

**Inside:** *King County begins*

*Kirkland Pump Station Upgrade  
 Summer 2011*

**Alternative formats available by calling  
 206-263-6029 or TTY 711.**

### Listening to the Community's Concerns

While projects to improve access, safety and infrastructure are vital to cities, King County recognizes that construction activity can wear on project neighbors over time. In 2011, we are working to assess current business and resident concerns and working with the community and the City of Kirkland to identify potential issues and ways to minimize construction impacts:

- Limiting traffic disruptions and parking impacts;
- Maintaining residential and business access;
- Minimizing interference with scheduled events and activities in the project area;
- Keeping the community up to date on construction activities and progress; and
- Providing advance notice of construction activities, and staffing a 24/7 hotline during construction for questions, concerns, and complaints.



### Learn more, and contact us!

For project information, visit the project Web page at

<http://www.kingcounty.gov/environment/wtd>

Contact Monica Van der Vieren with questions or concerns at 206-263-7301 or [Monica.vandervieren@kingcounty.gov](mailto:Monica.vandervieren@kingcounty.gov)

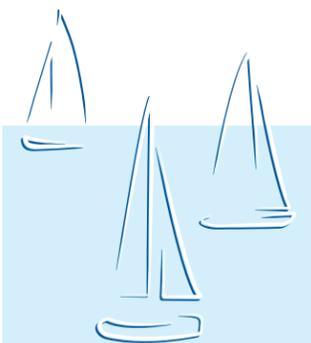
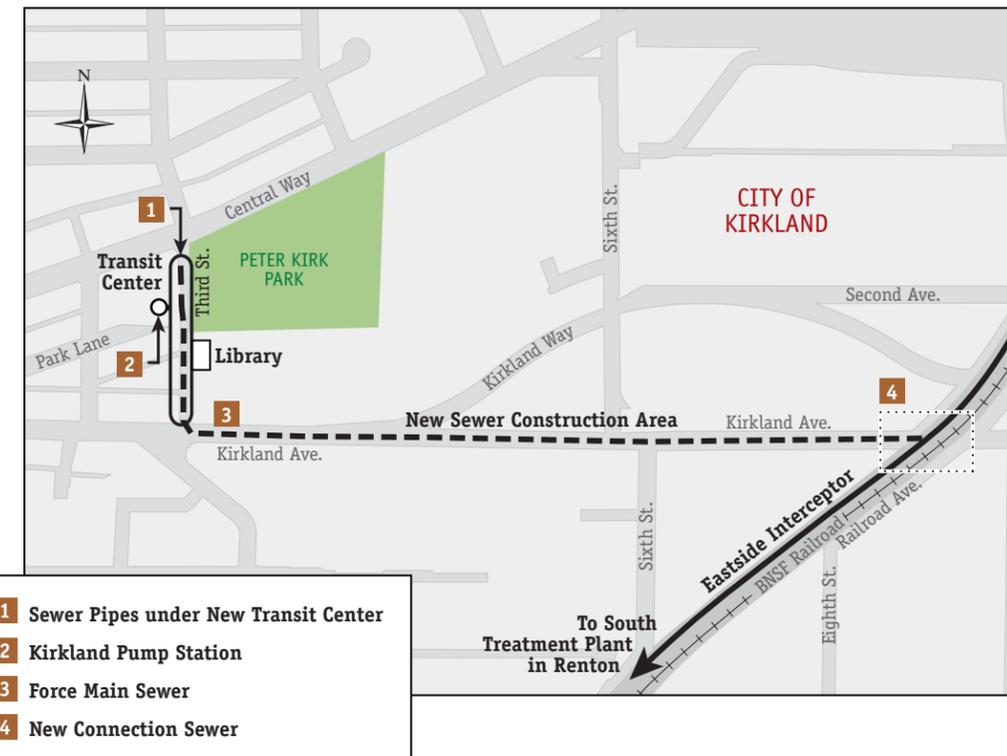
## King County's KIRKLAND PUMP STATION and SEWER UPGRADE PROJECT

### King County Begins Project in Downtown Kirkland Summer 2011

In Summer 2011, the King County Wastewater Treatment Division will begin work to upgrade the Kirkland Pump Station and Force Main to replace aging pump station equipment and to increase the capacity of the pump station. The pump station is located at the corner of Third Street and Park Lane in downtown Kirkland. Force main work will be carried out on Kirkland Avenue from 3rd Street to Railroad Avenue, where new pipelines will be connected to King County's existing conveyance system. Work on pipelines in Third Street is already completed in partnership with Sound Transit's Kirkland Transit Center Project. Construction on the remaining elements of King County's project is expected to begin early summer and extend until 2014.

