

Hinesburg Sidewalk Scoping
Alternative Cost Estimates

Alt 1A

Item	Quantity	Units	Cost/Unit	Cost	
Pedestrian Facilities					
Sidewalk w/ Vert Granite Curb	345	LF	\$99	\$34,135	
Crosswalks	26	LF	\$20	\$520	
Drainage					
New Closed Drainage	320	LF	\$90	\$28,800	
New Drop Inlets	2	Each	\$4,000	\$8,000	
Landscaping					
Common Excavation	128	CY	\$15	\$1,916	
Earth Borrow	156	CY	\$10	\$1,556	
Topsoil Seed Mulch	345	LF	\$10	\$3,448	
SUBTOTAL				\$78,374	
			Contingency	20%	\$15,675
SUBTOTAL				\$94,049	
			Engineering/Permitting	20%	\$18,810
			Municipal Project Management	10%	\$9,405
			Construction Inspection	10%	\$9,405
TOTAL (rounded)				\$140,000	

Sidewalk Cost based on 2014 VTrans Bicycle and Pedestrian Program Unit
Cost Database

Hinesburg Sidewalk Scoping
 Alternative Cost Estimates

Alt 1B

Item	Quantity	Units	Cost/Unit	Cost
Pedestrian Facilities				
Sidewalk	354	LF	\$64	\$22,669
Crosswalks	26	LF	\$20	\$520
Landscaping				
Common Excavation	131	CY	\$15	\$1,968
Cut/fill	49	CY	\$10	\$492
Topsoil Seed Mulch	354	LF	\$10	\$3,542
SUBTOTAL				\$29,191
		Contingency	20%	\$5,838
SUBTOTAL				\$35,029
		Engineering/Permitting	20%	\$7,006
		Municipal Project Management	10%	\$3,503
		Construction Inspection	10%	\$3,503
TOTAL (rounded)				\$50,000

Sidewalk Cost based on 2014 VTrans Bicycle and Pedestrian Program Unit
 Cost Database

Hinesburg Sidewalk Scoping
Alternative Cost Estimates

Alt 2A

Item	Quantity	Units	Cost/Unit	Cost	
Pedestrian Facilities					
Sidewalk	1810	LF	\$64	\$115,840	
Sidewalk w/ Vert Granite Curb	570	LF	\$99	\$56,430	
Crosswalks	154	LF	\$20	\$3,080	
Rapid Flashing Beacon warning signs	1	LS	\$8,000	\$8,000	
Drainage					
New Drop Inlets	1	Each	\$4,000	\$4,000	
Culvert	15	LF	\$150	\$2,250	
Box Culvert	1	LS	\$25,000	\$25,000	
Railing	50	LF	\$40	\$2,000	
Rip rap, slope treatment	10	CY	\$40	\$400	
Landscaping					
Common Excavation	196	CY	\$15	\$2,933	
Topsoil Seed Mulch	2380	LF	\$10	\$23,800	
SUBTOTAL				\$243,733	
			Contingency	20%	\$48,747
SUBTOTAL				\$292,480	
			Engineering/Permitting	20%	\$58,496
			Municipal Project Management	10%	\$29,248
			Construction Inspection	10%	\$29,248
TOTAL (rounded)				\$410,000	

Sidewalk Cost based on 2014 VTrans Bicycle and Pedestrian Program Unit Cost

Hinesburg Sidewalk Scoping
Alternative Cost Estimates

Alt 2B

Item	Quantity	Units	Cost/Unit	Cost	
Pedestrian Facilities					
Sidewalk	2400	LF	\$64	\$153,600	
Crosswalks	138	LF	\$20	\$2,760	
Rapid Flashing Beacon warning signs	1	LS	\$8,000	\$8,000	
Drainage					
Culverts	49	LF	\$50	\$2,450	
Box Culvert	1	LS	\$25,000	\$25,000	
Railing	50	LF	\$40	\$2,000	
Rip rap, slope treatment	10	CY	\$40	\$400	
Landscaping					
Common Excavation / ditching	196	CY	\$15	\$2,933	
Topsoil Seed Mulch	2400	LF	\$10	\$24,000	
SUBTOTAL				\$221,143	
			Contingency	20%	\$44,229
SUBTOTAL				\$265,372	
			Engineering/Permitting	20%	\$53,074
			Municipal Project Management	10%	\$26,537
			Construction Inspection	10%	\$26,537
TOTAL (rounded)				\$380,000	

