

RAINBOW BRIDGE NATIONAL MONUMENT



Location: Lake Powell, UT

Markets: Government & Municipal | Parks & Recreation

To repair trail damage in the very remote Rainbow Bridge National Monument, all equipment, materials, and personnel were transported via barge. This project is a great example of the value of a thorough preconstruction process, wherein all cost savings opportunities were explored.

High water events in the autumn of 2013 caused significant damage to the Rainbow Bridge Trail in Rainbow Bridge National Monument – a remote National Park Service site accessible only via footpath or by boat.

Repair and reconstruction of the trail required barge transport of all equipment, materials and personnel from Page, Arizona to the job site. To reduce transportation costs and job duration, houseboat housing was supplied for the crew, who maintained a continuous work schedule.

The trail repair and improvement process included trenching and excavating for a new gabion trail support structure and installation of the gabion. To address additional erosion caused by an overhead waterfall feature during flash flood events, Loven Contracting designed and constructed a concrete pad in the water flow's impact zone. At completion of construction, the crew removed the temporary trail reroute and the equipment access road. Site clean-up and restoration activities were conducted per National Park Service standards.



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Loven Contracting designed and constructed a concrete pad in the water flow's impact zone to address erosion during flash flood events.