### Why does King County need to do this project?

King County's project will provide increased wastewater conveyance capacity to accommodate future growth and begin a new service life that will last decades. The existing Kirkland Pump Station was built in the late 1960s and has been in operation for more than 40 years conveying wastewater from the Kirkland area to King County's South Treatment Plant in Renton. Residential and business growth over the last 40 years and into the future requires design for more capacity as part of the pump station upgrade.



*Safe, reliable wastewater conveyance and treatment service is critical to protecting public health and the environment, and supporting our region's economy and quality of life.*

## Project Elements

To reduce community impacts, King County and Sound Transit partnered to complete work on the County's sewer lines in Third Street before the new Kirkland Transit Center was completed.



King County's pipelines in Third Street are already replaced, as part of the Transit Center Project.

As part of the project beginning in 2011, King County's contractor will build a new Kirkland Pump Station, replacing aging pump station equipment to ensure safe and reliable operations and increase pumping capacity from 5.6 million gallons per day (mgd) to a peak capacity of 9.4 mgd. The new pump station will meet current design standards, including odor and noise control.

The contractor will install a new force main on Kirkland Avenue from 3rd Street to Railroad Avenue to accommodate increased flows from the pump station and provide redundant pipes for inspection and service activities.

King County's team worked closely with the City of Kirkland on design of the new pump station that will blend in with future street improvements planned for Park Lane. The County's contractor will restore the portion of Park Lane used during the project for staging equipment, materials, and offices to the city's new design standard.

## Concepts of PS and Park Lane

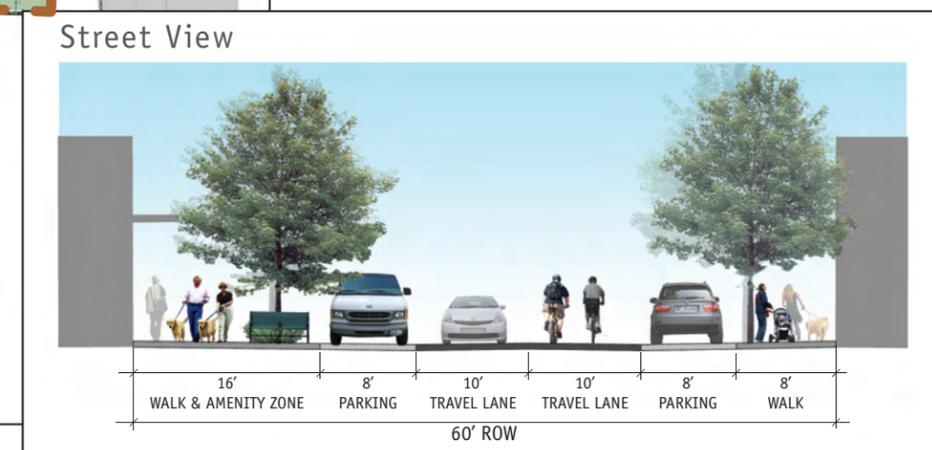
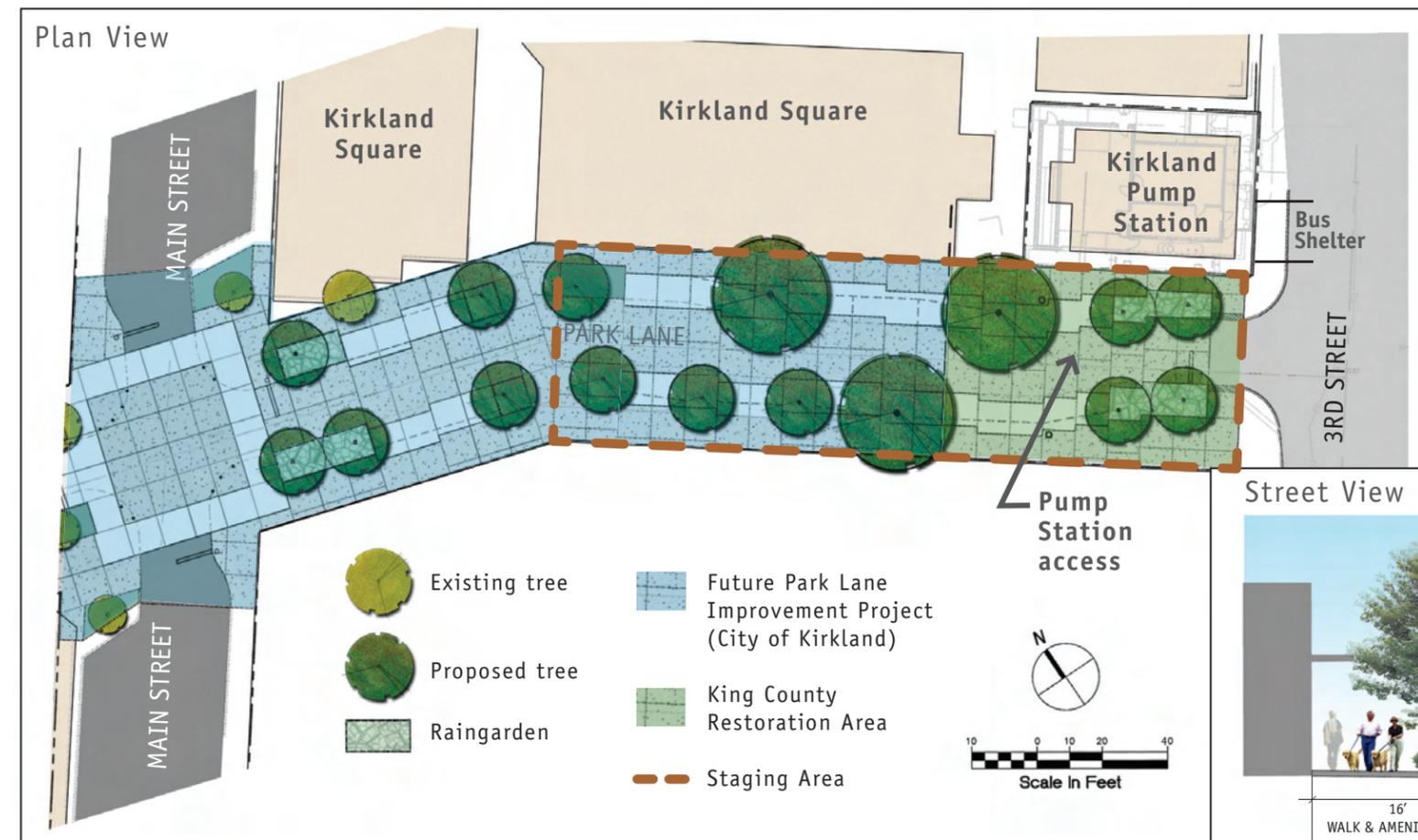
### Project Challenges

