

## 2. Red Rock Open Space Rock Face Alternatives

As a result of US 24 being expanded from four lanes to six lanes within the Rural Design Segment, the existing rock face, west of 31st Street and south of the highway, will be impacted. The rock in this location will have to be cut back in order to accommodate additional travel lanes.



Several aesthetic treatment alternatives for the rock cut have been proposed. Further design and engineering of this area however, will be necessary as no geotechnical information was available at the time these alternatives were prepared. A thorough review of the geology of this hogback will provide valuable information on the design alternatives that are possible at this location.

The first alternative includes rock sculpting to remove rock, but done in a way that the face looks natural when complete. This will require rock staining. This will only work if the rock has the structural integrity to stand on its own. Additional evergreen trees will be installed where practical and the existing fence will remain.

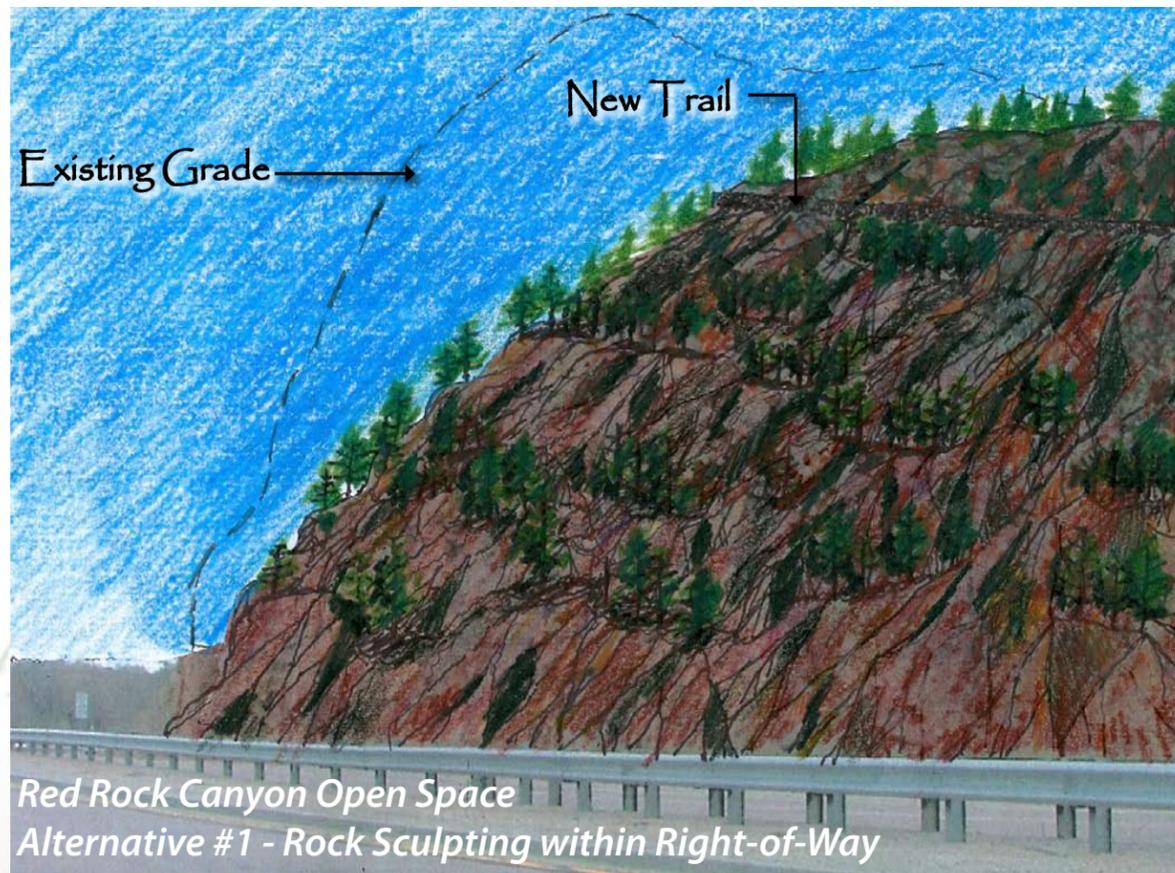
The second alternative proposes an angular pre-cast/cast-in-place stained concrete retaining wall. This alternative resembles the lines and colors from the Garden of the Gods Park. By providing an angular design, the rock face is in keeping with the natural setting. The angular form is augmented with planting beds to allow for greenery, as well as to control run-off from the face of the wall. The bands of color should be a natural stone palette and should be large enough so that the detail is not lost to neighboring homes and businesses.

See page 21 for the color palette.

The third alternative provides construction of a modular block wall with texture variations. In this concept, different block face textures would be arranged to create visual interest. Color variations in the blocks could

also be used to create an accent pattern in the wall. See page 21 for the color palette.

Alternatives #2 and #3 would be required if the rock face, after being cut back, did not exhibit the structural integrity needed to stand on its own.



Red Rock Canyon Open Space  
Alternative #1 - Rock Sculpting within Right-of-Way



Red Rock Canyon Open Space  
Alternative #2 - Pre-cast/cast-in-place concrete wall



Red Rock Canyon Open Space  
Alternative #3 - Block wall with color variations