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5/28/99

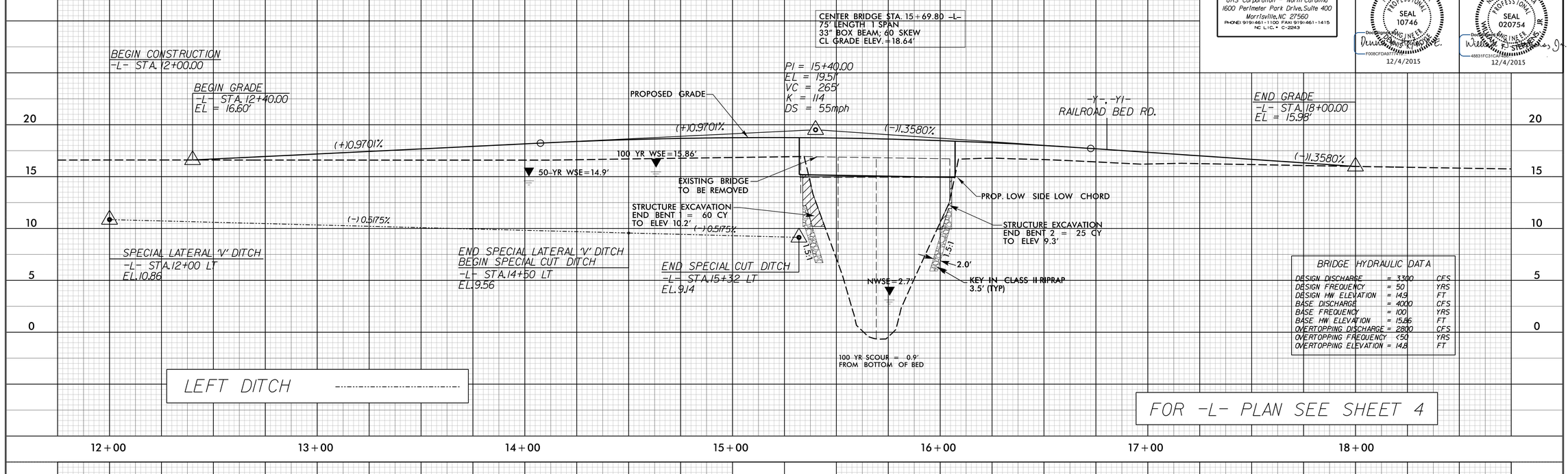
PROJECT REFERENCE NO.	SHEET NO.
17BP.1.R.62	5
WASHINGTON COUNTY BRIDGE NO.930003	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 10746 — DENISE A. WHITAKER — 12/4/2015

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 020754 — WILLIAM D. STEPHENS — 12/4/2015

Prepared by
URS
URS Corporation - North Carolina
1600 Perimeter Park Drive, Suite 400
Morrisville, NC 27560
PHONE: 919-461-1100 FAX: 919-461-1415
NC LIC.# C-2243

-L- (NC 45/99)

