

TO: Mountain Village Town Council

FROM: Jim Loebe, Transit & Recreation Director

DATE: May 9th, 2024

RE: Update Regarding Status of Funding Request to TMVOA Regarding Trails Master Plan

Implementation

Executive Summary: Drawing from the Trails Master Plan, which was developed with extensive public and stakeholder input, staff and advisory members of council have identified a number of trails and on-system improvement projects to be implemented during the 2024 construction season.

Overview

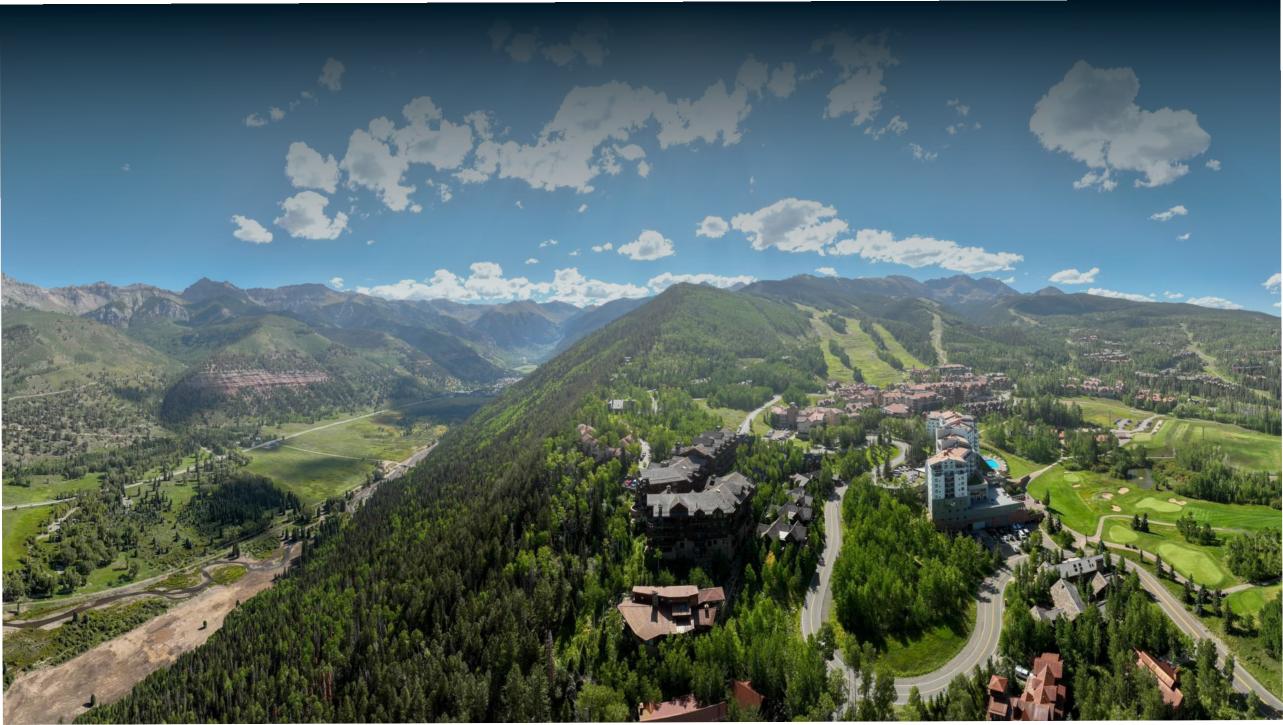
During the 2024 budget process, council allocated \$600,000 to fund projects contemplated in the Trails Master Plan. The Town made an additional funding request to TMVOA to increase the scope of projects to be included in the 2024 trails and on-system construction, improvement, and design and engineering project list. The attached menu of projects was approved at a special TMVOA board meeting on April 26th, 2024. The total 2024 funding request amounted to \$1,005,000. TMVOA subsequently granted the Town \$890,000 to go specifically toward construction and improvements projects. TMVOA requested that the \$115,000 in design and engineering projects be funded by the Town up front. If contemplated for construction in future years, the Town could request reimbursement for D&E services at that time.

	PROJECT COST BREAKD	OWN	
#	NAME	ТҮРЕ	COST
1	Big Billies Novice Connector	Construction	\$15,000
2	Stegosaurus Trail	Construction	\$50,000
3	VCA to Boulevard Trail	Improvements	\$10,000
4	Bear Creek Trail	Construction	\$10,000
5	Meadows Express Trail	Planning / D&E	\$15,000
6	Boulevard Trail Improvements (Center Section)	Improvements	\$350,000
7a	Boulevard Trail Reroute at VPB Ski Bridge	Construction	\$300,000
7b	ADA Sidewalk Connection Vischer to Aspen Ridge	Planning / D&E	\$60,000
7с	ADA Sidewalk Improvements Lost Creek Lane East & Madeline Frontage	Improvements	\$155,000
8	Lower Jurassic Meadowlark Reroute	Planning / D&E	\$25,000
9	Elk Lake Loop & Elk Lake to Touchdown Trail	Planning / D&E	\$15,000
		TOTAL:	\$1,005,000
			MOUNTAIN VILLAGI

With TMVOA funding secured, staff recommends utilizing a portion of the Town's \$600,000 in budgeted trails funds to cover the aforementioned \$115,000 in D&E services, enhanced wayfinding covering the entirety of Boulevard Trail, the Mountain Village Center to Country Club corridor, and the Country Club to Meadows corridor, additional improvements to the Boulevard Trail outside of the center section time and weather permitting, and any work that can be completed on the trail and sidewalk through Meadowlark this fall.

