



CITY OF KIRKLAND

Department of Public Works

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MEMORANDUM

To: Kurt Triplett, City Manager

From: Dave Snider, P.E., Capital Projects Manager
Pam Bissonnette, Interim Public Works Director

Date: March 21, 2013

Subject: Totem Lake Culvert Replacement Project – Award Construction Contract

RECOMMENDATION:

It is recommended that City Council:

- award the Totem Lake Culvert Replacement Project construction contract to Scarsella Brothers, Inc., Seattle, WA, in the amount of \$2,419,552.52, and
- approve a reduced overall Project budget of \$4,175,000, resulting in returning 1,094,000 to Surface Water Capital Reserves.

BACKGROUND AND DISCUSSION:

The Totem Lake Culvert Replacement project will improve conveyance in the existing surface water drainage system from Totem Lake to the west side of I-405 by replacing the existing aged, deteriorated and clogged corrugated metal pipe culverts (Attachment A). The specific work elements for this project include:

- the replacement of two 42-inch metal culverts with approximately 700 feet of a concrete box culvert in two separate sections (Segments 1 & 3),
- the relocation of a WSDOT traffic signal in conflict with the new culvert alignment (Segment 1), including the placement of a temporary signal for use during the construction period,
- the cleaning and inspection of 300 feet of existing 72-inch culvert (Segment 2), and
- sediment and invasive vegetation removal within an existing section of open drainage channel (Segment 4).

At their regular meeting March 5, 2013, City Council received an update on the Totem Lake Culvert Replacement Project. At that meeting, City Council also awarded a contract for the early fabrication of the new concrete box culverts in order to help staff meet the Project's overall schedule, which includes an environmental permit timing requirement (i.e. "fish window") for the summer 2013 construction season.

With an engineer's estimate of \$2,797,453 for installation the contract documents were first advertised on February 20, including Supplemental Bidder Responsibility Criteria specific to working in sensitive areas and for successfully completing projects of a similar size and scope within the past 10-years.

The bid opening was held March 15, 2013; the following seven bids were received:

