

## Our Future Water Supply

Tualatin Valley Water District (TVWD) and the City of Hillsboro, collectively referred to as the Partners, have identified the Willamette Water Supply System (WWSS) as the best option for future delivery of drinking water to their service areas in Washington County. Development of the WWSS is being led by the Partners. Other water providers in the region are also looking at their options for future participation. The mid-Willamette River at Wilsonville will be the new water supply source for the WWSS. Although current demands are met through other sources, the addition of a new source will provide improved water supply reliability and system resiliency. Developing an additional water supply through a partnership supports the region's plans for responsible growth within urban growth boundaries.

# Willamette Water Supply

## Our Reliable Water

Monthly Progress Report

April 2016

### 124th Avenue Partnership Project

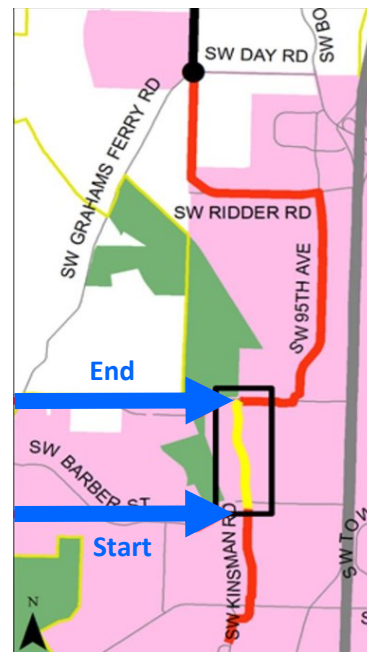
Construction of this 2.7-mile pipeline and new roadway, located in Washington County from SW Garden Acres Rd. to Tualatin-Sherwood Rd., will be installed as part of Washington County's SW 124th Avenue Extension Project. Notice to Proceed was issued to the construction contractor, Kerr Contractors, Inc., by Washington County on March 31 to begin early site preparation activities, including site clearing and building demolition. In April, the contractor continued site cleanup, removal of debris, and earthwork activities; erosion and sediment controls are being installed and maintained by the contractor. Drilling in preparation for controlled blasting of rock between Tualatin-Sherwood Rd. and SW Tonquin Rd., as well as excavation for roadway construction,

installation of drainage pipes, and retaining wall construction also began in April. Drilling, controlled blasting, and earthwork will continue into the summer months. Pipe fabrication is planned for June and July 2016. Construction is scheduled for completion by the fall of 2018.



### Kinsman Road Partnership Project

The Kinsman Road Partnership Project is a 0.5-mile pipeline that will be installed while extending Kinsman Rd. from Barber Rd. to Boeckman Rd in Wilsonville. It will be constructed in partnership with an Oregon Department of Transportation (ODOT) roadway improvement project. Costs will be shared among Willamette Water Supply Program (WWSP), the City of Wilsonville, and ODOT, resulting in lower cost for all parties than would have been spent on individual projects. In



addition, traffic and community impacts will be minimized by completing work within one construction site that is fenced and protected. WWSP and Wilsonville staff will work closely to coordinate activities and minimize effects on stakeholders. The project has achieved 100% design; documents will be made available for bidding by ODOT. Construction Notice to Proceed is anticipated in early July 2016. Construction is scheduled for completion in late 2017.

## Procurement / Business Opportunities

WWSP staff are preparing for several professional services and construction contractor procurements in the upcoming year. For this effort, the team is continuing to develop a procurement forecast schedule that will be featured in this section of the monthly report. In addition, business outreach events will be scheduled and hosted by WWSP to communicate opportunities for businesses to support delivery of the WWSP. Check back here periodically or visit our website [www.ourreliablewater.org](http://www.ourreliablewater.org) for future events and procurements and discover how the WWSP is benefitting the local economy. Listed below are active procurements and upcoming events and procurements for 2016.