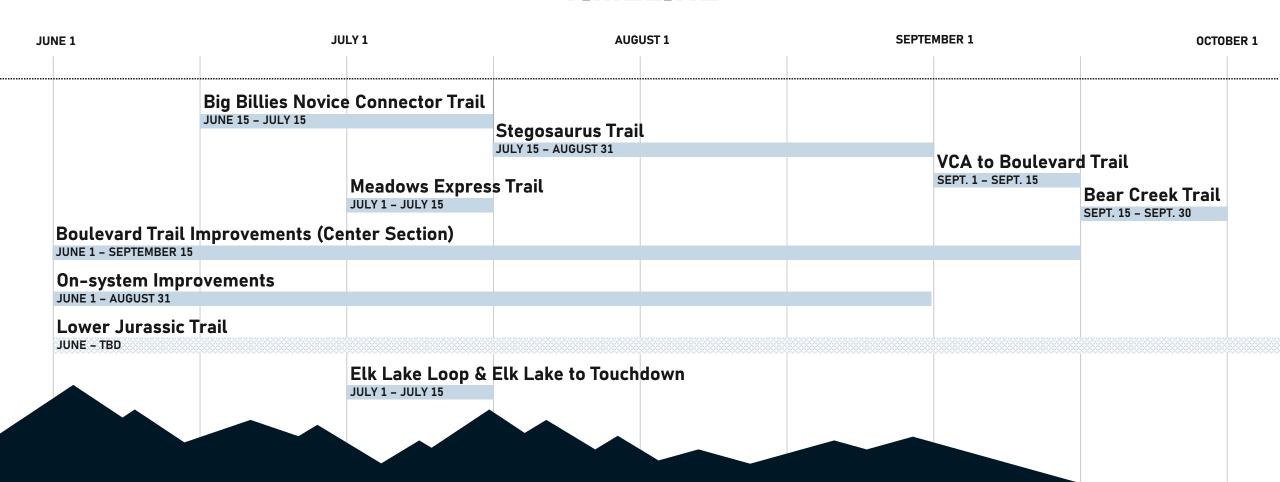
Next Steps (30 days)

- Execute funding agreement with TMVOA
- Execute contracts with trail contractors
- Bid and contract sidewalk projects
- Content development and design for trails wayfinding
- Procure D&E services for projects 5, 7b, 8, and 9

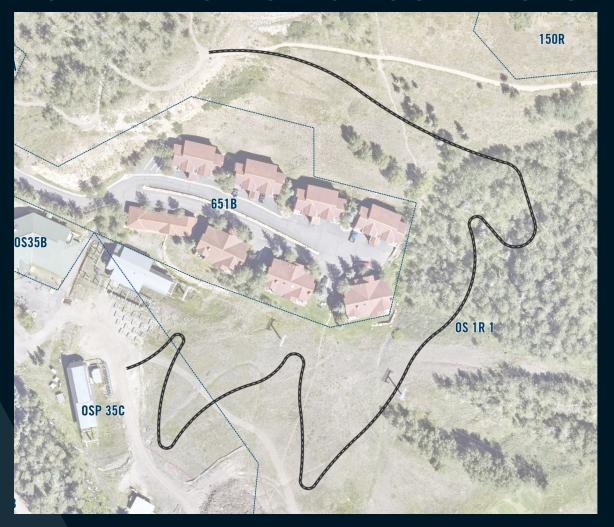


2024 TRAILS PROJECTS PLAN

TIMELINE



BIG BILLIES NOVICE CONNECTOR





BIG BILLIES NOVICE CONNECTOR

COST: \$15,000 LENGTH: 0.32 MILES



- New trail approved in the 2023 Trails License Agreement with TSG
- Serves as a detour around Meadowlark during construction and a more manageable bicycle climb to existing Big Billies Trail
- Multi-use hike / bike
- Variation of NS-16 in Trails Master Plan
- Open space parcels:
 - OS 1R 1 (TSG)
 - OSP 35C (TSG)



BIG BILLIES NOVICE CONNECTOR

COST: \$15,000 LENGTH: 0.32 MILES

- Timeline: ~ 1 months
- Start: June 15, 2024
- Finish: July 15, 2024
- Contractor: Big Loop Trails
- Scope:
 - » Trail survey & layout
 - » Build to standard Town trail specifications
 - » 2 machine passes
- Notes: Procurement contingent upon funding

PO Box 806 Dolores, CO 81323-8719





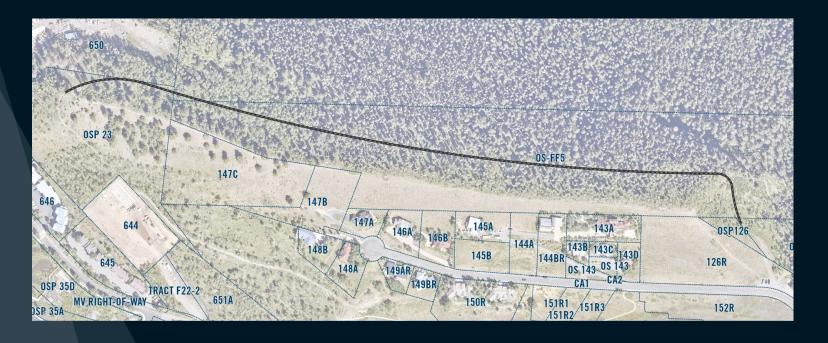
Quote No.: 12232 Date: 3/7/2024

	Bill To:	Ship To:	Customer Service:
-	Town of Mountain Village		Phone: (970) 394-1211
Quote	411 Mountain Village Blvd		Fax:
) n	Mountain Village, CO 81435		E-mail: epictrails@biglooptrails.com
Q	(970) 729-3434		

Terms:	C.B.D		Shipping Via:	Rep: Shawn	Gregory	
QTY.		ITEM NAME	DESCRIPTION		PRICE	TOTAL
1	ea	Trail Construction Project	Trail Construction Project - Big B Connection trail. See constructi below. Approximately .32 mile.	on details	\$12,594.16	\$12,594.16
1	ea	Trail Construction Project	Trail Construction Project - Stego See construction details below. .5 mile.		\$50,000.00	\$50,000.00
1	ea	Trail Construction Project	Trail Construction Project - VCA See construction details below. .12 mile.		\$10,000.00	\$10,000.00
1	ea	Trail Construction Project	Trail Construction Project - Bear See construction details below. .22 mile.		\$10,000.00	\$10,000.00
			Construction details: - Trail survey and layout. - Pinflag route and provide gps f - 2 Machine passes (First rough of finish. Slash is pushed/spread we distance of machine)	cut and second		
		Notes	 Town of Mountain village performers clearing on flagged route and fire after machine including unsafe to 	nish handwork tree removal.		
			(If Big Loop clears corridor and o work it will be an additional chai - Bridge construction / install no Loop could quote a fabricated m frame if desired) - Potential added charges: Unkr	rge) st included (Big netal bridge		
			obstacles encountered that requ work outside of Big Loop's stand			