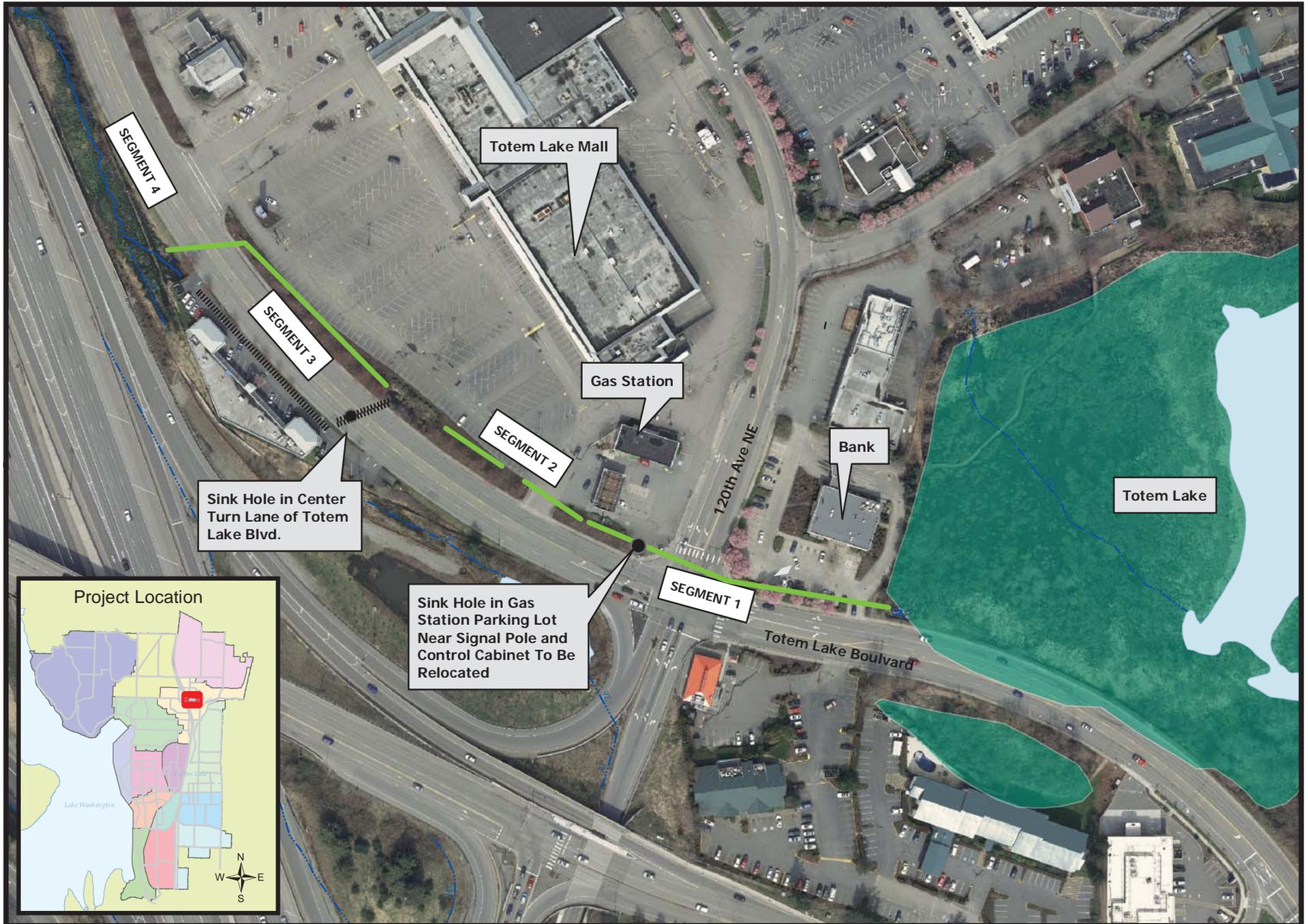
Contractor	Total Bid
Scarsella Brothers, Inc.	\$2,419,552.52
Rodarte Construction	\$2,694,913.81
Frank Coluccio Construction	\$2,736,884.61
<i>Engineers Estimate</i>	<i>\$2,797,453.00</i>
MidMountain Contractors	\$3,080,574.45
Westwater Construction	\$3,536,309.07
3 Kings Environmental	\$3,569,396.69
Ceccanti	\$4,798,204.59

The Project is part of the 2013-2018 Capital Improvement Program, as approved by City Council on December 7, 2012, including funds identified for right-of-way acquisition. As a majority of the culvert alignment is on private property, or within the Washington State Department of Transportation controlled access of the I-405 off-ramp at 120th Ave NE and Totem Lake Boulevard, a significant purchase of new right-of-way was anticipated. At the conclusion of the design efforts, however, only three Temporary Construction and three Permanent Maintenance Easements were needed – the Temporary Construction Easements have each been secured and the negotiations on the three Permanent Maintenance Easements are being finalized, all with no anticipated acquisition cost to the City. By eliminating the Land Acquisition line item the overall Project budget will be reduced; however, due to the complex nature of the Project, the engineering and projected consultant inspection and project management costs have increased. With a standard 10% construction contingency included, a newly revised Project budget of \$4,175,000 is recommended, with the balance of the previously estimated total Project budget \$1,094,000 (construction savings plus land acquisition savings) being returned to the Surface Water Capital Reserves (Attachment B).

With an award of the contract by City Council at their April 2 meeting, construction will begin in May with Project completion expected in October, 2013. In advance of construction, Public Works staff will send a construction informational mailer to nearby businesses to provide overall timelines and pertinent contact information; the Project's website link will also be updated. Due to the Project's location and overall area of impact, a trailer mounted variable message reader board will also be positioned in the vicinity to alert motorists of the pending construction.

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

TOTEM LAKE CULVERT REPLACEMENT PROJECT SITE MAP



TOTEM LAKE CULVERT REPLACEMENT PROJECT (SD-0075)

Project Budget Report

Attachment B

