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)

Contact name: Contact phone: Scott Gibson (503) 823-7615

Presenter name:

Scott Gibson and Patty Nelson

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 23rd 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 15th through August 31st. 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 22nd Aveneu and SE 23rd Avenue and signal improvements and upgrades at the intersection of SE Bybee Blvd and SE 23rd Avenue. In addition, transportation determined that frontage improvements were also required along SE 23rd 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

corner of SE Bybee Blvd and SE 23rd Avenue. Access to the fire station will be maintained through-out the project. Union Manor retirement community is located just north of the fire station and has frequent calls for assistance from the fire bureau. Access to Union Manor will temporarily be re-routed down SE 22nd Avenue during the Glenwood Street closure. This re-route information has been discussed with both the fire station and Union Manor.

Extensive coordination with abutting property owners, including Portland Parks and Recreation (Westmoreland Park), Portland Fire and Rescue (Station 20) and Union Manor Retirement Center has taken place throughout design. Outreach to the neighborhood has been completed through project mailers and community events including the Westmoreland Park Salmon Celebration, Sunday Parkways (20,000+ people) and Crystal Springs Partnership work party events (5 events, 80 people). Outreach efforts will continue as we approach construction to outreach and inform the neighbors and affected property owners about the project purpose, construction timelines, and impacts.

Budgetary Impact Worksheet

Does this action change appropriations?

YES: Please complete the information below.

NO: Skip this section				¥			
Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount