



## CITY OF KIRKLAND

Department of Public Works

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[www.ci.kirkland.wa.us](http://www.ci.kirkland.wa.us)

### MEMORANDUM

**To:** Kurt Triplett, City Manager  
**From:** Dave Snider, P.E., Interim Capital Projects Manager  
Ray Steiger, P.E., Interim Public Works Director  
**Date:** March 3, 2011  
**Subject:** 6th Street & Central Way Intersection Improvements - Award Contract

#### RECOMMENDATION:

It is recommended that the City Council award the construction contract for Phase I of the 6th Street and Central Way Intersection Improvements to Sanders General Construction of Issaquah, Washington, in the amount of \$1,136,211.13.

#### BACKGROUND AND DISCUSSION:

The intersection of 6th Street and Central Way is one of Kirkland's busiest and serves as a gateway entrance to the central downtown area (Attachment A). This phase of the intersection improvements includes a new traffic signal together with the addition of an intelligent transportation system (ITS), traffic lane modifications, new median islands, lighting upgrades, improvements for pedestrians and bicyclists, installation of a 16-inch watermain, and a new concrete road surface (similar to that along Third Street in the new Transit Center) as a means of extending the life of the pavement for this heavily used intersection. This phase of the improvements qualified for \$2M in grant funding from the Washington State Department of Commerce (CTED) due to its potential benefit to economic development and job growth in and around the Downtown; it must be under contract by June of 2011. Phase II of the intersection improvements will provide a second southbound lane on 6<sup>th</sup> Street south of Central Way, modifications to the intersection of 6<sup>th</sup> Street and 4<sup>th</sup> Avenue, and frontage improvements along Park Place; funding for Phase II has yet to be secured.

At their meeting of February 1, 2011, Council received a project status update and authorized staff to advertise for contractor bids. At that same meeting, Council approved a scope change to the Project adding a new water main upgrade which was estimated at \$90,000. It was reported to Council that, based on the engineer's estimate, there was potentially a \$250,000 budget shortfall.

The Project was first advertised for contractor bids on February 2, and on February 16, 2011, the City received nine bids with Sanders General Construction being the lowest responsive bidder with a bid price of \$1,136,211.13. The low bid represents a continued competitive bidding climate and is approximately 21% less than the Engineer's estimate of \$1,444,952 as shown below:

#### **BID TABULATION**

Contractor	Total Bid
<b>Sanders General Construction</b>	<b>\$1,136,211.13</b>
Mid Mountain Contractors	\$1,261,580.56
R.L. Alia Co	\$1,275,538.63

## BID TABULATION (CONT.)

West Coast Construction	\$1,329,950.81
<b>Engineer's Estimate</b>	<b>\$1,444,952.35</b>
Construct Company	\$1,448,141.93
Road Construction NW	\$1,470,798.28
Gary Merlino	\$1,581,812.78
Johansen Excavating	\$1,654,254.64
Westwater Construction	\$1,660,505.45

Due to the competitive results of the bids, and as a result of staff successfully amending the CTED grant agreement to include the water main replacement as a part of the grant, no additional City funding is needed for the Project, as anticipated in early February.

In addition to costs for the contract for construction, staff is using the Washington State Procurement Contract process to pre-purchase the signal poles and the signal control cabinet for the intersection; this procurement process will reduce the construction phase approximately 40-days. The State contract will add \$58,000 for the signal poles and \$35,000 for the signal control cabinet resulting in a total anticipated construction cost of \$1,230,000 (Attachment B).

