

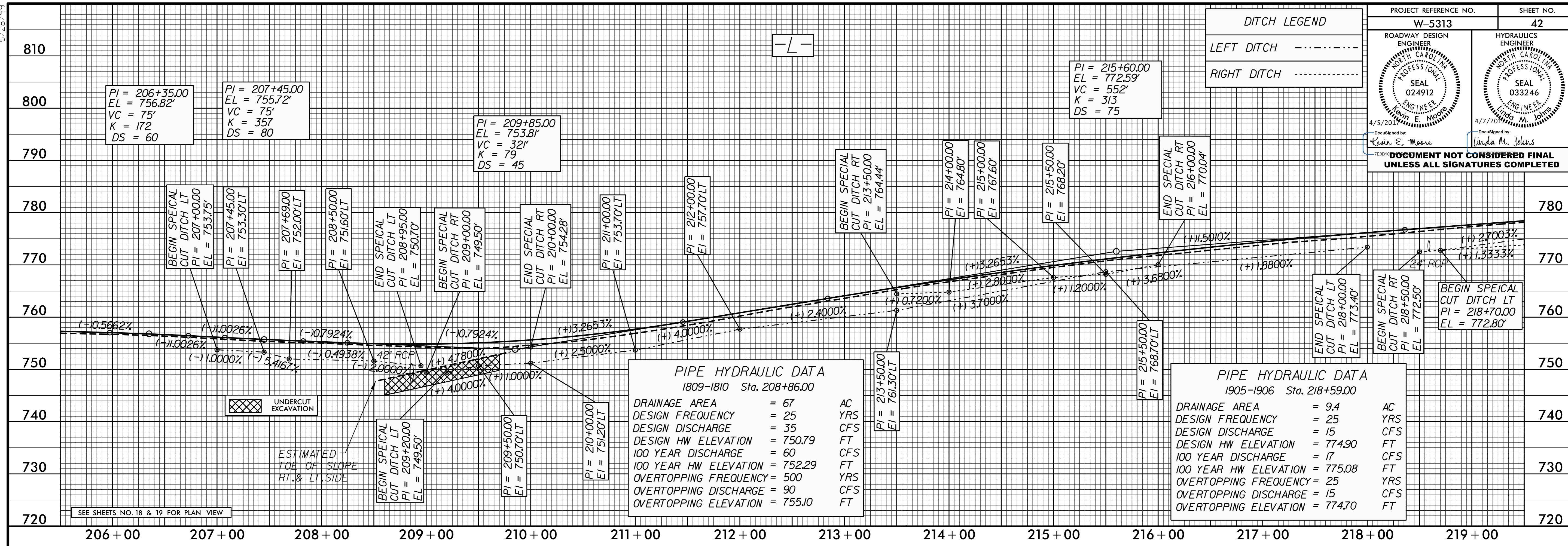
5/28/99

PROJECT REFERENCE NO. <b>W-5313</b>	SHEET NO. <b>42</b>
ROADWAY DESIGN ENGINEER SEAL 024912 Kevin E. Moore 4/5/2017	HYDRAULICS ENGINEER SEAL 033246 Linda M. Johns 4/7/2017
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**DITCH LEGEND**

LEFT DITCH - - - - -

RIGHT DITCH - - - - -

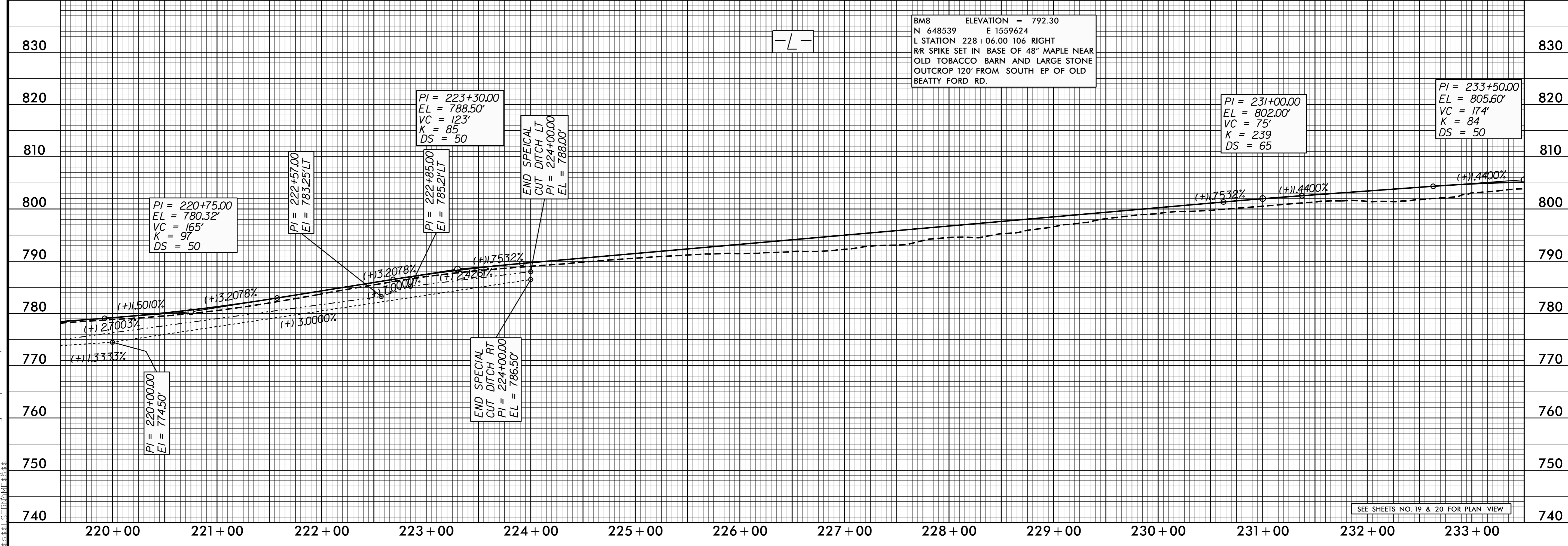


**PIPE HYDRAULIC DATA**  
1809-1810 Sta. 208+86.00

DRAINAGE AREA	= 67	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 35	CFS
DESIGN HW ELEVATION	= 750.79	FT
100 YEAR DISCHARGE	= 60	CFS
100 YEAR HW ELEVATION	= 752.29	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 90	CFS
OVERTOPPING ELEVATION	= 755.10	FT

**PIPE HYDRAULIC DATA**  
1905-1906 Sta. 218+59.00

DRAINAGE AREA	= 9.4	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 15	CFS
DESIGN HW ELEVATION	= 774.90	FT
100 YEAR DISCHARGE	= 17	CFS
100 YEAR HW ELEVATION	= 775.08	FT
OVERTOPPING FREQUENCY	= 25	YRS
OVERTOPPING DISCHARGE	= 15	CFS
OVERTOPPING ELEVATION	= 774.70	FT



BMB ELEVATION = 792.30  
N 648539 E 1559624  
L STATION 228+06.00 106 RIGHT  
RR SPIKE SET IN BASE OF 48" MAPLE NEAR  
OLD TOBACCO BARN AND LARGE STONE  
OUTCROP 120' FROM SOUTH EP OF OLD  
BEATTY FORD RD.

28-MAR-2017 14:27 W:\5313\_Rdwy\pl.psh\_42.dgn