



## **CITY OF KIRKLAND**

### **Department of Public Works**

**123 Fifth Avenue, Kirkland, WA 98033 425.587.3800**

**[www.kirklandwa.gov](http://www.kirklandwa.gov)**

Council Meeting: 01/05/2021  
Agenda: Establishing Lien Periods  
Item #: 8. f. (2)

#### **MEMORANDUM**

**To:** Kurt Triplett, City Manager

**From:** Patrick Herbig, P.E., Project Engineer  
Rod Steitzer, P.E., Capital Projects Manager  
Julie Underwood, Director of Public Works

**Date:** December 17, 2020

**Subject:** NE 141<sup>ST</sup> STREET/111<sup>TH</sup> AVENUE NE CULVERT REPLACEMENT— ACCEPT WORK

#### **RECOMMENDATION:**

Staff recommends that the City Council:

- Accept work for the NE 141<sup>ST</sup> Street/111<sup>th</sup> Avenue NE Culvert Replacement (Project) performed by Dungeness Construction Company of Langley, Washington, in the amount of \$822,732.70 and establish a lien period; and
- Approve returning \$420,960.00 from the Project to the Surface Water Reserve.

By taking action on this item under the Consent Calendar, the City Council is accepting the work on the Project, establishing lien period, and returning funds to Surface Water Reserves.

#### **BACKGROUND DISCUSSION:**

This Project replaced an aged and failing 48-inch corrugated metal pipe with a 3-sided concrete box culvert where Juanita Creek crosses beneath at 111<sup>th</sup> Avenue NE (see Attachment A, Vicinity Map). This Project improved fish passage, created greater surface water conveyance capacity, improved stream habitat, replanted stream banks to minimize erosion, and completed a full-width roadway resurfacing. The Project replaced portions of the Northshore Utility District's (NUD) 8-inch domestic water and 8-inch sanitary sewer mains in the area to accommodate the installation of the new culvert. Work also included the relocation of franchise communication and PSE utilities prior to the start of the culvert installation.

The project began on June 25, 2019 and was substantially completed on November 22, 2019, with physical completion on November 24, 2020 following the 12-month plant establishment period. There was one change order to lower a single-family home's shallow domestic water service located under a driveway, extend safety fencing, and widen a driveway gate. The change order totaled \$10,970.32.

### Funding and Expenses

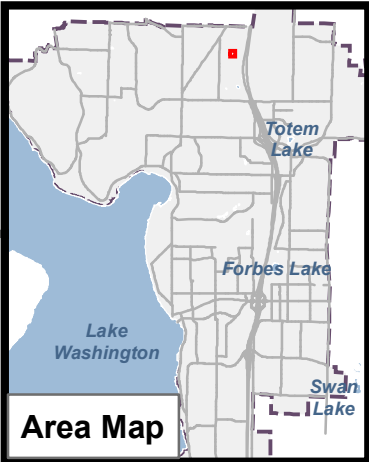
The Project is complete, and all expenses are known. The Project funding, expenses, and remaining funds are shown in Table 1, below, and also are displayed in the Project Budget Report (see Attachment B). Prior to the award of the Project, the City entered into an agreement with NUD. The terms of that agreement required NUD to reimburse the City for actual expenses attributable to NUD-related work. Those expenses are known and reflected in Table 1 as "NUD Reimbursement". When the NUD reimbursable expenses are combined with project remaining funds, the amount to be returned to the Surface Water Reserve is \$420,960.

**Table 1: Project Funding and Actual Expenses (SDC 076)**

| <b>Approved Funding</b>            | <b>TOTAL</b> |
|------------------------------------|--------------|
| Design                             | \$433,500    |
| Inspection                         | \$225,000    |
| Staff/Admin                        | \$175,500    |
| Construction                       | \$889,090    |
| 5-Year Maintenance                 | \$35,000     |
| Contingency                        | \$88,410     |
| Funding Sub-total                  | \$1,846,500  |
| <b>Expenses</b>                    | <b>TOTAL</b> |
| Design                             | \$433,176    |
| Inspection                         | \$92,736     |
| Staff/Admin                        | \$135,000    |
| Construction                       | \$822,733    |
| 5-Year Maintenance                 | \$35,000     |
| Expense Sub-total                  | \$1,518,645  |
| Remaining Funds [Funding-Expense]  | \$327,855    |
| NUD Reimbursement                  | \$93,105     |
| Remaining Funds with Reimbursement | \$420,960    |

