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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.58	5

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 015869 ENGINEER JAMES R. REID

DocuSigned by: James R. Reid 5/26/2017

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 026696 ENGINEER JEFFREY L. RECK

DocuSigned by: Jeffrey L. Reck 5/26/2017

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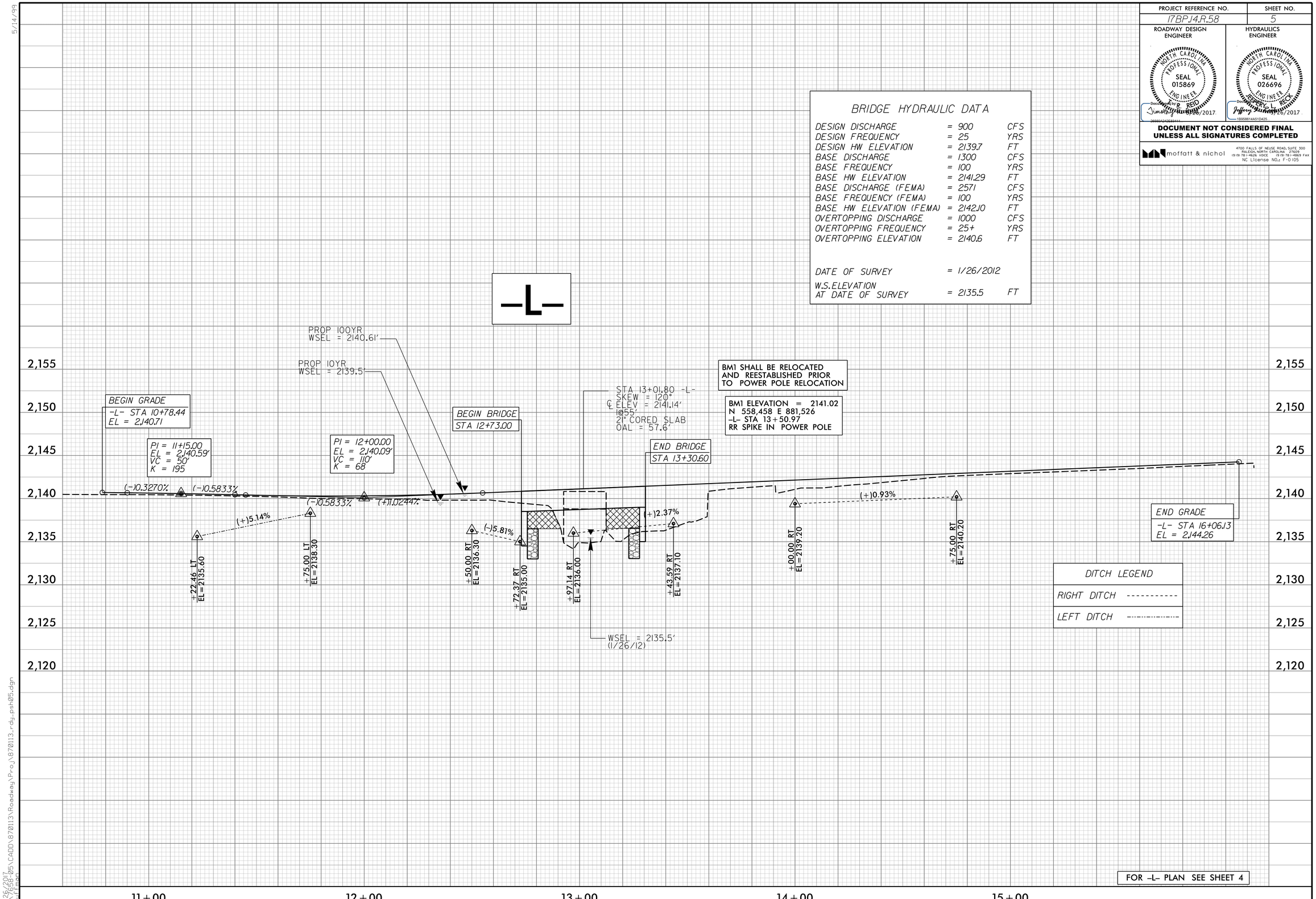
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

moffatt & nichol
4700 FALLS OF NEUSE ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
(919) 781-4626 VOICE (919) 781-4869 FAX
NC License NO.: F-0105

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 900	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 2139.7	FT
BASE DISCHARGE	= 1300	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 2141.29	FT
BASE DISCHARGE (FEMA)	= 2571	CFS
BASE FREQUENCY (FEMA)	= 100	YRS
BASE HW ELEVATION (FEMA)	= 2142.10	FT
OVERTOPPING DISCHARGE	= 1000	CFS
OVERTOPPING FREQUENCY	= 25+	YRS
OVERTOPPING ELEVATION	= 2140.6	FT
DATE OF SURVEY	= 1/26/2012	
W.S. ELEVATION AT DATE OF SURVEY	= 2135.5	FT



FOR -L- PLAN SEE SHEET 4

5/26/2017
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