PROJECT REFERENCE NO.	SHEET NO.
B-5113	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER
DocuSigned by: Anthony Houser 11/10/2014

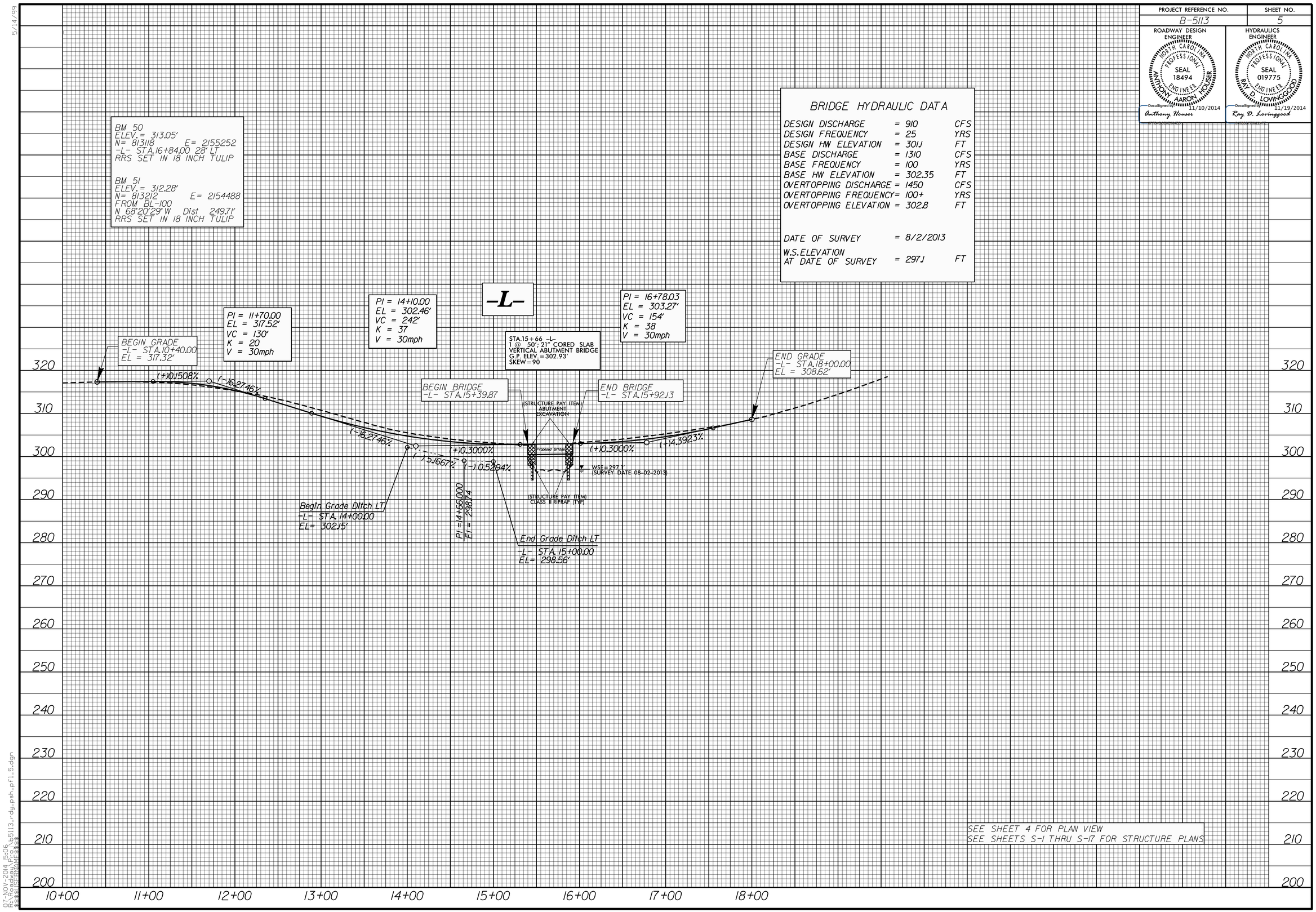
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 019775 ENGINEER RAY D. LOVINGGOOD
DocuSigned by: Ray D. Lovinggood 11/19/2014

BM 50
ELEV. = 313.05'
N= 813118 E= 2155252
-L- STA.16+84.00 28' LT
RRS SET IN 18 INCH TULIP

BM 51
ELEV. = 312.28'
N= 813212 E= 2154488
FROM BL-100
N 68°20'29" W Dist 249.71'
RRS SET IN 18 INCH TULIP

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	910	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	301.1	FT
BASE DISCHARGE	=	1310	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	302.35	FT
OVERTOPPING DISCHARGE	=	1450	CFS
OVERTOPPING FREQUENCY	=	100+	YRS
OVERTOPPING ELEVATION	=	302.8	FT
DATE OF SURVEY	=	8/2/2013	
W.S. ELEVATION AT DATE OF SURVEY	=	297.1	FT



SEE SHEET 4 FOR PLAN VIEW
SEE SHEETS S-1 THRU S-17 FOR STRUCTURE PLANS

5/14/99

07-NOV-2014 15:06
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$$$$USERNAME$$$$