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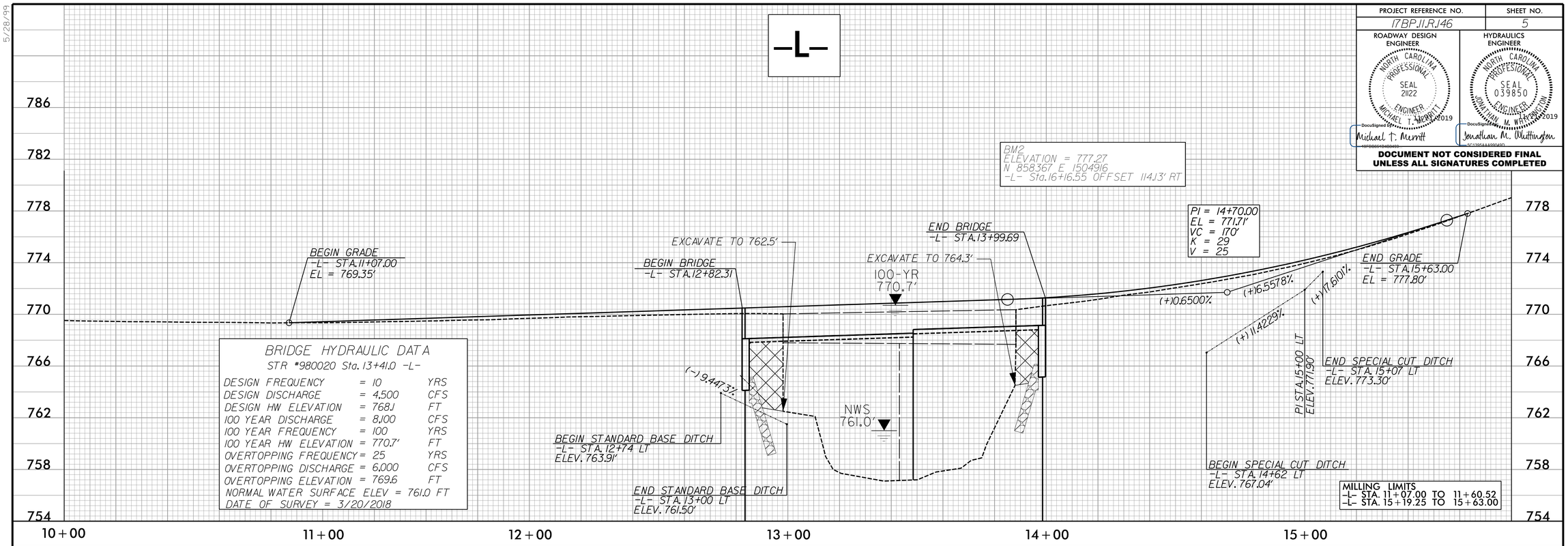
5/28/99

PROJECT REFERENCE NO.	SHEET NO.
17BP.11.R.146	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 21122 ENGINEER MICHAEL T. MERRITT
DocuSigned by: Michael T. Merritt 5/20/2019

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 039850 ENGINEER JONATHAN M. WHITTINGTON
DocuSigned by: Jonathan M. Whittington 5/20/2019

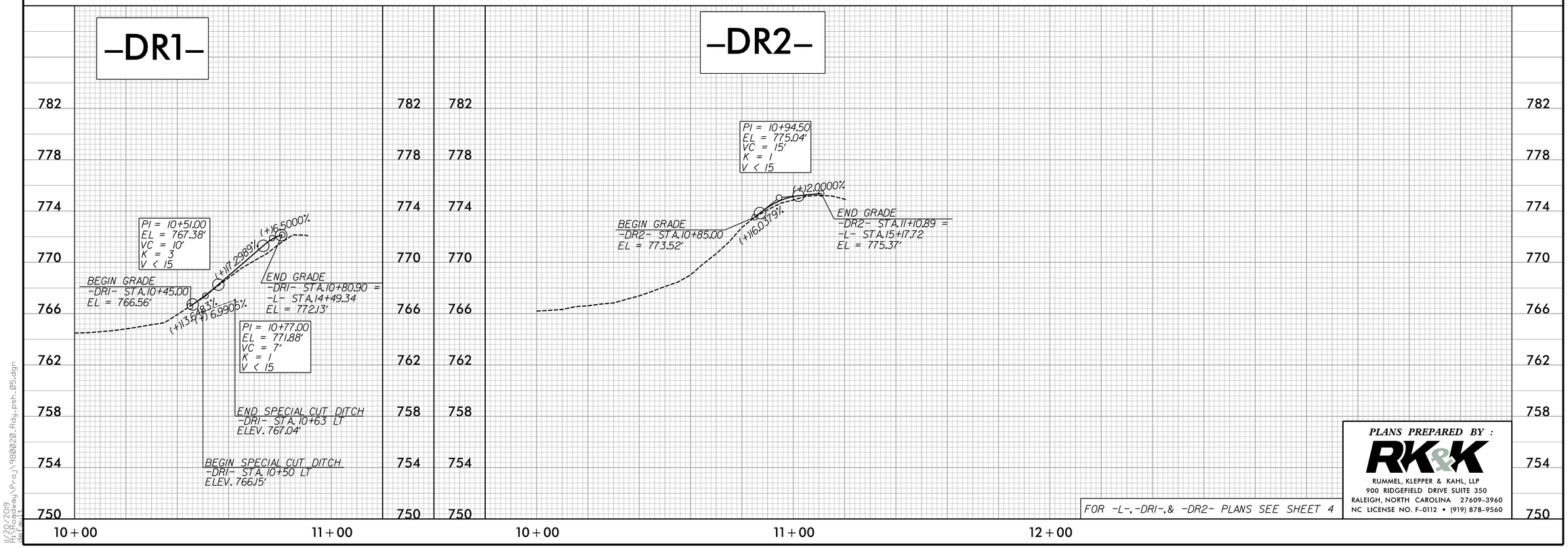
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



BRIDGE HYDRAULIC DATA
STR #980020 Sta. 13+41.0 -L-

DESIGN FREQUENCY	= 10	YRS
DESIGN DISCHARGE	= 4,500	CFS
DESIGN HW ELEVATION	= 768.1	FT
100 YEAR DISCHARGE	= 8,100	CFS
100 YEAR FREQUENCY	= 100	YRS
100 YEAR HW ELEVATION	= 770.7'	FT
OVERTOPPING FREQUENCY	= 25	YRS
OVERTOPPING DISCHARGE	= 6,000	CFS
OVERTOPPING ELEVATION	= 769.6	FT

NORMAL WATER SURFACE ELEV = 761.0 FT
DATE OF SURVEY = 3/20/2018



FOR -L-,-DR1-,& -DR2- PLANS SEE SHEET 4

PLANS PREPARED BY :
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

11/20/2019
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