King County will continue operations of the existing pump station while constructing the new pump station around it. This approach creates challenges for work

sequencing and timing, with careful consideration given to replacement of facility elements in a specific order to maintain operations.

Work on Kirkland Avenue will be carried out over several months, and will move along the roadway, limiting the duration of impacts in any particular location. The County's contractor will be provided a list of events and activities that may affect this area, and will propose a schedule for the force main replacement. Currently, King County will not start any work on Kirkland Avenue until completion of the city's Central Way and Sixth Avenue improvements, expected in July 2011.

Replacing existing facilities in an area where a city has grown and developed around them creates the need for careful planning and communications with local agencies and the community. King County has given careful consideration to the location of this project in a vibrant downtown area and on busy roadways and is working closely with the City of Kirkland staff on planning and outreach.



## Downtown Kirkland is Transforming

The Kirkland Pump Station Upgrade follows a range of projects to improve transportation and services, and support an active and vibrant downtown area.

The expanded and renovated Kirkland Library reopened in December 2009. The \$3.29 million project included a 4,500 square foot expansion of the current 15,000 square foot library, as well as more materials, computers, wireless access and space for children and teens. The library has a new conference room, a large meeting room and two study rooms.



Kirkland Library, intersection of Kirkland Avenue and 3rd St.

## Kirkland Avenue/3rd Street Traffic Signal

In 2009, the City of Kirkland's contractor installed a traffic signal at the intersection of 3rd Street and Kirkland Avenue. This signal, funded by Sound Transit, was installed to improve traffic flow and pedestrian safety. In addition to the new signal, the project includes curb and gutter, sidewalk, pedestrian crossings, and pavement markers. The signal was installed and operational in 2009.

## Kirkland Transit Center

To improve Sound Transit and King County Metro transit services, Sound Transit built a new transit center on 3rd Street between Kirkland Avenue and Central Way. Open in early 2011, the Kirkland Transit Center features new bus bays and passenger shelters, enhanced pedestrian crossings, widened sidewalks, landscaping, bicycle amenities and public art was constructed and installed. An entirely new roadway was constructed along 3rd Street. Prior to installation of these new transit amenities, all new utilities including sewer, storm, water, and electrical/communication systems were constructed under the new transit center.



Kirkland Pump Station, conceptual drawing