



H Street Project

Scope of Work, Communication Plan, & Tentative Timeline

H Street is in poor condition. The City looks forward to seeing the street restored to an attractive and functional state. The street surface has failed in many locations as has the adjacent concrete gutter and curb. Alternatives to extend the life of the street surface such as patching, crack sealing, slurry seal or overlays are not a viable solution given the poor condition of H Street. Rebuilding the street and replacing the curb and gutter is the only option for long-term improvement at this point.

Likewise the aging water infrastructure under the street has been extended well beyond its useful life. Water mains under some portions of H Street were installed prior to 1926 and some as early as 1909. The line is constructed out of cast iron – the most brittle water line material with the highest breakage rate in the industry. Cast iron lines have an average life of 50 years. Staff has observed that the mains have leaded joint construction, which provides additional reason to replace the mains. Improvements to the water infrastructure will help to increase fire flows particularly between 11th Street and Highway 50 and on I Street between 4th and 6th Streets.

City Council awarded the bid for H Street Reconstruction to Y & K Excavation, Inc. All work will be inspected by the City's engineer with additional supervision by the Public Works Director and Streets and Utilities Supervisors. Surveyors will set and verify grades for the project and a geotech firm will provide testing for compaction and asphalt and concrete quality. Significant changes to the approved bid will be brought to the City Council for review and approval.

This project will be completed in two phases over the next two years. Phase I will include work between 3rd Street and 8th Street in the summer and fall of 2014 (completion scheduled for October 3, 2014). Phase II is scheduled for 2015 and is expected to be from 8th Street to the intersection with Highway 50. Work done on the south end of H Street and within Highway 50 right of way will require a CDOT permit.

Scope of Work

1. Water

This aspect of the project will involve shutting off water to blocks of property at pre-determined times during the project. The weekly schedule updates will alert the public to anticipated shut-off times and duration. When prolonged outages are anticipated (more than 8 hours) temporary water will be provided to each property. Door hangers will be used the day prior to any shut-offs to help alleviate the inconvenience during construction.

a. Mains

Water mains extend the length of H Street between 3rd and Highway 50. Water mains will be generally centered under the street and buried with 5' feet of cover. The main will be replaced the length of H Street and main connections will be made or improved at 3rd Street, 5th through 9th, 11th, 13th and Highway 50 as part of this

project to improve fire flows. New valves will also be installed at each intersection as appropriate.

b. Service lines

Water service lines from the mains to the 'shut off' or 'curb stop' for each lot will be replaced. Where there is a vacant lot, service lines and a shut off will be installed so that the street does not have to be cut in the future if the property is developed.

c. Meters

The City encourages every homeowner to place the water meter in a basement or crawl space if one is available. The existing meters can generally be relocated to this new location. This will greatly limit freezing of the meters and lines. Public works will coordinate with property owners in advance regarding their options for meter relocation.

For meters that remain in the right of way, the pits will be lowered to the specified depths where possible and sealed.

d. Hydrants

There will be 9 new fire hydrants installed over the course of both phases of the project.

e. Sidewalks

Sidewalk replacement is not within the scope of this project. Repair and replacement of damaged sidewalks is a problem throughout Salida. The City Council recently determined that they plan to fund the replacement of missing or damaged sidewalk throughout the City over the next 3-5 years.

2. Sewer

A 70 linear foot section of old clay sewer main at the intersection of 7th and H Streets will be replaced with new 8" line. Replacement of this pipe now will prevent future cutting of the new street.

3. Curb & Gutter

The project scope includes installation of curb and gutter from 3rd Street to Highway 50, including areas where no curb currently exists. Due to the extent of deterioration of existing curb and gutter in the project area, all of it will be removed and reconstructed. The curb and gutter will be located 1.5' further into the existing street in order to create wider parkways and better accommodate existing and future trees. The gutter pan is 2' wide. Curb is 6" tall and 6" wide.

4. Street

a. Re-build

The entire street will be removed during this project including all asphalt. After installation of water mains and service lines the street will be rebuilt including a minimum of 6" of Class 6 aggregate base course beneath the asphalt. The elevation of the new street and asphalt will generally match that of the existing street.

b. Pans

Concrete pans will be installed at all intersections as needed to create the efficient flow of water down H Street to the stormwater collection system. Pans will not be installed at intersections with stormwater inlets. All pans will conform to City specifications allowing a maximum drop of 1.5” in the pan.

c. Width

The width of the street will be 36’ including curb and gutter, or 31’ of asphalt. This will allow for 7.5’ of parking against the curb and 10’ travel lanes in each direction.

