



January 13, 2016

**MEMORANDUM**

TO: MAYOR AND CITY COUNCIL  
FROM:  BRETT ESTES, CITY MANAGER  
SUBJECT: **PUBLIC WORKS PROJECT ACTIVITY STATUS REPORT**

The following are brief summaries of the status of Public Works major projects and/or activities:

**TRANSPORTATION**

**Irving Avenue: 19<sup>th</sup> Street Bridge Replacement**

- Irving Ave. reopened to traffic on October 29<sup>th</sup>
- Completion of final punch list items is underway

**Waterfront Bridges Replacement Project**

- Project includes street end bridge structures at 6th through 11th Streets
- OBEC Consulting Engineers was selected as the engineering consultant and the design effort is underway
- Construction is anticipated to span two winter seasons beginning Fall 2017

**OR202: High School – Hanover Sidewalks (Astoria)**

- The City is working with ODOT to finalize the funding agreement.
- Design consultant selection will begin in the spring.

**23<sup>rd</sup> Street/Franklin Ave. Access Management Project**

- The City is working with ODOT and Columbia Memorial Hospital (CMH) to finalize the funding agreement.
- CMH will be administering the construction contract.
- Construction is planned for early 2016

**Pedestrian Safety Enhancements**

- Street Lights at 33<sup>rd</sup> Street & Highway 30 – The ODOT IGA has been finalized and the project is in the preliminary design/coordination stage.
- Public Works staff is assisting Police staff on obtaining funding for a portable speed reader to be used for speed enforcement in problem areas.
- ODOT's preliminary scoping work on Downtown traffic signal upgrades (\$450,000 project budget) has begun and construction is anticipated to take place in 2016 when grant funds become available.

## COMBINED SEWER OVERFLOW (CSO)

### 16<sup>th</sup> St. CSO Separation Project

- Construction on 14<sup>th</sup> St., 15<sup>th</sup> St., 17<sup>th</sup> St. and 18<sup>th</sup> St. is completed
- All construction on 16<sup>th</sup> St. was postponed until summer 2016 to avoid conflicts with the Clatsop Community College Patriot Hall Redevelopment Project

## SEWER

### Pump Station No. 1 Upgrades Project

- Preliminary design completed by Richwine Environmental
- Progressive Design Build contract awarded to Portland Engineering, Inc.
- Equipment procurement is scheduled to begin in February 2016
- Construction is scheduled for July 2016 due to funding, seasonal low flows through the pump station and procurement of long-lead time equipment

## WATER

### Bear Creek Dam Seismic Stability Study

- Phase 2 of the Bear Creek Dam Seismic Analysis Project budgeted at \$147,000 was not completed during the 2014/2015 fiscal year and is continuing into the current fiscal year.
- The consultant has determined that additional geotechnical work is required to complete the study. City Council has authorized the additional work for \$144,000 and has authorized acceptance of a grant from the Oregon Water Resources Department grant in the amount of \$72,000 to assist with half of the additional costs.
- The additional drilling and final report is planned to be complete by the end of the 2015/2016 fiscal year.

### Slow Sand Filter

- Engineering and Operations staff is engaged in ongoing efforts to optimize cleaning operations and appropriate methods of algae control in order to extend the life of the filter sand.
- Preliminary planning for the next re-sanding project is underway. Re-sanding will be needed in about 1-2 years.

### Spur 14 Water Line

- City staff is coordinating with CH2M to finalize the design for the improvements.
- A conditional use application has been submitted by the City and is currently being processed by the County.
- City staff will begin environmental permitting once the design is finalized.
- Construction is anticipated to take place in summer/fall of 2016.
- This project will provide a water source that will improve our ability to control water quality and manage our drinking water supply.

## SANITATION

### Landfill Closure

- Staff is continuing to work with the Oregon Department of Environmental Quality on post closure activities consisting of gas monitoring and groundwater monitoring. A final permit has been issued and staff is currently working on the final documents requirements for the site. One all operation manuals are complete, staff will continue with annual reporting as required for the term of the post closure period.

## PUBLIC WORKS PLANNING

### Advance Planning

- In the last update we stated that Public works staff was working on the development of a priority project list for the ODOT STIP 2018/2021 Funding cycle. ODOT had indicated that the funding will be very limited and has suggested that we limit our request to two projects. Staff has submitted the list and it includes the remaining Hwy 202 sidewalk segments as Priority #1 and the Williamsport Sidewalk Project as Priority 2. Due to the limited funding we do not anticipate the second project being funded.
- Staff had also applied for replacement of the Irving Avenue Bridge at 33<sup>rd</sup> Street back in July of 2015. The funds applied for are from the 2018/2021 Bridge STIP Program. These are the same funds that have paid for 90% of the replacement costs for all of our other bridges. Unfortunately we were informed on November 5<sup>th</sup> that we did not make the eligibility list. ODOT has told us that the next Bridge STIP Cycle (2022/2025) will most likely include an emphasis on timber bridges of the same vintage as our bridge. The bridge is in fair condition and staff is searching for funding opportunities to replace the guard railing and seal the deck. They are two deficiencies identified during our annual ODOT inspections that we have not had adequate funding to take care of.

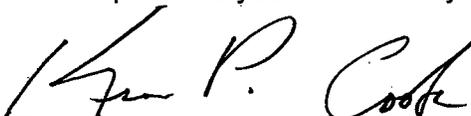
### Asset Management

- Staff is continuing to research asset management tools such as specialized asset management computer software. Asset management programs can be defined as software that assists with managing infrastructure capital assets to minimize the total cost of owning, operating, and maintaining assets at acceptable levels of service. Staff is currently reviewing the feasibility of investing in the software with the understanding that the resources (costs and additional staff time) required to fully implement a system may not be available or practical for a city the size of Astoria. Our current pavement management system is an example of such a tool but it only addresses one asset, pavement. A fully implemented asset management system would allow staff to manage the diverse majority of our infrastructure assets.

### Storm Damage to Columbia River Shoreline

- The City has submitted an Initial Damage Assessment Grant Application for Emergency Shoreline Erosion to Oregon Emergency Management (OEM) for approximately \$126,600 in damage that occurred along the Columbia River Shoreline during the storm event of December 8<sup>th</sup> – 12<sup>th</sup>. Based on initial conversations between the City Engineer and the OEM Public Assistance Officer, it appears that we are eligible but there are many steps to go through prior to being awarded an emergency repair grant for the damage. If awarded the grant, engineering staff would administer the contract and obtain the required permits for the work. If the grant is not received, we will need to evaluate available City funding and decide how much of the repair work we can complete this year with the City funds available.

Submitted By: \_\_\_\_\_



Ken P. Cook, Public Works Director