PRELIMINARY ESTIMATE

PROJECT: **180547 Snow Road Recreation**

CLIENT: **Oronoko Charter Township**

DATE: August 28, 2020

The project includes 2,495 feet of trail from the proposed Snow Road Recreation development located behind the Public Safety Building east to the intersection of Shawnee and Snow Roads. This estimate includes all earth work and drainage improvements needed to construct a 10 ft wide off-road path with 2' shoulders. The pavement section would consist of 6" of aggregate base, 1.5" of HMA 36A base course, and 1.5" of HMA 36A wearing surface. Also included in this estimate are pavement markings, traffic control and miscellaneous signage. Utility work (sewer, water, electric) is not included with the scope of this estimate.

1	L.S.	Mobilization	@	40,000.00	40,000.00
50	CYD	Subgrade Undercutting, Type II	@	20.00	1,000.00
3,500	SYD	Aggregate Base 6"	@	7.00	24,500.00
2,495	FT	Shared Use Path Grading 10'	@	10.00	24,950.00
505	TON	Shared Use Path HMA, 36A	@	100.00	50,500.00
422	LFT	Culv 12"', CL IV	@	40.00	16,880.00
3	EA	Dr Structure 4'	@	3,500.00	10,500.00
12	EA	Tree Removal	@	500.00	6,000.00
5	EA	Hydrant, Relocate, Case 2	@	2,000.00	10,000.00
3	EA	Dr Structure Adj	@	350.00	1,050.00
73	TON	Hand Patching	@	150.00	10,950.00
411	LFT	Perf. 12 inch HDPE Storm	@	40.00	16,440.00
4	EA	Post, Mailbox	@	100.00	400.00
1	LS	Traffic Control	@	10,000.00	10,000.00
1	LS	Restoration Typ	@	8,000.00	8,000.00
		SUBTOTAL ESTIMATED CONSTRUCTION COST			$ 231,170.00
		Construction Contingency		10%	23,130.00
		Design Engineering		9%	20,900.00
		Construction Engineering		12%	27,800.00
		TOTAL ESTIMATED PROJECT COST			**$ 303,000.00**

WIGHTMAN