

# Orange Street Sewer Rehabilitation – Phase 2

**R**ehabilitation of the Orange Street sewer trunk line is starting in fall 2013.

## BACKGROUND AND NEED

The Orange Street sewer collects sanitary sewer flow from the west side of Salt Lake City. Phase 1 of the Orange Street sewer rehabilitation was completed from the Water Reclamation Plant near the Rose Park Golf Course along Redwood Road to North Temple Street and was finalized in 2013. The alignment of this Phase 2 project is on Orange Street from North Temple to California Avenue (see project map at the end of this flyer).

The Orange Street sewer has served residents for almost 50 years. However, Salt Lake City Department of Public Utilities inspected the sewer and found that the sewer in this area is in poor condition and needs to be rehabilitated.

Fortunately, the city is able to use newer technology to install a liner inside the existing pipe which will limit the amount of open cut work and minimize the impact to the public. This installation will take place while the old sewer line is still in service. Liner installation and re-establishing customer service connections will require some excavation.

## CONSTRUCTION IMPACTS

Construction is anticipated to begin in the fall of 2013. Completion of the entire project is dependent upon available funding. The project includes cleaning of the sewer to remove sediment and debris before rehabilitation.

Since this is a project using trenchless technology, impacts will be much less than with a traditional open-trench project. However, impacts may include noise, odors, roadway access, and traffic. Salt Lake City Public Utilities will work closely with the rehabilitation contractor to minimize inconvenience to the public.

A majority of the work will take place within existing streets. However, in some areas the sewer may be located under sidewalks. Salt Lake City Public Utilities has taken measures to minimize excavation of access pits at locations that would impact private property.

## ROAD CLOSURES AND DETOURS

Construction crews will be accessing the sewer line through the sewer manholes. Traffic disruption will be minimized; however, because the sewer will be accessed via manholes, traffic will be restricted adjacent to the contractor's work area. **Business accesses will remain open.** The public may be required to cross steel plates covering some minimal trenching. Construction crews will jack and bore under existing train tracks and I-80 to access the existing sewer line under these areas without interrupting rail and interstate traffic.

Notification will be sent to each residence in adjacent areas before construction begins. The notice will address the timing of construction, anticipated traffic restrictions, potential service interruptions, and any other impacts of the project.

Prior to work in high-traffic areas, the contractor will submit a traffic plan to Salt Lake City traffic engineers (and to UDOT for work near I-80) for their review to ensure impacts to the public are minimized.

Residents are asked to avoid parking vehicles within the road right-of-way while rehabilitation activities are occurring on their street. This will protect personal property, minimize impact to neighborhoods, and expedite work. In most cases, the contractor will be required to complete sewer cleaning and lining and road restoration during a 45-day period to limit the period of impact on any one street.

## SAFETY

Safety is a top priority for Salt Lake City Public Utilities. We appreciate neighborhood efforts to keep children away from 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 trespassing in construction areas, please report to the **police dispatcher at 801-799-4600.**

**EASEMENTS**

Most of the Phase 2 Orange Street sewer trunk line is constructed on public roads and within city easements. Salt Lake City Public Utilities will be contacting residents if easements and agreements are needed.

**FREQUENTLY ASKED QUESTIONS (FAQ)**

Q: Will I see construction on my street or property?  
A: The pipeline route is shown on the attached map. Most rehabilitation activities will be in the roadway. You will be notified several weeks prior to construction in your neighborhood and will be advised of any impacts at that time.

Q: What impacts can I expect?  
A: The construction activities may have local impacts on traffic and brief impacts on roadway access. Two-way traffic will be maintained through intersections. During pipe cleaning and lining, residents adjacent to rehabilitation activities may notice noise and odors. The contractor must comply with terms of the Salt Lake County noise permit and must also take measures to minimize odors.

Q: I am handicapped. Will access to my house or business be blocked?  
A: Temporary access will be provided and permanent access will be restored as quickly as possible. Please inform us if you have any concern, and we will take every effort to ensure you have unimpeded access.

Q: Will my sewer service be interrupted?  
A: Residents will be notified in advance if there will be any service interruption. Service interruptions are brief but may be required to re-establish connection of your service line to the trunk sewer. You will be notified once service has been restored.

Q: Does the contractor need to enter my home to reconnect the service connection?  
A: No, the contractor will not enter your home. Some technologies allow reconnection from inside the newly-lined pipe. Any excavation to re-establish a service connection would be adjacent to the sewer pipe, which is usually located in the street or under the sidewalk.

Q: Will I notice any difference in sewer service after the rehabilitation project?  
A: Rehabilitation of the sewer will ensure it performs as it was intended. It will prevent failure of the sewer and protect public safety. If it were not rehabilitated, you could expect an increasing frequency of failures and service interruptions.

**CONTACT INFORMATION:**

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Salt Lake City Department of Public Utilities

Contractor name and contractor information: (to be shared when available after bidding)

**PROJECT MAP**

