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5/28/99

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.137	5

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26960 ENGINEER
DocuSigned by: Kelly M. Schuller
1/23/2017

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 31977 ENGINEER
DocuSigned by: Kevin B. Alford
1/23/2017

BM#1
N 525176 E 864723
ELEVATION = 2210.77'
NAIL IN BASE OF PP

BM#2
N 525116 E 864952
ELEVATION = 2208.08'
NAIL IN BASE OF 30" OAK

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	4800	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	2207.0	FT
BASE DISCHARGE	=	6980	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	2207.52	FT
OVERTOPPING DISCHARGE	=	8200	CFS
OVERTOPPING FREQUENCY	=	100 (+)	YRS
OVERTOPPING ELEVATION	=	2209.2	FT
DRAINAGE AREA	=	24.7	SQ MI
DATE OF SURVEY	=	8/14/13	
W.S.ELEVATION AT DATE OF SURVEY	=	2195.3'	FT

12/22/2016
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