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LOUIS BERGER
1001 Wade Avenue, Suite 400
Raleigh, North Carolina 27605
License No.: F-0840

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.113	5

ROADWAY DESIGN ENGINEER
DocuSigned by: RD Odell
NORTH CAROLINA PROFESSIONAL SEAL 27933 ENGINEER R. D. ODELL
1/7/2019

HYDRAULICS ENGINEER
DocuSigned by: Dean Hatfield
NORTH CAROLINA PROFESSIONAL SEAL 16003 ENGINEER DEAN D. HATFIELD
1/7/2019

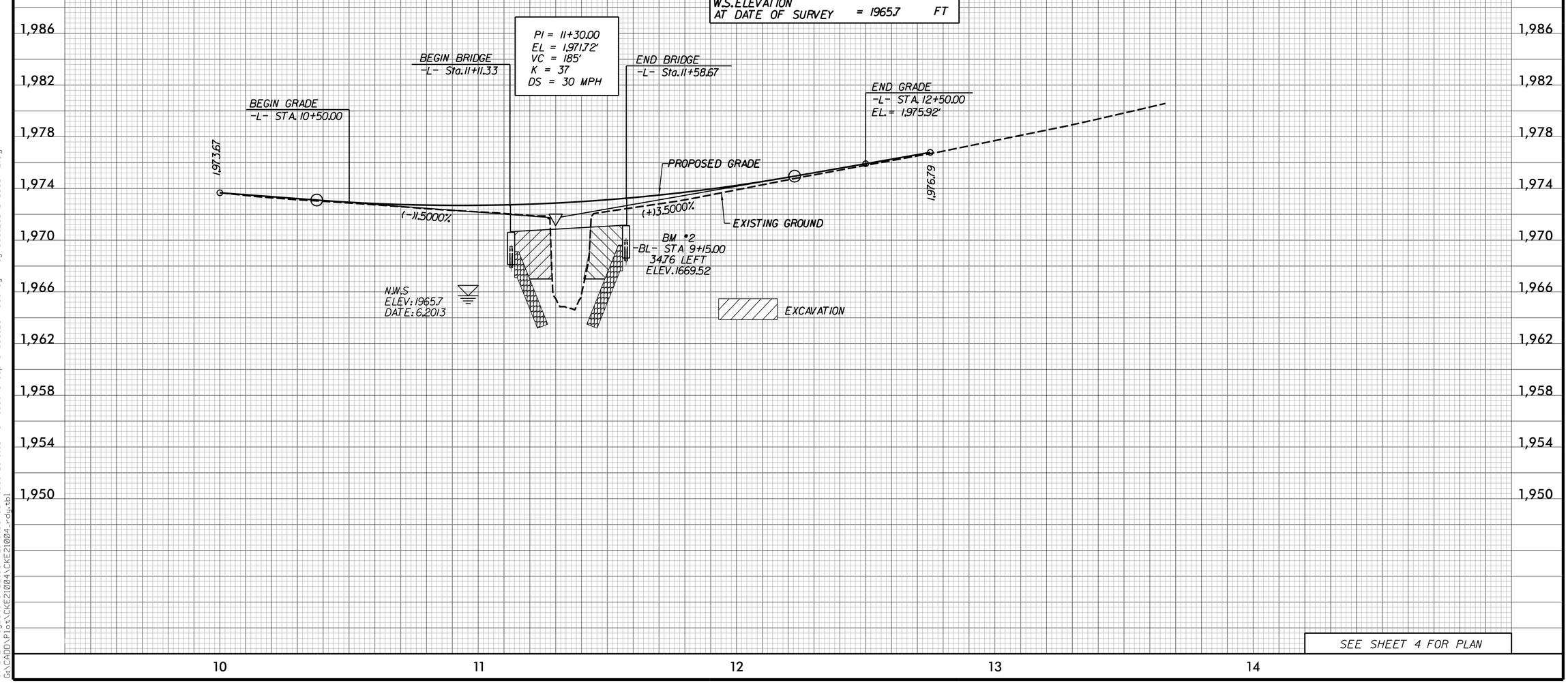
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-

0 20 40 HORIZONTAL
0 4 8 VERTICAL

HYDRAULIC DATA

DESIGN DISCHARGE	= 900	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 1971.6	FT
BASE DISCHARGE	= 1300	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 1973.28	FT
OVERTOPPING DISCHARGE	= 1180	CFS
OVERTOPPING FREQUENCY	= 50+	YRS
OVERTOPPING ELEVATION	= 1972.9	FT
DATE OF SURVEY	= JUNE 2013	
W.S. ELEVATION AT DATE OF SURVEY	= 1965.7	FT



SEE SHEET 4 FOR PLAN

1/4/2019 2:41:45 PM
G:\CKE Projects\CKE21004 Limited Services Division Offices\Group 3\550120\Roadway\Proj\550120_RDY_05_PFL.dgn
G:\CADD\Plot\CKE21004\CKE21004.rdy.tbl