

Wilderness Trail Project - Cost Estimate

City Project 13-21

Updated 12/3/14

Segment A = 121st Ave to South Boundary of 6f Property (1320')

Segment B = 6f Property and Tunnel Paving (1385')

Segment C = Main Street to Avocet Street (896') - Anoka County Parks Segment

Item Number	Item Description	Unit	Estimated Cost	Estimated Quantity				Estimated Construction Costs			Notes
				Segment A	Segment B	Segment C	Total	Segment A	Segment B	Segment C	
2021.501	MOBILIZATION	LUMP SUM	\$15,000.00	0.33	0.33	0.33	1	\$4,950.00	\$4,950.00	\$4,950.00	
2021.501	MOBILIZATION - ADDITIONAL	LUMP SUM	\$5,000.00		1		1	\$0.00	\$5,000.00	\$0.00	Second mobilization required to complete Segment B.
2101.501	CLEARING	ACRE	\$2,500.00	0.1		0.25	0.35	\$250.00	\$0.00	\$625.00	
2101.502	CLEARING	TREE	\$250.00		1	18	19	\$0.00	\$250.00	\$4,500.00	
2101.506	GRUBBING	ACRE	\$2,500.00	0.1		0.25	0.35	\$250.00	\$0.00	\$625.00	
2101.507	GRUBBING	TREE	\$250.00		1	18	19	\$0.00	\$250.00	\$4,500.00	
2101.610	TREE TRIMMING	HOUR	\$150.00		4	16	20	\$0.00	\$600.00	\$2,400.00	
2104.501	REMOVE BARB WIRE FENCE	LIN FT	\$8.00	40			40	\$320.00	\$0.00	\$0.00	
2104.501	REMOVE CHAIN LINK FENCE	LIN FT	\$12.00			10	10	\$0.00	\$0.00	\$120.00	
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	\$7.00	10		10	20	\$70.00	\$0.00	\$70.00	
2105.501	COMMON EXCAVATION	(P) CU YD	\$12.00	505	690	335	1530	\$6,060.00	\$8,280.00	\$4,020.00	(P) = Plan Quantity
2105.507	SUBGRADE EXCAVATION	CU YD	\$15.00	350	450	100	900	\$5,250.00	\$6,750.00	\$1,500.00	
2105.522	SELECT GRANULAR BORROW (CV)	CU YD	\$18.00	350	450	100	900	\$6,300.00	\$8,100.00	\$1,800.00	
2105.604	GEOTEXTILE FABRIC TYPE V	SQ YD	\$5.00	350	550	50	950	\$1,750.00	\$2,750.00	\$250.00	
2211.503	AGGREGATE BASE CLASS 5 (CV)	CU YD	\$30.00	190	200	130	520	\$5,700.00	\$6,000.00	\$3,900.00	
	2" BITUMINOUS TRAIL PAVEMENT	SQ YD	\$26.00	1470	1550	1115	4135	\$38,220.00	\$40,300.00	\$28,990.00	Segment C includes tunnel paving (100'x10').
2501.515	18" RC PIPE APRON	EACH	\$650.00		2		2	\$0.00	\$1,300.00	\$0.00	
2501.561	18" RC PIPE CULVERT DES 3006 CL V	LIN FT	\$225.00		32		32	\$0.00	\$7,200.00	\$0.00	
2511.501	RANDOM RIPRAP CLASS II	CU YD	\$65.00		6.4		6.4	\$0.00	\$416.00	\$0.00	
2572.502	CLEAN ROOT CUTTING	LIN FT	\$6.50		100	200	300	\$0.00	\$650.00	\$1,300.00	
2573.502	SILT FENCE, TYPE MACHINE SLICED	LIN FT	\$3.50	2640	2770	1800	7210	\$9,240.00	\$9,695.00	\$6,300.00	
2573.530	STORM DRAIN INLET PROTECTION	EACH	\$300.00		2		2	\$0.00	\$600.00	\$0.00	
2574.525	TOPSOIL BORROW	CU YD	\$35.00	100	170	90	360	\$3,500.00	\$5,950.00	\$3,150.00	
2575.541	MOWING	ACRE	\$3,000.00	0.15	0.15	0.08	0.38	\$450.00	\$450.00	\$240.00	
2575.545	WEED SPRAYING	ACRE	\$5,000.00	0.15	0.15	0.08	0.38	\$750.00	\$750.00	\$400.00	
	HYDRO SEEDING	SQ YD	\$5.00	1300	1355	880	3535	\$6,500.00	\$6,775.00	\$4,400.00	
TOTAL =								\$89,560.00	\$117,016.00	\$74,040.00	
<b>CITY CONSTRUCTION COST TOTAL =</b>								<b>\$206,576.00</b>			
<b>COUNTY CONSTRUCTION COST TOTAL =</b>								<b>\$74,040.00</b>			
<b>PROJECT CONSTRUCTION COST TOTAL =</b>								<b>\$280,616.00</b>			
<b>COUNTY 8% ENGINEERING/INSPECTION FEE TOTAL =</b>								<b>\$5,923.20</b>			
<b>COUNTY CONSTRUCTION COST AND 8% ENGINEERING/INSPECTION FEE TOTAL =</b>								<b>\$79,963.20</b>			