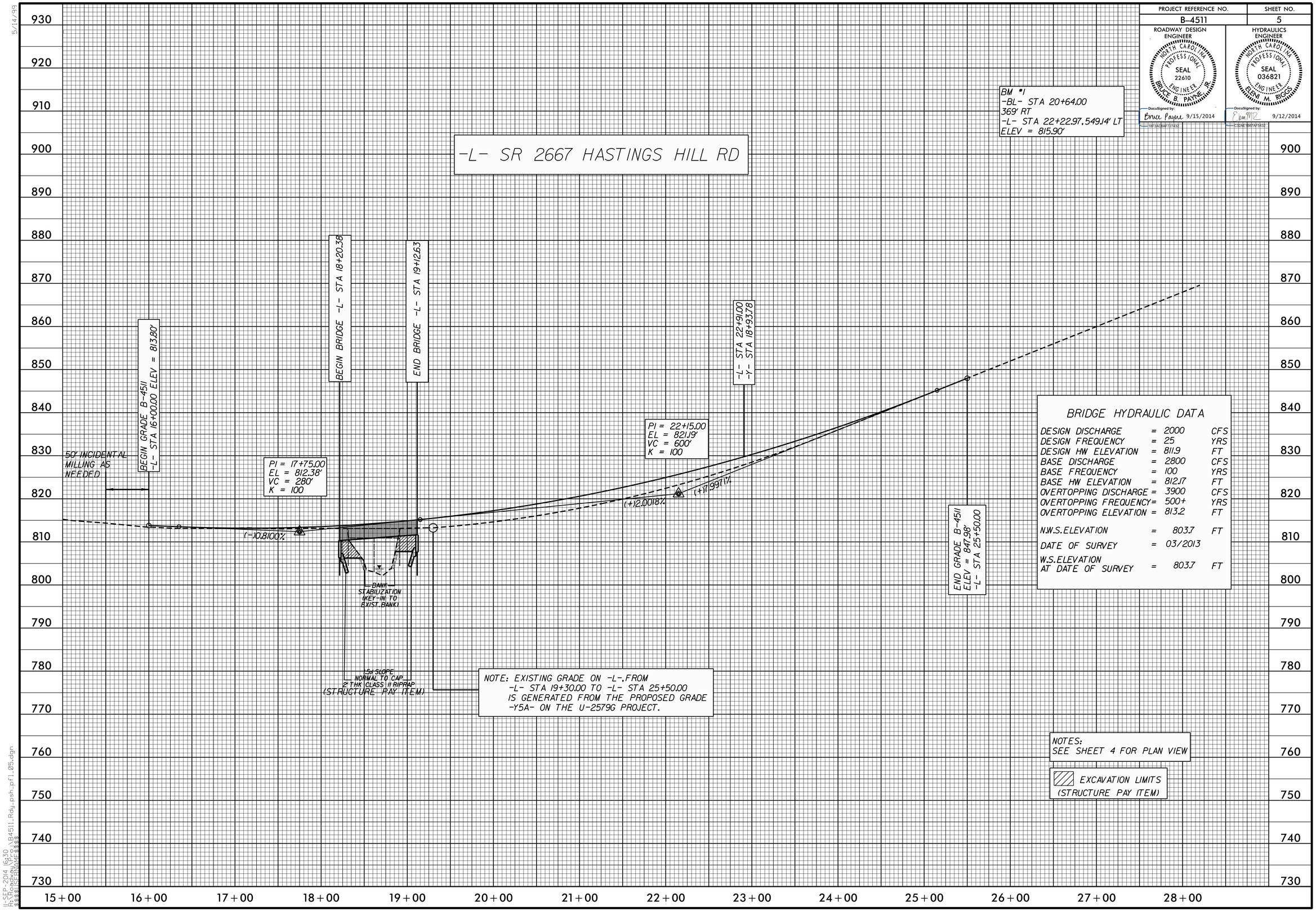
PROJECT REFERENCE NO.	SHEET NO.
B-4511	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22610 ENGINEER BRUCE B. PAYNE JR.
DocuSigned by: Bruce Payne 9/15/2014
18F3AC8AF727432

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 036821 ENGINEER BENJAMIN M. RIGGS
DocuSigned by: 9/12/2014
C32AE1B97AF5432



NOTE: EXISTING GRADE ON -L-, FROM -L- STA 19+30.00 TO -L- STA 25+50.00 IS GENERATED FROM THE PROPOSED GRADE -Y5A- ON THE U-2579G PROJECT.

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	2000	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	811.9	FT
BASE DISCHARGE	=	2800	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	812.17	FT
OVERTOPPING DISCHARGE	=	3900	CFS
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING ELEVATION	=	813.2	FT
N.W.S. ELEVATION	=	803.7	FT
DATE OF SURVEY	=	03/2013	
W.S. ELEVATION AT DATE OF SURVEY	=	803.7	FT

NOTES:
SEE SHEET 4 FOR PLAN VIEW

EXCAVATION LIMITS (STRUCTURE PAY ITEM)

5/14/99

JL-SEP-2014 16:30
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$$USERNAME$$