

## IMPACT STATEMENT

**Date:** April 5, 2017

**Council Date:** May 24, 2017

**Legislation Title:** Authorize a contract for construction of the Council Crest Roof Replacement Project at an estimated cost of \$550,000 (Ordinance)

**Contact Name:** Stephen Ngai, P.E., Senior Engineering Associate

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

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

The Water Bureau requires replacement of the existing roof on Council Crest Potable Water Tank located at 3445 SW Council Crest Drive. The steel roof and upper tank wall sections are severely corroded and must be replaced. The Council Crest Tank is 75-feet tall, 35-feet in diameter, stores 500,000 gallons of potable water, and provides drinking water to 1,300 services.

The construction work will remove the existing roof, portions of the tank walls, coatings, conduits, wiring and ladder. The project will then install an aluminum roof, instrumentation, ladder, safety equipment, cathodic protection system, tank wall, conduits, wiring, overflow piping, and interior and exterior coating.

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

The engineer's estimate for the contract action is \$550,000. Funding for this Project has been approved in the FY 2016-17 Budget and will be requested in the FY 2017-18 through FY 2018-19 Budgets. The total Project cost is estimated at \$1,300,000 with a high confidence level. There is about \$17,000,000 listed for pump and tank improvements in the FY 2016-17 five-year CIP. 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 tank will cause short-term traffic impacts along SW Council Crest Drive, which is a one lane, one-way road which circles Council Crest Park. Project outreach to residents will be conducted before, during, and after construction. During construction, the road will be closed approximately five days and traffic will be excluded through Council Crest Park. Construction is estimated to take 120 days.

To minimize impact to traffic, the road will only be closed during the times when a crane is required to lift equipment and materials to and from the roof tank. The long term impact of replacing the roof and walls is to allow for the continued operation of the tank and service to 1,300 services. The new roof, tank walls, and improvements will reduce future maintenance and damage from seismic events.

**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., Administrator4/11/17  
Date