



CITY OF KIRKLAND
Department of Public Works
123 Fifth Avenue, Kirkland, WA 98033 425.587.3800
www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager

From: Patrick Herbig, P.E., Project Engineer
David Snider, P.E., Capital Projects Manager
Kathy Brown, Public Works Director

Date: February 18, 2016

Subject: ANNUAL AGING/FAILING INFRASTRUCTURE REPLACEMENT PROJECT --
ACCEPT WORK

RECOMMENDATION:

Staff recommends that the City Council:

- Accept the work for the Annual Aging Infrastructure Replacement Project, as completed by Agostino Construction, Inc., of Maple Valley, WA, in the amount of \$185,389.23, thereby establishing the statutory lien period, and
- Approve the use of remaining Aging Infrastructure funds for the next upcoming Aging/Failing Infrastructure Replacement project.

By taking action on this memo during approval of the consent calendar, City Council is accepting the work for Aging/Failing Infrastructure Replacement Project and authorizing the transfer of all remaining Project funds from the subject project to the next Aging/Failing Infrastructure Replacement project.

BACKGROUND DISCUSSION:

The Annual Aging/Failing Infrastructure Replacement Project is for the regular replacement of Surface Water Utility infrastructure that has surpassed its expected and useful service life and/or is experiencing system failures. The subject Project is a combination of two separate locations within the City (Attachment A) and, for economy-of-scale purposes, represents a combination of the 2013 and 2014 Program projects.

The first location (Schedule A) occurred in the Holmes Point area and replaced 260 linear feet of an existing 12-inch corrugated plastic pipe (CPP) culvert with new High Density Polyethylene (HDPE) pipe. The second location (Schedule B) is in the Par-Mac area and replaced 44 linear feet of 24-inch diameter corrugated Metal Pipe (CMP) with new polyvinyl chloride (PVC) pipe. Both project sites were packaged together into one project to save on design and in-house staff costs, given that smaller projects (less than \$150k) tend to have higher soft costs (design, inspection, and in-house administrative costs) as an overall percentage of total project costs. Consistent with City Council's approval of the contract award on May 5, 2015, the budget for the combined Project was set at \$400,000.

