



RED BUTTE CULVERT AT 1300 East

Project Update - September 2015

Red Butte Culvert at 1300 East- Rehabilitation

BACKGROUND AND NEED

The existing culvert under 1300 East is in very poor condition. Holes have been worn through the bottom of the box culvert in several spots. This project is to construct a new floor in the existing culvert. As part of this project, we will be incorporating riparian corridor improvements. The main feature is the installation of an energy dissipation plunge pool on the west/downstream side of the culvert.

CONSTRUCTION SCHEDULE

This project was originally budgeted in the 2014 Fiscal Year. It was presented to the Community Councils for input in the fall of 2013. Neighbors and the community were also contacted to provide input on the project.

The project bid in summer of 2014 for construction in the winter of 2014-2015. The rock pool was constructed and a new floor was poured in the culvert in March of 2015. Unfortunately, the concrete supplied did not meet the required specification and had to be removed with jackhammers.

A second attempt to pour the floor was delayed until early summer due to the snowmelt and spring rains. In July of 2015, it was found during the pouring of the concrete floor that water was coming through the existing culvert bottom and washing out the uncured concrete. The work was stopped and the concrete was removed.

During August, no work was done on the site while an analysis of the difficult conditions and method to install concrete was decided upon. Different plans to mitigate the effects of the water were contemplated. The method that was chosen is to install a series of sump pumps cut into the floor to remove water. The concrete floor will then be poured in sections. We expect this work to start in the next couple of weeks.

Once the concrete floor has been completed, the landscaping and restoration will be completed. The project should fully be completed this fall.

CONSTRUCTION SCOPE

The remaining construction work will include: concrete trucks and pumping, staging of materials (i.e. equipment, soil, plants, etc), concrete placement, and landscaping activities.

ROAD CLOSURES AND DETOURS

Harvard Avenue from 1300 East to Douglas Street may be closed at times during the project for the staging of materials and the safety of the project.

SAFETY

Safety is a top priority for SLC Public Utilities. We encourage and appreciate neighborhood participation to keep children away from the construction equipment and work areas. **Parents, please talk with your children about staying away from potentially dangerous construction and staging areas.** If you see any vandalism or trespassing in construction areas, please call the **Salt Lake City Police Dispatch: 801-799-4600** to report the incident.

For water, sewer, and flooding emergencies, please call our Public Utilities Dispatch at 801-483-6900. This line is staffed 24 hours a day.

CONTACT INFORMATION: Salt Lake City Department of Public Utilities

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SEE PROJECT AREA MAP ON BACK



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The Red Butte Culvert at 1300 East Rehabilitation Project Area Map

