

CITY OF ORLAND
PRELIMINARY ENGINEER'S ESTIMATE OF QUANTITIES & COSTS
EAST SWIFT STREET WATER AND SEWER PROJECT
NOVEMBER, 2024

ITEM	DESCRIPTION	QUANTITY	UNIT COST	AMOUNT
1.	Mobilization/demobilization	1 LS	\$ 20,000.00 /LS	\$ 20,000.00
2.	Remove concrete curb	180 LF	\$ 7.00 /LF	\$ 1,260.00
3.	Remove concrete flatwork	900 SF	\$ 5.00 /SF	\$ 4,500.00
4.	Install City Std 202 vertical curb	180 LF	\$ 45.00 /LF	\$ 8,100.00
5.	Install City Std 204 sidewalk	900 SF	\$ 10.00 /SF	\$ 9,000.00
6.	Install City Std 106 Type "A" trench restoration	15,000 SF	\$ 8.00 /SF	\$ 120,000.00
7.	Install 8" dia. water main	1,450 LF	\$ 130.00 /LF	\$ 188,500.00
8.	Connect to existing water main	4 EA	\$ 10,000.00 /EA	\$ 40,000.00
9.	Install 8" dia. gate valve	8 EA	\$ 4,000.00 /EA	\$ 32,000.00
10.	Connect to existing water service	33 EA	\$ 2,500.00 /EA	\$ 82,500.00
11.	Install 8" Dia. sewer main	1,450 LF	\$ 130.00 /LF	\$ 188,500.00
12.	Install City Std 406 sewer manhole	5 EA	\$ 10,000.00 /EA	\$ 50,000.00
13.	Install new sewer later & connect to existing service	33 EA	\$ 7,500.00 /EA	\$ 247,500.00
14.	City Std 301 fire hydrant	3 EA	\$ 17,000.00 /EA	\$ 51,000.00
15.	Adjust valve cover to finish grade	5 EA	\$ 1,250.00 /EA	\$ 6,250.00
16.	Hydrostatic testing and disinfection	1 LS	\$ 15,000.00 /LS	\$ 15,000.00
17.	Potholing and utility coordination	1 LS	\$ 50,000.00 /LS	\$ 50,000.00

Subtotal: \$ 1,114,110.00

Construction Contingency (10%): \$ 111,411.00

Construction Engineering (15%): \$ 167,116.50

Total: \$ 1,392,637.50



Paul W. Rabo

Paul W. Rabo
R.C.E. 72209
Registration Expires: 06-30-26

Date: November, 2024

The above Preliminary Engineer's Estimate of Construction Quantities and Costs, Engineering Costs, and Fees is based on the following assumptions:

1. The unit costs are based on the construction of improvements conforming to the City of Orland construction standards.
2. No existing utilities are required to be relocated.

The following items were not included in this estimate:

1. Fees for the design and preparation of improvement plans.
2. Construction staking.