



CITY OF KIRKLAND

Department of Public Works

123 Fifth Avenue, Kirkland, WA 98033 425.587.3000

www.ci.kirkland.wa.us

MEMORANDUM

To: David Ramsay, City Manager
From: Daryl Grigsby, Public Works Director
Ray Steiger, P.E., Capital Projects Manager
Date: November 21, 2008
Subject: KIRKLAND AVENUE /3rd STREET TRAFFIC SIGNAL – AWARD CONTRACT

RECOMMENDATION:

It is recommended that City Council award the contract for construction of the Kirkland Avenue and 3rd Street Traffic Signal Improvements to Northeast Electric, LLC, Woodland, Washington, in the amount of \$237,822.00.

BACKGROUND DISCUSSION:

The Kirkland Avenue and 3rd Street Traffic Signal Project is the first of four separate construction projects that are within the Kirkland Transit Center vicinity; other associated projects include the King County Library, the Transit Center, and the King County Pump Station/Kirkland Avenue force-main (Attachment A). Consistent with the current outreach program, this signal project begins the four years of construction that will be undertaken in the vicinity (Attachment B). Construction for both the signal improvements and the library are expected to begin in early February, 2009. The combined public outreach team for the Downtown Kirkland projects, including the City of Kirkland, Sound Transit, and King County Wastewater Division, are working with the community to highlight that a sequenced and coordinated project schedule will provide for shortest construction times and minimize the overall impacts to motorists and businesses in the downtown area.

Specific work for the Kirkland Avenue and 3rd Street Traffic Signal includes the installation of four new signal poles, a video traffic detection system, streetlights, ADA curb ramp upgrades, sidewalk, channelization and new crosswalk markings (Attachment C). Additionally, the existing signal controller, discussed later in this memo is currently proposed to be relocated south and west of its current location.

The first advertisement for the bid was published on October 30, 2008, and bids were opened on November 14, 2008. A total of seven bids were received and tabulated with Northeast Electric being the lowest responsible bidder submitting a total construction price of \$237,822.00, compared to the engineer's estimate of \$254,356.00.

Contractor	Total Bid
Northeast Electric	237,822.00
Construct Co.	251,003.95
Transtech Electric	252,075.00
Totem Electric of Tacoma	252,290.00
<i>Engineer's Est</i>	<i>254,356.00</i>
Travers Electric	260,747.00
Dennis R. Craig Construction	271,421.98
Signal Electric	271,545.49
Average (of 7 bids)	256,700.77

Memorandum to David Ramsay
November 21, 2008

On November 19, 2008, Staff met with the Kirkland Cultural Council and presented various options for the traffic signal controller located in the southwest corner of this intersection. The Cultural Council echoed City Council's previous concerns about the location of the controller and encouraged Staff to relocate the controller in addition to providing natural screening. City Council had directed Staff to work with the Cultural Council on a preferred screening option.

The Cultural Council suggested that natural plantings must be used in the screening to be consistent with the materials in the existing location, and they supported a lattice approach to screening consistent with the materials that are proposed to be used at the Transit Center. Although supportive of the "art box" concept that is being used in many other Cities to showcase art and to cover these types of essential utilities, their concerns of using the art box solution in the "Bear Park", as they referred to it, were that it would detract from the Bears as the central art theme.



Staff will now proceed with pricing the relocation option with the Contractor. Costs for this relocation was included as an alternate bid for comparison purposes; the exact screening and location were yet to be determined. The controller will be relocated approximately 40 feet south and west of its current location. This location will impact the operational ability of maintenance staff slightly, will add costs, but will however in the long term blend more appropriately with the setting. Additionally, Staff will work with the Transit Center project team to include additional panels of stainless steel wire mesh which can be placed by City forces at a later time. Once costs for the additional elements of work are known, Staff will work with Sound Transit to incorporate the modifications.