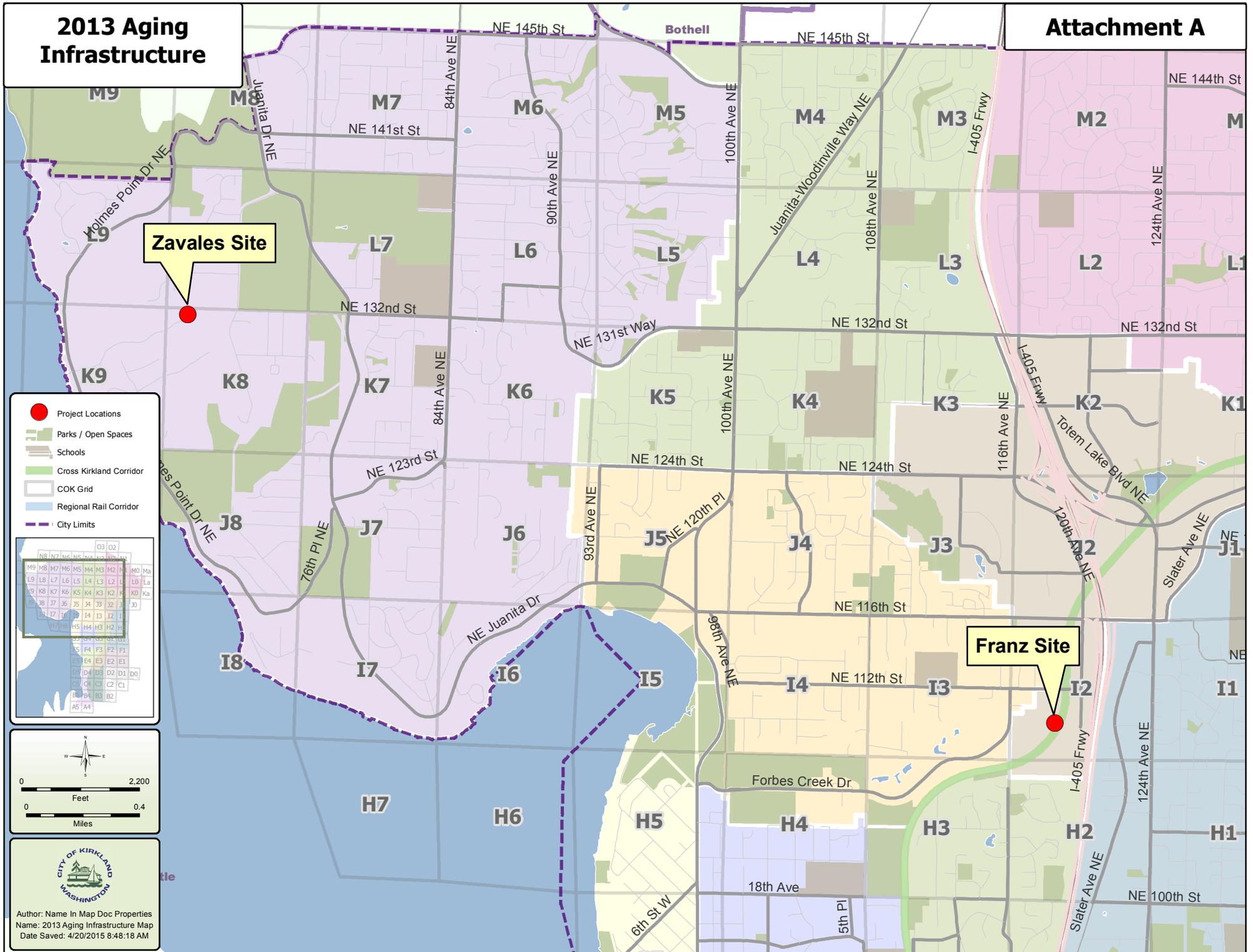
At its May 5, 2015, meeting City Council awarded the construction contract to Agostino Construction, Inc., in the amount of \$178,435.29, including applicable sales tax. Work began on July 8, 2015 and was physically complete on January 29, 2016. The total amount earned by the Contractor was \$171,997.70, including four change orders; three change orders were due to various unforeseen conditions discovered during the excavations at both locations and a fourth change order was generated to reconcile various material quantities that were over or under the contracted quantity amounts.

With up-to-date total Project expenses of \$349,806 and a total combined budget of \$400,000, there is currently a surplus of approximately \$50,000 (Attachment B). At the completion of the Project close-out processes, after all related close-out expenses are paid, staff recommends moving all remaining funds to the 2016 Aging/Failing Infrastructure Project (Attachment C).

Attachment A – Project Vicinity Map
Attachment B – Project Budget Report

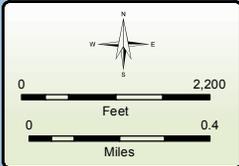
2013 Aging Infrastructure

Attachment A



- Project Locations
- Parks / Open Spaces
- Schools
- Cross Kirkland Corridor
- COK Grid
- Regional Rail Corridor
- City Limits

