

## IMPACT STATEMENT

**Legislation title:** Authorize a contract with the lowest responsive bidder for construction of the Bybee Glenwood Culvert Replacement Project, Project Number E10480 for \$2,228,000 (Ordinance)

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### **Purpose of proposed legislation and background information:**

The purpose of this legislation is to authorize a construction contract to replace the existing culverts in Crystal Springs located at SE Bybee Blvd and SE Glenwood Street near SE 23<sup>rd</sup> Avenue, for project E10480. Design is complete and the project is currently scheduled to advertise for construction bids on or about December 7, 2015.

Replacement of the culverts has been undertaken as part of multi-year effort to restore fish passage and habitat along all 2.7 miles of Crystal Springs Creek. Until recently, nine culverts impeded fish passage for juvenile salmonids, the river reached fatal temperatures for salmon in the summer and flooded private property after wet winters. To date, seven of the nine culverts have been replaced or abandoned and over 5000 linear feet of stream have been restored. This project will replace the last two culverts restricting upstream passage of juvenile salmonids and restore over 400 linear feet of stream. The project will complete the reestablishment of ESA listed Chinook, coho and steelhead throughout the watershed which have already returned in small numbers to Westmoreland Park and Reed College

### **Financial and budgetary impacts:**

This legislation authorizes a contract and provides payment for construction of the Bybee Glenwood Culvert Replacement Project. It does not affect current or future staffing levels or appropriations. It does not affect current or future City revenue. The level of confidence in the construction cost estimate of \$2,228,000 is high.

### **Community impacts and community involvement:**

The existing culverts are 4 foot in diameter which do not allow juvenile fish passage. The new culverts will be 14-foot pre-cast box culverts which provide for stream bed through the culvert as well as juvenile fish passage. In-stream channel improvements will provide improved fish habitat with low-flow benches and in-stream boulders and large wood and provide spawning, rearing and refugia habitat.

Construction in Crystal Springs Creek is limited to July 15<sup>th</sup> through August 31<sup>st</sup>. The scope of the project requires replacement of two culverts within this limited in-water work window. SE Bybee Blvd is a major arterial feeding traffic to/from Hwy 99E (McLoughlin Blvd) to the Westmoreland neighborhood. Closure of Bybee for this six week work period was deemed unacceptable. As a result a complex phasing and traffic control plan was developed to maintain traffic during construction and minimize disruption to the neighborhood. The traffic phasing plan also triggered a number of transportation improvements including frontage improvements along SE Bybee Blvd between SE 22<sup>nd</sup> Avenue and SE 23<sup>rd</sup> Avenue and signal improvements and upgrades at the intersection of SE Bybee Blvd and SE 23<sup>rd</sup> Avenue. In addition, transportation determined that frontage improvements were also required along SE 23<sup>rd</sup> Avenue between SE Bybee Blvd and SE Glenwood Street including sidewalk and fencing. SE Glenwood Street is a low volume street and will be closed during construction of the Glenwood culvert. A fire station is located on the NW

