

Alternative	Total Length (ft)	Section A: Forest/Terrain/B		Section B: Cleared, No Buff		Section C: Structure		SUBTOTAL	
		Length (ft)	Cost/LF	Length (ft)	Cost/LF	Length (ft)	Cost/LF		
1	Trail Parallel SR305	4000	2300	\$975	1400	\$300	300	\$4,875	\$4,125,000
2	Trail Interior of Sakai Park	4410	1760	\$975	1400	\$300	1250	\$4,875	\$8,229,750

TOTAL

Section	Description	Cost/LF	Cost basis
A	Forest/Terrain/Buffers	\$ 975	See SSB Ph 1 tab, incl. soldier pile wall, rock wall, gravity block, terrain.
B	Cleared, no buffers	\$ 300	See G2CR Trail Seg A tab. At grade, no critical areas or walls, structures removed from estimate, includes paving
C	Structure	\$ 4,875	See Structure Tab. Assume 13' wide structure, 12' clear width (10' path, 1' shoulders, 0.5' add'l structure width for railing)

ALTERNATIVE	1	2	
CONSTRUCTION COST (INCL. CONTINGENCY)	\$4,125,000	\$8,229,750	← Year 2024
RW ACQUISITION ⁽⁴⁾	\$9,300	\$70,000	
DESIGN AND PERMITTING ⁽¹⁾⁽⁵⁾	\$1,237,500	\$2,057,438	
MITIGATION ⁽²⁾	\$296,000	\$1,448,000	← Assumed higher range of costs
CONSTRUCTION MANAGEMENT ⁽³⁾	\$825,000	\$1,646,000	
PROJECT TOTAL	\$6,492,800	\$13,451,188	
RANGE (LOW, ROUNDED TO 10,000)	\$6,500,000	\$13,460,000	
RANGE (HIGH = LOW x 1.2)	\$7,800,000	\$16,152,000	

ALT 1	% of Project		ALT 2	% of Project	
	(by length)	(by cost)		(by length)	(by cost)
Section A	58%	54%	Section A	40%	21%
Section B	35%	10%	Section B	32%	5%
Section C	8%	35%	Section C	28%	74%
	100%	100%		100%	100%
Total Cost/LF*	\$1,031		\$1,866		

* Project Comparison: Lake to Sound Trail, Segment C (City of Seatac): 9,500 LF (at grade, adjacent to road, open forested area, some walls Included 800 LF of boardwalk, wetland mitigation, 3 signal upgrades. Project bid \$8M, or \$850/LF, Year 2022

(1) DESIGN AND PERMITTING:

LOW RISK/COMPLEXITY: 15-25% RANGE

MEDIUM RISK/COMPLEXITY: 20-30% RANGE

HIGH RISK/COMPLEXITY: 25-35% RANGE

(2) SEE MITIGATION TAB

(3) 20% OF CONSTRUCTION COSTS

(4) SEE BACKUP TAB

(5) BOTH HIGHER RISK, BUT ASSUMED 30% FOT ALT 1, 25% FOR ALT 2. PERMITTING ROUGHLY THE SAME \$\$, REGARDLESS OF CONSTRUCTION COSTS.