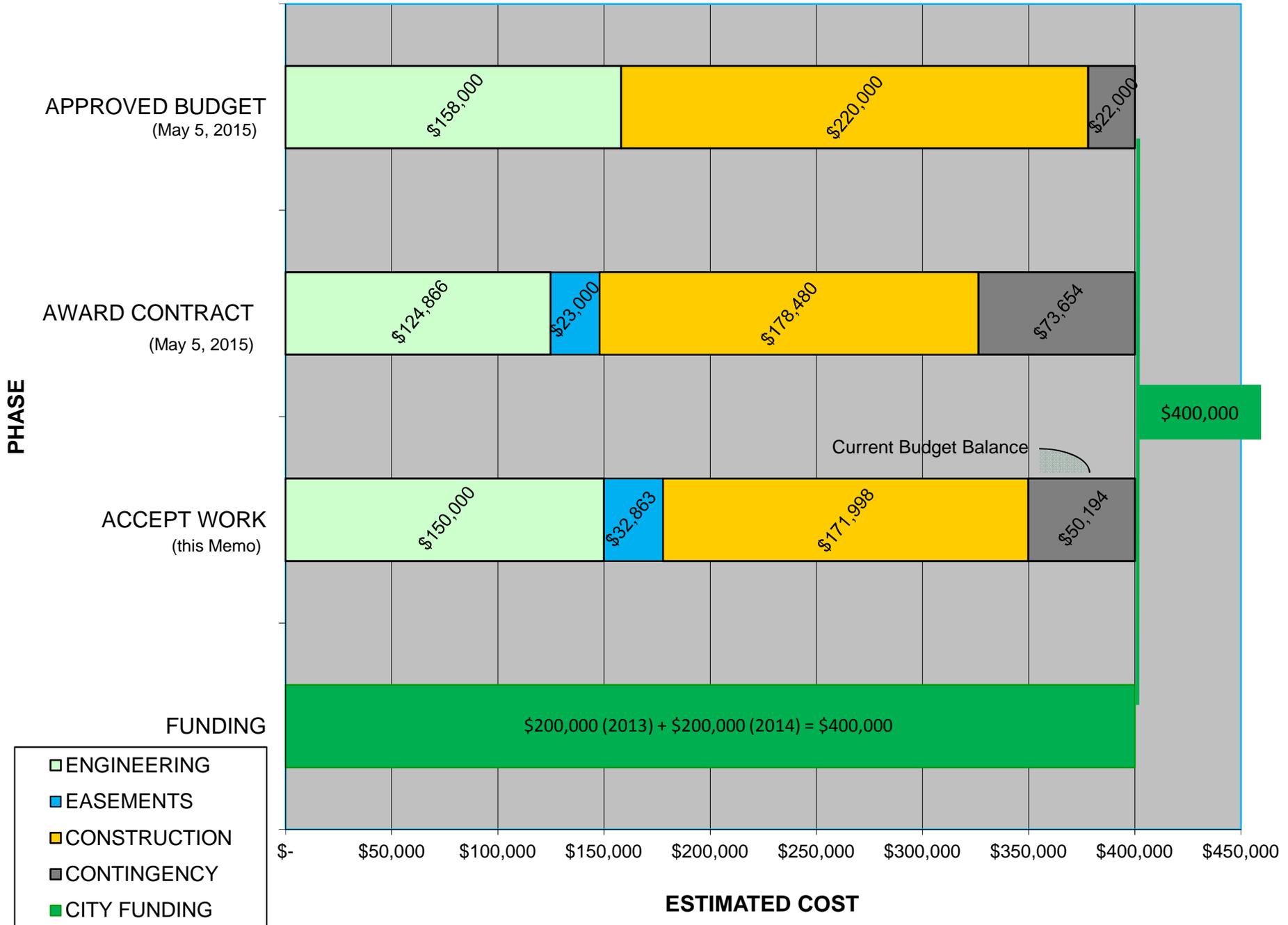
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L9	L8	L7	L6	L5	L4	L3	L2	L1
K9	K8	K7	K6	K5	K4	K3	K2	K1
J8	J7	J6	J5	J4	J3	J2	J1	
I8	I7	I6	I5	I4	I3	I2	I1	
H7	H6	H5	H4	H3	H2	H1		
G6	G5	G4	G3	G2	G1			
F5	F4	F3	F2	F1				
E4	E3	E2	E1					
D3	D2	D1	D0					
C2	C1							
B1								
A0								



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Annual Aging/Failing Infrastructure Replacement Project

Project Budget Report



FISCAL NOTE

CITY OF KIRKLAND

Source of Request							
Kathy Brown, Public Works Director							
Description of Request							
Request to use the project balance of approximately \$50,000 from the 2014 Annual Aging/Failing Infrastructure Replacement CSD 1447 for the 2015 program (CSD 1547) as described in the attached memo. The actual balance available will be determined once all of expenses have been paid and the 2014 program project is closed.							
Legality/City Policy Basis							
Fiscal Impact							
One-time use of \$50,000 from the 2014 Annual Aging/Failing Infrastructure Replacement Project CSD 1447. This project currently has balance available to fund this request.							
Recommended Funding Source(s)							
<i>Reserve</i>	Description	2015 Est End Balance	Prior Auth. 2015-16 Uses	Prior Auth. 2015-16 Additions	Amount This Request	Revised 2015 End Balance	2015 Target
<i>Revenue/Exp Savings</i>	Project funding balance from CSD 1447						
<i>Other Source</i>							
Other Information							
Prepared By	Neil Kruse, Senior Financial Analyst				Date	February 19, 2016	