

Trail Extension-Town ROW-Including Clarks Requests & Bulding Move

Funding Available		Deadline
CDOT	608,000.00	Sept. 2024
Town		*152,000 Required Match
Stimulus Funds	440,000.00	
Boulder County		
Parks		
Total	<u>1,048,000.00</u>	

Estimated Expenses

Construction	1,559,881.77	Eng. Estimate w/Contingency
Construction Management & Mat Testing	<u>114,602.98</u>	estimate
	1,674,484.75	

(626,484.75)

Trail Extension-With 300 LF on Highland Property

Funding Available		Deadline
CDOT	608,000.00	Sept. 2024
Town		*152,000 Required Match
Stimulus Funds	440,000.00	
Boulder County		
Parks		
Total	<u>1,048,000.00</u>	

Estimated Expenses

Construction	1,773,379.72	Eng. Estimate w/Contingency
ROW Fees or Amenities	TBD	
Highland Lease Agreement	TBD	
Construction Management & Mat Testing	<u>128,469.70</u>	estimate
	1,901,849.42	

(853,849.42)

St Vrain Trail Project
Cost Estimate
Alignment Option B
Town ROW

Item No	Item	Qty	Unit	Unit Price	Total
Project Design					
	Civil Desgin				199,081.00
	Environmental Aessment				22,015.00
	GeoTech				
	Titlework				3,000.00
	Structural				19,100.00
	Surveying				24,053.00
	ROW Services				
Sub-Total					267,249.00
Site Prep					
	General Conditions/Mobilization	LS	1	\$ 75,000.00	75,000.00
	Unclassified Excavation	CY	1,410	\$ 28.00	39,480.00
	Enbankment Material	CY	826	\$ 28.00	23,128.00
	Concrete Washout	EA	1	\$ 2,500.00	2,500.00
	Furnish and Install Vehicle TrackingPad	EA	1	\$ 6,800.00	6,800.00
	Furnish and Install Straw Waddles	LF	600	\$ 7.00	4,200.00
	Traffic Control - Flagging	HOURL	40	\$ 50.00	2,000.00
	Traffic Control - Signage	LS	1	\$ 5,000.00	5,000.00
	Traffic Control - Setup/ Takedown	DAY	15	\$ 1,400.00	21,000.00
	Clear & Grub	AC	2.25	\$ 8,000.00	18,000.00
	Tree removal (4" to 8" caliper)	EA	1	\$ 600.00	600.00
	Tree removal (8" to 12" caliper)	EA	1	\$ 1,100.00	1,100.00
	Tree removal (12" caliper and greater)	EA	1	\$ 1,800.00	1,800.00
	Minor Contract Revisions	LS	1	\$ 40,000.00	40,000.00
	Construction Surveying	LS	1	\$ 15,000.00	15,000.00
Sub-Total					255,608.00
Bridge Construction					
	Install Bridge & Abutments 1 (74')	LS	1	162,726.00	162,726.00
	Install Bridge & Abutments 2 (40')	LS	1	124,965.00	124,965.00
	Install Bridge & Abutments 3 (40')	LS	1	129,021.00	129,021.00
	Railings	LF	235	475.00	111,625.00
Sub-Total					528,337.00
Trail Construction					
	Crusher Fines Paving	CY	506	\$ 120.00	60,720.00
	Topsoil (6 Inch)	CY	372	\$ 30.00	11,160.00
	Concrete Trail	SY	880	\$ 80.00	70,400.00
	Three Rail Fence	LF	558	\$ 80.00	44,640.00
	Boulder Wing Walls	SF	560	\$ 80.00	44,800.00
	Trail Gate	EA	2	\$ 1,500.00	3,000.00
	Sandstone Boulder Seating	EA	2	\$ 1,750.00	3,500.00
	Striping	GAL	2	\$ 625.00	1,250.00
	Sign panels	SF	31	\$ 30.00	930.00
	Sign posts	LF	125	\$ 30.00	3,750.00
	Tree Protection	LF	35	\$ 10.00	350.00
	Native Seed with Soil Prep & Hydromulch	AC	1.12	\$ 1,800.00	2,024.79
	Fence Chain Link (72 Inch)	LF	112	\$ 80.00	8,960.00
	Automated Gate for Highland Access	EA	1	\$ 1,600.00	1,600.00
Sub-Total					257,084.79
Clark Storage Building					
	Move existing building 15'	SQF	20		105,000.00

St Vrain Trail Project
Cost Estimate
Alignment Option A
Town ROW & Highland Ditch ROW