STEGOSAURUS TRAIL

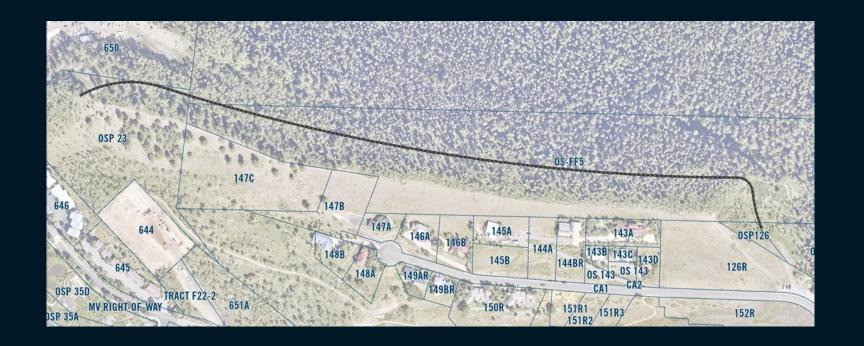




STEGOSAURUS TRAIL

COST: \$50,000 LENGTH: 0.5 MILES

- New trail approved in the 2023 Trails License Agreement with TSG
- NS-6 in Trails Master Plan
- Multi-use hike / bike
- Open space parcels:
 - OS-FF5 (TSG)
 - OS 3Z (TSG)
 - OSP 23 (TSG)





STEGOSAURUS TRAIL

COST: \$50,000 LENGTH: 0.5 MILES

- Timeline: 6 weeks
- Start: July 15, 2024
- Finish: August 31, 2024
- Contractor: Big Loop
- Scope:
 - » Trail survey & layout
 - » Build to standard Town trail specifications
 - » 2 machine passes
- Notes: Procurement contingent upon funding

PO Box 806
Dolores, CO 81323-8719



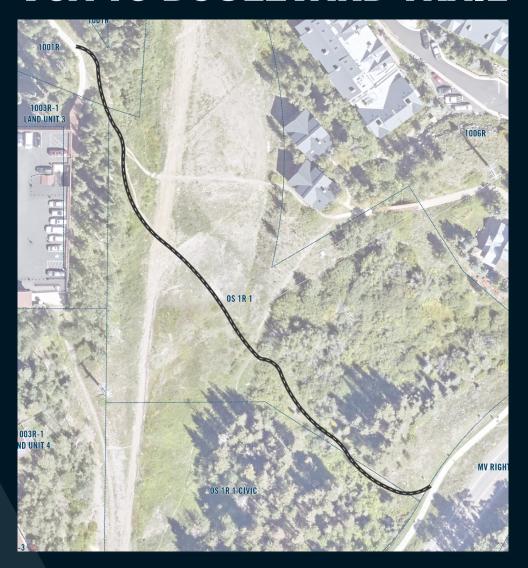
Quote No.: 122 Date: 3/7/2024

Bill To:	Ship To:	Customer Service:
Town of Mountain Village		Phone: (970) 394-1211
411 Mountain Village Blvd		Fax:
Mountain Village, CO 81435		E-mail: epictrails@biglooptrails.com
(970) 729-3434		
	Town of Mountain Village 411 Mountain Village Blvd Mountain Village, CO 81435	Town of Mountain Village 411 Mountain Village Blvd Mountain Village, CO 81435

Terms: C.B.D			Shipping Via:	Rep: Shawn (Rep: Shawn Gregory			
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1	ea	Trail Construction Project	Trail Construction Project - Stego See construction details below. .5 mile.		\$50,000.00	\$50,000.00		
1	ea	Trail Construction Project	Trail Construction Project - VCA See construction details below. .12 mile.		\$10,000.00	\$10,000.00		
1	ea	Trail Construction Project	Trail Construction Project - Bear See construction details below. .22 mile.		\$10,000.00	\$10,000.00		
		Notes	Construction details: - Trail survey and layout Pinflag route and provide gps fi - 2 Machine passes (First rough of finish. Slash is pushed/spread we distance of machine) - Town of Mountain village perforclearing on flagged route and fin after machine including unsafe telegraphic file of the strength of the streng	cut and second rithin bucket orms corridor nish handwork ree removal. loes hand finish trige) t included (Big netal bridge nown buried sire additional				



VCA TO BOULEVARD TRAIL





VCA TO BOULEVARD TRAIL

COST: \$10,000 LENGTH: 0.12 MILES



- Existing trail formalized in 2023 Trails License Agreement with TSG
- Existing social path will be improved and several small bridges installed
- NS-12 in Trails Master Plan
- Multi-use hike / bike
- Open space parcels:
 - OS 1R 1 (TSG)
 - OS 1R 1 Civic (TSG)



VCA TO BOULEVARD TRAIL

COST: \$10,000 LENGTH: 0.12 MILES

- Timeline: 2 weeks
- Start: September 1, 2024
- Finish: September 15, 2024
- Contractor: Big Loop
- Scope:
 - » Improvement of existing trail
 - » Establish wider trail width
 - » Import material
 - » Improve drainage
 - » Construct bridges in 2 locations
- Notes: Procurement contingent upon funding

Big Loop PO Box 806 Dolores, CO 81323-8719



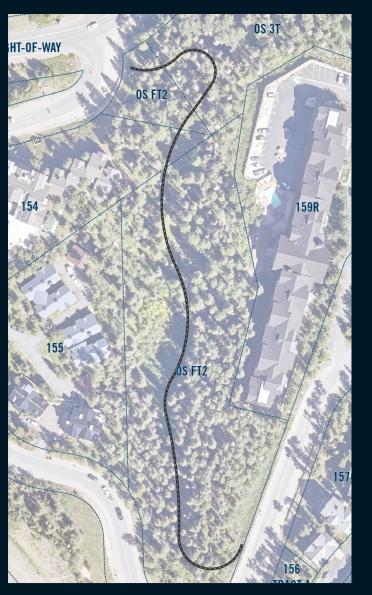
Quote No.: 122 Date: 3/7/2024

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	Town of Mountain Village		Phone: (970) 394-1211
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Quc	Mountain Village, CO 81435		E-mail: epictrails@biglooptrails.com
g	(970) 729-3434		
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Terms: 0	C.B.D		Shipping Via:	Rep: Shawn (Gregory	
QTY.		ITEM NAME	DESCRIPTION		PRICE	TOTAL
1	ea	Trail Construction Project	Trail Construction Project - Big B Connection trail. See constructi below. Approximately .32 mile.	on details	\$12,594.16	\$12,594.16
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1	ea	Trail Construction Project	Trail Construction Project - VCA See construction details below. .12 mile.		\$10,000.00	\$10,000.00
1	ea	Trail Construction Project	Trail Construction Project - Bear See construction details below. .22 mile.		\$10,000.00	\$10,000.00
		Notes	Construction details: - Trail survey and layout Pinflag route and provide gps f - 2 Machine passes (First rough finish. Slash is pushed/spread w distance of machine) - Town of Mountain village perficering on flagged route and fir after machine including unsafe t (If Big Loop clears corridor and c work it will be an additional cha - Bridge construction / install no Loop could quote a fabricated m frame if desired) - Potential added charges: Unkrobstacles encountered that requ work outside of Big Loop's stance	cut and second vithin bucket orms corridor nish handwork tree removal. does hand finish rge) bit included (Big netal bridge nown buried uire additional		



