

METROPOLITAN SEWERAGE PROJECT

BUREAU OF PUBLIC WORKS

THE METROPOLITAN DISTRICT

File _____

Computed by *R.W. Loomis*Date *May 8 1937*

Checked by _____

Date _____

Branch of Project: Foot bridge by R.R. Sta.

Subject: Based on estimated Dimensions & Sketches
without complete Drawings or design

$$24' \times 8' \times 4' = 768$$

$$+ 2 \times 11' \times 10' = 220$$

$$(3.5' \times 3' + 7 \times 2') \times 5' = 5' \times 69' = 345$$

$$1266 \text{ C.F. in. Frame } \times 2 = 2532 \text{ C.F.}$$

$$\text{Floor } 6' \times 5' \times 8.9' \times 10.6' = 424$$

$$\begin{aligned} \text{S. Stairs } 8' \times 1.0' \times 2.7' &= 216 \\ + 10' \times 1.3' \times 1' &= 130 \\ 8' \times 1.0' \times 8' &= 64 \\ 8' \times 1.0' \times 8' &= 64 \\ 21' \times 8' \times 2' &= \end{aligned}$$

$$\begin{aligned} \text{Walkway } 10.4' \times 5' \times 8' &= 416 \\ \text{Beams } 6.0' \times 10.4' &= 104 \\ \text{Posts} &= 336 \end{aligned}$$

$$1.0' \times 1.0' \times 8' \times 2.0' = 160$$

$$\text{Footings } 2' \times 3.0' \times 10.0' = 60$$

$$4' \times 2' = 80$$

$$24' \times 4' = 96$$

$$H, 682 \text{ C.F.}$$

$$\begin{aligned} \text{Railing } 22 \\ 192 \\ 22 \end{aligned}$$

$$236 \text{ L.F. @ } 2.150$$

$$173 \text{ C.Y. @ } 300 = 51900$$

$$21,600 @ 5\frac{1}{2}\% = 1190$$

Railing

$$580$$

$$695.0$$

$$\text{Contingencies } 25\%$$

$$1730$$

$$8680$$

This is to be considered as an
approximate cost - from a sketch only.

Summary gets 7000 +

allow \$10000

See drawings by
Simonson

W.S.B. May 8-37