Public information and communication will continue to play an important role in the success of this Project. The Project team has used multiple media forms to keep residents, business owners, motorists and other interested parties well informed throughout the design and post-bidding phases. To date, the communications element has included:

- Updating the *Neighborhood Hot Sheet* where CIP Projects are listed on the City's web page
- A Project update in fourth quarter *2010 City Update*
- Coordination with the Cultural Council
- Project notices on the City's Website and Kirknet
- An informational sheet delivered to adjacent businesses
- Project updates to *Neighborhood e-bulletin*, *On the Move*, the Chamber, KDA and KAN
- Project Updates to the Post Office, King County Metro, LW School District, and private utility companies
- Press releases with pertinent Project information
- Presentations to the Moss Bay Neighborhood Association (January, 2011)
- Presentations to Highlands Neighborhood Association (January, 2011)
- Post card invitations mailed for a post-bid Open House; coordinated with Kirkland Chamber
- Hand delivered Open House post cards and Conduct Business Survey

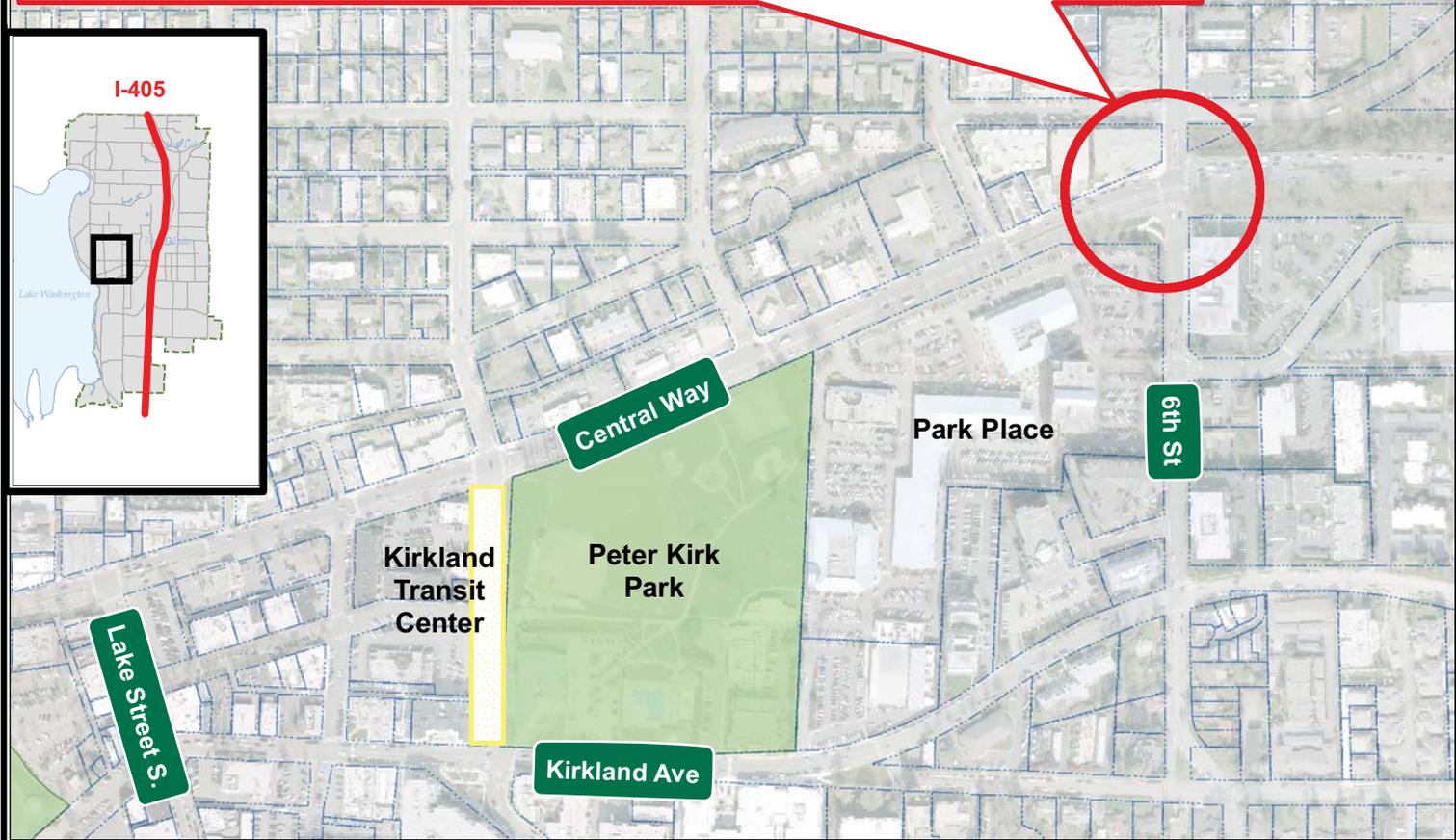
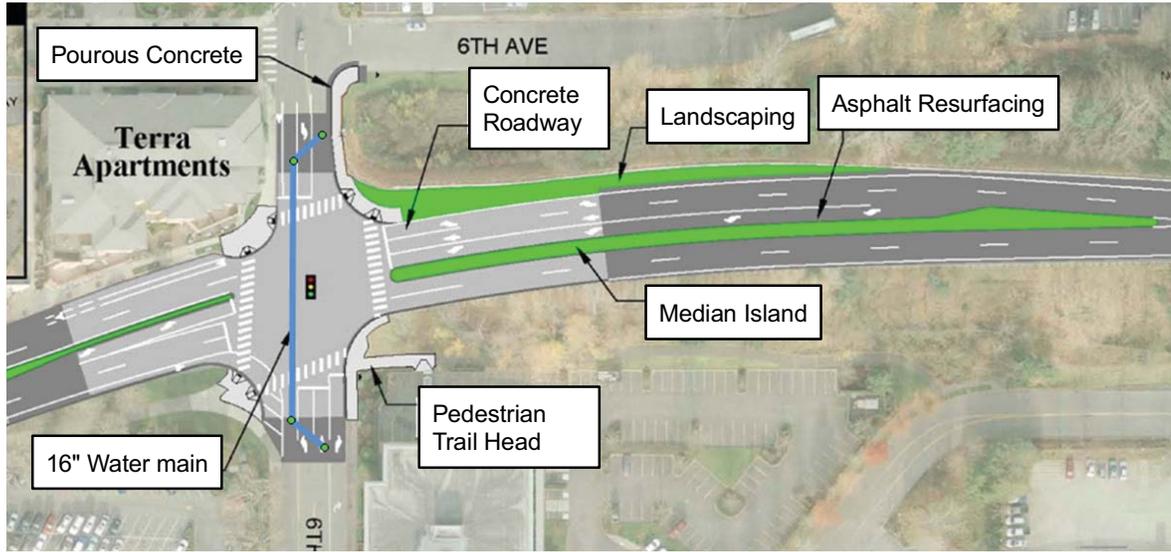
Constructing the concrete roadway is a significant and critical part of the intersection improvement and requires extensive planning to complete. As part of the work, the Contractor is required to develop a traffic control plan to move vehicles and pedestrians safely around the work zone. It is anticipated that installing the concrete roadway will require multiple one-week-long lane closures over a seven week period. These closures will result in turn lane restrictions in order to handle the through traffic volumes. Sanders Construction recognizes that traffic control is essential to the success of the Project and will be working with the Project team to optimize the signalized intersection control and traffic re-routes.

With an award of the construction contract at the March 15<sup>th</sup> Council meeting, the Contractor will begin work in late March/early April with an anticipated substantial completion by the end of June, 2011.

Attachments: (2)

### 6th St & Central Way Key Elements

- Traffic Lanes Modifications / ITS
  - \* provision for dedicated turn lane to Park Place
- Water main replacement
- Bicycle Improvements
- Pedestrian Improvements
- Street Lighting



6<sup>TH</sup> STREET AND CENTRAL WAY INTERSECTION IMPROVEMENTS - Phase I

PROJECT BUDGET REPORT