BEAR CREEK TRAIL





BEAR CREEK TRAIL

COST: \$10,000 LENGTH: 0.22 MILES



- New trail construction
- Extension of existing lower Bear Creek Trail up to middle San Joaquin
- NS-3 in Trails Master Plan
- Multi-use hike / bike
- Open space parcels:
 - OS FT2 (MV)
 - 0S 3T (TSG)



BEAR CREEK TRAIL

COST: \$10,000 **LENGTH: 0.22 MILES**

- Timeline: 2 weeks
- Start: September 15, 2024
- Finish: September 30, 2024
- Contractor: Big Loop
- Scope:
 - Trail survey & layout
 - Build to standard Town trail specifications
 - 2 machine passes
- Notes: Procurement contingent upon funding

Big Loop PO Box 806





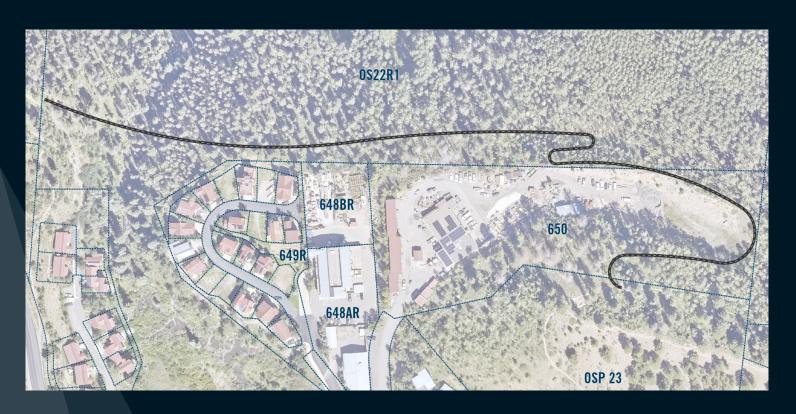
Quote No.: 12232 Date: 3/7/2024

	Bill To:			Ship To:	Customer Se	ervice:	
	Town of	Mounta	in Village		Phone: (970)	394-1211	
te	411 Mou	untain V	illage Blvd		Fax:		
Quote	Mounta	in Village	e, CO 81435		E-mail: epictr	ails@biglooptrai	ls.com
a	(970) 72	9-3434					
	Terms:	C.B.D		Shipping Via:	Rep: Shawn	Gregory	
	QTY.		ITEM NAME	DESCRIPTION		PRICE	TOTAL
				Trail Construction Proje	ct - Big Billies Novice		
	1	ea	Trail Construction Project	Connection trail. See co	instruction details	\$12,594.16	\$12,594.16
				below. Approximately .	32 mile.		
				Trail Construction Proje	ct - Stegosaurus Trail.		
	1	ea	Trail Construction Project	See construction details	below. Approximately	\$50,000.00	\$50,000.00
				.5 mile.			
					Trail Construction Project - VCA to MVB trail.		
	1	ea	Trail Construction Project	See construction details	below. Approximately	\$10,000.00	\$10,000.00
				.12 mile.			
				Trail Construction Proje			
	1	ea	Trail Construction Project	See construction details	below. Approximately	\$10,000.00	\$10,000.00
				.22 mile.			
				Construction details:			
				- Trail survey and layout			
				- Pinflag route and prov			
				- 2 Machine passes (Firs			
				finish. Slash is pushed/s	spread within bucket		
				distance of machine)			
				- Town of Mountain villa			
				clearing on flagged rout			
			Notes	after machine including			
					lor and does hand finish		
				work it will be an addition	• ,		
				- Bridge construction / i			
				Loop could quote a fabr	icated metal bridge		
				frame if desired)	an Halianiin biide 4		
				 Potential added charge 	es: Offknown buried		

obstacles encountered that require additional work outside of Big Loop's standard machine



MEADOWS EXPRESS TRAIL





MEADOWS EXPRESS TRAIL

COST: \$15,000* LENGTH: 0.42 MILES

*\$15,000 PLANNING PROJECT ONLY



- New trail approved in the 2023 Trails License Agreement with TSG
- Meadows neighborhood bypass trail connecting Jurassic Trail with Meadows Trail
- NS-4 in Trails Master Plan
- Multi-use hike / bike
- Open space parcels:
 - OS 22 R1 (TSG)
 - OSP 23 (TSG)



MEADOWS EXPRESS TRAIL

COST: \$15,000* LENGTH: 0.42 MILES

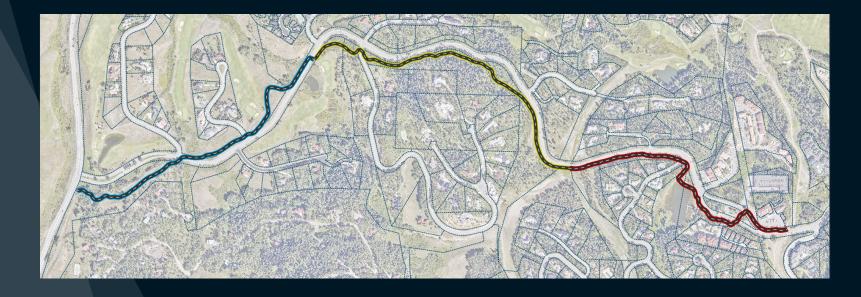
*\$15,000 PLANNING PROJECT ONLY

- Timeline: 2 weeks
- Start: July 1, 2024
- Finish: July 15, 2024
- Contractor: Big Loop
- Scope:
 - » Field work analyzing terrain
 - » Loosely ribbon flag route
 - » GPS locate points
 - » Trail project proposal with maps & illustrations
- Notes: Procurement contingent upon funding

