

**Repair Lateral 3 – Upper Reach
(2013-C-47)**

Project Ranking

96%

Total Estimated Cost: \$120,000



Background

Lateral three is a multi-joint pipe configuration contained in a concrete vault located in the Upper Reach of the system. The vault contains a riser coming through the concrete floor, a meter, a valve, and affiliated piping. Lateral three originally functioned as an operational component of GWD. This lateral no longer operates as an operational component of GWD and currently functions as a blow-off structure.

Need for Project

The riser extending from the South Coast Conduit through the vaults' concrete floor was discovered to be leaking when the lateral was taken out of service. A temporary fix of mortar was placed on the pipe and the floor connection to eliminate leaking into the vault. Because of the fragility of this temporary fix, regular maintenance cannot be performed to the remaining components within the structure.

Description

The vault sits directly on top of the South Coast Conduit. The vault must be removed to access the riser component extending into the vault. Removing the vault will require replacing three sections of the South Coast Conduit. A new blow-off structure will be re-constructed in its place. The repair would require a shutdown of the SCC and coordination with impacted Member Agencies. The project would require retention of an engineering and contractor services.

Regulatory Compliance

N/A

Budget & Schedule

Internal Staff Estimate

Fiscal Year	Cost
2016-17 (Phase I – Engineering)	\$ 20,000
2017-18 (Phase II – Construction)	\$100,000
Total	\$120,000