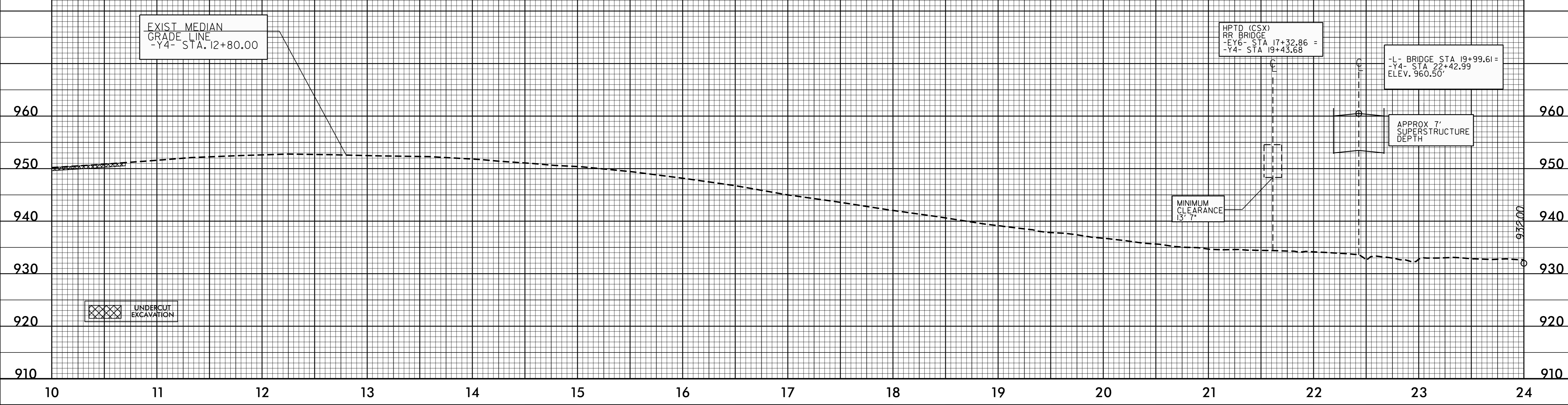


5/28/99

PROJECT REFERENCE NO. B-5114	SHEET NO. 9
ROADWAY DESIGN ENGINEER JAMES SPUR SEAL 014571 4/14/2015	HYDRAULICS ENGINEER ROY D. LOVINGS SEAL 019775 4/14/2015

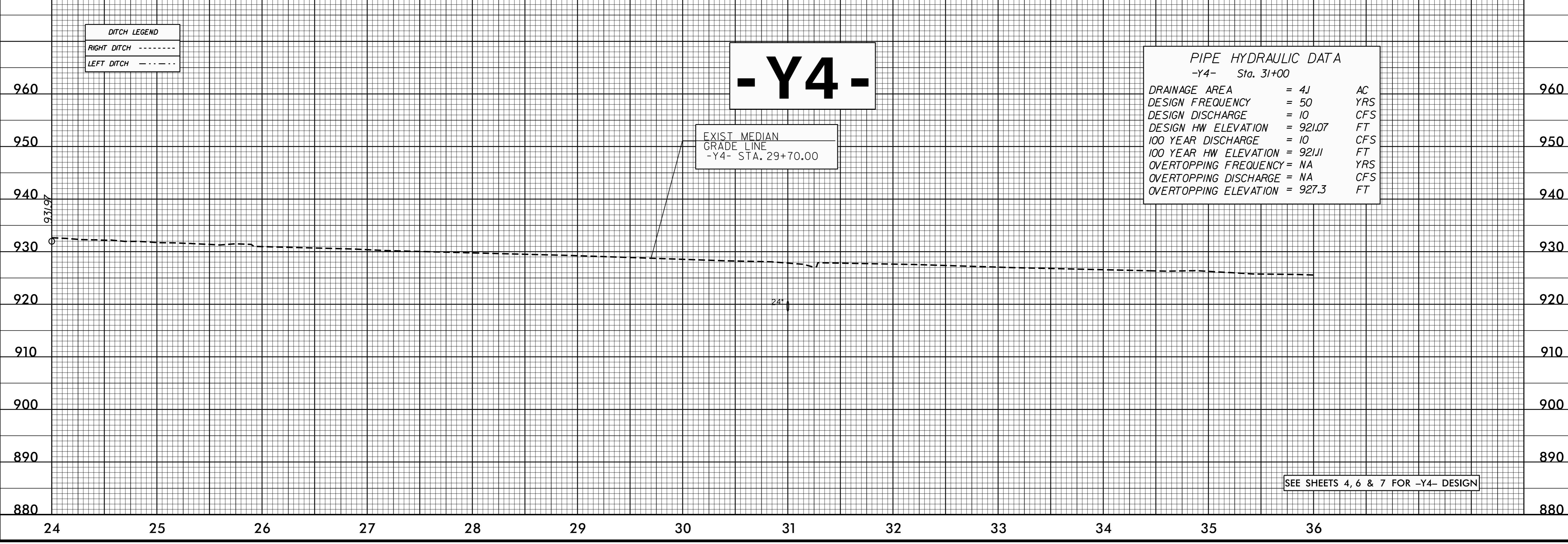
# -Y4-



UNDERCUT EXCAVATION

**DITCH LEGEND**  
 RIGHT DITCH - - - - -  
 LEFT DITCH - - - - -

# -Y4-



**PIPE HYDRAULIC DATA**  
-Y4- Sta. 31+00

DRAINAGE AREA	= 4J	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 10	CFS
DESIGN HW ELEVATION	= 921.07	FT
100 YEAR DISCHARGE	= 10	CFS
100 YEAR HW ELEVATION	= 921.11	FT
OVERTOPPING FREQUENCY	= NA	YRS
OVERTOPPING DISCHARGE	= NA	CFS
OVERTOPPING ELEVATION	= 927.3	FT

SEE SHEETS 4, 6 & 7 FOR -Y4- DESIGN

13-APR-2015 10:00 05114\_Rdy.plt.dgn