



Nick Fish, Commissioner
Michael Stuhr, P.E., Administrator

1120 SW 5th Avenue, Room 600
Portland, Oregon 97204-1926
Information: 503-823-7404
www.portlandoregon.gov/water



188024

IMPACT STATEMENT

Date: August 17, 2016

Council Date: September 28, 2016

Legislation Title: Authorize a contract and provide payment for the construction of the Cornell Road Services - Macleay Park Project at an estimated cost of \$600,000 (Ordinance)

Contact Name: Chris Chambers, P.E., Engineer

Contact Phone: 503-823-4635

Presenter Name: Teresa K. Elliott, P.E., Chief Engineer

Purpose of proposed legislation and background information:

The Water Bureau requires the replacement of a 2-inch temporary water main serving eight customers along NW Cornell Road. The temporary water main is located in pathway and natural areas in Macleay Park with poor access for equipment and is in poor condition with a history of leaks and must be replaced. The temporary main will be replaced with 7,100 feet of new water main and appurtenances in NW Cornell Road beginning at NW Eloise Lane and ending near 5240 NW Cornell Road. The new main will be installed by horizontal directional drilling to minimize the cost and impacts to the street and traffic.

Financial and budgetary impacts:

The engineer's estimate for the contract action is \$600,000 with a high confidence level. The total project cost is estimated at \$825,000. Funding for this project (W01682) has been approved in the FY 2016-17 Budget.

The total program budget is approximately \$19,750,000 for FY 2016-17. The proposed action will not result in a change in the forecast water rates or changes in staffing levels to maintain these improvements.

Community impacts and community involvement:

Construction of the main will cause short term traffic impacts along NW Cornell Road. NW Cornell Road is a narrow two lane road with very narrow shoulders and drainage ditches for the length of the project. Project outreach to residents will be conducted before, during, and after construction. During construction, one lane of the road will be closed and traffic will be

controlled with flaggers through the work zones. Construction is estimated to take approximately 90 days.


To minimize the impact to traffic, the main will be installed via horizontal directional drilling to reduce the duration of construction and to reduce the amount of street that is disturbed during installation of the water main. The long term impact of installing the water main is improved domestic service to the customers. The new main will reduce the number of service outages due to main breaks and will be in a location where maintenance will be minimized.

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



Michael Stuhr, P.E., Administrator

8/31/16

Date