

PROJECT

Cedar Breaks Overlooks Rehabilitation
Cedar Breaks National Monument, Utah

CLIENT

National Park Service
Intermountain Region
Lakewood, Colorado

PROJECT DESCRIPTION

The historic overlooks at Cedar Breaks National Monument, built in the 1940's to provide visitors with views of the deep canyons, experienced severe crack formations in the past years that have compromised their structural integrity. Atkinson-Noland & Associates was retained to provide engineering services for site investigations, conceptual repair recommendations, and completion of 100% construction documents for stabilization and rehabilitation of the historic stone walls that comprise North View and Chessman overlooks. Different stabilization solutions were evaluated to protect and preserve the historic nature of the walls. Ultimately, a mechanically stabilized earth wall was chosen as the most appropriate solution for strengthening the existing structures.



Stone masonry retaining wall at Chessman Overlook, UT



Typical wall crack at the Cedar Breaks Overlooks

SERVICES PROVIDED BY ATKINSON-NOLAND

- On-site evaluation of the retaining structures and crack-mapping
- Design of repairs to the existing walls
- Design of new mechanically stabilized earth wall and connections to the stone masonry walls
- Generation of construction documents and specifications



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