

GLEN CANYON BRIDGE PIPELINE REPAIR



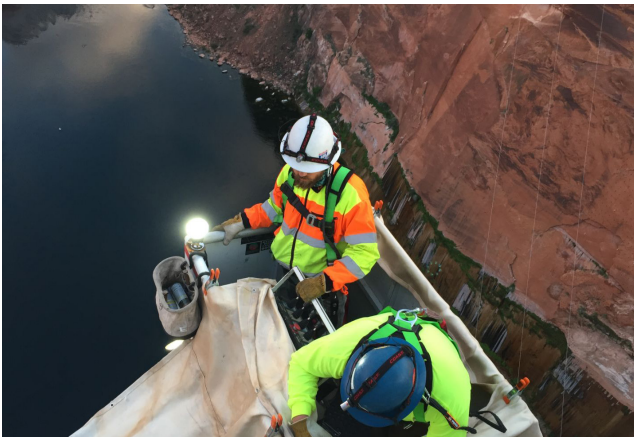
Location: Coconino County, AZ

Markets: Government & Municipal

Glen Canyon National Recreation Area has their largest wastewater treatment facility located at Wahweap Marina, which pumps sewage to Page crossing the Glen Canyon Bridge at the Colorado River. The sewer force main at this facility hangs off the side of the bridge 800 feet above the water below and was deemed in critical condition. Loven Contracting acted quickly and performed immediate assessments of the pipeline structure upon contract award.

When the sewer main on Glen Canyon Bridge was deemed to be in critical condition, Loven Contracting responded immediately to perform assessments and upon award, acted quickly to perform repairs.

After the pipeline breaches were identified, Loven Contracting developed a scope of work to perform the immediate repairs required to allow the pipeline to function properly. In order to access the pipe and begin the repair process, a bridge truck was utilized to lift personnel out and over the side of the bridge. Using the bridge truck required closure of a travel lane on the bridge, restricting traffic flow. Due to an outstanding traffic permit between ADOT and the local houseboat transportation company, the bridge lanes could not be restricted between the hours of 6am and 8pm. As such, all traffic closures and bridge truck activities were conducted after 8pm.



Working 800 feet above the Colorado River demands the highest levels of safety compliance. Our VPP Star Safety Rating makes us the best possible choice for projects with specialty safety requirements.

In addition to our construction services, Loven Contracting provided valuable recommendations and advisement to the National Park Service to ensure the pipeline's future long-term performance. This project came in below original estimates, providing an overall cost savings to the National Park Service.



Loven Contracting worked with ADOT to coordinate a single lane bridge closure - possible only at night. All work was completed after hours and without impeding the daytime business activities of community stakeholders.