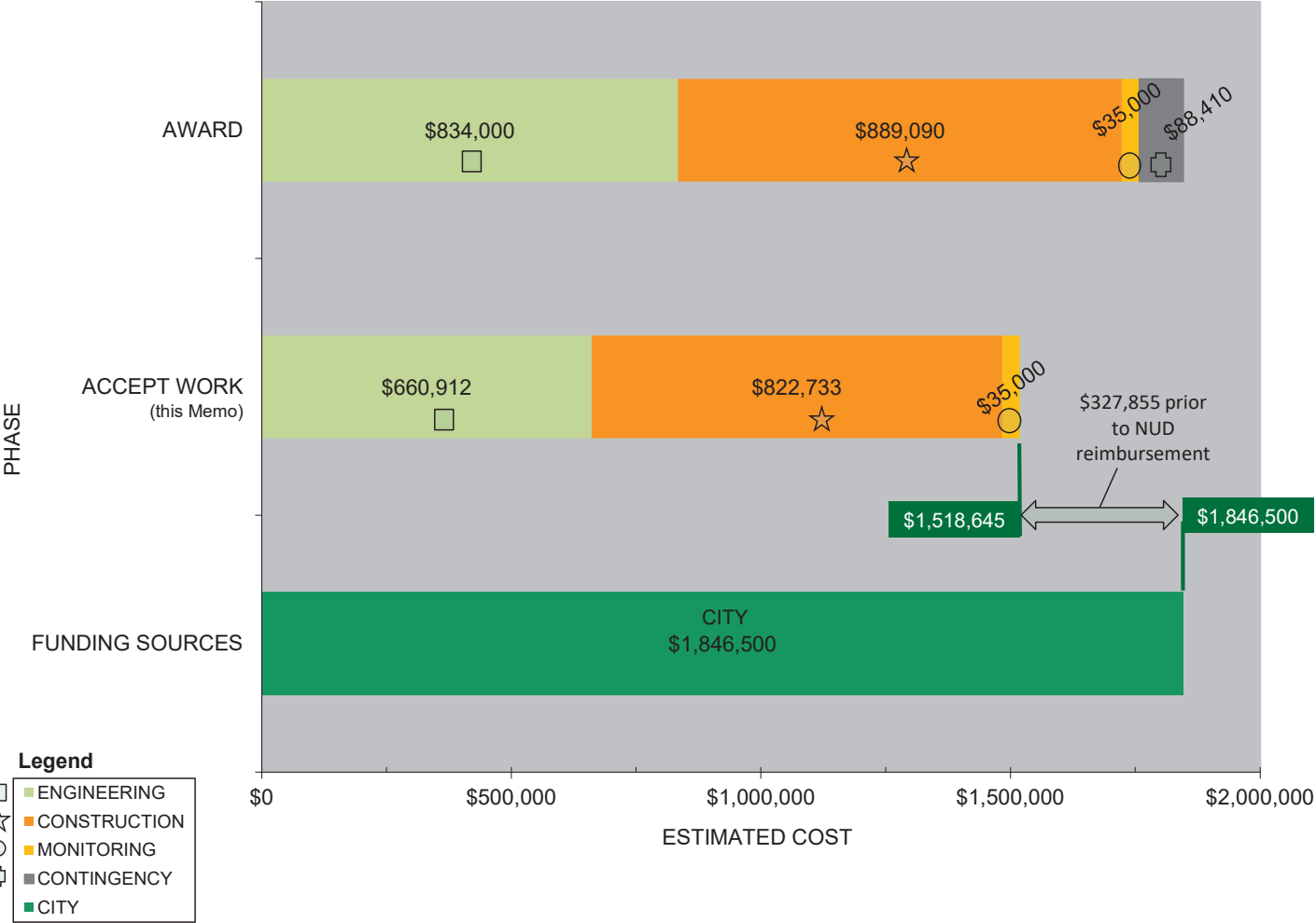
As shown in the Table above, each element of the Project (except for the upcoming 5-year maintenance) was completed under budget. In total the Project was \$420,960 (23%) under budget. Staff recommends returning the City's \$420,960 to the Surface Water Reserve (see Attachment C, Fiscal Note).

Attachment A: Vicinity Map with Area Map Inset  
Attachment B: Project Budget Report  
Attachment C: Fiscal Note



Vicinity Map  
NE 141st Street / 111th Avenue NE Culvert Replacement

Project Budget Report  
NE 141st Street/111th Avenue NE Culvert Headwall Repair (SDC07600) Attachment B





**FISCAL NOTE***CITY OF KIRKLAND*

| Source of Request   |  |                         |                             |                                  |                        |                             |                |
|---|--|-------------------------|-----------------------------|----------------------------------|------------------------|-----------------------------|----------------|
| Julie Underwood, Interim Director of Public Works   |  |                         |                             |                                  |                        |                             |                |
| Description of Request  |  |                         |                             |                                  |                        |                             |                |
| One-time transfer of unspent project balance from the NE 141st St/111th Avenue NE Culvert Headwall Repair (SDC0760000) to the Surface Water Construction Reserve. A 2/7/2019 fiscal note added \$295,000 of Surface Water Construction Reserves to the total project budget, noting that reimbursements from work completed for the Northshore Utility District would be added back to the Surface Water Construction Reserve in addition to any project savings. |  |                         |                             |                                  |                        |                             |                |
| Legality/City Policy Basis  |  |                         |                             |                                  |                        |                             |                |
|   |  |                         |                             |                                  |                        |                             |                |
| Fiscal Impact   |  |                         |                             |                                  |                        |                             |                |
| <b>One-time transfer of approximately \$420,960 to Surface Water Reserves.</b> The project was completed \$327,855 under budget, and the City received an additional \$93,105 of reimbursement funding from NUD to offset Surface Water Construction Reserve uses.  |  |                         |                             |                                  |                        |                             |                |
| Recommended Funding Source(s)   |  |                         |                             |                                  |                        |                             |                |
|   | Description  | 2020 Est<br>End Balance | Prior Auth.<br>2019-20 Uses | Prior Auth.<br>2019-20 Additions | Amount This<br>Request | Revised 2020<br>End Balance | 2020<br>Target |
| <b>Reserve</b>  |  |                         |                             |                                  |                        |                             |                |
|   |  |                         |                             |                                  |                        |                             |                |
|   |  |                         |                             |                                  |                        |                             |                |
| <b>Revenue/Exp<br/>Savings</b>  | Expenditure savings amount to \$327,855. An additional \$93,105 was received from NUD. |                         |                             |                                  |                        |                             |                |
| <b>Other Source</b>   |  |                         |                             |                                  |                        |                             |                |
| Other Information   |  |                         |                             |                                  |                        |                             |                |
| - Reserve transfer to 42325931-599014 (SDR1111001)  |  |                         |                             |                                  |                        |                             |                |

|             |  |      |                   |
|-------------|--|------|-------------------|
| Prepared By | Robby Perkins-High, Senior Financial Analyst | Date | December 16, 2020 |
|-------------|--|------|-------------------|