRAINAGE AREA	=	0.5	AC
DESIGN FREQUENCY	=	25	YRS
DESIGN DISCHARGE	=	1.9	CFS
DESIGN HW ELEVATION	=	839.5	FT
100 YEAR DISCHARGE	=	2.1	CFS
100 YEAR HW ELEVATION	=	839.5	FT
OVERTOPPING FREQUENCY	=	>500 (+)	YRS
OVERTOPPING DISCHARGE	=	N/A	CFS
OVERTOPPING ELEVATION	=	841.6	FT

FOR -Y- PLAN, SEE SHEET NO. 4

-Y1-

FOR -Y1- PLAN, SEE SHEET NO. 5

-DR-

FOR -DR- PLAN, SEE SHEET NO. 5

4/8/2019
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Usersjmelvin