

OFFICE OF F. A. MOLITOR,

35 Nassau Street,

New York.

Estimate Circular #2.

November 13, 1913.

NEW YORK, PITTSBURGH & CHICAGO RAILWAY

SURVEYS.

Unit Prices for Estimating Cost of Construction.

Variable Quantities.

Clearing and Grubbing	\$75. per acre
Earth Excavation	25¢ per cub. yd.
Loose rock excavation	40¢ " " "
Solid rock "	75¢ " " "
a. Overhaul, beyond 500' free haul, for first 4000'	4¢ " " "
Between 4000' and 8000'	6¢ " " "
" 8000' and 12,000'	8¢ " " "
For all additional distance of each 4000'	
or any fraction thereof,	2¢ " " "
Rip rap and slope wall	\$2. " sq. ft.
Retaining walls, dry rubble	\$4.00 per cub. yd.
b. Double track tunnels, all lined:	
Tunnel excavation	\$3.75 " " "
Concrete lining	\$10.00 " " "
Shaft excavation	\$13.00 " " "
Substructure of masonry or concrete	\$8. " " "
Arch culverts, including centres	\$10. " " "
Superstructure, erected	3½¢ " lb.
Foundations:	
Grillage	\$1.50 " sq. ft.
Caissons, pneumatic work	\$25. " cub. yd. of displacement.
Caissons open and covered dams	\$6. per cub. yd. of displacement.
Viaducts, steel, not over 75' high	\$110. per lin. ft.
" " between 75 and 150' high	\$150. " " "
" " over 150' high	\$200. " " "
" reinforced concrete	\$5. " sq. ft. ?