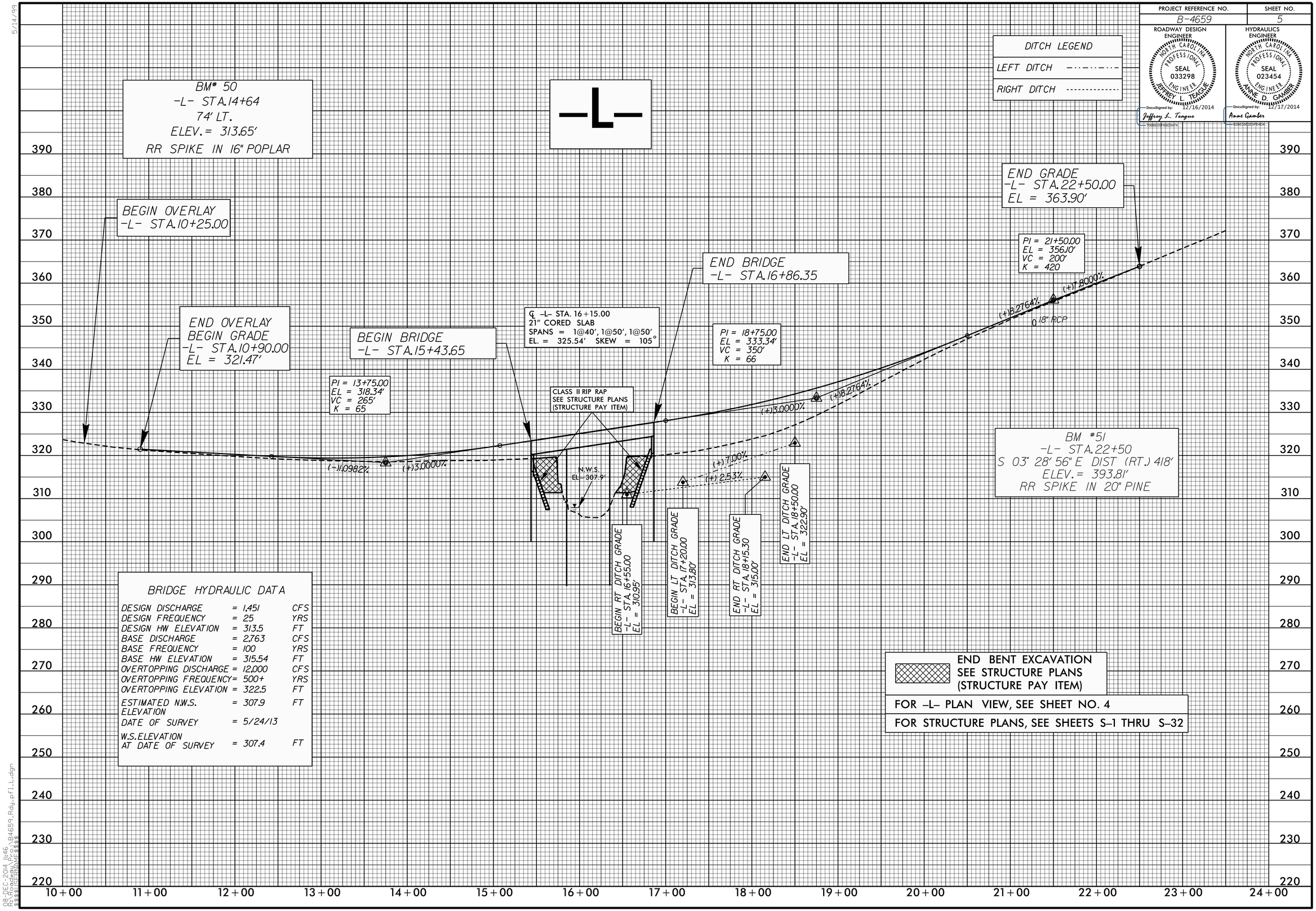
PROJECT REFERENCE NO.	SHEET NO.
B-4659	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033298 ENGINEER JEFFREY L. TEAGUE
DocuSigned by: 12/16/2014
Jeffrey L. Teague
7088E00F6B0047...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 023454 ENGINEER ANNIE D. GAMBER
DocuSigned by: 12/17/2014
Annie Gamber
828E35E25FE4D4...



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 1,451	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 313.5	FT
BASE DISCHARGE	= 2,763	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 315.54	FT
OVERTOPPING DISCHARGE	= 12,000	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 322.5	FT
ESTIMATED N.W.S. ELEVATION	= 307.9	FT
DATE OF SURVEY	= 5/24/13	
W.S. ELEVATION AT DATE OF SURVEY	= 307.4	FT

5/14/99

08-DEC-2014 11:46
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$$USERNAME$$