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	Big Loop	0		1 A A	Quote No.:	: 12232	
	PO Box	806		Big 4000	Date: 3/7/2	2024	
	Dolores	CO 8132	23-8719				
				4AP6			
				Trails			
	Bill To:			Ship To:	Customer Se	arvice:	
			in Village	Ship to:	Phone: (970)		
te			llage Blvd		Fax:	334 1211	
Quote			e, CO 81435			ails@biglooptrai	ls.com
Q	(970) 72	_				- 0 .	
ĺ	Terms:	C.B.D		Shipping Via:	Rep: Shawn		
	QTY.		ITEM NAME	DESCRIPTION		PRICE	TOTAL
				capabilities (Large rocks), ab			
				and/or significant water mit	-		
				hazard mitigation (nearby a	nd/or downslope		
				structures and/or utilities)			
			Taril Danier & Lavaut	Trail Design & Layout: Mead		Ć1F 000 00	Ć4 F 000 00
	1	ea	Trail Design & Layout	See design & Layout details Approximately .75 mile.	below.	\$15,000.00	\$15,000.00
L				Trail Design & Layout: Elk La	ako to Touchdown		
	1	ea	Trail Design & Layout	See design & Layout details		\$15,000.00	\$15,000.00
ĺ	•	cu	Trail Design & Edyout	Approximately 1 mile.	below.	\$15,000.00	\$13,000.00
				Trail Design & Layout details	; :		
				- Field work analyzing terrai	n, identifying		
				control points, no-go areas	& spatial data		
				collection.			
				 Loosely ribbon flag route. 			
				- Collect final GPS alignment			
				buffer to accommodate vari	The second second		
				construction. Final alignmen			
				be provided for the specialis			
			Notes	navigating proposed routes	during their		
				analysis.			
				 Create a detailed trail projemages, illustrations, and ma 			
				will also include recommend			
				signage/marking, parking ar			
				crossings, fence crossings, w			
				trailhead kiosks where appr	-		
				- No bridge engineering is in			
				crossings.	ciaaca ioi water		



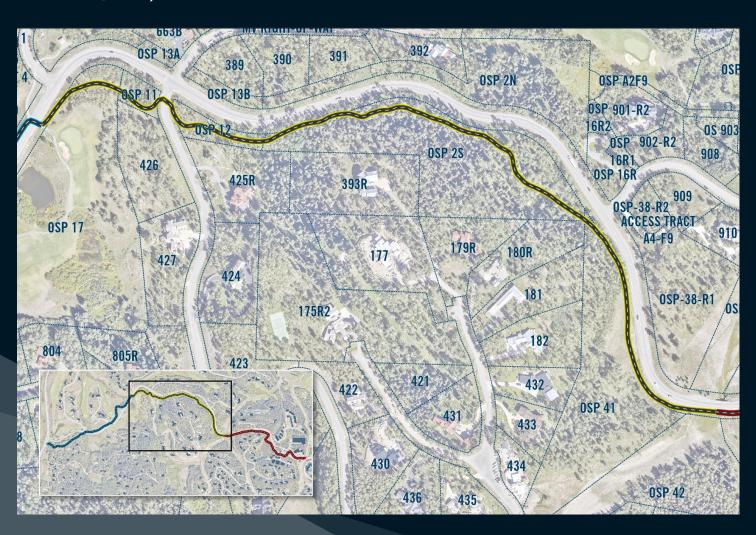
BOULEVARD TRAIL IMPROVEMENTS (CENTER SECTION)





BOULEVARD TRAIL IMPROVEMENTS (CENTER SECTION)

COST: \$275,000 LENGTH: 0.67 MILES



- Divided into 3 sections:
 - » Blue West (0.63 miles)
 - » Yellow Center (0.67 miles)
 - » Red East (0.59 miles)
- NS-4 in Trails Master Plan
- Multi-use hike / bike
- Open space parcels:
 - OSP 17 (TSG)
 - OSP 11 (MV)
 - OSP 12 (MV)
 - OSP 2S (TSG)
 - OSP 41 (MV)



BOULEVARD TRAIL IMPROVEMENTS (CENTER SECTION)

COST: \$275,000 LENGTH: 0.67 MILES

Timeline: 3 months

• Start: June 15, 2024

• Finish: September 15, 2024

• Contractor: Telluride Landscaping Co.

Scope:

» Renovation of existing trail

» Reestablish existing path to 8' 0"

» Add / enhance drainages

» Replace retaining walls

» Install new retaining walls

» Import fresh surface material

Notes: Procurement contingent upon funding

Boulevard Trail Section One:

Touchdown Drive to Bridges Ski Run (approximately 3,600 linear feet)

Phase One (Summer 2024):

Regrade, realign, improve and widen current trail to match the sample photos provided earlier.

- rough grade/shape (9' wide trail) shoulder varying width and landscape adjacent to trail
- provide and place fill and road base 8' wide throughout as needed, approximately 200-250 tons fill and 450-500 tons of 34" roadbase
- topsoil and reclaim all disturbed areas along trail and a staging areas
- ~ rough in and lay back slopes to reduce need for retaining walls

Total Estimated Cost = \$234,000

Phase Two (Fall 2024/Spring 2025):

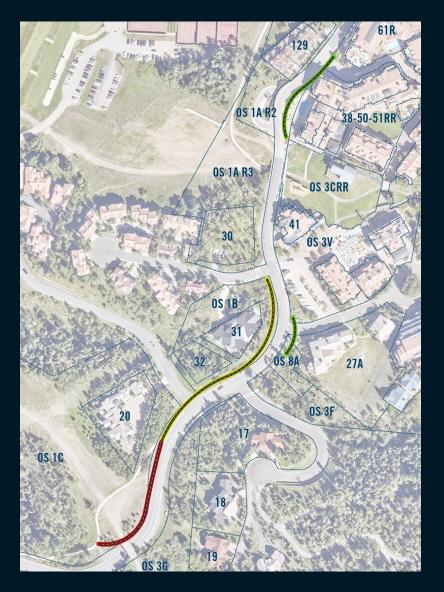
Trail Mix Completion

- ~ Detail rough grade and roadbase tune up post winter settling
- Provide and place trail mix throughout (7' wide 1.5" average depth, approximately 250-300 tons) Finish grade and final details

Total Estimated Cost = \$90,000



ON-SYSTEM IMPROVEMENTS





ON-SYSTEM IMPROVEMENTS

COST: \$515,000* LENGTH: 0.33 MILES

*\$515,000 TOTAL PROJECT COST - EACH SECTION HAS INDIVIDUAL COST



RED: Boulevard Trail Reroute at VPB Ski Bridge

- SU-2 in Trails Master Plan
- 0.1 miles
- \$300,000
- OS 1C (TSG)

