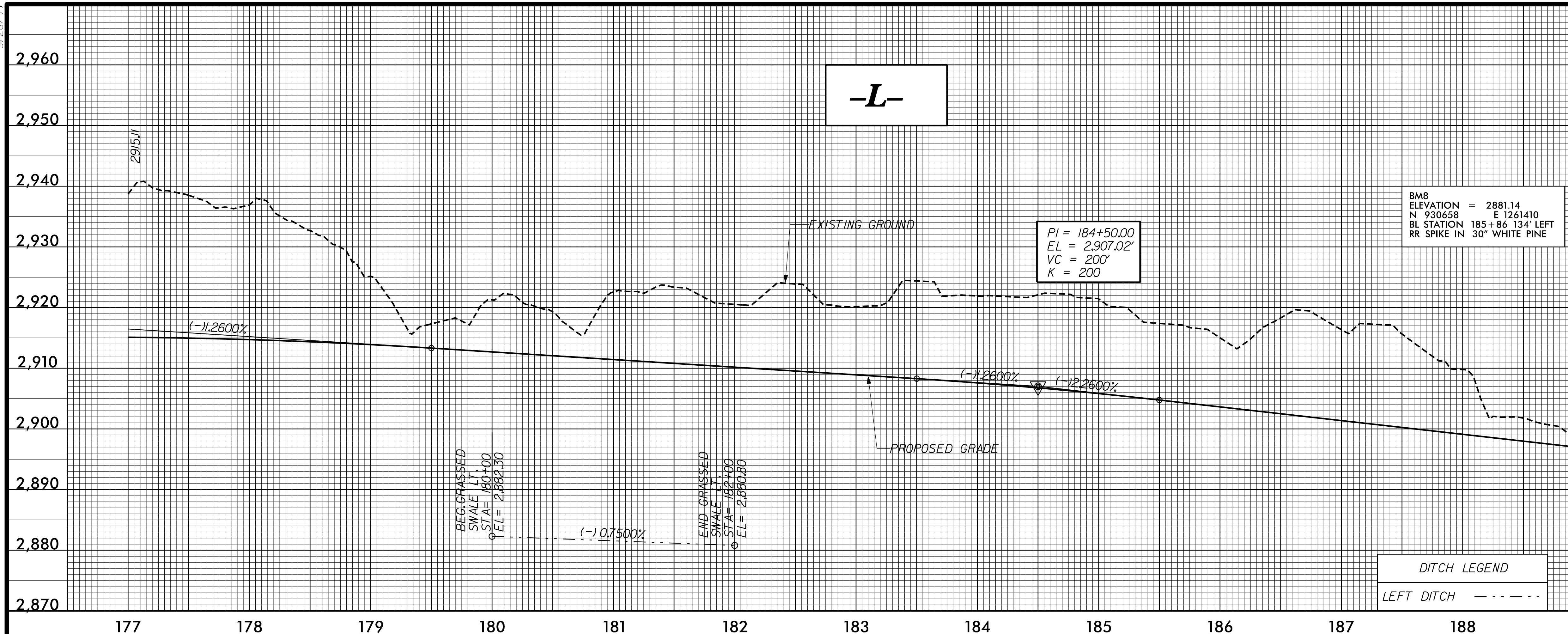


5/28/99

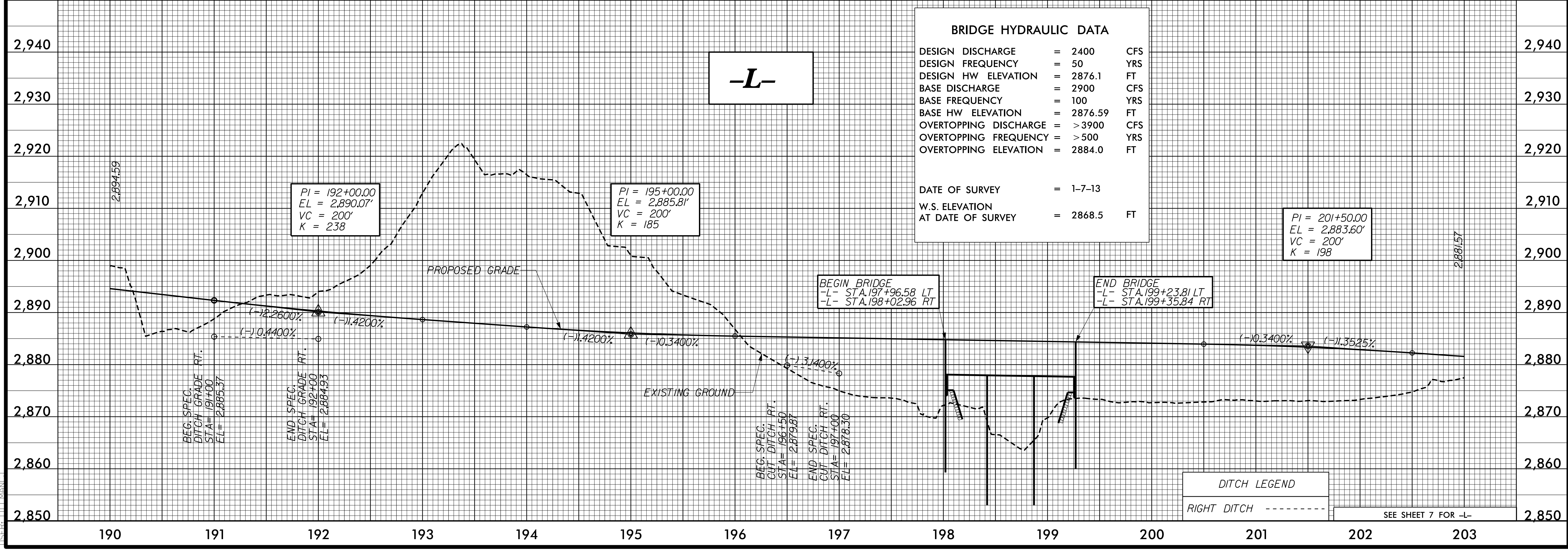
PROJECT REFERENCE NO. R-2915B	SHEET NO. 14
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER
CDM Smith Camp Dresser & McKee 5400 Glenwood Avenue Suite 300 Raleigh, NC 27612-3228 NC CDA No. F-6462	SONGATE DESIGN GROUP P.A. 1101 GOLF COURSE PARKWAY RALEIGH, NORTH CAROLINA 27605 NC CDA No. C-0980



DITCH LEGEND
LEFT DITCH - - - - -

SEE SHEET 6 FOR -L-

6/25/2015 8:15:19 AM
I:\2915B\2915B-FRM-pfl_14.dgn
USER: CHU, MANIC



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	2400	CFS
DESIGN FREQUENCY	=	50	YRS
DESIGN HW ELEVATION	=	2876.1	FT
BASE DISCHARGE	=	2900	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	2876.59	FT
OVERTOPPING DISCHARGE	=	>3900	CFS
OVERTOPPING FREQUENCY	=	>500	YRS
OVERTOPPING ELEVATION	=	2884.0	FT

DATE OF SURVEY = 1-7-13
W.S. ELEVATION AT DATE OF SURVEY = 2868.5 FT

DITCH LEGEND
RIGHT DITCH - - - - -

SEE SHEET 7 FOR -L-