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QUESTIONS?

CONTACT CHRISTIAN KNIGHT
Neighborhood Services Coordinator
(425) 587-3831 cknight@kirklandwa.gov

FALL 2017

PROJECT DIGEST



A QUARTERLY SURVEY OF CAPITAL PROJECTS IN DESIGN OR IN CONSTRUCTION



The widened sidewalk along 98th Avenue Northeast was bustling with pedestrians in early fall.

Capital projects lay the groundwork

The fall edition of *Project Digest* discusses the status of 19 projects, including updated timelines for traffic signals on Sixth Street South, the renovation of Fire Station 25 and corridor improvements on Juanita Drive.

JUANITA DRIVE QUICK WINS (Finn Hill, Juanita)

Crews are nearing completion on a series of improvements along Juanita Drive that have already enhanced the corridor for walking and bicycling. Kirkland's contractor has widened to 10 feet the sidewalk along the west side of 98th Avenue Northeast.

The contractor has also widened several street sections to make room for the continuous uphill bicycle and pedestrian lane. That shared-use lane is buffered by subtle turtle bumps and at the corner near 83rd Avenue Northeast, it is buffered by candlesticks. At the 93rd Avenue Northeast crosswalk to Juanita Beach Park, the Quick Wins project has installed rapid flashing beacons. And at Northeast 138th and 143rd streets, it has created new crosswalks that are enhanced by rapid flashing beacons. Other improvements include a refuge pocket from Northeast 138th Place onto Juanita Drive and a bike box at 98th Avenue Northeast's intersection with Juanita Drive.

The unfunded master plan for Juanita Drive includes more than

30 projects. Visit www.kirklandwa.gov/juanitadrive; contact Senior Project Engineer Aparna Khanal at akhanal@kirklandwa.gov, (425) 587-3827.

LAKEFRONT PEDESTRIAN & BICYCLE IMPROVEMENTS (Juanita, Moss Bay, Lakeview)

BThe City of Kirkland continues to work with the Washington State Department of Transportation to determine the final scope of a project aimed at improving safety for walking and bicycling along Kirkland's north-to-south corridor of Lake Washington Boulevard, Market Street and 98th Avenue Northeast. The improvements will establish two sets of rapid flashing beacons at crosswalks on Market Street, improve sidewalk access along the corridor and create colored bike lanes along much of the corridor. Search "Lakefront Bicycle and Pedestrian Improvements" on www.kirklandwa.gov or contact Senior Project Engineer Aparna Khanal akhanal@kirklandwa.gov, (425) 587-3827.

SIXTH STREET SOUTH TRAFFIC SIGNALS (*Everest*)

Project engineers expect to begin construction in April 2018 on a project aimed at improving traffic safety and access along Sixth Street South with a pair of four-way traffic signals. Crews will install traffic signals at Sixth Street South's intersections with Kirkland Way and Ninth Avenue South. At Sixth Street South and Kirkland Way, the City will reconfigure the intersection to better accommodate buses' turning-radii and reconstruct it with concrete. Concrete is more durable than asphalt pavement and thus, more capable of withstanding the heavier-than-normal traffic loads buses impose on the intersection's surface. Construction on the Kirkland Way intersection should last four to six months and will require a two-week closure of the intersection. Search "Sixth Street improvements" on www.kirklandwa.gov or contact Project Engineer Laura Drake at ldrake@kirklandwa.gov, (425) 587-3833.

HOLMES POINT DRIVE STORMWATER (*Finn Hill*)

Construction begins in December on a fix to a chronic drainage problem in Holmes Point. The new stormwater system will be in place by March 2018 and will feature a bigger stormwater pipe and a new route for the pipes. The existing pipe is too small to convey all the water that currently drains toward it. As a result, water overwhelms the system. Contact Project Engineer Marius Eugenio Jr at meugenio@kirklandwa.gov, (425) 587-3872.

FIRE STATION 25 (*Finn Hill*)

The upgrade of 43-year-old Fire Station 25 on Juanita Drive will relocate emergency responders to former Fire Station 24 on 84th Avenue Northeast until mid-June. As a result, Finn Hill will begin receiving its emergency response from Fire Station 24 in early November while the City's contractor upgrades Fire Station 25 on Juanita Drive. The eight-month renovation project will update Fire Station 25 for seismic activity and modernize it by replacing all of its aging mechanical, plumbing and electrical systems with energy-efficient, code-compliant systems. It will also improve firefighters' workplace health by separating the decontamination area and engine bay from the places where firefighters work and live. Fire stations 21 and 27 will also continue to supplement emergency response for Finn Hill-area emergencies. Search "Fire Station 25" on www.kirklandwa.gov or contact Senior Project Coordinator Anneke Davis at adavis@kirklandwa.gov, (425) 587-3828.

COTTON HILL PARK STORM DRAINAGE (*Highlands*)

The stairs connecting Northeast 100th Street to Cotton Hill Park and the Cross Kirkland Corridor will close from 9 a.m. to 5 p.m. for two work-weeks in late October and early November while Kirkland's job order contractor completes an erosion control project along the hillside. A stormwater pipe protruding from that hillside currently projects water into the hillside, undermining its integrity and expediting erosion. The project will lay a bed of quarry spall rockery, which will restore the hillside's structural integrity. Visit www.kirklandwa.gov/crosskirklandcorridor or contact Project Engineer Scott Gonsar, (425) 587-3830, sgonsar@kirklandwa.gov.

