

## Project Details

This project is part of the Backbone set of projects; an 8 year plan to provide treated water to the District's south service area. The proposed 18-inch transmission main extends from Gronlund Rd. north across the river to terminate within Hwy 224 in anticipation of follow on projects that will provide a transmission main between the new 152<sup>nd</sup> Ave reservoir and the Redland Rd. reservoirs. The follow on projects are scheduled for construction later in 2018. Most of this project pipeline will be installed below ground within the roadway. The river crossing portion will hang below the newly constructed Carver Bridge.

**Construction Cost:** \$1,000,000±

**Benefits:** This project will add pipe to the distribution system and provide a critical link for service to the south zone.

## Construction Schedule and Various Impacts

### Schedule:

*Design Schedule: October – December 2017*

*Construction Schedule: January – June 2018*

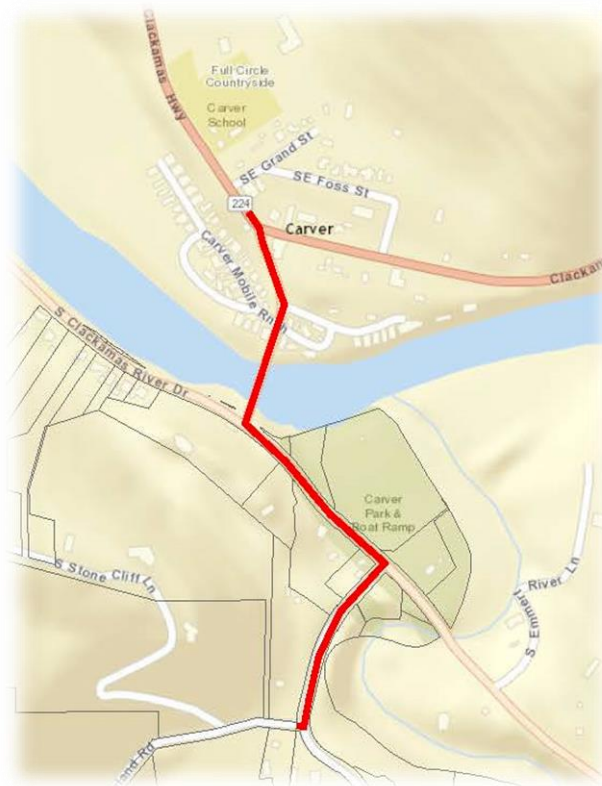
### Time of Day Affected:

*Days: Monday – Friday, 9:00 a.m. – 3:00 p.m.; Nights: Monday – Friday, 7:00 p.m. – 5:00 a.m.*

**Environmental Impact:** Construction activity will produce noise, dust and diesel equipment fumes during work hours. During construction, there will be open trenches and equipment in the area such as; large dump trucks, excavators, cutting of pavement, and trench rollers, and compactors. Night work will require bright lights at the work zone and at traffic control stations during hours of darkness. Access to local driveways will remain open but they may be impeded for short term work efforts. Erosion control and spill prevention will be performed to protect natural resources. Work is scheduled to be completed before the parks heavy use summer recreational season.

**Aesthetic Impact:** Roadways disturbed by the utility work will be repaved at the end of the project. Clackamas County intends to complete additional work in the area which will enhance the appearance of the area roadways.

**Traffic Impact:** There will be lane restrictions on Springwater Rd. and Hwy 224 during work hours. It is anticipated that some work will be complete at night, depending on permit requirements.



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

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



**Clackamas River Water**