### Active Procurements

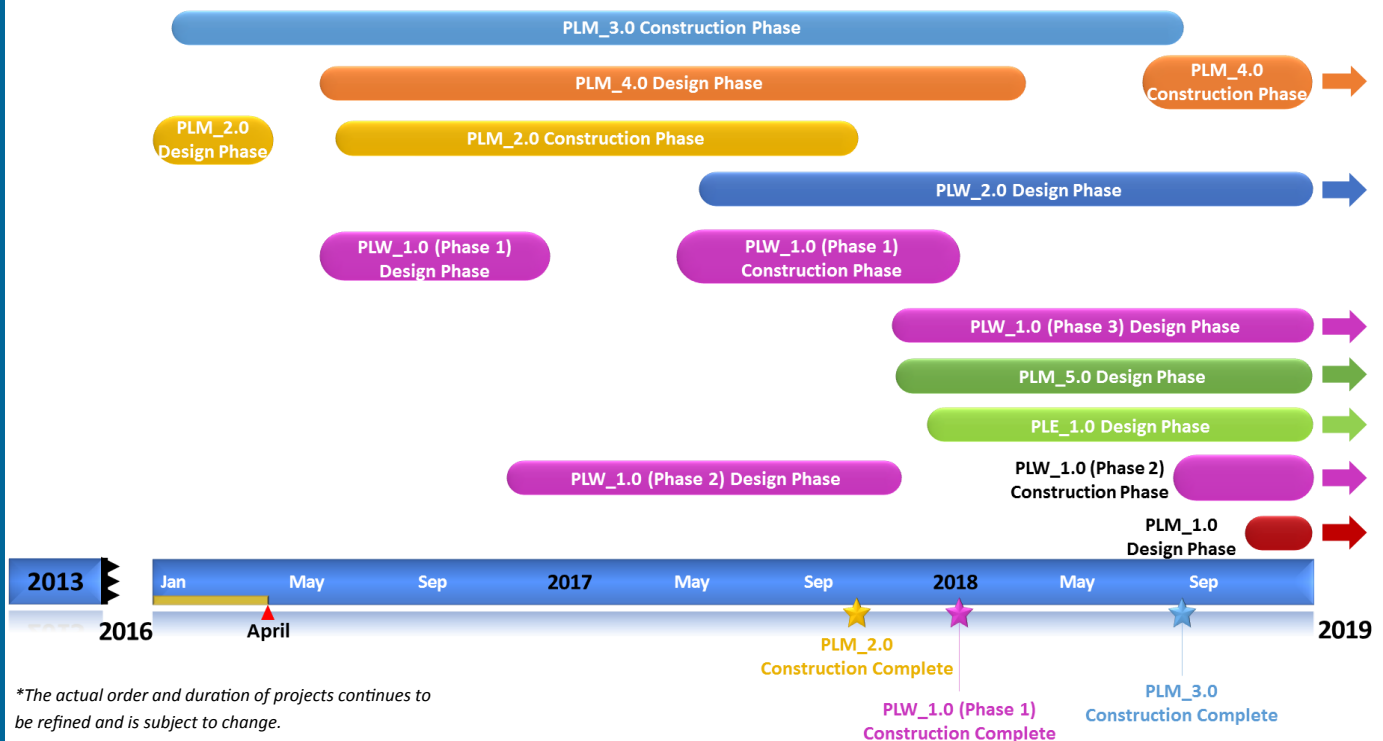
- Tualatin-Sherwood Area Pipeline Project (PLM\_4.0) design consultant services
  - South Hillsboro Area Pipeline (PLW\_1.0) design consultant services
  - Kinsman Road Partnership Project (PLM\_2.0) construction contractor services
- Go to [eBIDS](#) website for this ODOT procurement

### Upcoming Events & Procurements

- Request for Qualifications (RFQ) for pipeline construction contractors (Quarter 2 or 3 2016)
- Request for Proposal (RFP) for land surveying support services (Quarter 2 or 3 2016)

## Schedule Summary

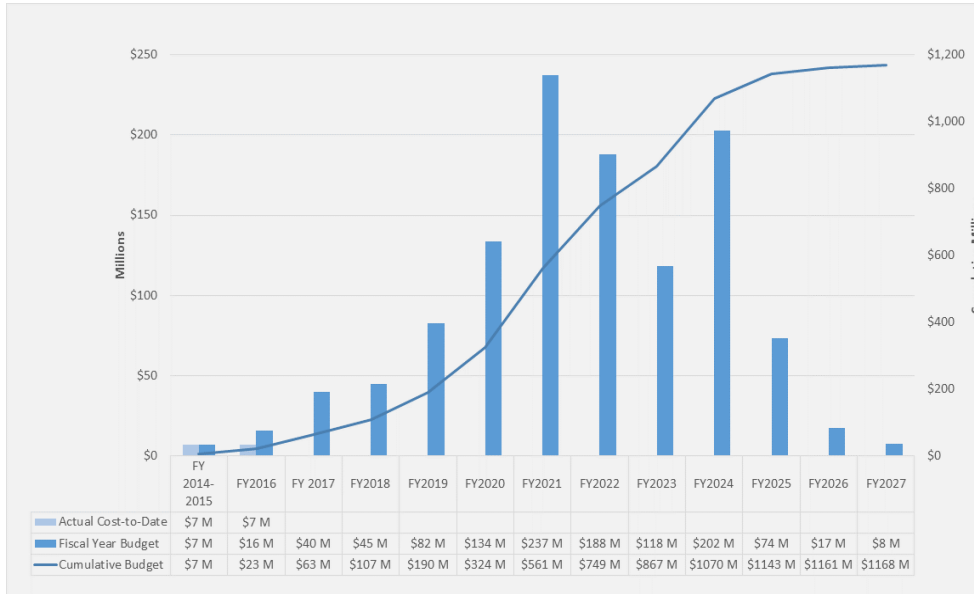
Work on the WWSP design and planning began in 2013 and WWSP is expected to be in service by July 2026. Below are the major milestones and activities completed and forecasted on the WWSP from 2016-2019\*. The WWSP team is committed to on-time delivery. See page 4 for descriptions of the referenced projects 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 cash flow by fiscal year (FY July 1 - June 30) for WWSP\*. 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 project.



