



CITY OF KIRKLAND
Department of Public Works
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www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager

From: Scott Gonsar, P.E., Project Engineer
Dave Snider, P.E., Capital Projects Manager
Kathy Brown, Public Works Director

Date: March 3, 2016

Subject: NE 80TH STREET SEWER & WATERMAIN REPLACEMENT - PHASE 2
AWARD CONTRACT

RECOMMENDATION:

Staff recommends that the City Council award the construction contract for the NE 80th Street Sewer & Watermain Replacement - Phase 2, to Shoreline Construction Company of Woodinville, WA, in the amount of \$2,874,603.86, and

By accepting this memo during approval of the consent calendar, City Council is authorizing the award of a construction contract for the NE 80TH Street Sewer and Watermain Replacement - Phase 2.

BACKGROUND DISCUSSION:

The NE 80th Street Sewer and Watermain Replacement - Phase 2 Project is the second of a three-phase utility replacement project along NE 80th Street, between 116th and 132th Avenues NE, in the South Rose Hill neighborhood (Attachment A). Phase 1 was for water and sewer main replacement work completed along NE 80th Street, between 122nd and 124th Avenues NE, and was accepted by City Council in 2008. The final Phase 3 project will install a new watermain along 120th Avenue NE, between NE 80th Street and NE 85th Street. The Water Comprehensive Plan calls the completion of the Phase 3 improvements at a future date (beyond 2035) with that project currently listed as an unfunded one in the 2015-2020 Capital Improvement Program.

The NE 80th Street Sewer and Watermain Replacement, Phase 2 Project includes replacement of approximately 4,230 linear feet of 12-inch and 20-inch water main, and approximately 2,930 linear feet of 12-inch sewer main.

With an engineer's estimate of \$3,608,147 for construction, the first advertised-for-contractor bids appeared on January 26, 2016. On February 10, 2016, six contractors bids were received with the following results:

Table 1: Bid Results

Contractor	Schedule A Water	Schedule B Sewer	Amount Total
Shoreline	\$1,549,900.23	\$1,324,703.63	\$2,874,603.86
R.L. Alia	\$1,661,200.41	\$1,525,251.78	\$3,186,452.19
Rodarte Construction	\$1,784,261.99	\$1,433,428.91	\$3,217,690.90
Titan Earthwork	\$1,708,922.93	\$1,510,333.50	\$3,219,256.43
Johansen Excavating	\$1,790,951.56	\$1,587,408.91	\$3,378,360.47
<i>Engineer's Estimate</i>	<i>\$2,175,487.00</i>	<i>\$1,432,660.00</i>	<i>\$3,608,147.00</i>
SRV Construction	\$1,953,195.30	\$1,970,312.34	\$3,923,507.64

The Project is fully funded through a Public Works Trust Fund (PWTF) loan (\$4,038,000) combined with City sewer and water main utility funds (\$1,234,400) for a total approved budget of \$5,272,400 (Attachment B). The PWTF program is a low-interest (0.5%) loan program for local governments to finance public infrastructure construction and rehabilitation with an amortized repayment schedule of up to 20-years. To be eligible, projects must improve public health and safety, respond to environmental issues, promote economic development, and/or upgrade system performance. The NE 80th Street Water and Sewer Replacement Project scored well in satisfying all of the Program's eligibility requirements.

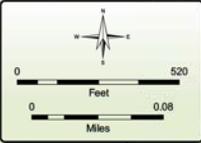
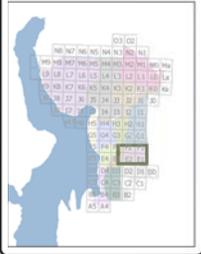
As a major underground utility replacement, the Project will impact a high percentage of the paved road surface. As a result, the Project is required to provide a new asphalt overlay for the limits of the Project. Since the utility work will be completed after the 2016 overlay paving season, and in order to realize the best economy-of-scale for the associated overlay cost impacts, the Project will contribute funds to the 2017 Street Overlay Project for resurfacing the street as part of the larger Annual Street Preservation Program (Attachment B).

The duration of utility construction work is estimated to be approximately 6-months. With a City Council award at the March 15 meeting, work will begin in April, 2016, with substantial completion expected for fall of 2016. In advance of construction, Public Works staff will continue with updating local residents and business owners, including Lake Washington High School officials, of the coming work. This will include a construction informational flyer with Project timelines and pertinent contact information. Staff will also keep all related project information up-to-date on the City's website located at the following link: [80th Street Water and Sewer Mains](#).

