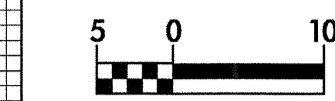


6/09/05

# SERVICE RD.-B-



PROJECT REFERENCE NO. R-2552AB	SHEET NO. 32
ROADWAY DESIGN ENGINEER VIN E. MOORE 3/16/05	HYDRAULICS ENGINEER VIN E. MOORE 3/16/05

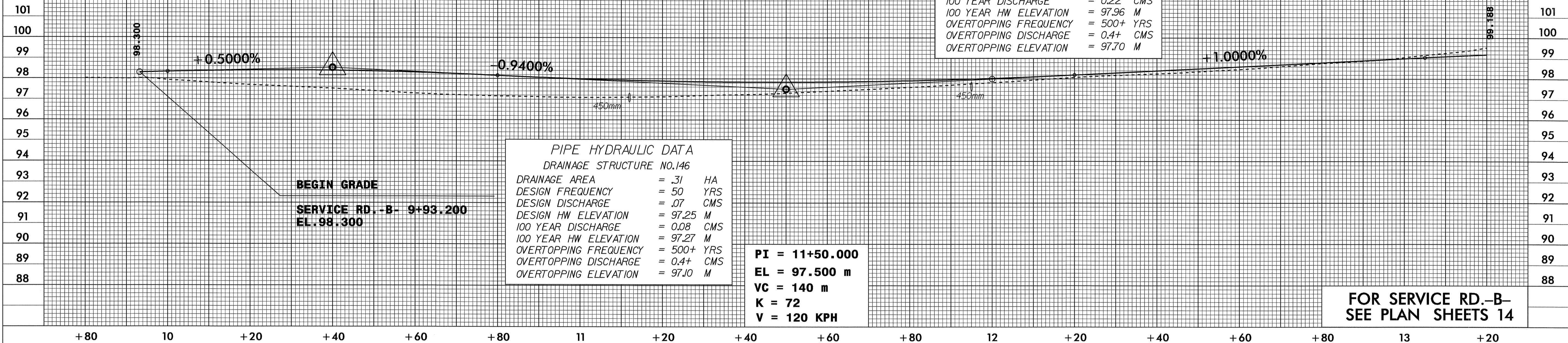


CONST. REV.  
R / W REV.

PI = 10+40.000  
EL = 98.534 m  
VC = 80 m  
K = 56  
V = 100 KPH

PIPE HYDRAULIC DATA  
DRAINAGE STRUCTURE NO.149

DRAINAGE AREA	= .88	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.19	CMS
DESIGN HW ELEVATION	= 97.91	M
100 YEAR DISCHARGE	= 0.22	CMS
100 YEAR HW ELEVATION	= 97.96	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 0.4+	CMS
OVERTOPPING ELEVATION	= 97.70	M



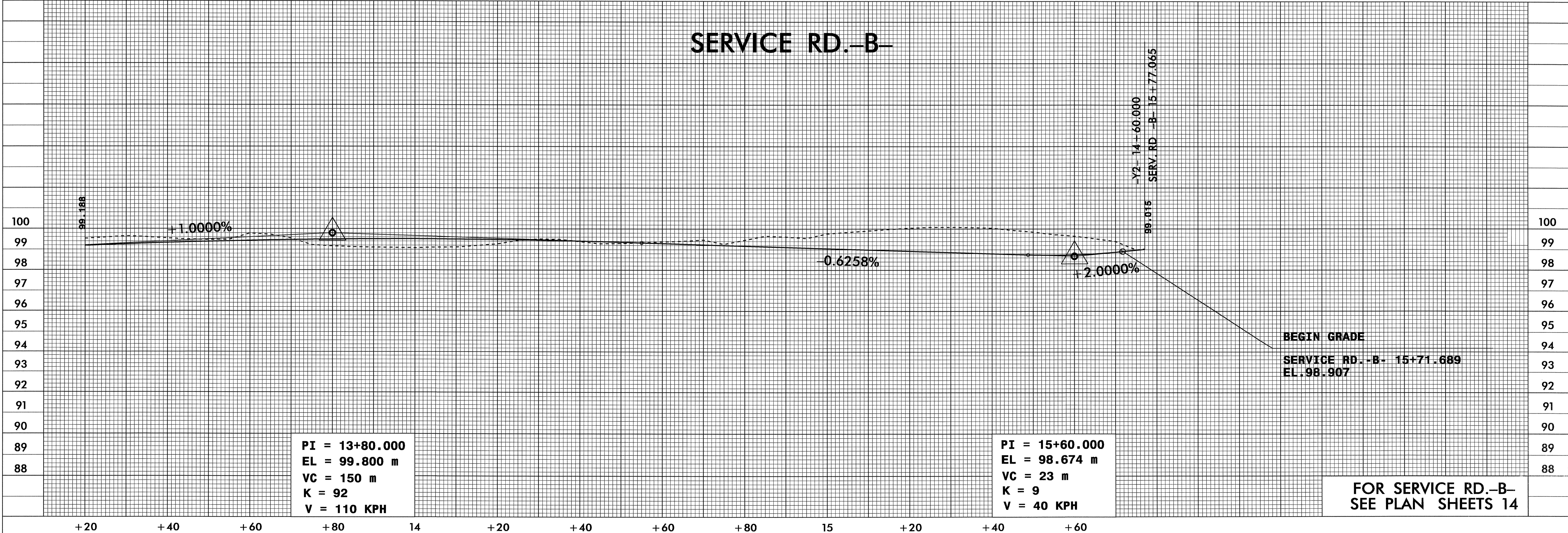
PIPE HYDRAULIC DATA  
DRAINAGE STRUCTURE NO.146

DRAINAGE AREA	= .31	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= .07	CMS
DESIGN HW ELEVATION	= 97.25	M
100 YEAR DISCHARGE	= 0.08	CMS
100 YEAR HW ELEVATION	= 97.27	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 0.4+	CMS
OVERTOPPING ELEVATION	= 97.10	M

PI = 11+50.000  
EL = 97.500 m  
VC = 140 m  
K = 72  
V = 120 KPH

FOR SERVICE RD.-B-  
SEE PLAN SHEETS 14

# SERVICE RD.-B-



PI = 13+80.000  
EL = 99.800 m  
VC = 150 m  
K = 92  
V = 110 KPH

PI = 15+60.000  
EL = 98.674 m  
VC = 23 m  
K = 9  
V = 40 KPH

FOR SERVICE RD.-B-  
SEE PLAN SHEETS 14

13-JAN-2005 11:08 AM HEChenrds A:\R2552ab\p1