



CITY OF

SUN VALLEY

REPORT TO THE CITY COUNCIL

TO: Honorable Mayor and City Council
FROM: Bill Whitesell, Street Superintendent
SUBJECT: Sinclair Path retaining wall repairs
DATE: 5/29/2013

BACKGROUND:

In 2009 the City rehabilitated and widened the Sinclair Path from the intersection of Saddle Road to the Diamond Back intersection at White Clouds. The two natural stone dry stacked retaining walls were removed, palletized, and reinstalled with the additional rock. The original walls were approximately four to six feet high maximum. With the widening of the path, it was necessary for the walls to be five to seven feet high. In addition to the higher walls, both areas have slow moving spring water that freezes and thaws and tends to push on the walls.

I contacted Webb Landscaping for a consultation and a recommendation for a permanent repair using the same type of rock at an estimated cost of \$75,182.17. I also received an estimate from Cougar Mountain Redi Rock for a pre-cast concrete wall that would simulate the large stones at an estimated cost of \$140,000.00.

I am recommending that the walls be rebuilt using similar material with a minimum of 2" batter per foot (This means leaning into the hillside). Additional large boulders should be added to increase structural integrity. Rock should also be placed for the best structural effect (more stones "dead-manned" or securely anchored into the hill). I am also requiring a five year warranty on workmanship and materials. This will allow time to monitor the wall and give the native vegetation time to get established in and around the stones and help permanently lock the stones in place.

Costs:

Estimate:	\$75,182.17
5% contingency	<u>3,759.11</u>
Total	\$78,941.28

RECOMMENDATION:

I recommend that the City Council approve funds in an amount not to exceed \$78,941.28 for the repairs and materials needed for the two retaining walls. The project will be put out to bid upon Council approval.

ATTACHEMENT:

Detailed estimate from Webb Landscaping for budgeting purposes.

FUNDING:

Funding for the repair will be split equally between account 10-431-780 – Roads & Paths Maintenance Program and account 10-419-800 – Contingency upon Council approval.

Webb Landscape, Inc.
P.O. Box 744
Ketchum, ID 83340



Office: 208-726-4927
Fax: 208-726-4767
www.webbland.com

ESTIMATE

To: Bill Whitesell

Date: April 24, 2013
Phone: 720-0342

Re: SUN VALLEY BIKE PATH WALL REBUILD

200	PREPARATION FOR EAST ROCK WALL:		
	Remove existing wall & re-excavate for new wall		
80	Hours Labor		
40	Hours Loader/Trackhoe		
		subtotal	5,599.91
201	EAST DRYSTACK ROCK WALL INSTALLED:		
1200	Square Feet Rebuild existing wall with additional boulders		
300	Hours Labor		
60	Hours Loader/Trackhoe		
36	Tons of Drystack Material		
1250	Linear Feet 4" ADS Perf		
60	Cubic Yards 1" Crushed Rock		
1200	Face Feet Rock Installed		
		subtotal	31,103.81
114	EAST FINISH WORK & CLEAN UP		
12	Hours Labor		
8	Hours Loader/Trackhoe		
4	Hours Walk Behind Sweeper		
2	Trash Haul- 12 cubic yards per haul		
		subtotal	1,419.98
200	PREPARATION FO WEST ROCK WALL:		
	Remove existing wall & re-excavate for new wall		
76	Hours Labor		
36	Hours Loader/Trackhoe		
		subtotal	5,219.91

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ESTIMATE

201	WEST DRYSTACK ROCK WALL INSTALLED:		
1150	Square Feet Rebuild existing wall with additional boulders		
288	Hours Labor		
56	Hours Loader/Trackhoe		
36	Tons of Drystack Material		
1300	Linear Feet 4" ADS Perf		
60	Cubic Yards 1" Crushed Rock		
1150	<i>Face Feet Rock Installed</i>		
		subtotal	30,418.58
114	WEST FINISH WORK & CLEAN UP		
12	Hours Labor		
8	Hours Loader/Trackhoe		
4	Hours Walk Behind Sweeper		
2	Trash Haul- 12 cubic yards per haul		
		subtotal	1,419.98
Thank You,			
Cliff Cunha			
Project Manager			
		EAST TOTAL, ESTIMATED: \$	75,182.17

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ESTIMATE

To: **Bill Whitesell**

Date: April 24, 2013
Phone: 720-0342

Re: **SUN VALLEY BIKE PATH WALL REBUILD**

JOB TOTAL, ESTIMATED: \$ 75,182.17

WEBB LANDSCAPE CONTRACT:

OUR COMMITMENT:

- ▶ To insure all work shall be constructed of quality materials and completed in a professional manner according to standard practices
- ▶ To maintain the integrity of our company through accountability for our projects with emphasis on efficient water usage and maintenance plus best practices towards environmental stewardship, efficiency and accuracy.
- ▶ To develop positive working relationship with our clients and maintain those relationships with full service, year round, maintenance.

WARRANTIES & INCLUSIONS:

- ▶ This project qualifies for our 5 Year Guarantee on materials and workmanship

GENERAL TERMS & POLICIES:

- ▶ Prices reflect the 2013 work season
- ▶ Winter weather conditions may increase costs.
- ▶ This is a cost estimate based on information and/or plans provided to Webb.
- ▶ Any engineering/ permits or subcontracted work not listed on this estimate are considered the responsibility of the responsible party
- ▶ Estimates are subject to change or cancellation after the end of the current growing season
- ▶ Final costs may vary according to on site changes and actual quantities installed.
- ▶ Final billing shall be imposed upon actual quantities used and labor to install.
- ▶ A deposit of one-third the Estimate total is due prior to the start of the project. Subsequent invoices shall be submitted, on a monthly basis as work progresses.
- ▶ A 1.5% monthly finance charge shall be imposed on any portion of account not paid within 30 days of final billing.

ACCEPTANCE:

The prices, specifications and conditions are satisfactory and accepted.
Webb Landscape, Inc. is hereby authorized to perform job as specified.
Payment shall be made as outlined above.

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ESTIMATE

Responsible Party

Date