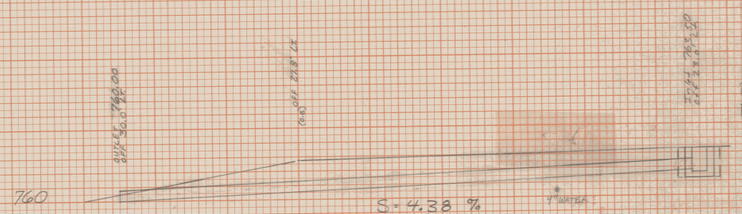
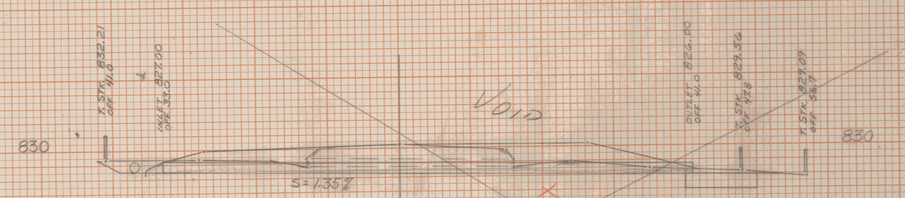
FINAL SURVEY — NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE



117+25 ~ 118+06 Lt.
18" x 80' ~~PCCSP~~ (.064) w/ RCD I @ Inlet
CSP
Book 2 Page 70 (DS 17)

Trench Earth
Pipe 0'-5" = 246 # x 3.6' x 1/27 = 32.8 c.y.
D.T. 0'-5" = 6" x 6' x 4' x 1/27 = 5.3 c.y.
Total Trench Earth = 38.1 c.y.
S.G.N. 8.5.91



134+69 @ 90°
18" x 74' PCCSP (.064) w/ ES @ Inlet
Remove Existing 12" CGMP (Common Trench)
Book 2A Page 60 (DS 45)

THIS PIPE ELIMINATED
11-12-91 DEB

Trench Earth
Pipe 0'-5" = 149 # x 3.6' x 1/27 = 19.9 c.y.
11-12-91 DEB

Structure Excavation
100 % S.E. Pipe = ~~186~~ 207 # x 10.75' x 1/27 = 82.4 ~~74.1~~ c.y.
150 % S.E. Pipe = ~~28~~ 31 # x 10.75' x 1.5 x 1/27 = ~~16.7~~ 17.4 c.y.
100 % S.E. left H.W. = 19 # x 14.75' x 1/27 = 10.4 c.y.
150 % S.E. left H.W. = ~~20~~ 21.5 # x 14.75' x 1.5 x 1/27 = ~~8.2~~ 2.0 c.y.
100 % S.E. Right H.W. = ~~12~~ 13 # x 10.75' x 1/27 = ~~4.8~~ 4.4 c.y.
150 % S.E. Right H.W. = ~~4~~ # x 10.75' x 1.5 x 1/27 = ~~2.4~~ c.y.
Total Structure Excavation = ~~116.6~~ c.y.
106.6 cy
Pay 107 cy
11-12-91 DEB
S.G.N. 9.24.91

Granular Backfill for Structures
Pipe = 28' x 2' x 10.75' x 1/27 = 22.3 c.y.
H.W. Left = 5' x 3' x 14.75' x 1/27 = 8.2 c.y.
H.W. Right = 4' x 2' x 10.75' x 1/27 = 3.2 c.y.
Total Granular Backfill for Structures = 33.7 c.y.
11-12-91 DEB

TROY RS 0311 (1)
DRAINAGE SHEET #17

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

3/2 DRAIN