

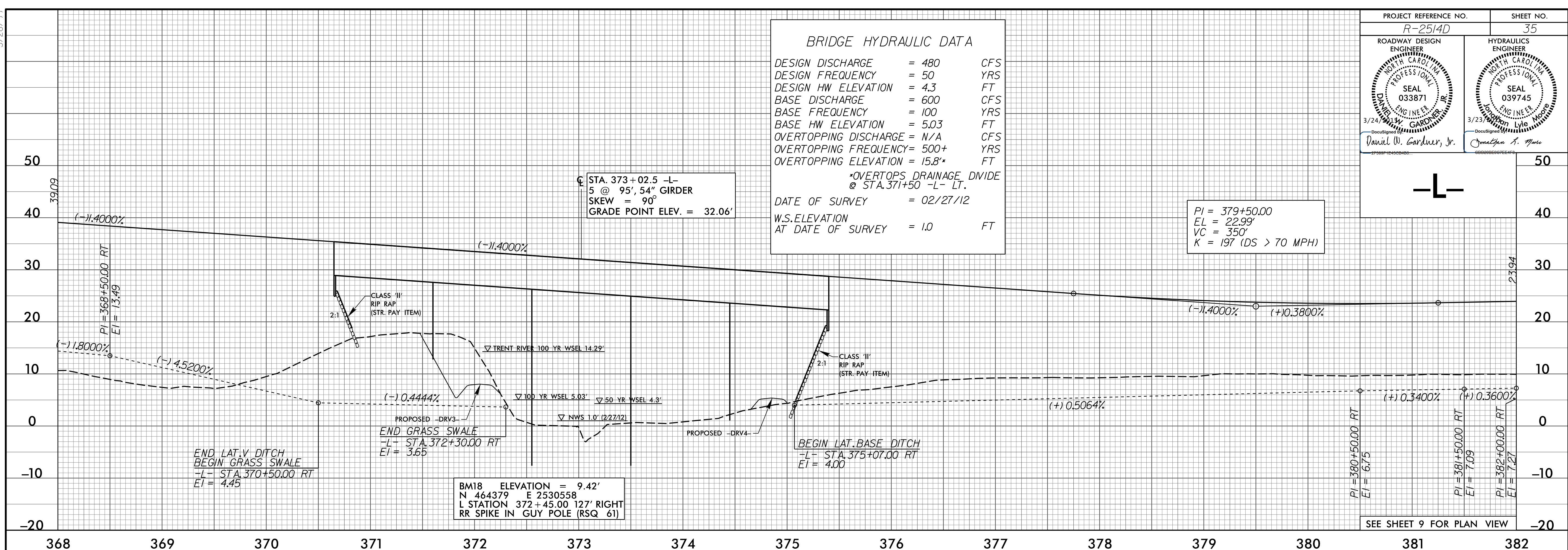
5/28/99

PROJECT REFERENCE NO. R-2514D	SHEET NO. 35
ROADWAY DESIGN ENGINEER DANIEL W. GARDNER, JR. SEAL 033871 3/24/99	HYDRAULICS ENGINEER DANIEL W. GARDNER, JR. SEAL 039745 3/23/99

BRIDGE HYDRAULIC DATA

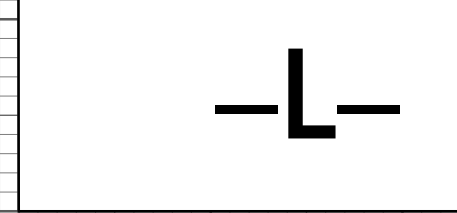
DESIGN DISCHARGE = 480 CFS
 DESIGN FREQUENCY = 50 YRS
 DESIGN HW ELEVATION = 4.3 FT
 BASE DISCHARGE = 600 CFS
 BASE FREQUENCY = 100 YRS
 BASE HW ELEVATION = 5.03 FT
 OVERTOPPING DISCHARGE = N/A CFS
 OVERTOPPING FREQUENCY = 500+ YRS
 OVERTOPPING ELEVATION = 15.8' FT

*OVERTOPS DRAINAGE DIVIDE @ STA. 371+50 -L- LT.
 DATE OF SURVEY = 02/27/12
 W.S. ELEVATION AT DATE OF SURVEY = 1.0 FT



BM18 ELEVATION = 9.42'
 N 464379 E 2530558
 L STATION 372+45.00 127' RIGHT
 RR SPIKE IN GUY POLE (RSQ 61)

PI = 379+50.00
 EL = 22.99'
 VC = 350'
 K = 197 (DS > 70 MPH)



