

B.M. #1 ELEV. = 108.58
4400' RT. OF -BL- STA. 10+15.80
RR SPIKE SET IN 12" MAPLE

BEGIN PROJECT
-L- STA. 12+50.00
ELEV. = 111.03
(INCLUDES 2.5" RESURFACING)
PI = 14+25.00
EL = 110.28'
VC = 200'
K = 232

BEGIN PROP. BRIDGE
-L- STA. 15+90.00
ELEV. = 110.93

END PROP. BRIDGE
-L- STA. 17+05.00
ELEV. = 110.80

PI = 18+60.00
EL = 109.74'
VC = 200'
K = 254

END PROJECT
-L- STA. 20+50.00
ELEV. = 109.85
(INCLUDES 2.5" RESURFACING)

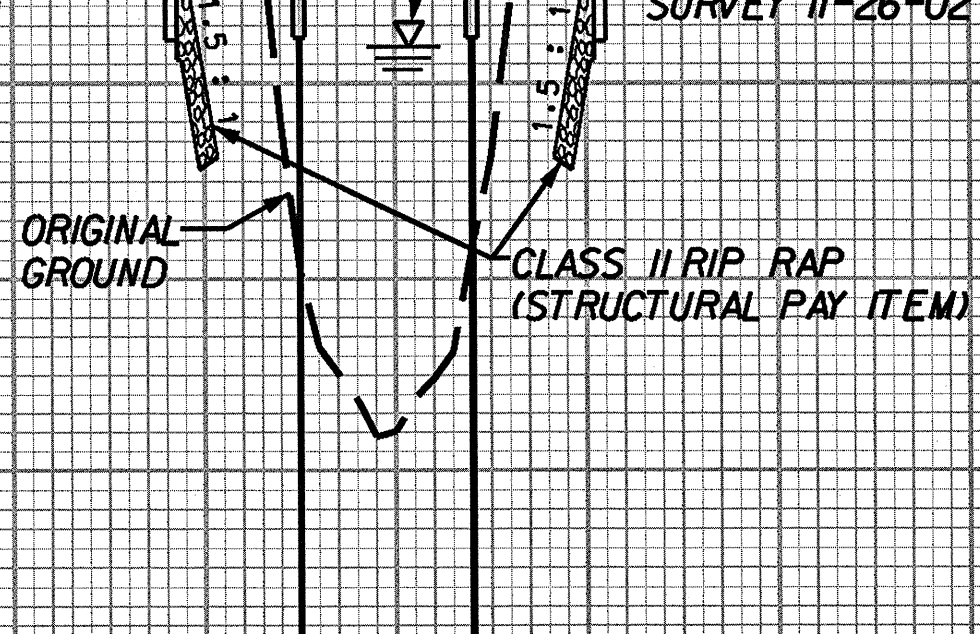
-10.4267% +10.4360%

PROPOSED GRADE
-10.7278%
WS EL = 105.9'
SURVEY 11-26-02

+10.0600%

PI = 16+50.00
EL = 111.26'
VC = 200'
K = 172

30" RCP



PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO.1	
DRAINAGE AREA	= 8.3 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 23.4 CFS
DESIGN HW ELEVATION	= 107.28 FT
100 YEAR DISCHARGE	= 25.1 CFS
100 YEAR HW ELEVATION	= 107.38 FT
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 41.0 CFS
OVERTOPPING ELEVATION	= 108.95 FT

STRUCTURE HYDRAULIC DATA	
DESIGN DISCHARGE	= 2640 CFS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 110.8 FT
BASE DISCHARGE	= 3370 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 111.7 FT
OVERTOPPING DISCHARGE	= 2000 CFS
OVERTOPPING FREQUENCY	= 10+ YRS
OVERTOPPING ELEVATION	= 109.8 FT

-L-
(FOR PLAN, SEE SHEET NO. 4)

10 11 12 13 14 15 16 17 18 19 20 21 22 23
 80 90 100 110 120