

**Orchard Meadows Sanitary Sewer Trunk Main
Engineers Cost Estimate
10/1/2019**

Item No.	Description of Item	Qty.	Unit	Unit Cost	Extended Total
GENERAL					
100	Mobilization	1.0	LS	\$ 27,500.00	\$ 27,500.00
101	Incidental Work	1.0	LS	\$ 15,000.00	\$ 15,000.00
102	Traffic Control	1.0	LS	\$ 5,250.00	\$ 5,250.00
103	ESC (General)	1.0	LS	\$ 12,000.00	\$ 12,000.00
104	Materials Testing	1.0	LS	\$ 6,500.00	\$ 6,500.00
REMOVALS					
200	Remove, Salvage and Place Millings	510.0	T	\$ 9.00	\$ 4,590.00
201	Fence Removal/Replacement	2,200.0	LF	\$ 12.00	\$ 26,400.00
202	Reestablish Property Corners	10.0	EA	\$ 250.00	\$ 2,500.00
EXCAVATION					
300	Excavation, Unclassified - Digouts	50.0	CY	\$ 15.00	\$ 750.00
301	Type 1 Bedding	500.0	T	\$ 23.00	\$ 11,500.00
302	Type IV Foundation Material	500.0	T	\$ 30.00	\$ 15,000.00
SANITARY SEWER					
400	15" PVC Sewer Main	1,306.5	LF	\$ 70.00	\$ 91,455.00
401	60" Manhole	2.0		\$ 16,000.00	\$ 32,000.00
402	48" Manhole	2.0	EA	\$ 12,000.00	\$ 24,000.00
403	Connect to Existing Sewer Main	1.0	EA	\$ 5,500.00	\$ 5,500.00
SURFACING					
500	Aggregate Base Course (1")	210.0	T	\$ 25.00	\$ 5,250.00
501	AC Paving	106.0	T	\$ 105.00	\$ 11,130.00
502	Permanent Gravel Surfacing (1")	25.0	T	\$ 29.00	\$ 725.00
Subtotal					\$ 297,050.00
Contingency (10%)					\$ 29,705.00
Design & CA (10%)					\$ 29,705.00
Legal and Administration (2%)					\$ 5,941.00
Total					\$ 362,401.00