



CONST. REV.
R /W REV.

-Y16A-

BEG GRADE
-Y16A- 10+14.200 =
-L- 93+40.000
14.2m LT
ELEV 143.552

END GRADE
-Y16A- 10+55.548 =
-Y16- 13+30.549
2.601m RT
ELEV 141.927

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.87A

DRAINAGE AREA	= 1.2 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 0.21 CMS
DESIGN HW ELEVATION	= 141.95 M
100 YEAR DISCHARGE	= 0.23 CMS
100 YEAR HW ELEVATION	= 141.98 M
OVERTOPPING FREQUENCY	= 100+/- YRS
OVERTOPPING DISCHARGE	= 0.23 CMS
OVERTOPPING ELEVATION	= 142.00 M

PI = 10+50.548
EL = 141.830 m
VC = 10 m
K = 2

-4.7375%
+1.9400%

750mm

10 +20 +40

-Y17-

BEG GRADE
-Y17- 10+15.257 =
-L- 106+69.476
(14.2m LT)
ELEV 165.243

END GRADE
-Y17- 10+60.000 =
ELEV 164.652
INCLUDES 60 mm RESURFACING

FEATHER RESURF TO
EXIST AT -Y17- 10+70
END CONST.

-2.0117%
+0.0466%

PI = 10+44.983
EL = 164.645 m
VC = 30 m
K = 15

10 +20 +40 +60 +80 11

10/26/08
23-OCT-2003 14:08
Y:\Inroad at R0108852