

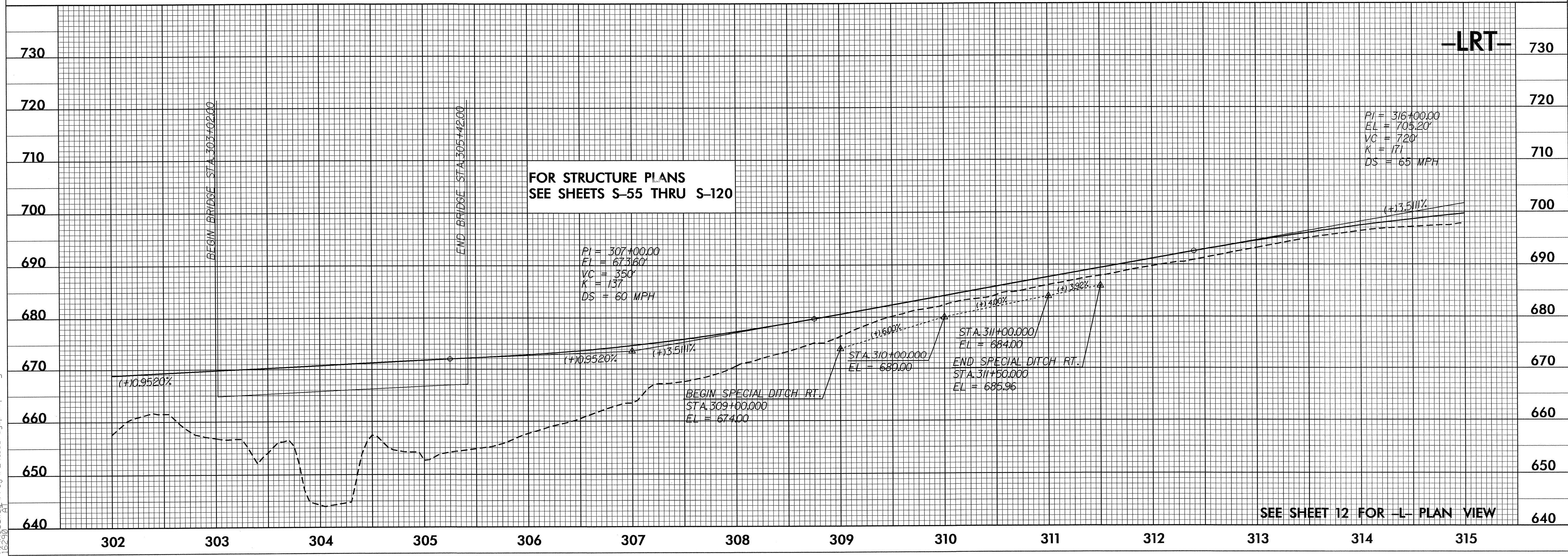
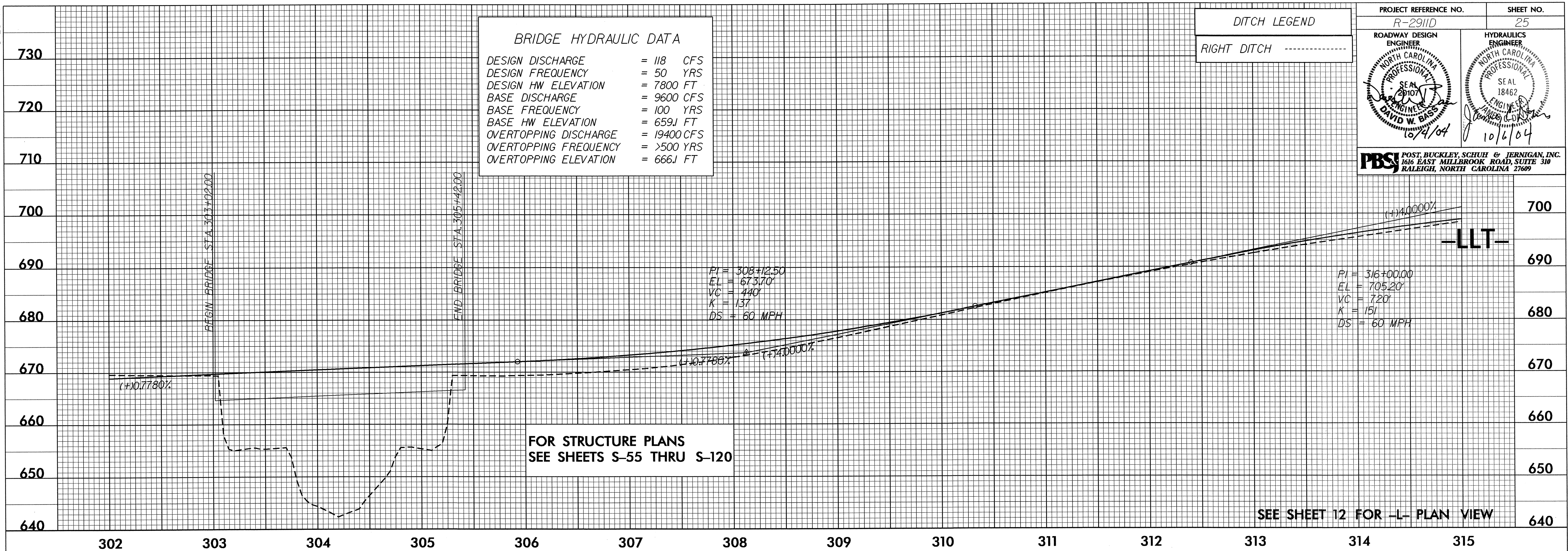
5/28/99

PROJECT REFERENCE NO. R-2911D	SHEET NO. 25
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 18462 DAVID W. BASS 10/4/04	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 18462 JAMES C. DIXON 10/6/04
PBS POST, BUCKLEY, SCHUE & JERNIGAN, INC. 1616 EAST MILLBROOK ROAD, SUITE 310 RALEIGH, NORTH CAROLINA 27609	

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE = 118 CFS
 DESIGN FREQUENCY = 50 YRS
 DESIGN HW ELEVATION = 7800 FT
 BASE DISCHARGE = 9600 CFS
 BASE FREQUENCY = 100 YRS
 BASE HW ELEVATION = 6591 FT
 OVERTOPPING DISCHARGE = 19400 CFS
 OVERTOPPING FREQUENCY = >500 YRS
 OVERTOPPING ELEVATION = 6661 FT

DITCH LEGEND
 RIGHT DITCH - - - - -



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