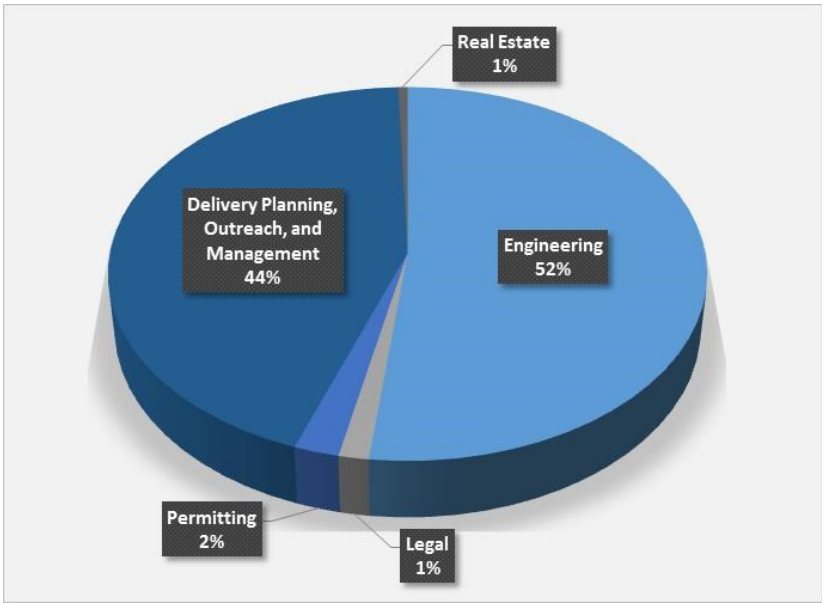
Forecasted costs for FY 2016 are \$16 million. Total Program costs are projected to be \$23 million through the end of FY 2016.

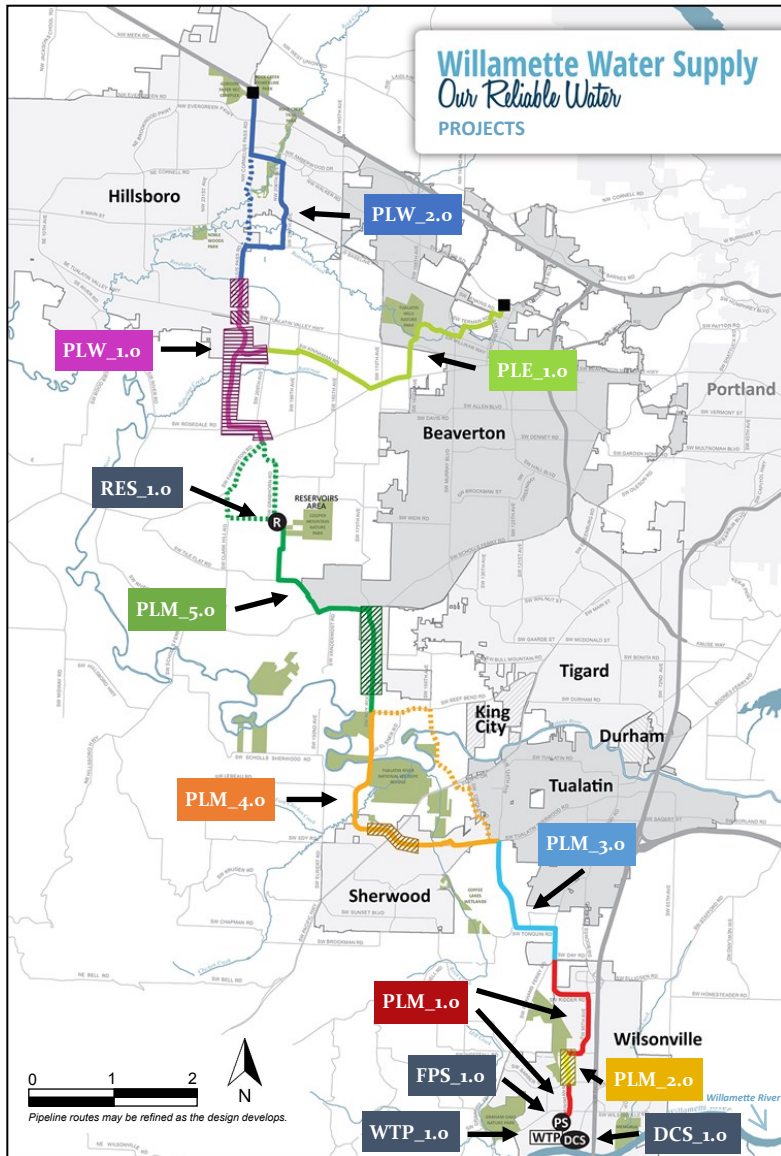
\*Data continues to be refined and is subject to change.