YELLOW: ADA Sidewalk Connection Vischer to Aspen Ridge

- SU-2 in Trails Master Plan
- 0.1 miles
- \$60,000 planning and engineering only
- OS 1C (TSG)
- OS 1B (MV)

GREEN: ADA Sidewalk Improvements Lost Creek Lane East & Madeline Frontage

- Connection of SU-1 and SU-3 in Trails Master Plan
- 0.1 miles
- \$155,000
- Open space parcels:
 - OS 8A (HIGHLAND CO. LLC)
 - OS 3V (MV)
 - OS 1A (WD AND VT TRUST)
 - OS 3XRR (MV)
 - 38-50-51RR (WD AND VT TRUST)



ON-SYSTEM IMPROVEMENTS

COST: \$515,000* LENGTH: 0.33 MILES

*\$515,000 TOTAL PROJECT COST - EACH SECTION HAS INDIVIDUAL COST

- Timeline: 3 months
- Start: June 1, 2024
- Finish: August 31, 2024
- Contractors: Uncompander Engineering, PST Engineering, SGM, TBD construction firm
- Scope:
 - » Design and engineering for all 3 sections
 - » Construction of red section reroute Boulevard Trail under Village Bypass bridge
 - » Construction of green sections new sidewalk section connecting Boulevard Trail with ADA ramp at Lost Creek Lane and new ADA ramps at Madeline frontage
- Notes: Procurement contingent upon funding

					DRAFT F	OR R	EVIEW AND COMMENT	
Bid Item No.	Construction Item	Unit	Estimated Quantity		Unit Cost	Е	stimated Costs	% OF (a)
1	Stormwater Management & Erosion Control	LS	1	\$	2,000.00	\$	2,000	1.20%
2	Sidewalk Removal	SY	225	\$	30.00	\$	6,750	4.05%
3	Bridge Abutment Wall Facing (Architectural)	SF	250	\$	40.00	\$	10,000	5.99%
4	Concrete Sidewalk-Thickened, C&G	CY	40	\$	1,500.00	\$	60,000	35.96%
5	Concrete Sidewalk (6")	CY	30	\$	625.00	\$	18,750	11.24%
6	Rockery Wall	SF	260	\$	125.00	\$	32,500	19.48%
7	Class 6 Aggregate Base Course	CY	60	\$	50.00	\$	3,000	1.80%
8	Unclassified Excavation	CY	140	\$	40.00	\$	5,600	3.36%
9	Site Restoration	AC	1.0	\$	2,500.00	\$	2,500	1.50%
10	Tree Removal	LS	1.0	\$	5,000.00	\$	5,000	3.00%
11	18" HDPE	LF	40.0	\$	100.00	\$	4,000	2.40%
12	CDOT Type C Inlet	EA	2.0	\$	5,000.00	\$	10,000	5.99%
13	Rip Rap	CY	45.0	\$	150.00	\$	6,750	4.05%
	*	S	subtotal of Co	nstr	uction Items	\$	166,850	(a)

General Contractor Project Costs	Unit	Quantity	Unit Cost	Estimated Costs	% OF (a)			
Mobilization	%	8.0%		\$ 13,300	8.00%			
Management/Superintendent	%	5.0%	10 Y	\$ 8,300	5.00%			
Permits	%	0.0%		\$ -	0.00%			
Labor-Misc., General	%	10.0%		\$ 16,700	10.00%			
Traffic Control	%	2.5%		\$ 4,200	2.50%			
Construction Surveying	%	2.0%		\$ 3,300	2.00%			
Overhead and Profit	%	8.0%	10	\$ 13,300	8.00%			
Subsistence	%	0.0%	8	\$ -	0.00%			
Subtotal of General Contractor Project Costs \$ 59,100								

Other Construction Costs	Unit	Quantity	Unit Cost	Estimated	Costs	% OF (c)
Electrical and Controls	%	0.0%	20	\$	2	0.00%
Bonds/Insurance	%	1.5%		\$	3,400	1.50%
		Subtota	l of Other Costs	\$	3,400	(d)

						(-)		
Engineering and Construction Administration	Unit	Quantity	Unit Cost	Estima	ited Costs	% OF (e)		
Geotechnical - Materials Testing	%	1.0%		\$	2,300	1.00%		
Engineering Design and Bid	%	8.0%		\$	18,300	8.00%		
Construction Engineering	%	2.0%		\$	4,600	2.00%		
Contingencies	%	10.0%		\$	22,900	10.00%		
Subtotal Engineering and Construction Costs \$ 48,100								
Engineer's Opinion of Brobable Project Costs (a) + (f) = (a) \$ 274.050								

