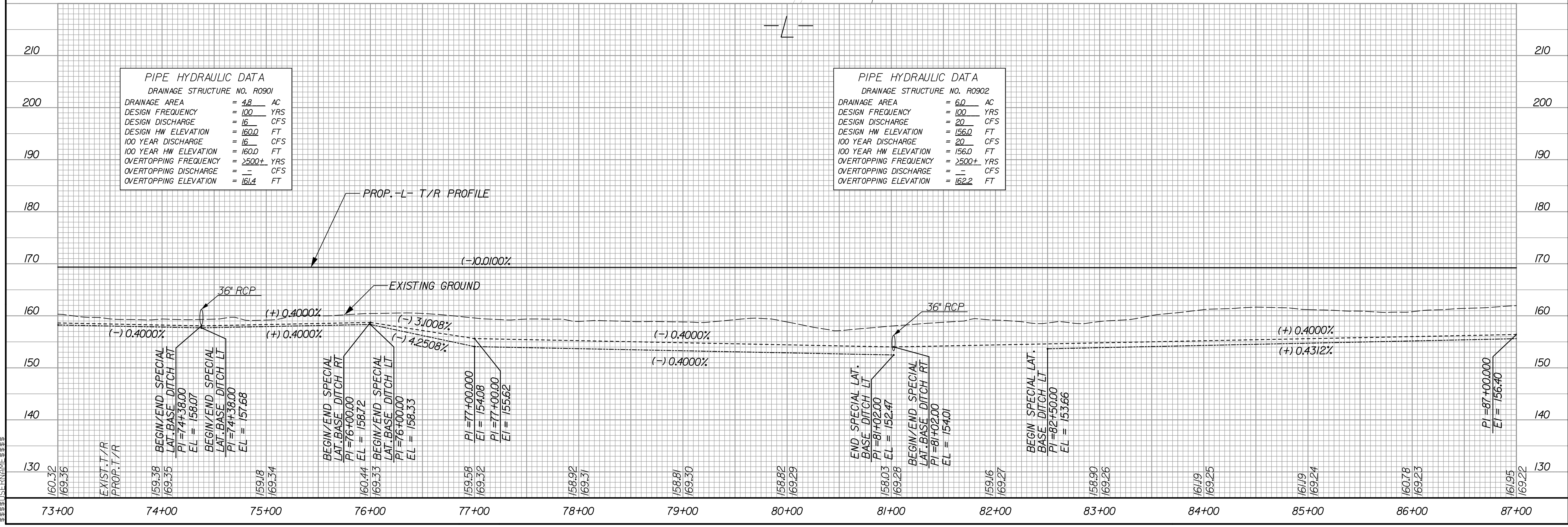
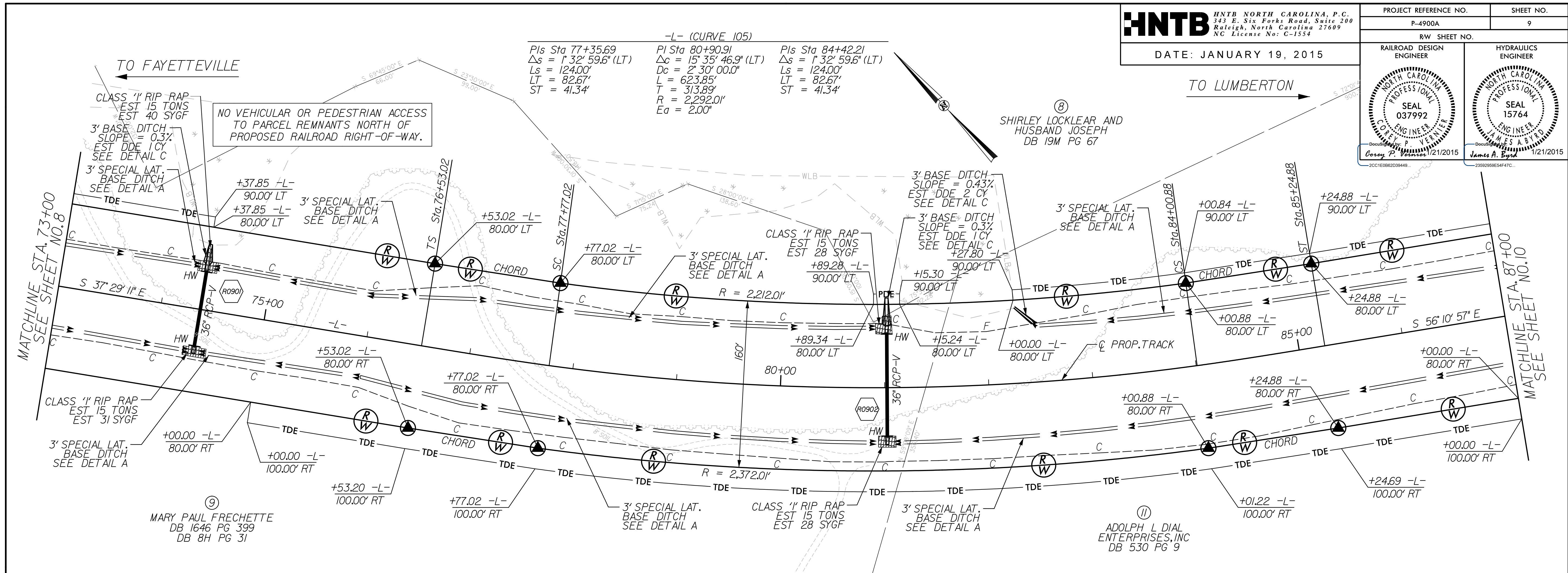


PROJECT REFERENCE NO. P-4900A	SHEET NO. 9
RW SHEET NO.	
RAILROAD DESIGN ENGINEER	HYDRAULICS ENGINEER
Corey P. Vannoy 1/21/2015	James A. Byrd 1/21/2015

DATE: JANUARY 19, 2015



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. R0901

DRAINAGE AREA	= 4.8	AC
DESIGN FREQUENCY	= 100	YRS
DESIGN DISCHARGE	= 16	CFS
DESIGN HW ELEVATION	= 160.0	FT
100 YEAR DISCHARGE	= 16	CFS
100 YEAR HW ELEVATION	= 160.0	FT
OVERTOPPING FREQUENCY	= 2500+	YRS
OVERTOPPING DISCHARGE	= -	CFS
OVERTOPPING ELEVATION	= 161.4	FT

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. R0902

DRAINAGE AREA	= 6.0	AC
DESIGN FREQUENCY	= 100	YRS
DESIGN DISCHARGE	= 20	CFS
DESIGN HW ELEVATION	= 156.0	FT
100 YEAR DISCHARGE	= 20	CFS
100 YEAR HW ELEVATION	= 156.0	FT
OVERTOPPING FREQUENCY	= 2500+	YRS
OVERTOPPING DISCHARGE	= -	CFS
OVERTOPPING ELEVATION	= 162.2	FT

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