

Detailed Listing of the Opinion of Probable Project Cost

Prepared by: PEI



Project: Orchard Woods - Onsite Water

PEI # 211142

Last Revised January 18, 2023

By: KAD/DEU

PHELPS ENGINEERING, INC

Notes: 2023 Construction Dollars

	<u>Item Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Item Total</u>
1	8" C-900 PVC*	2376	L.F.	\$65.00	\$154,440.00
2	8"x8"x8" Tee	4	Each	\$600.00	\$2,400.00
3	8" Gate Valve	12	Each	\$3,100.00	\$37,200.00
4	Valve Box, Cover, & Lid	4	Each	\$525.00	\$2,100.00
5	Tap Ex. 8" Main	1	Each	\$1,000.00	\$1,000.00
6	8" 11.25° Bend W/ Horizontal Thurst Block	12	Each	\$500.00	\$6,000.00
7	8" 22.5° Bend W/ Horizontal Thurst Block	1	Each	\$500.00	\$500.00
8	8" 45° Bend W/ Horizontal Thurst Block	3	Each	\$500.00	\$1,500.00
9	8" 90° Bend W/ Horizontal Thurst Block	1	Each	\$500.00	\$500.00
10	8" 45° Bend W/ Vertical Thurst Block	14	Each	\$500.00	\$7,000.00
11	Temporary In-Line Fire Hydrant Assembly	2	Each	\$4,000.00	\$8,000.00
12	Fire Hydrant Assembly	5	Each	\$7,000.00	\$35,000.00
13	Remove Existing 8" Gate Valve & Blow Off Assembly	1	Lump Sum	\$500.00	\$500.00
14	Trench & Backfill Under Pavement	181	L.F.	\$30.00	\$5,430.00
15	Misc. Fittings	1	Lump Sum	\$5,000.00	\$5,000.00
Total Opinion of Probable Construction Costs:					\$266,570.00

