

excavation a stick of timber 8 feet long, placed lengthwise of the pipe, was bolted to each pile, forming an anchor or dead man. The anchor piles were spaced longitudinally 15 feet apart and the filling carried up to the level of the top of the pipe.

The cost of the steel pipe delivered in Toronto was \$14.48 per linear foot. The cost of each expansion joint was \$586.00; the 6-foot flexible joint \$400.00; the 6-foot valves \$1,580.00 each; the 5-foot valves \$1,020.00 each. The cost of the pipe includes the cost of some seven or eight manholes and two branches. The contract price for laying it was \$84,745.00.