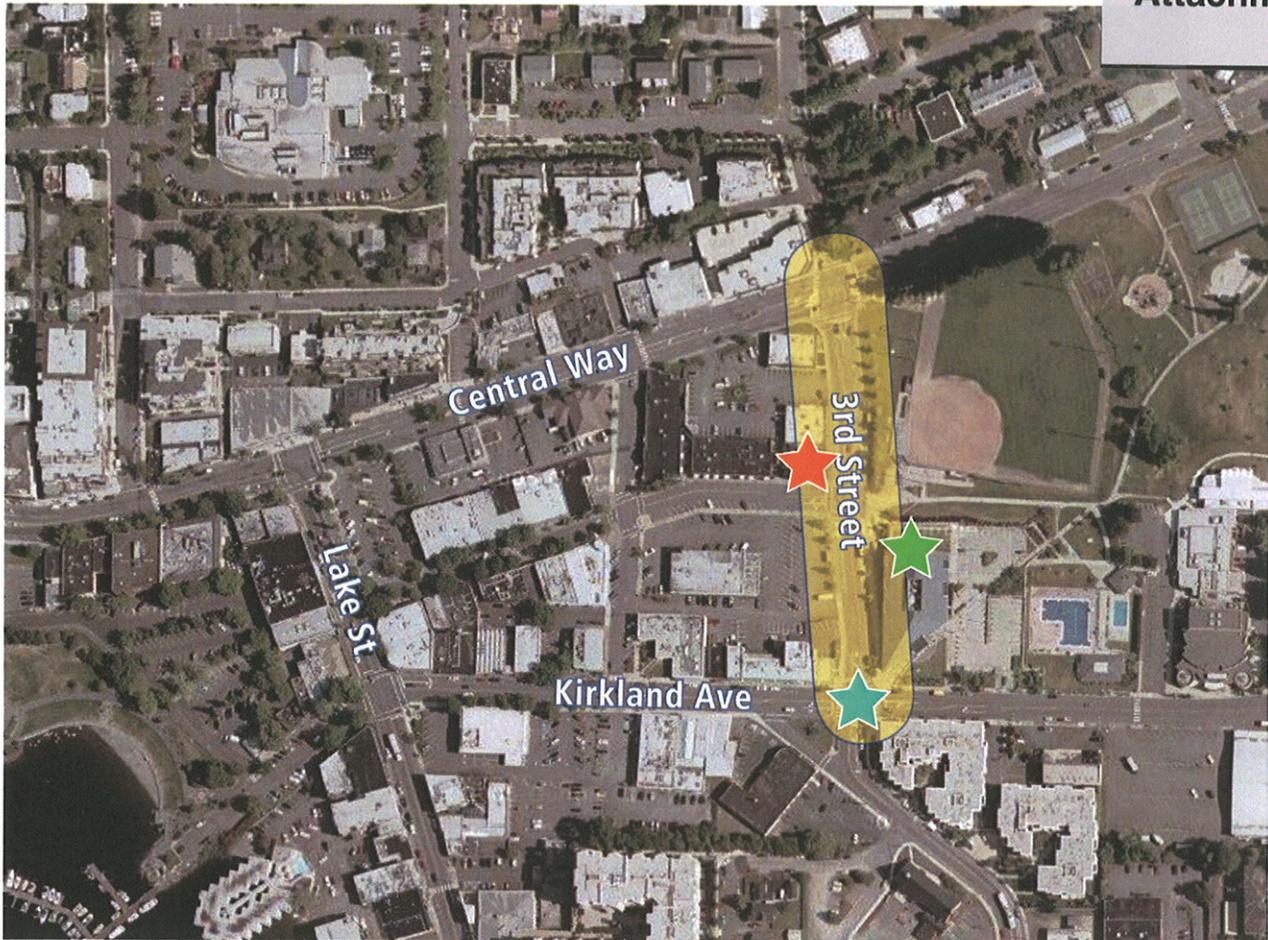
The signal project is fully funded by Sound Transit as a part of the \$13,300,000 Transit Center funding. Total funding anticipated to complete the signal is \$420,000; including \$237,822 for construction, \$140,000 for professional services, and a \$42,000 contingency (Attachment D). Under the terms of the current draft interlocal with Sound Transit, the City was requested to design and administer the Traffic Signal improvements.

With Council award, the Contractor can be given a notice to proceed with their electrical and signal pole submittals and upon approval of the submittals, material orders can be placed. Typically there is an approximate 90 day period before signal components can be delivered to the site and as such, construction would not be anticipated to begin until February, 2009 with substantial completion expected in March, 2009.