5. Stormwater

Stormwater is currently surface sheet flow on the street with the only collection at the intersection with 3rd Street. Without directed flow and collection, water collects in low spots today causing flooding and ice build-up. Stormwater has caused significant flooding on lower H Street and this will be corrected with the project. Inlets will be installed at each intersection from 3rd to 10th Streets and underground transmission for stormwater will be buried beneath the new street. Infiltration galleries are being considered between 10th Street and Highway 50.

6. Trees

Dead or diseased trees as determined by the Salida Tree Board have been removed as part of the project. The remaining trees within the project area have been pruned to improve safety and extend the life of the tree.

Increasing the parkway width from 4.5’ to 6’ should allow more space for some of the existing mature trees to remain in place with sufficient space to grow without causing undue damage to adjacent infrastructure. It will also allow for medium sized trees to be planted in the future, where now only ornamentals are permitted. This will allow for a greater variety of species to be fostered in our street corridor as well as permit the planting of trees that produce more shade and a larger canopy.

New trees may be placed in the parkways through individual property owners working with the Tree Board and their Adopt-a-Tree program. All tree related expenses are assumed to be part of the project cost for H Street.

7. Utilities

Overhead utilities along H Street have been placed underground where feasible in advance of the street rebuild. The franchise agreement between the City and Xcel Energy requires funds be collected that are retained by Xcel for this purpose. The funds may only be utilized in conjunction with a municipal infrastructure project. As Xcel dropped lines and removed poles, the other overhead utilities also dropped their lines for cable, internet and telephone. Atmos has replaced some of their main and service lines in advance of the street rebuild.

Cuts will subsequently be backfilled with flow fill and road base to the level of the adjacent asphalt until the street is completely rebuilt. There are several locations between 10th and Highway 50 which will remain as a filled cut until Phase II in 2015.

Parkway Landscaping

Removal of curb and gutter will likely damage existing parkway landscaping or materials within 2' of the curb. Residents and property owners should begin thinking about whether there are plants or materials that they would like to remove in advance of this work. Plants and materials will need to be stored for several weeks before the new curb and gutter is formed and the wider parkway is backfilled with new soil. Property owners are responsible for the restoration of the parkways.

Concrete walks that extend from a front porch to the curb will be extended to the new curb line. For properties with concrete parkways, there will be a dirt gap of 1.5' between the existing concrete and the new curb line. These property owners are encouraged to work with the selected contractor if they would like to either remove the balance of the concrete or have new concrete placed to fill the gap.

Weekly project updates will provide information about the timing of curb removal once a contractor has been selected.

Street Closures

Due to the nature of the project, street access will be limited for extended periods. Residents should plan ahead for alternative places to park vehicles that are normally parked on H Street or in a garage or driveway accessed from H Street. The US Postal Service and other package delivery services will need to adjust their routes to continue serving the properties but no interruption of service is expected.

Communication Plan

The City will make reasonable efforts to keep the public and impacted residents informed about the project and anticipated impacts including road closures and water service interruptions. The City's project management team is meeting weekly with the contractor to review the schedule during construction and updates will be issued accordingly. Residents and property owners may always contact Public Works directly at 539-6257 for additional information. The office is staffed 7:30 am until 4:30 pm Monday through Friday.

1. Website

The City has created a webpage for this project at: <http://cityofsalida.com/projects/h-street-reconstruction/>. This website will provide project background as well as weekly updates once the project is underway. Public works will take the lead on maintaining and updating this project page with assistance from the Deputy City Clerk and administrative staff.

2. Email

Staff has an initial email distribution list that was begun with the public meeting on January 9th. Interested citizens are encouraged to sign up for project emails by sending an email to Emily Katsimpalis Emily.katsimpalis@cityofsalida.com. Pertinent updates will be sent once the project is underway. Public works will take the lead on email distributions with assistance from the Deputy City Clerk and administrative staff.

3. Press Releases

The City will issue press releases weekly, or more often if needed, now that the project is underway. Press releases are posted on the City's website, and distributed to a variety of

media outlets including newspaper, radio and websites. Citizens who have signed up on the City's website for 'News to Your Inbox' receive an email summary of City press releases no more than once a day. Public works will take the lead on drafting and issuing press releases following each weekly project meeting with assistance from the Deputy City Clerk and administrative staff.

4. Door Hangers

Weekly project updates will alert interested members of the public about the tentative schedule for water shut-offs. Due to the nature of the work it is sometimes difficult to identify many days in advance exactly when the contractor will be able to shut off the supply and commence work on the main. Door hangers on individual properties will be used the day prior to a water shut-off that will impact the property. If the schedule allows, this will be done further in advance. Public works is responsible for distributing door hangers.

Tentative Timeline

Some latitude is allowed for the selected contractor to determine the most efficient mobilization schedule and timeline within the parameters identified in the bid documents. A more detailed schedule of street closures and water main replacement will be available once a contractor has been selected.

May 27 – Construction begins

September 9 – Substantial completion

October 3rd– Asphalt completion