PROJECT REFERENCE NO.	SHEET NO.
B-4978	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 026964 ENGINEER Bryan C. Key
DocuSigned by: 329D39A94F124FC... 9/1/2017

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 019865 ENGINEER WILLIAM S. ZERMAN, JR.
DocuSigned by: Bill Zerman BC8001C43D39433... 9/1/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	4,400	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	1139.2	FT
BASE DISCHARGE	=	13,806	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	1148.36	FT
OVERTOPPING DISCHARGE	=	11,763	CFS
OVERTOPPING FREQUENCY	=	100-	YRS
OVERTOPPING ELEVATION	=	1148.16	FT
	=		FT
DATE OF SURVEY	=	10/7/2015	
W.S. ELEVATION AT DATE OF SURVEY	=	1129.6	FT