



# The Front Range Climbing Stewards

## 2018 Nip & Tuck Base Area Project Report

May 26<sup>th</sup> 2018

### Synopsis:

On May 17<sup>th</sup>, 2018 the FRCS completed an initial phase of the Nip & Tuck Base Area project. The objective of this phase of the project was to improve the crag's approach trail and the Old Dihedral base area by creating hardened, durable surfaces for the trail tread & staging areas used by the climbs in this specific section of the crag. This effort is designed to mitigate the erosion that takes place due to the amount of climbers that frequent this area. This was accomplished by enhancing the existing trail with stone structures, creating retaining structures near the base of the climbs. Additionally, a tread was enhanced through the talus at the base of the wall in order to promote visitors using this trail as opposed to walking along the road to access this section of the crag.

The stone structures (**Figures 1 & 2**) were composed of steps and retaining structures that were designed/built with erosion mitigation in mind. The quarrying of stone material took place locally in the talus field just below the crag and transported via man-power to the worksites. The quarrying and transporting of material was strategically done so as to develop and highlight an approach trail to the section of the cliff away from the road.





Figure 1 (before & after)

### Volunteer Component:

This work was completed by a primary crew of 3 FRCS trail staff and complimented by volunteers during three weeks in May 2018. Volunteers were provided by support from a few local businesses: Colorado Mountain School, Neptune Mountaineering and DigitalGlobe. Each helped to either send staff as volunteers or to solicit volunteers from their place of business.

This collaboration was much appreciated as it allowed the FRCS field staff to accomplish more work during the 11 work days on the project. There was a total of 19 volunteer days on this project contributing 80 hours of





volunteer labor. (see appendix A: Nip & Tuck Volunteer Log) Because of this collaboration an incredible amount of structure was built in a relatively short amount of time. See Metrics table below.

### Metrics:

The metrics of the project are categorized in the following categories with the corresponding amount and unit of measure.

outcome	amount	unit
Trail Improved	155	L FT
Rock Step	45	#
Retaining Wall/Structure	168	SQ FT
Rubble Wall/Structure	80	SQ FT
Staging areas constructed	102	SQ F
aggregate Backfill	264	CU FT
Move Rock by Hand	157	#
Rock Quarrying	196	CU FT

Figure 2 (before & after)



**Appendix A:**

**Nip & Tuck 2018 Volunteer Log**

<b>Volunteer Name</b>	<b>Date</b>	<b>Hours</b>
Elizabeth Golden	5/4/2018	4
Brion Holland	5/4/2018	4
Joshua Bourquin	5/4/2018	4
Michele Orme	5/4/2018	4
Brenda Breckel	5/4/2018	4
David Flavin	5/4/2018	4
Amber Wilson	5/4/2018	4
Anna Rubino	5/4/2018	4
Joel Mendez	5/4/2018	4
Japhy Dhungana	5/7/2018	4
Russel Hunter	5/8/2018	4
Bernardo Beteta	5/8/2018	4
Nick Kaufhold	5/9/2018	3
Adam Burazin	5/14/2018	9
Rob Coppolollo	5/14/2018	4
Troy Kellenberger	5/14/2018	4
Simon Montgomery	5/14/2018	4
Japhy Dhungana	5/15/2018	4
Bernardo Beteta	5/15/2018	4
<b>Total Hours</b>		<b>80</b>