Item No	Item	Qty	Unit	Unit Price	Total
Project Design					
	Civil Desgin				231,979.00
	Environmental Aessment				17,475.00
	GeoTech				9,450.00
	Titlework				3,000.00
	Structural				21,250.00
	Surveying				30,451.00
	ROW Services				14,608.00
Sub-Total					328,213.00
Site Prep					
	General Conditions/Mobilization	LS	1	\$ 75,000.00	75,000.00
	Unclassified Excavation	CY	1,410	\$ 28.00	39,480.00
	Enbankment Material	CY	826	\$ 28.00	23,128.00
	Concrete Washout	EA	1	\$ 2,500.00	2,500.00
	Furnish and Install Vehicle TrackingPad	EA	1	\$ 6,800.00	6,800.00
	Furnish and Install Straw Waddles	LF	600	\$ 7.00	4,200.00
	Traffic Control - Flagging	HOURL	40	\$ 50.00	2,000.00
	Traffic Control - Signage	LS	1	\$ 5,000.00	5,000.00
	Traffic Control - Setup/ Takedown	DAY	15	\$ 1,400.00	21,000.00
	Clear & Grub	AC	2.25	\$ 8,000.00	18,000.00
	Tree removal (4" to 8" caliper)	EA	1	\$ 600.00	600.00
	Tree removal (8" to 12" caliper)	EA	1	\$ 1,100.00	1,100.00
	Tree removal (12" caliper and greater)	EA	1	\$ 1,800.00	1,800.00
	Minor Contract Revisions	LS	1	\$ 40,000.00	40,000.00
	Construction Surveying	LS	1	\$ 15,000.00	15,000.00
Sub-Total					255,608.00
Bridge Construction					
	Install Bridge & Abutments 1 (74')	LS	1	162,726.00	162,726.00
	Install Bridge & Abutments 2 (40')	LS	1	124,965.00	124,965.00
	Install Bridge & Abutments 3 (40')	LS	1	129,021.00	129,021.00
	Railings	LF	235	475.00	111,625.00
Highland Ditch-Vehicle Crossing					Sub-Total 528,337.00
	ABC Service Access (Class 6)	CY	120	\$ 120.00	\$ 14,382.22
	Concrete Apron	SY	7	\$ 750.00	\$ 5,000.00
	Install Bridge & Abutments 4 (50')	LS	1	\$ 225,000.00	\$ 225,000.00
Sub-Total					244,382.22
Trail Construction					
	Crusher Fines Paving	CY	506	\$ 120.00	60,720.00
	Topsoil (6 Inch)	CY	372	\$ 30.00	11,160.00
	Concrete Trail	SY	880	\$ 80.00	70,400.00
	Three Rail Fence	LF	558	\$ 80.00	44,640.00
	Boulder Wing Walls	SF	560	\$ 80.00	44,800.00
	Trail Gate	EA	2	\$ 1,500.00	3,000.00
	Sandstone Boulder Seating	EA	2	\$ 1,750.00	3,500.00
	Striping	GAL	2	\$ 625.00	1,250.00
	Sign panels	SF	31	\$ 30.00	930.00
	Sign posts	LF	125	\$ 30.00	3,750.00
	Tree Protection	LF	35	\$ 10.00	350.00
	Native Seed with Soil Prep & Hydromulch	AC	1.12	\$ 1,800.00	2,024.79
	4' gate walk (72 Inch)	EA	1	\$ 885.00	885.00

	Other Fees		TBD		
	Concrete Work		TBD		
Sub-Total				105,000.00	
Other Fees					
	Ditch Crossing Agreements	PER	3	\$ 9,000.00	27,000.00
	Other Fees				5,000.00
	Ditch Design Review Fees				
	Ditch Meeting Fees				
	Mitigation				
	Contingency	10%			114,602.98
Sub-Total				146,602.98	
Total				1,559,881.77	

*Clarks may require additional fencing and security lighting

*Clarks Lease buyout and relocating storage building will not be covered by grant funding

* have not included \$16k in fees to talk with Highland ditch

1,146,029.79

114,602.98

	Fence Chain Link (72 Inch)	LF	112	\$ 80.00	8,960.00
Sub-Total					256,369.79
Other Fees					
	Ditch Crossing Agreements	PER	3	\$ 9,000.00	27,000.00
	Other Fees				5,000.00
	Ditch Design Review Fees				
	Ditch Meeting Fees				
	Mitigation				
	Contingency	10%			128,469.70
Sub-Total					160,469.70
Total					1,773,379.72

* Does not include agreement fee for Highland Ditch property use. Does include esimated crossing agreement fees.

1,284,697.02

128,469.70