



**CONCEPTUAL ENGINEER'S OPINION OF PROBABLE COST FOR
LAYNE BLVD. - WATER MAIN REPLACEMENT**

Revised 04/21/2021

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY CALCULATED	UNIT PRICE	AMOUNT
HARD COSTS & CONSTRUCTION COSTS					
1	10" C-900 PVC Water Main Pipe (F&I)	LF	4,800	\$70.00	\$336,000.00
2	10-inch Water Main Fittings, Restraints and Valves (F&I)	LF	4,800	\$25.00	\$120,000.00
3	Cap/Grout and Abandon Existing 8" Water Main (if necessary restrain existing 8" water main segment to remain at all tie-ins)	LF	4,800	\$25.00	\$120,000.00
4	Bacteriological Testing and Sample Points	EA	6	\$550.00	\$3,300.00
5	Disinfection of New Water Main	LF	4,800	\$3.50	\$16,800.00
6	Testing of Water Main (10" & 8") – including all incidental temporary or permanent appurtenances necessary to perform the required pressure and/or bacteriological testing in accordance with FDEP and City of Hallandale Beach	LS	1	\$40,000.00	\$40,000.00
6	Pavement Restoration (F&I) within City R-O-W - 10-ft wide	SY	5,222	\$35.00	\$182,777.78
7	Pavement Restoration (F&I) within FDOT R-O-W (Hallandale Beach) with M&R 50-ft on each approach	SY	1,111	\$25.00	\$27,777.78
8	Pavement Markings Restoration	LS	1	\$12,000.00	\$12,000.00
SUBTOTAL					\$858,655.56
SUBTOTAL BASE HARD COSTS & CONSTRUCTION COST					\$858,655.56
CONTINGENCY (25%)					\$214,663.89
MOBILIZATION (10%)					\$85,865.56
MOT (7%)					\$60,105.89
CONSTRUCTION SURVEYING/STAKE-OUT/AS-BUILT (5%)					\$42,932.78
CONSTRUCTION MATERIALS TESTING (4%)					\$34,346.22
TOTAL HARD COSTS & CONSTRUCTION COST					\$1,296,569.89
CONSTRUCTION MANAGEMENT AND CEI					N/A
GRAND TOTAL					\$1,296,569.89

NOTES:

1. All Quantities are approximate and are not based on any plans.
2. The locations and sizes of the existing utilities are based on very preliminary information at the time the proposal was prepared and cannot be guaranteed for their accuracy.
3. The estimate (whole or partial) is for informational and budget purposes only and it is non-binding.
4. The unit prices considered in this estimate were obtained from various sources (including FDOT Item Avg. Costs, and recent other Municipal projects). Unit Prices are not guaranteed.