



COMMERCIAL DISTRICT  
WATER SERVICE AREA

8" WATERMAIN  
CONNECTION POINT



Water Service Area  
Village of Peninsula  
Opinion of Probable Construction Cost - August 6, 2021



REF. NO.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
1		Mobilization, MOT, Pre-construction Video, Contract Bond, Construction Staking, Insurance, Seeding, & Restoration, complete	1	LS	\$100,000.00	\$100,000.00
2		8" Certa-Lok PVC (DR-14) Watermain, complete	8175	LF	\$145.00	\$1,185,375.00
3		8" Gate Valve & Box, complete	10	EA	\$2,500.00	\$25,000.00
4		6" Fire Hydrant Assembly, complete	21	EA	\$5,000.00	\$105,000.00
5		8" Blow-off Assembly, complete	1	EA	\$3,500.00	\$3,500.00
6		8" Air-Release Valve, complete	1	EA	\$7,500.00	\$7,500.00
7		1" Water Service Connections including Curb Stop & Box and Meter, complete	15	EA	\$4,500.00	\$67,500.00
8		Engineering (10%)				\$149,387.50
9		Construction Administration (10%)				\$149,387.50
		25% Contingency				\$448,162.50
		GRAND TOTAL				\$2,240,812.50
<b>Assumptions</b>						

- 1) A gate valve every 1000' & at intersections was assumed
- 2) A hydrant every 400' was assumed
- 3) A 20% contingency for pavement replacement is included in the price of the pipe