

Armstrong Boulevard Trail

ALL OFF-ROAD TRAIL

	Length/Area	Unit Price	Cost	
Base Trail	6100	\$45.00	\$274,500.00	
Special Slope Areas	1865	\$100.00	\$186,500.00	Areas where retaining walls or C & G may be required.
Fill Behind Guardrail	480	\$100.00	\$48,000.00	Assumes use of on-site materials.
Culvert Extension or Small Bridge	50	\$200.00	\$10,000.00	May increase based on type of bridge used.
Curb & Gutter w/ Wall	800	\$150.00	\$120,000.00	Intense slope issues. Multiple methods required.
Wetland Banking Credits	1.5	\$50,000.00	\$75,000.00	Purchase of credits. Assume 2:1 purchase to impact ratio.
Subtotal			\$714,000.00	
Mobilization		8.00%	\$57,120.00	
Traffic Control		3.00%	\$21,420.00	
Total Construction Estimate			\$792,540.00	
Length			6,100	
Cost per LF Check			\$129.92	
Administrative (Low)			\$118,881.00	15 Percent for a locally funded trail
Administrative (High)			\$198,135.00	25 Percent for a federally funded trail

ON-ROAD FROM MARMOSET STREET TO 167TH LANE

	Length/Area	Unit Price	Cost	
Base Trail	6100	\$45.00	\$274,500.00	
Special Slope Areas	1250	\$100.00	\$125,000.00	Areas where retaining walls or C & G may be required.
Fill Behind Guardrail	0	\$100.00	\$0.00	
Culvert Extension or Small Bridge	0	\$200.00	\$0.00	
Curb & Gutter w/ Wall	0	\$150.00	\$0.00	
Wetland Banking Credits	0	\$50,000.00	\$0.00	
On-Road Striping	1895	\$15.00	\$28,425.00	
Crossings	2	\$2,500.00	\$5,000.00	Pavement markings and signage only. No flashers.
Subtotal			\$432,925.00	
Mobilization		8.00%	\$34,634.00	
Traffic Control		3.00%	\$12,987.75	
Total Estimate			\$480,546.75	
Length			6,100	
Cost per LF Check			\$78.78	
Administrative (Low)			\$72,082.01	15 Percent for a locally funded trail
Administrative (High)			\$120,136.69	25 Percent for a federally funded trail

Base Trail Cost: \$45/LF. Includes grading, CL5, bituminous, restoration, seeding.

Retaining walls: Assume \$25/SF above ground (exposed surface).

Boardwalk or Bridge: \$200/LF

Culvert Extensions: \$100/LF to \$200/LF, depending on size

On Road: \$15/LF for striping and signage

Curb and Gutter: \$100/LF. Includes bituminous patching in front of curb and drainage pipe and structures.

Wetland Replacement: \$50,000/Acre

Mobilization: 8%

Traffic control: 3%