

-L- US 74 (SHELBY BYPASS)

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.1501	
DRAINAGE AREA	= 78 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 196 CFS
DESIGN HW ELEVATION	= 875.5 FT
100 YEAR DISCHARGE	= 228 CFS
100 YEAR HW ELEVATION	= 876.3 FT
OVERTOPPING FREQUENCY	= -500 YRS
OVERTOPPING DISCHARGE	= -363 CFS
OVERTOPPING ELEVATION	= 880.4 FT

PROJECT REFERENCE NO. R-2707C	SHEET NO. 49
ROADWAY DESIGN ENGINEER J. R. REID SEAL 15869 4/12/2017	HYDRAULICS ENGINEER JOSHUA G. DALTON SEAL 26971 4/12/2017
4700 FALLS OF NEUSE ROAD, SUITE 300 RALEIGH, NORTH CAROLINA 27609 919-881-4626 FAX 919-881-4629	4700 FALLS OF NEUSE ROAD, SUITE 300 RALEIGH, NORTH CAROLINA 27609 919-881-4626 FAX 919-881-4629
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