Low	-15%	\$	232,943
	-10/0	Ψ	232,343
High	25%	\$	342,563

Subtotal of Construction Costs (a) + (b) = (c) \$



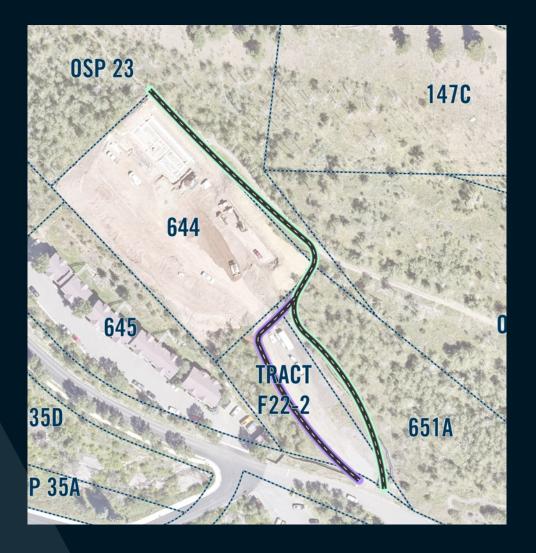
				_		
ENG	ENGINEERING		951\$ Principal 130 Project Engineer		TOTAL FEES	Notes
Subco	onsultants					
	Geotechnical Engineering (Wall)(Trautner)			\$	9,300.00	
	Geotechnical Engineering (Wah)(Trauther) Geotechnical Engineering (Addt'l for Bridge Abutments)(Trauther)			\$	3,200.00	
	Topographic Survey & ROW (one side of road) (San Juan Surveying)			\$	9,500.00	
	Structural Engineer (Wall) (TBD)			\$		Waiting on Quote
	Structural Engineer (Wall) (160) Structural Engineer (Bridge Abutments) (TBD)			\$		Waiting on Quote
	UnCompaghre Engineering (Site Support)			\$	1,000.00	
	. 0 .0			\$	30,000.00	
Conce	eptual Design (30%)				_,,_0.00	
	Coordination (Meetings, Phone Calls, Emails, Site Visits)	12	4	\$	2,340.00	
	Utility Coordination (note 3)		3	\$	405.00	——
-	Public Meetings (assume none)				NA	
	Set up Base Drawing from survey, create existing surface		3	\$	405.00	
	Cover		2	\$	270.00	
	Typical Sections		4	\$	540.00	
	Hydraulic Study (assume not necessary)			Ė	NA	, I
			40			Design assuming future
14	Sidewalk Plan and Profile Sheets (2 sheets)		10	\$	1,350.00	6' shoulder
	Bridge vs Culvert Extension Analysis & Plan Sheet of selected option		10	\$	1,350.00	
	Wall Plan and Profiles (assume 1 sheet)		6	\$	810.00	
17	Engineer's Estimate		6	\$	810.00	\
	QA/QC and Oversight	6	4	\$	1,440.00	\
		18	52	\$	9,720.00	\I
Prelim	ninary Design (75%)					
	Coordination (Meetings, Phone Calls, Emails, Site Visits)	12	4	\$	2,340.00	
	Typical Sections		2	\$	270.00	<u> </u>
	Project Notes (add to cover)		4	\$	540.00	,
					.5.00	Put stormwater on
	Stormwater Management Plan					Contractor.
23	Sidewalk Plan and Profile Sheets (2 sheets)		10	\$	1,350.00	
24	Bridge or Culvert Extension Plan Sheet	\vdash	6	\$	810.00	
	Wall Plan and Profiles (assume 1 sheet)	\Box	6	\$	810.00	
	ADA Ramp Grading at Intersections (3-4 Ramps)		10	\$	1,350.00	
27	Miscellaneous Details	تــــــــــــــــــــــــــــــــــــــ	6	\$	810.00	
28	Signing and Striping Plan					X-walks only (on ADA details or P-pros)
						Put Traffic Control on
	Traffic Control Plan					Contractor.
30	Engineer's Estimate		6	\$	810.00	
	Project Specifications	4	16	\$	2,760.00	
32	QA/QC and Oversight	6	4	\$	1,440.00	·
		22	74	\$	13,290.00	
	Design (100%)					
33	Coordination (Meetings, Phone Calls, Emails, Site Visits)	6		\$	900.00	
34	Plan Revisions		12	\$	1,620.00	
	Assist town with Bid Documents	4		\$	600.00	
	Attend Pre-bid Meeting	8		\$	1,200.00	
	Bidding Process (assume Town will run process, PST answer technical questions and	4	_	ı [_]		,
37	issue Addenda)			\$	600.00	
 		22	12	\$	4,920.00	·
Ι,		L		_		i I
L	Labor Total	62	138	\$	57,930.00	l I
[Expenses (mileage)			\$	500.00	1
		0	all Tex-il	ø	E0 420 00	1
			all Total		58,430.00 28,430.00	1
		PS	ST Total	2	20,430.00	<u>U</u>

	LOST CREEK LANE						
1	Sawcut and Remove Excess Asphalt at Lost Creek Ln		1	LS	\$4,	500.00	\$ 4,500.00
2	Regrade and Pour New Access Sidewalk		1	LS	\$2,	500.00	\$ 2,500.00
3	Install new Curb and Gutter from Belvedere V-Pan	1	.30	LF	\$	65.00	\$ 8,450.00
4	Stripe Crosswalk		1	LS	\$	500.00	\$ 500.00
	PULL-OUT AT GRANITA						
4	Sawcut Slab approx. 15" from Face of Curb	ē	95	LF	\$	15.00	\$ 1,425.00
5	Remove, Re-prep, and Re-Install Curb	Č	95	LF	\$	50.00	\$ 4,750.00
6	Install Sidewalk from Granita to Tie-In at Bridge		8	CY	\$1,150.00		\$ 9,200.00
7	Trench Drain		1	LS	\$1,000.00		\$ 1,000.00
	MADELINE						
8	Move Sign at Madeline		1	ea	\$7,	500.00	\$ 7,500.00
9	Hydronic Repair		4	ea	\$5,000.00		\$ 20,000.00
10	Sawcut, Remove, and Re-prep Each Ramp		4	ea	\$4,000.00		\$ 16,000.00
11	Re-Pour Ramps		4	ea	\$7,	500.00	\$ 30,000.00
12	Re-Do Pavers		2	ea	\$4,	00.00	\$ 8,000.00
	FKL						
13	Sawcut Asphalt	1	.50	LF	\$	8.00	\$ 1,200.00
14	Remove FKL Sidewalk (the red sidewalk)		1	LS	\$2,	00.00	\$ 2,000.00
15	Remove FKL Curb and Gutter		1	LS	\$3,	00.00	\$ 3,000.00
16	New Curb & Gutter - FKL	1	.50	LF	\$	65.00	\$ 9,750.00
17	Pour 160 LF of FKL Sidewalk - match curb	1	18	CY	\$1,	150.00	\$ 20,700.00
18	FKL - Asphalt Patch	3	20	SF	\$	8.00	\$ 2,560.00
					Sub	ototal =	\$ 153,035.00
			Contingency @ 15% =		\$ 22,955.25		
						Total =	\$ 175,990.25



LOWER JURASSIC MEADOWLARK REROUTE







LOWER JURASSIC MEADOWLARK REROUTE

COST: \$25,000* LENGTH: 0.18 MILES

*\$25,000 PLANNING PROJECT COST



MINT (NORTH): Adams Ranch Road to Jurassic Trail Connection

- Working with Alta Planning + Design on design elements
- Natural surface
- Significant retaining walls required
- Lower portion bike only
- 644 feet
- \$500,000
- OSP 23 (TSG)
- TRACT F22-2 (TSG)

PURPLE (SOUTH): Adams ranch Road to Jurassic Sidewalk Connection

- Working with Alta Planning + Desing on design elements
- Curb and gutter sidewalk
- Pedestrian only
- 333 feet
- TRACT F22-2 (TSG)



LOWER JURASSIC MEADOWLARK REROUTE

COST: \$25,000* LENGTH: 0.18 MILES

*\$25,000 PLANNING PROJECT COST

Timeline: TBD

Start: June 2024

Finish: TBD Meadowlark finish grading

- Contractor: Alta Planning + Design
- Scope:
 - » Trail design & specification
 - » Construction document preparation
- Notes: Procurement contingent upon funding

From: Chloe Ward

To: <u>Jim Loebe</u>; <u>Michelle Haynes</u>

Cc: <u>David Foster</u>
Subject: Re: Lower Jurassic

Date: Friday, March 22, 2024 3:59:28 PM

Caution: External Message - Please be cautious when opening links or attachments in email.