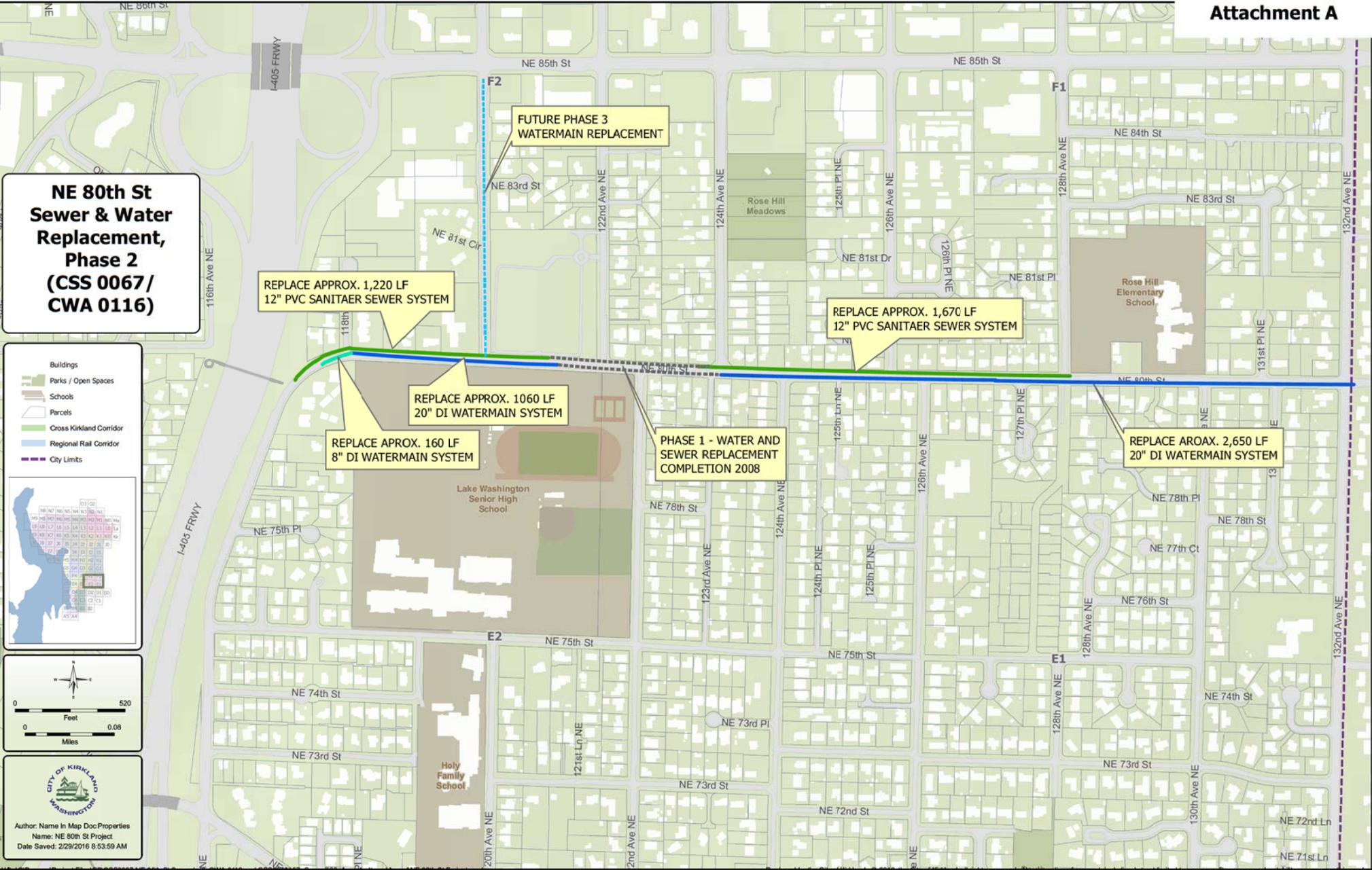
- Attachment A – Project Vicinity Map
- Attachment B – Project Budget Report

**NE 80th St
Sewer & Water
Replacement,
Phase 2
(CSS 0067/
CWA 0116)**

- Buildings
- Parks / Open Spaces
- Schools
- Parcels
- Cross Kirkland Corridor
- Regional Rail Corridor
- City Limits



Author: Name In Map Doc Properties
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PROJECT BUDGET REPORT

