

## Project Details

The SE 82<sup>nd</sup> Avenue Waterline Abandonment Project is a Clackamas River Water (CRW) Capital Improvement Project to remove older, undersized waterlines and improve system hydraulics.

Existing waterlines along this portion of SE 82<sup>nd</sup> Avenue are a combination of 2, 4, 6 and 8-inch steel waterlines, and a 10-inch cast iron pipe. Review of the water system and the system hydraulics, it was concluded that the existing galvanized and steel waterlines were beyond their useful life and should be eliminated from the system. The 10-inch cast iron main would remain in service providing the north/south transmission feed for this area.

The Oregon Department of Transportation (ODOT) notified CRW they would be repaving SE 82<sup>nd</sup> Avenue from SE King Road north to SE Lindy Street in summer of 2017. The work will require CRW to upgrade and adjust numerous water valve boxes, adjust water meters, and relocate fire hydrants. Any later water system work performed in SE 82<sup>nd</sup> Avenue by CRW after the repaving would require the district to perform extensive pavement repairs. CRW decided to avert higher future costs of repair by eliminating old pipelines prior to the ODOT project.

**Construction Cost:** \$600,000

**Benefits:** This project will interconnect the side street water mains to the 10-inch main and remove the aged galvanized and steel pipelines from the system prior to ODOT's repaving of SE 82<sup>nd</sup> Avenue. The work will be performed at various locations along SE 82<sup>nd</sup> Avenue between the CRW northern boundary at SE Clatsop Street and south to SE Glencoe Road. This work is an opportunity to eliminate future maintenance, improve the hydraulics of the area, and save on restoration costs.

## Construction Schedule and Various Impacts

**Aesthetic Impact:** The project will require temporary excavation of roadway for waterline installation. Disturbed portions of the roadway will be repaved at the end of the project.

**Construction Schedule and Impact:**

*Estimated Schedule: March – July 2017*

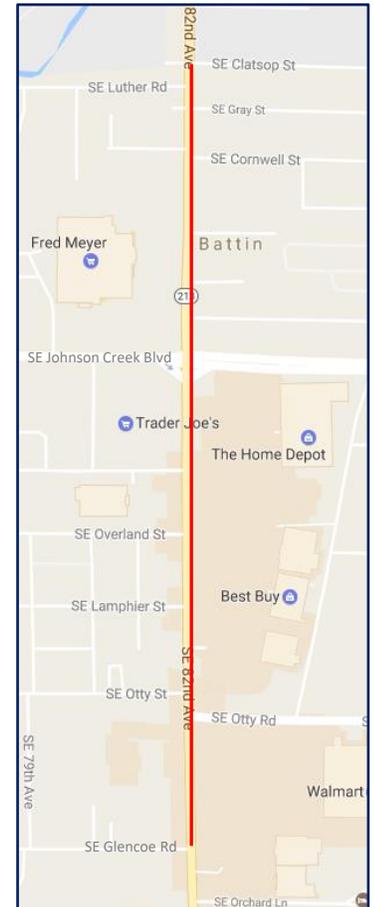
Construction activity will produce nighttime and daytime noise and dust. During the work, there will be open trenches and equipment in the area.

**Time of Day Affected:**

*Monday – Friday, 9:00 a.m. – 3:00 p.m. and 9:00 p.m. – 5:00 a.m.*

**Traffic Impact:** There will be lane restrictions on 82<sup>nd</sup> Ave. between SE Glencoe Rd. and SE Clatsop St. Multiple lane closures are restricted to the night shift.

**Possible Impacts to Surrounding Area:** Waterline construction projects require excavation and related equipment such as; large dump trucks, excavators, cutting of pavement, and trench rollers, and compactors. Business vehicle access will remain open. Customers will be notified of temporarily water service shut downs.



**Contact Information:** Joseph D. Eskew PE, *Engineering Manager*; (503) 723-2565

16770 SE 82<sup>nd</sup> Drive, Clackamas, Oregon 97015 | 503-722-9220 | [www.crwater.com](http://www.crwater.com)

Hours: Monday – Thursday 7:30 a.m. – 5:00 p.m., Friday 7:30 a.m. – 4:00 p.m.