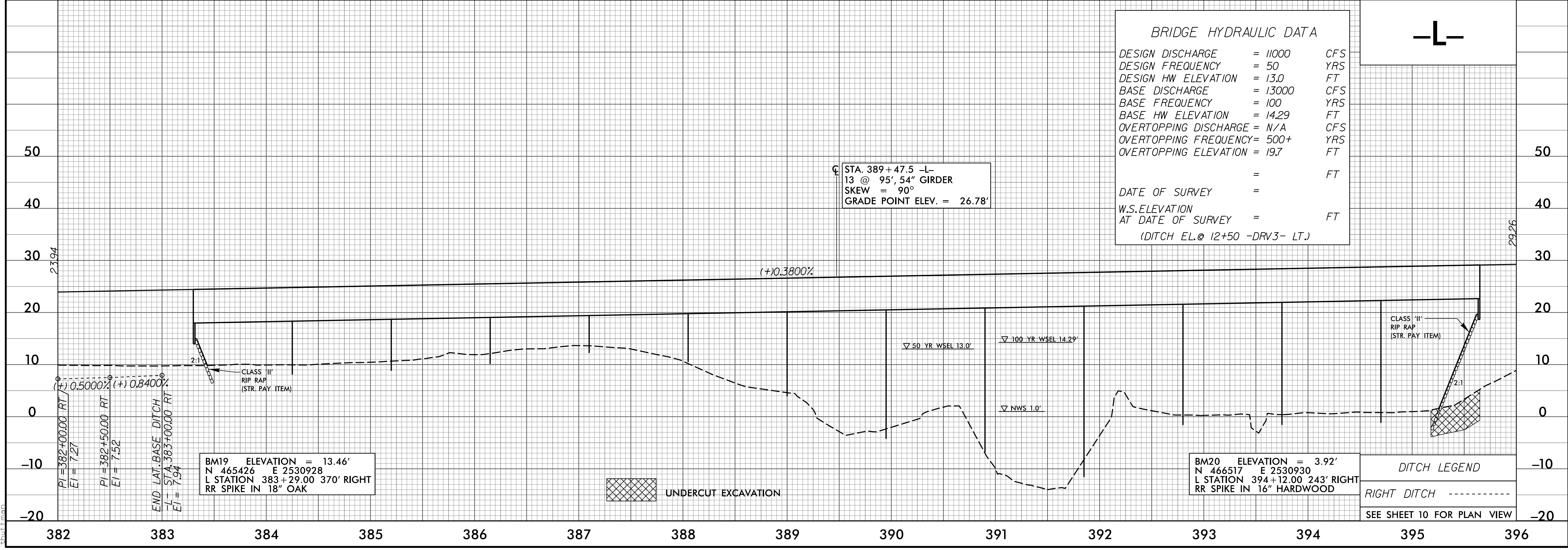
SEE SHEET 9 FOR PLAN VIEW

F:\2012\05\1\Coadd\2514D\Roadway\Proj\2514D_Rdy.plt.dgn
 3/28/2012 10:51:01 AM
 1:10

BRIDGE HYDRAULIC DATA

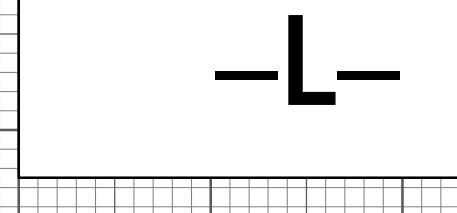
DESIGN DISCHARGE = 11000 CFS
 DESIGN FREQUENCY = 50 YRS
 DESIGN HW ELEVATION = 13.0 FT
 BASE DISCHARGE = 13000 CFS
 BASE FREQUENCY = 100 YRS
 BASE HW ELEVATION = 14.29 FT
 OVERTOPPING DISCHARGE = N/A CFS
 OVERTOPPING FREQUENCY = 500+ YRS
 OVERTOPPING ELEVATION = 19.7 FT

DATE OF SURVEY = FT
 W.S. ELEVATION AT DATE OF SURVEY = FT
 (DITCH EL. @ 12+50 -DRV3- LT.)



BM19 ELEVATION = 13.46'
 N 465426 E 2530928
 L STATION 383+29.00 370' RIGHT
 RR SPIKE IN 18" OAK

BM20 ELEVATION = 3.92'
 N 466517 E 2530930
 L STATION 394+12.00 243' RIGHT
 RR SPIKE IN 16" HARDWOOD



DITCH LEGEND
 RIGHT DITCH - - - - -
 SEE SHEET 10 FOR PLAN VIEW