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PROJECT REFERENCE NO.	SHEET NO.
17BP.1.R.78	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER DANIEL W. GARDNER, JR.
7/5/2018
DocuSigned by: Daniel W. Gardner, Jr.
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HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033023 ENGINEER BRADLEY S. RIDNOUR
7/5/2018
DocuSigned by: Bradley S. Ridnour
79D4121D0A514A4...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEPI ENGINEERING & CONSTRUCTION
1025 Wade Avenue
Raleigh, NC 27605
Tel:919-789-9977
Fax:919-789-9591
License: C-2197

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 1100	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 25.1	FT
BASE DISCHARGE	= 1300	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 25.5	FT
OVERTOPPING DISCHARGE	= 1470	CFS
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING ELEVATION	= 26.0	FT
	=	FT
DATE OF SURVEY	= 11/03/16	
W.S. ELEVATION AT DATE OF SURVEY	= 18.7	FT

SEE SHEET 4 FOR PLAN VIEW

5/17/2018
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