## Cumulative Cost Summary

Cumulative costs for the WWSP are tracked and updated monthly. The pie chart below summarizes the distribution of cumulative costs through March 2016.

**Cumulative cost to date is approximately \$14 million, with the majority spent on planning and engineering activities.**





**PLW\_2.0 Cornelius Pass Pipeline Project**  
(Frances Road to Highway 26)

*Description:* 4.4-mile water pipeline from Cornelius Pass Rd. at Frances Rd. to Cornelius Pass Rd. at Hwy 26; connects to existing supply lines for City of Hillsboro and TVWD. A partial alternate route is under consideration.  
*Status:* Planning Phase (Design Start: 06/2017)

**PLW\_1.0 South Hillsboro Area Pipeline Project**  
(Farmington Road to Frances Road)

*Description:* 3.9-mile water pipeline from SW Farmington Rd. at SW 209th Ave. to Cornelius Pass Rd. at Frances Rd.; also east from Cornelius Pass at Kinnaman Rd. to Kinnaman Rd. at 209th Ave.  
*Status:* Planning Phase (Design Start: 06/2016)

**PLE\_1.0 Beaverton Area Pipeline Project**  
(SW 209th Avenue to Walker Road)

*Description:* 5.5-mile water pipeline from SW 209th Ave. at Kinnaman Rd. to SW Cedar Hills Blvd.; connects to existing TVWD system.  
*Status:* Planning Phase (Design Start: 01/2018)

**RES\_1.0 South Beaverton Area Water Storage Tanks**  
(Storage Tanks)

*Description:* Two 15-million gallon storage tanks located in the Cooper Mountain area.  
*Status:* Planning Phase (Design Start: 05/2019)

**PLM\_5.0 Scholls Area Pipeline Project**  
(Beef Bend Road to Farmington)

*Description:* 7.2-mile water pipeline from SW Roy Rogers Rd. at SW Beef Bend Rd. to SW Farmington Rd at SW 209th Ave. A partial alternate route is under consideration.  
*Status:* Planning Phase (Design Start: 12/2017)

**PLM\_4.0 Tualatin-Sherwood Area Pipeline Project**  
(SW 124th Avenue to Beef Bend Road)

*Description:* 4.8-mile water pipeline from 124th Ave. at SW Tualatin Sherwood Rd. to SW Roy Rogers Rd. at SW Beef Bend Rd.  
*Status:* Planning Phase (Design Start: 06/2016)

**PLM\_3.0 124th Avenue Partnership Project**  
(SW 124th Avenue Extension)

*Description:* 2.7-mile water pipeline from SW Garden Acres Rd. at Day Rd. to 124th Ave. at SW Tualatin Sherwood Rd.  
*Status:* Construction Phase (Complete: 09/2018)

**PLM\_2.0 Kinsman Road Partnership Project**  
(Kinsman Road Extension)

*Description:* 0.5-mile water pipeline from Kinsman Rd. at Barber Rd. to Kinsman Rd. at Boeckman Rd.  
*Status:* Design Phase (Construction Bid: 05/2016)

**PLM\_1.0 Wilsonville Area Pipeline Project**  
(WTP to Day Road)

*Description:* 3.0-mile water pipeline from WWSP WTP to intersection of SW Garden Acres Rd. at Day Rd.  
*Status:* Planning Phase (Design Start: 10/2018)

**WTP\_1.0 Willamette River Water Treatment Plant Expansion**  
(Water Treatment Plant (WTP) Expansion)

**FPS\_1.0** *Description:* 60 million gallon per day expansion of existing Willamette River Water Treatment Plant (WTP\_1.0), including a finished water pump station (FPS\_1.0) and control system (DCS\_1.0) located on Arrowhead Creek Ln.

**DCS\_1.0** *Status:* Planning Phase (Design Start: 02/2020)

For more information about the WWSP, visit [www.ourreliablewater.org](http://www.ourreliablewater.org) or call 503.941.4570.

This is a monthly progress report. Previous reports can be found at [www.ourreliablewater.org](http://www.ourreliablewater.org).