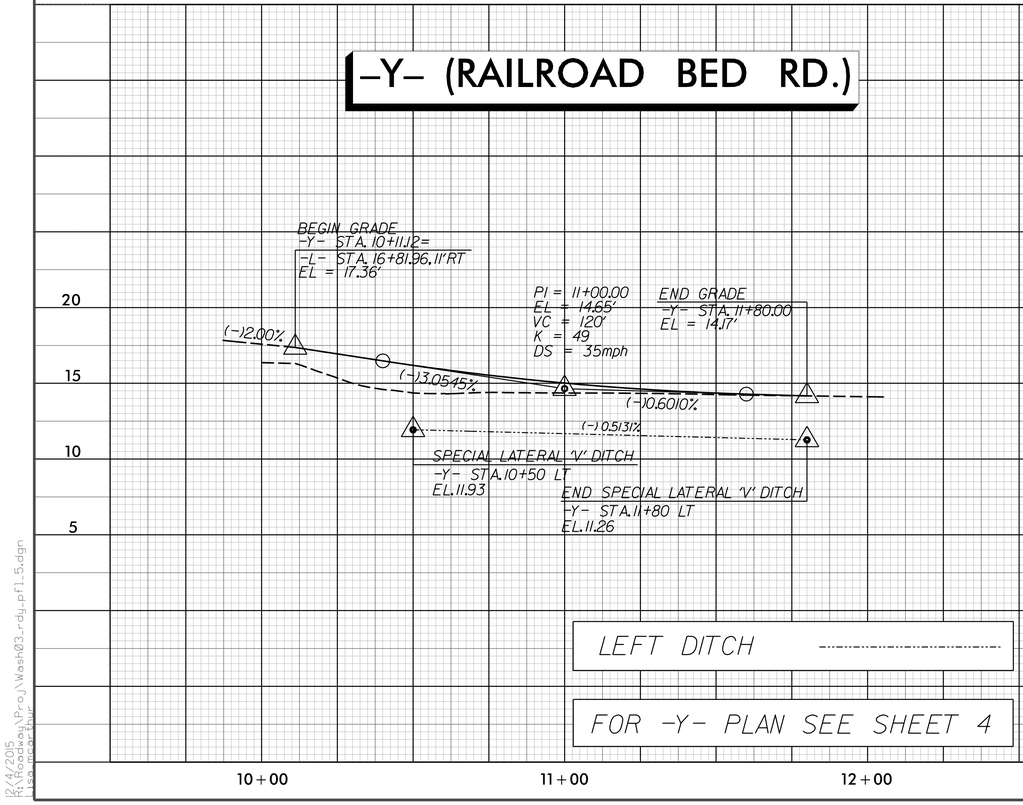


BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	3300	CFS
DESIGN FREQUENCY	=	50	YRS
DESIGN HW ELEVATION	=	14.9	FT
BASE DISCHARGE	=	4000	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	15.86	FT
OVERTOPPING DISCHARGE	=	2800	CFS
OVERTOPPING FREQUENCY	<	50	YRS
OVERTOPPING ELEVATION	=	14.8	FT

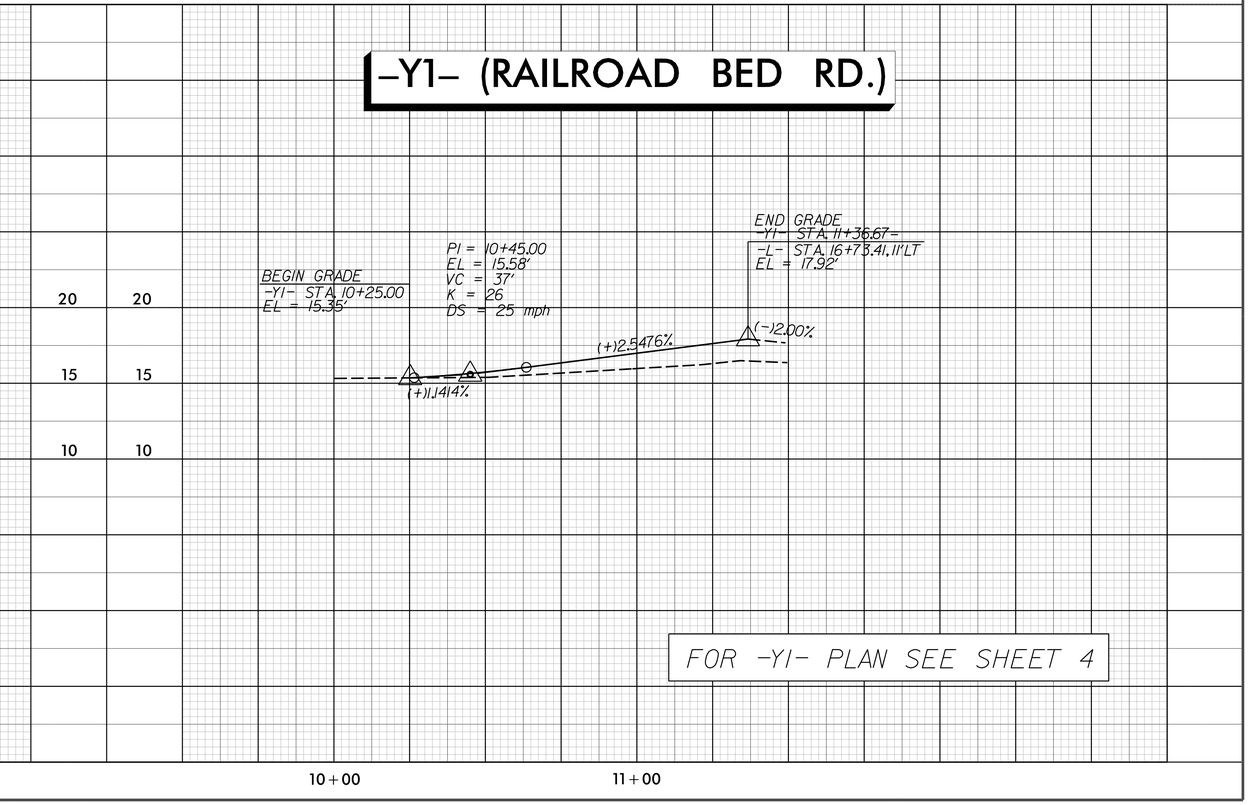
FOR -L- PLAN SEE SHEET 4

-Y- (RAILROAD BED RD.)



FOR -Y- PLAN SEE SHEET 4

-Y1- (RAILROAD BED RD.)



FOR -Y1- PLAN SEE SHEET 4

12/4/2015
R:\Highway\Proj\Wash03_rdy_pf1_5.dgn
jsa mapdhwr