Attachments: (4)

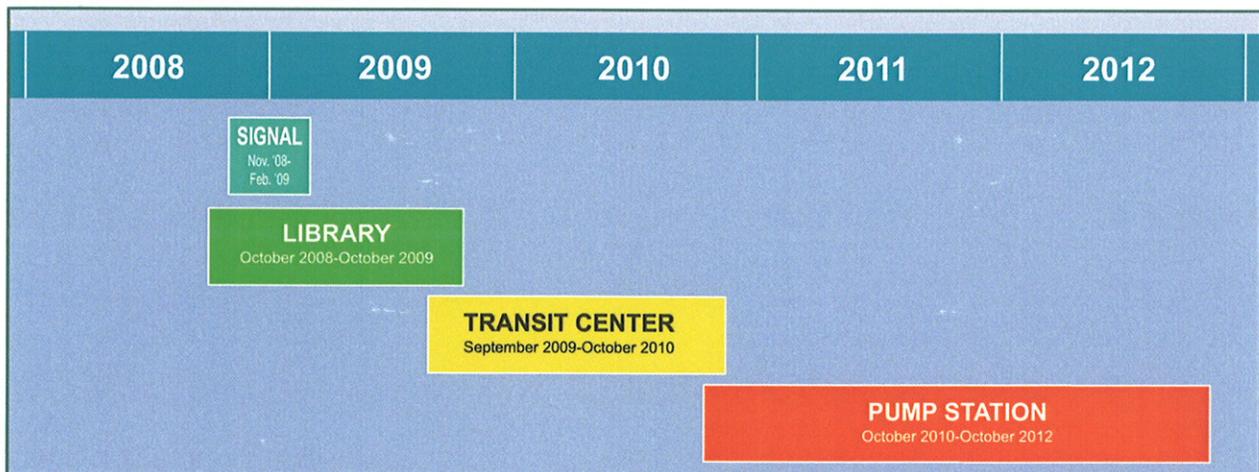
Combined Projects

Attachment A



- ★ Library Expansion
- ★ 3rd Street/Kirkland Ave Signal
- ★ Pump Station Upgrade

Combined Projects - Construction Schedules



Dear Downtown Kirkland Property/Business Owner,

As a property/business owner in downtown Kirkland, we'd like you to know about several capital improvement projects that will be constructed in the coming years to improve library services, transit operations, sewer capacity, and pedestrian and vehicle mobility. Beginning November 17, an outreach team from the City of Kirkland, Sound Transit, and King County Wastewater Division will be personally contacting downtown businesses most impacted by the following projects:



1. **Kirkland Library Expansion:** Building plans have now been submitted to expand the Kirkland Library by nearly 4,000 square feet, and permits are expected to be issued within the next two months. Construction is expected to be completed approximately one year after it begins. During that time, temporary library services will be available at Parkplace Books. Due to the construction activities, the top surface level parking of the Peter Kirk Municipal Garage will be closed. The two lower levels of parking will continue to be open to the public.



2. **Kirkland Avenue/3rd Street Traffic Signal:** In the coming month, the City expects to award a construction contract for a traffic signal at the intersection of 3rd Street and Kirkland Avenue. This signal which is funded by Sound Transit, will improve traffic flow and pedestrian safety. Construction is anticipated to begin in February 2009 and be completed within 30 working days. In addition to the new signal, the project includes curb and gutter, sidewalk, pedestrian crossings, and pavement markers.



3. **Transit Center Redevelopment:** To improve Sound Transit and King County Metro transit services, Sound Transit is building a new transit center on 3rd Street between Kirkland Avenue and Central Way. Between fall 2009 and December 2010, widened sidewalks, transit shelters, landscaping, enhanced pedestrian crossings, and an entirely new roadway will be constructed along 3rd Street. Prior to installation of these new transit amenities, all new utilities including sewer, storm, water, and electrical/communication systems will be constructed under the new transit center. As part of this project, transit operations will be relocated to Central Way and 6th Street for approximately one year. Traffic impacts include Park Lane (Main Street to 3rd Street) being closed through construction and only northbound traffic being allowed on 3rd Street between Kirkland Avenue and Central Way.



4. **Kirkland Pump Station & Sewer Upgrade:** The King County Wastewater Treatment Division is upgrading its 40-year old pump station at the corner of 3rd Street at Park Lane. These upgrades will increase capacity, ensure safe and reliable operations and to meet current seismic, noise, and odor control standards. The upgrade also includes the construction of a new pipeline along Kirkland Avenue to the railroad right-of-way near 8th Street. These construction activities will begin in the fall of 2010 (around the completion of the new Kirkland Transit Center) with scheduled completion in late 2012. Park Lane (Main Street to 3rd Street) will remain closed during this construction during this construction period.

