PROJECT REFERENCE NO.	SHEET NO.
R-2552AB	22

METRIC

ROADWAY DESIGN ENGINEER — SEAL 24912, KEVIN E. MOORE, 3/16/05

HYDRAULICS ENGINEER — SEAL 18533, A.T. NOTTINGHAM, 3/16/05

CONST. REV.

R/W REV.

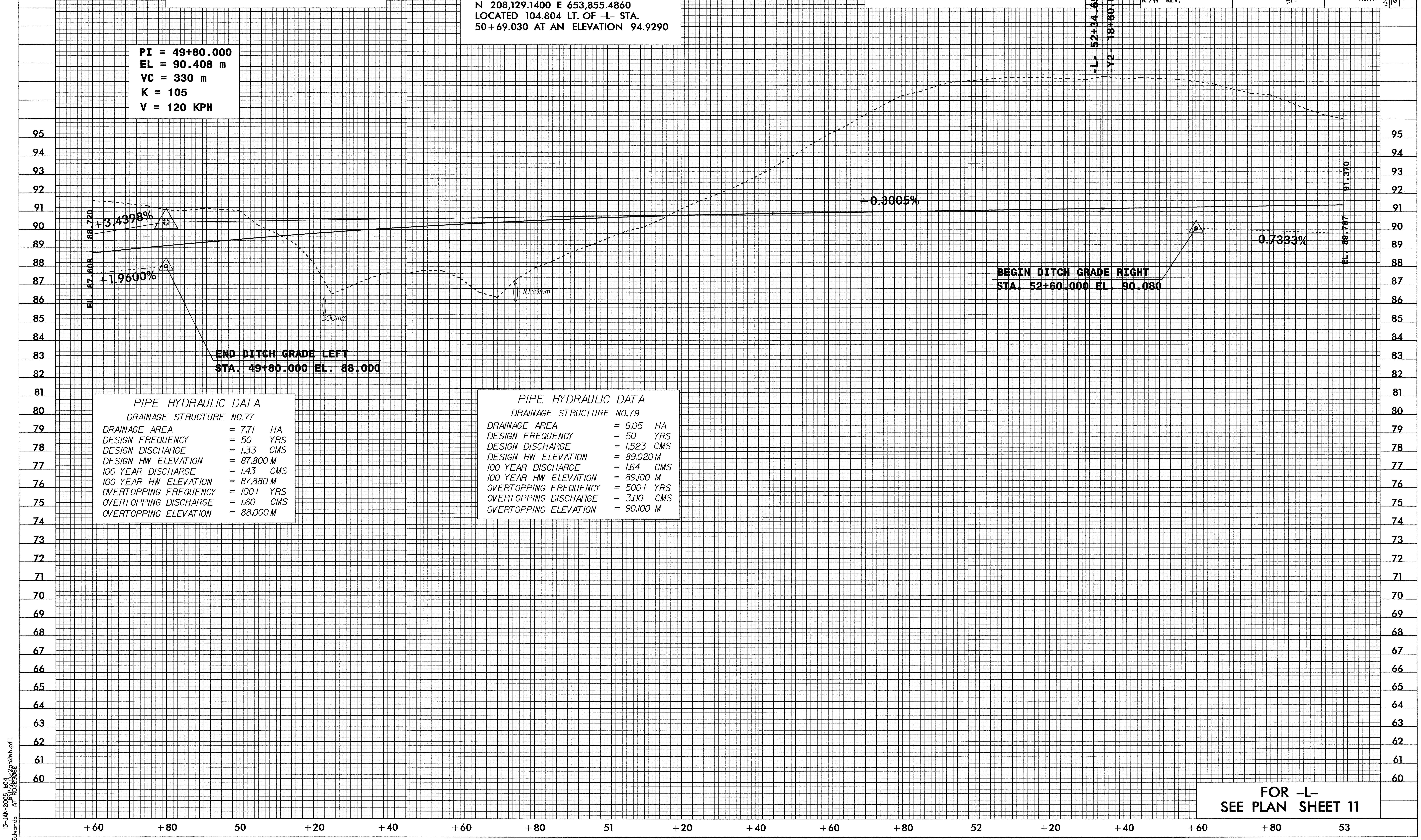
–L– US 70 BYPASS

B.M. BL–736
N 208,148.6140 E 653,755.0580
LOCATED 78.833 LT. OF –L– STA.
49+70.084 AT AN ELEVATION 95.9540

B.M. BL–737
N 208,129.1400 E 653,855.4860
LOCATED 104.804 LT. OF –L– STA.
50+69.030 AT AN ELEVATION 94.9290

B.M. BL–738
N 208,078.7810 E 653,969.6610
LOCATED 108.899 LT. OF –L– STA.
51+93.751 AT AN ELEVATION 95.1590

PI = 49+80.000
EL = 90.408 m
VC = 330 m
K = 105
V = 120 KPH



PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO.77

DRAINAGE AREA	= 7.71 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 1.33 CMS
DESIGN HW ELEVATION	= 87.800 M
100 YEAR DISCHARGE	= 1.43 CMS
100 YEAR HW ELEVATION	= 87.880 M
OVERTOPPING FREQUENCY	= 100+ YRS
OVERTOPPING DISCHARGE	= 1.60 CMS
OVERTOPPING ELEVATION	= 88.000 M

PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO.79

DRAINAGE AREA	= 9.05 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 1.523 CMS
DESIGN HW ELEVATION	= 89.020 M
100 YEAR DISCHARGE	= 1.64 CMS
100 YEAR HW ELEVATION	= 89.100 M
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 3.00 CMS
OVERTOPPING ELEVATION	= 90.100 M

FOR –L–
SEE PLAN SHEET 11

13-JAN-2005 HEdwards