Hey Loebe - good chatting with you and Lauren this morning. As promised, here's an email with an estimated fee for completing the full PS&E design/documents for the trail. Let me know if you'd prefer something more formal like a memo or something.

In December 2023, Alta was directed to pause design work on the Lower Jurassic Trail until site grading was completed for the Lot 644 housing development. Once site grading is complete in Spring 2024, we estimate that an additional fee of \$25,000 will be needed to complete the design of the trail and prepare 100% construction documents, specifications, and cost estimate for construction.

CHLOE WARD, PE

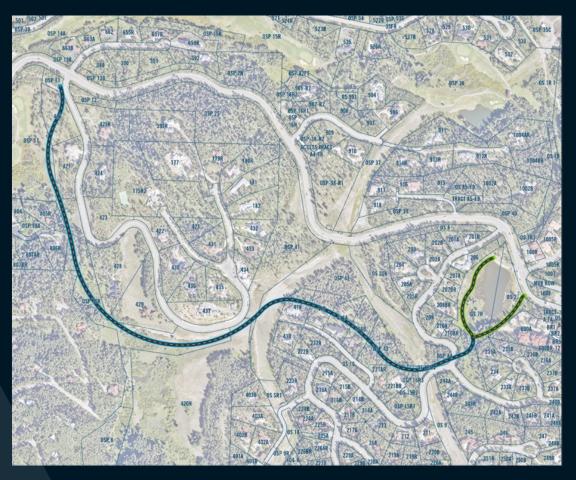
Engineering Associate I | Alta Planning + Design, Inc.

c: 815.505.5170

Glenwood Springs, CO | altago.com



ELK LAKE LOOP & ELK LAKE TO TOUCHDOWN TRAIL

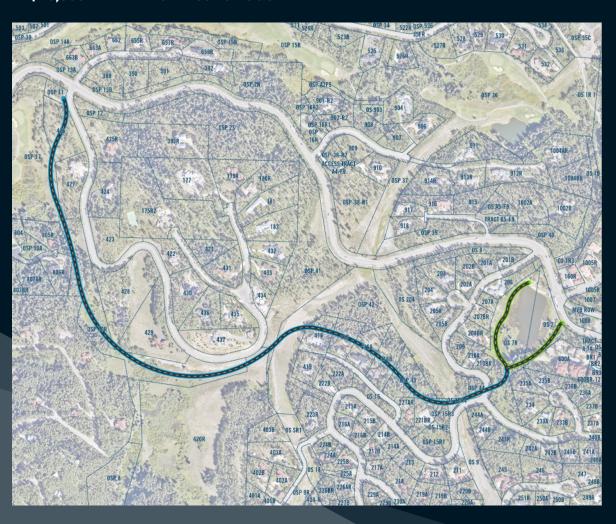




ELK LAKE LOOP & ELK LAKE TO TOUCHDOWN TRAIL

COST: \$15,000 LENGTH: 1.22 MILES

*\$15,000 PLANNING PROJECT COST



BLUE: Elk Lake to Touchdown Trail

- NS-8 in Trails Master Plan
- Multi-use hike / bike
- Beginner level
- 1 mile
- Open space parcels:
 - OS 7R (TSG)
 - OSP 15R3 (TSG)
 - OS 15R4 (TSG)
 - OSP 42 (TSG)
 - OSP 17 (TSG)
 - OSP 44 (TSG)
 - OSP 43 (MV)
 - OSP 41 (MV)
 - OSP 10R (TSG)
 - OSP 11 (MV)

GREEN: Elk Lake Loop

- NS-8 in Trails Master Plan
- Pedestrian only
- 0.22 miles
- Open space parcels:
 - OS 7R (TSG)
 - 0S 2 (TSG)



ELK LAKE LOOP & ELK LAKE TO TOUCHDOWN TRAIL

COST: \$15,000 LENGTH: 1.22 MILES

*\$15,000 PLANNING PROJECT COST

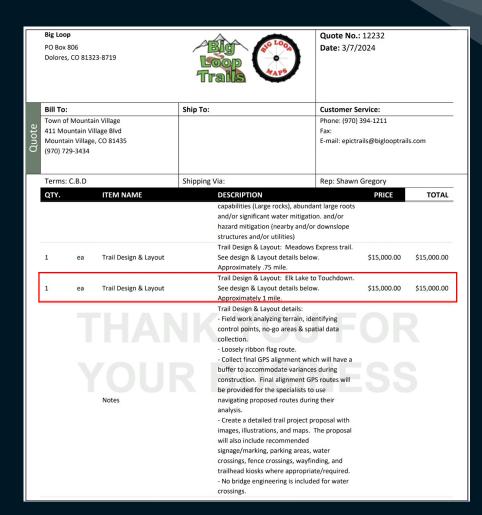
• Timeline: 2 weeks

Start: July 1, 2024

Finish: July 15, 2024

Contractor: Big Loop

- Scope:
 - » Field work analyzing terrain
 - » Loosely ribbon flag route
 - » GPS locate points
 - » Trail project proposal with maps & illustrations
- Notes: Procurement contingent upon funding





PROJECT COST BREAKDOWN

#	NAME	TYPE	COST
1	Big Billies Novice Connector	Construction	\$15,000
2	Stegosaurus Trail	Construction	\$50,000
3	VCA to Boulevard Trail	Improvements	\$10,000
4	Bear Creek Trail	Construction	\$10,000
5	Meadows Express Trail	Planning / D&E	\$15,000
6	Boulevard Trail Improvements (Center Section)	Improvements	\$350,000
7a	Boulevard Trail Reroute at VPB Ski Bridge	Construction	\$300,000
7b	ADA Sidewalk Connection Vischer to Aspen Ridge	Planning / D&E	\$60,000
7c	ADA Sidewalk Improvements Lost Creek Lane East & Madeline Frontage	Improvements	\$155,000
8	Lower Jurassic Meadowlark Reroute	Planning / D&E	\$25,000
9	Elk Lake Loop & Elk Lake to Touchdown Trail	Planning / D&E	\$15,000
		TOTAL:	\$1,005,000

MOUNTAIN VILLAGE

QUESTIONS



THANKYOU

JIM LOEBE

Transit & Recreation Director

jloebe@mtnvillage.org

townofmountainvillage.com