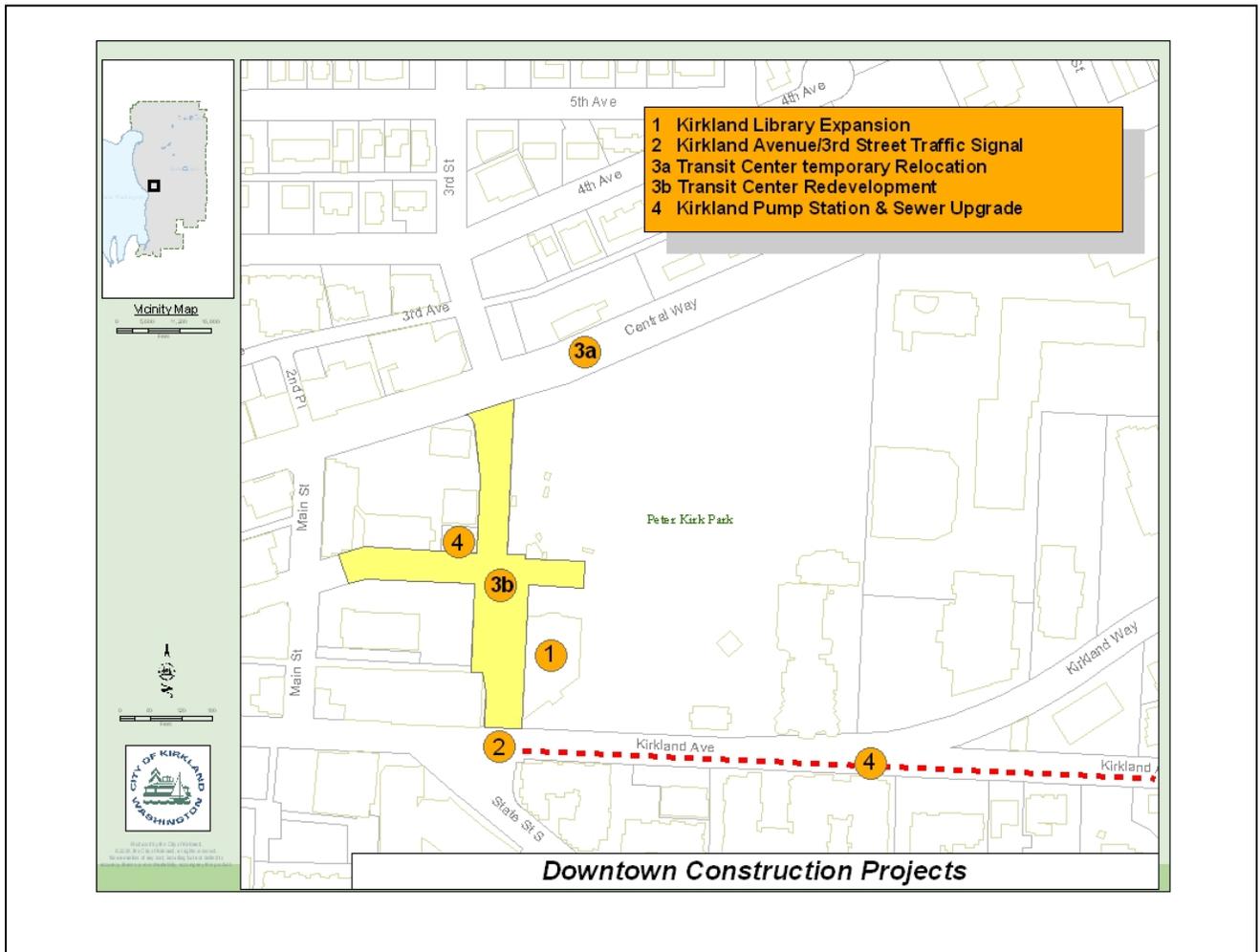
The agencies responsible for these separate, yet coupled, projects are committed to coordinating construction efforts to minimize impacts to your business operations and your customers. They also pledge to keep you informed about progress and construction activities before, during, and after the projects' completion.

We imagine you have many questions and concerns about these projects being constructed and hope that you will make yourself available when a team member contacts you. It will be an opportunity for you to inform the team about your business operations so that planning, design and construction efforts will minimize impacts to the extent possible. Please contact me if I may be of any assistance.

Sincerely,



Kari Page, Neighborhood Services Coordinator
City of Kirkland
425-587-3011 kpage@ci.kirkland.wa.us





Vicinity Map
KIRKLAND AVENUE / 3RD STREET
TRAFFIC SIGNAL IMPROVEMENTS

KIRKLAND AVENUE / 3RD STREET TRAFFIC SIGNAL IMPROVEMENTS PROJECT BUDGET REPORT

