

5/28/99

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	5,910 CFS
DESIGN FREQUENCY	=	50 YRS
DESIGN HW ELEVATION	=	19.0 FT
BASE DISCHARGE	=	7,520 CFS
BASE FREQUENCY	=	100 YRS
BASE HW ELEVATION	=	20.32 FT
OVERTOPPING DISCHARGE	=	14,800 CFS
OVERTOPPING FREQUENCY	=	500+ YRS
OVERTOPPING ELEVATION	=	24.6 FT

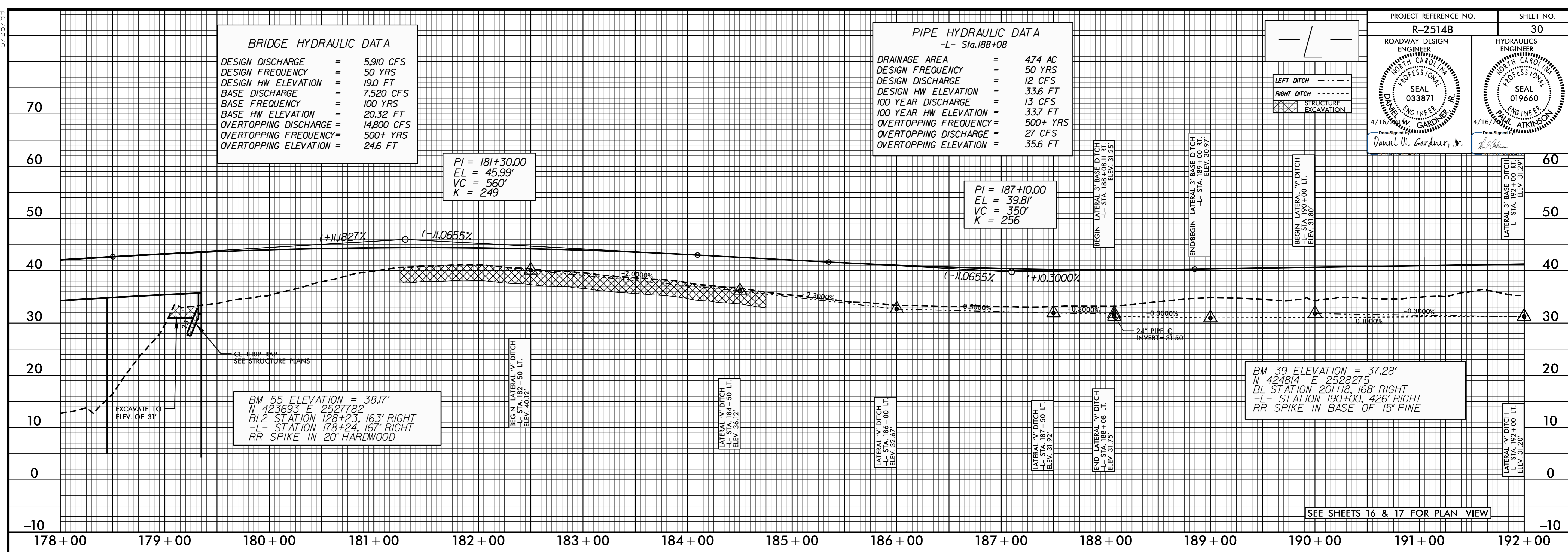
PIPE HYDRAULIC DATA
-L- Sta.188+08

DRAINAGE AREA	=	474 AC
DESIGN FREQUENCY	=	50 YRS
DESIGN DISCHARGE	=	12 CFS
DESIGN HW ELEVATION	=	33.6 FT
100 YEAR DISCHARGE	=	13 CFS
100 YEAR HW ELEVATION	=	33.7 FT
OVERTOPPING FREQUENCY	=	500+ YRS
OVERTOPPING DISCHARGE	=	27 CFS
OVERTOPPING ELEVATION	=	35.6 FT

PROJECT REFERENCE NO. **R-2514B** SHEET NO. **30**

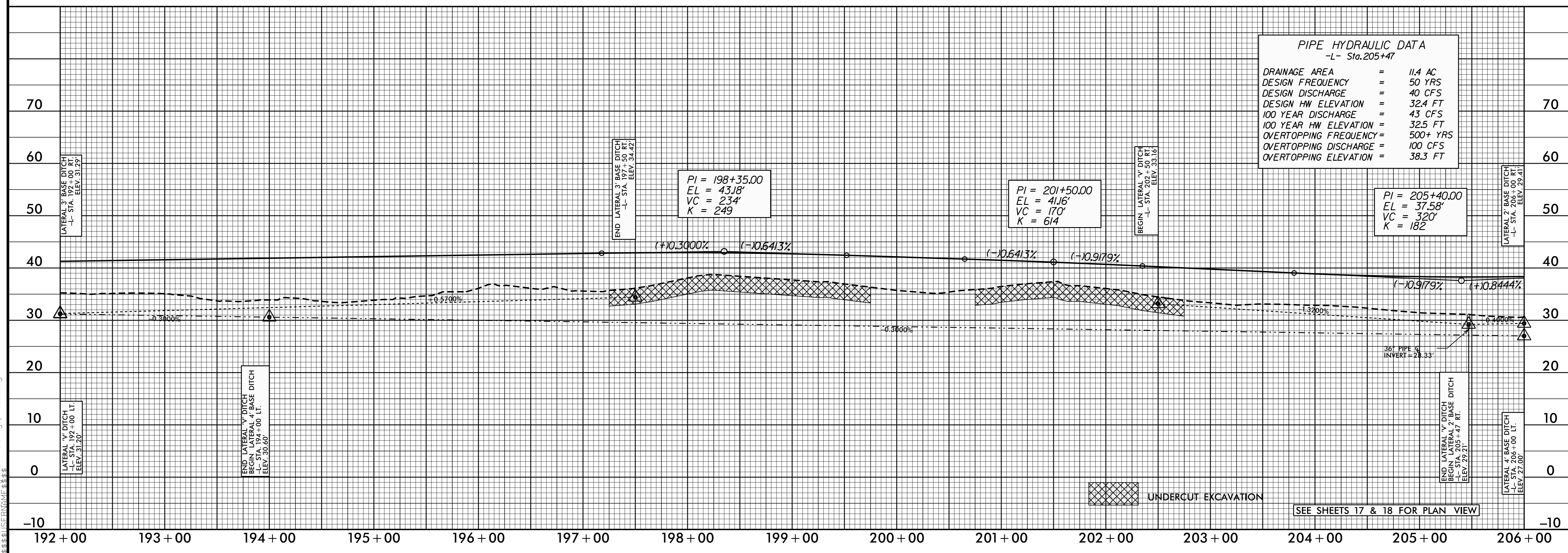
ROADWAY DESIGN ENGINEER
SEAL 033871
4/16/2015
David W. Gardner, Jr.

HYDRAULICS ENGINEER
SEAL 019660
4/16/2015
PAUL W. ATKINSON



PIPE HYDRAULIC DATA
-L- Sta.205+47

DRAINAGE AREA	=	11.4 AC
DESIGN FREQUENCY	=	50 YRS
DESIGN DISCHARGE	=	40 CFS
DESIGN HW ELEVATION	=	32.4 FT
100 YEAR DISCHARGE	=	43 CFS
100 YEAR HW ELEVATION	=	32.5 FT
OVERTOPPING FREQUENCY	=	500+ YRS
OVERTOPPING DISCHARGE	=	100 CFS
OVERTOPPING ELEVATION	=	38.3 FT



16-APR-2015 14:02 192514B_r.dwg p1.30.dgn