Construction Progress

The Kinsman Road Partnership Project is a 0.5-mile pipeline that is being installed while the City of Wilsonville extends Kinsman Rd. to improve the roadway grid system west of I-5. Following the completion of pipe installation in May, workers performed hydrostatic testing, a test that involves filling the pipeline with water, removing air from within, and pressurizing the pipe to test for leaks. All hydrostatic testing was successfully completed in August, with final roadway paving continuing through September. Remaining work includes installation of minor pipeline components and corrosion control.

Construction crews working on the 124th Avenue Partnership Project, a 2.7-mile pipeline and new roadway project located in Washington County from SW Garden Acres Rd. to Tualatin-Sherwood Rd., completed a trenchless crossing in September, including installation of steel casing and carrier (inner) pipe at the railroad tracks on SW Tonquin Rd. Drilling and controlled blasting operations (see YouTube video) were also performed along SW Tonquin Rd. and the future SW 124th Ave. alignment. Construction is scheduled for completion in 2018.

The South Hillsboro Area Pipeline Project (Phase 1) includes installation of nearly 0.5 miles of 48-inch diameter pipeline under the Cornelius Pass/Tualatin Valley (TV) Hwy. intersection and continuing north through a portion of the Reed’s Crossing development. In September, crews continued the installation of vaults and turnout piping—future connection points to the City of Hillsboro’s existing distribution line—at Blanton St. and at TV Hwy. Phase I construction is scheduled for completion in 2017.
Willamette Water Supply Program

September 2017

Procurement & Business Opportunities

WWSP staff are preparing for several upcoming professional services and construction contractor procurements. A procurement forecast schedule is featured in this section of the monthly report. Listed below are active procurements and upcoming events and procurements. Procurement opportunities are also published at http://www.ourreliablewater.org/business-opportunities.

Active Procurements

- Request for Proposal (RFP) for program land surveying services

Upcoming Procurements

- Scholls Area Pipeline Project (PLM_5.1) Construction Invitation to Bid (Quarter 1, 2018) Washington County Project

Schedule Summary

WWSP design and planning began in 2013; the WWSP is expected to be in service by July 2026. Below are the major milestones and activities forecasted from 2017 to 2020*. The WWSP team is committed to on-time delivery. See page 4 for descriptions of the referenced projects below.

*The actual order and duration of projects continues to be refined and is subject to change.
**Forecast Cost Summary**

The graph below illustrates the projected WWSP cash flow by fiscal year (FY July 1 to June 30)*. The cumulative cash flow establishes the budgeted $1.2 billion, which accounts for actual and current projected costs, including projected escalation in the cost of labor, materials, and equipment required to build the projects that comprise the WWSP.

Costs for FY 2018 are $3 million. Cumulative costs are projected to be $97 million through the end of FY 2018.

*Data continues to be refined and is subject to change.

**Cumulative Cost Summary**

WWSP cumulative costs are tracked and updated monthly. The pie chart below summarizes the distribution of cumulative costs through August 2017.

*Cumulative Water Supply Program costs to date are approximately $48 million, with the majority spent on planning, engineering, and construction activities.*
Willamette Water Supply Program

Willamette Water Supply System Water Treatment Plant
(Water Treatment Plant (WTP))

**Description:** 60 million gallon per day water treatment plant (WTP_1.0), including a finished water pump station (FPS_1.0) and a control system (DCS_1.0) located near Sherwood.

**Status:** Planning Phase (Design Start: 02/2020)

**PLM_1.0**
Raw Water Facilities Expansion
(Raw Water Facilities (RWF) Expansion)

**Description:** Expansion of the existing raw water pump station and intake infrastructure at the Willamette River WTP in Wilsonville to 60 million gallons per day of initial capacity for the Willamette Water Supply System.

**Status:** Planning Phase (Design Start: 10/2017)

For more information about the WWSP, visit www.ourreliablewater.org or call 503.941.4570.