Sidewalk Cost based on 2014 VTrans Bicycle and Pedestrian Program Unit Cost

Hinesburg Sidewalk Scoping
Alternative Cost Estimates

Alt 3A

Item	Quantity	Units	Cost/Unit	Cost	
Pedestrian Facilities					
Sidewalk	890	LF	\$64	\$56,960	
Crosswalks	75	LF	\$20	\$1,500	
Guardrail	0	LF	\$35	\$0	
Drainage					
Relocate Closed Drainage	150	LF	\$90	\$13,500	
New Drop Inlets	2	Each	\$4,000	\$8,000	
Change Elev of DI	1	Each	\$1,000	\$1,000	
Landscaping					
Common Excavation / ditching	330	CY	\$15	\$4,944	
Topsoil Seed Mulch	890	LF	\$10	\$8,900	
SUBTOTAL				\$80,960	
			Contingency	20%	\$16,192
SUBTOTAL				\$97,152	
			Engineering/Permitting	20%	\$19,430
			Municipal Project Management	10%	\$9,715
			Construction Inspection	10%	\$9,715
TOTAL (rounded)				\$140,000	

Sidewalk Cost based on 2014 VTrans Bicycle and Pedestrian Program Unit Cost Database

Hinesburg Sidewalk Scoping
Alternative Cost Estimates

Alt 3B

Item	Quantity	Units	Cost/Unit	Cost	
Pedestrian Facilities					
Sidewalk	1040	LF	\$64	\$66,560	
Crosswalks	34	LF	\$20	\$680	
Landscaping					
Common Excavation / ditching	385	CY	\$15	\$5,778	
Cut/fill	173	CY	\$10	\$1,733	
Topsoil Seed Mulch	1040	LF	\$10	\$10,400	
SUBTOTAL				\$85,151	
			Contingency	20%	\$17,030
SUBTOTAL				\$102,181	
			Engineering/Permitting	20%	\$20,436
			Municipal Project Management	10%	\$10,218
			Construction Inspection	10%	\$10,218
TOTAL (rounded)				\$150,000	

Sidewalk Cost based on 2014 VTrans Bicycle and Pedestrian Program Unit Cost Database

Hinesburg Sidewalk Scoping
Alternative Cost Estimates

Alt 3C

Item	Quantity	Units	Cost/Unit	Cost	
Pedestrian Facilities					
Sidewalk	780	LF	\$64	\$49,920	
Crosswalks	50	LF	\$20	\$1,000	
Drainage					
Culverts	70	LF	\$40	\$2,800	
Landscaping					
Common Excavation / ditching	289	CY	\$15	\$4,333	
Cut/fill	433	CY	\$10	\$4,333	
Ledge removal	222	CY	\$75	\$16,667	
Topsoil Seed Mulch	780	LF	\$10	\$7,800	
Utility/Feature Relocation					
New Sign	3	Each	\$150	\$450	
SUBTOTAL				\$87,303	
			Contingency	20%	\$17,461
SUBTOTAL				\$104,764	
			Engineering/Permitting	20%	\$20,953
			Municipal Project Management	10%	\$10,476
			Construction Inspection	10%	\$10,476
TOTAL (rounded)				\$150,000	

Sidewalk Cost based on 2014 VTrans Bicycle and Pedestrian Program Unit
Cost Database

Hinesburg Sidewalk Scoping
Alternative Cost Estimates

Alt 3D

Item	Quantity	Units	Cost/Unit	Cost
Pedestrian Facilities				
Sidewalk	750	LF	\$64	\$48,000
Crosswalks	50	LF	\$20	\$1,000
Guardrail	750	LF	\$35	\$26,250
Drainage				
Culverts	50	LF	\$40	\$2,000
Landscaping				
Common Excavation / Ditching	278	CY	\$15	\$4,167
Cut/fill	660	CY	\$10	\$6,597
Topsoil Seed Mulch	750	LF	\$10	\$7,500
Tree / Stump Removal	13	Each	\$500	\$6,500
Utility/Feature Relocation				
New Sign	2	Each	\$200	\$400
SUBTOTAL				\$102,414
		Contingency	20%	\$20,483
SUBTOTAL				\$122,897
		Engineering/Permitting	20%	\$24,579
		Municipal Project Management	10%	\$12,290
		Construction Inspection	10%	\$12,290
TOTAL (rounded)				\$180,000

Sidewalk Cost based on 2014 VTrans Bicycle and Pedestrian Program Unit
Cost Database