EDITH MOULTON PARK (*Juanita*)

Project engineers are planning to begin in January a renovation project that will add a boardwalk, a pavilion, a restroom, a play structure and a fenced dog area to Juanita's Edith Moulton Park. They expect to complete the project by June. Along the park's border with 108th Avenue Northeast, the City is replacing the existing sidewalk with one that is accessible to those traveling by wheelchair or with the assistance of a white cane. It is also designating eight parallel parking spaces and a bicycle lane. Search "Edith Moulton Park" on www.kirklandwa.gov or contact Project Coordinator Brian Baker at (425) 587-3874, bbaker@kirklandwa.gov

100th AVENUE NORTHEAST (*Juanita*)

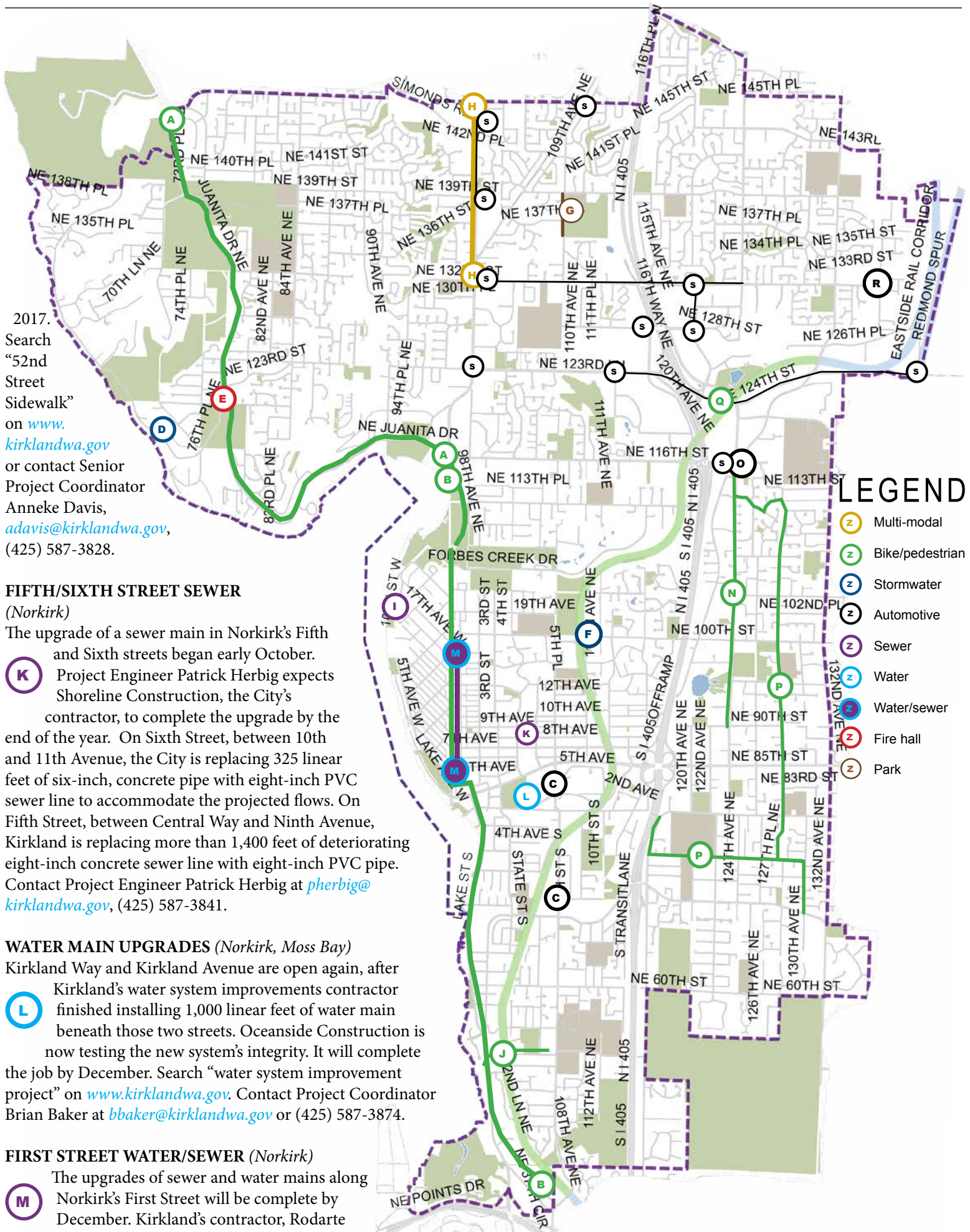
The team of engineers and landscape architects re-designing 100th Avenue Northeast continues to add detail to the concept it shared with the public at an April 25 open house. Meanwhile, team members are meeting with several residents and business operators along 100th Avenue Northeast to discuss with them how the new design will specifically affect their respective properties. Next year, the project team will start applying for a pair of grants in 2018 that could pay for much of the corridor's improvements. If Kirkland earns those grants, construction could start as early as summer 2019. The design includes separated sidewalks and elevated bike lanes along both sides of most of the corridor. The current "60-percent design" also articulates the proposed configurations of the corridor's most problematic intersections, including the intersections at Simonds Road, Juanita-Woodinville Way, Northeast 137th Street and Northeast 132nd Street. Project Engineer Laura Drake said the design process will continue through 2017. For more information, visit www.kirklandwa.gov/100thavedesign or contact Project Engineer Laura Drake at ldrake@kirklandwa.gov, (425) 587-3833.

ROSE POINT LIFT STATION (*Market*)

The reconstruction and relocation of an aging and under-capacity sewage lift station in the Market neighborhood begins in April. The project should be complete by mid-summer. Kirkland is replacing the Rose Point lift station with a new 300 square-foot facility that will feature a new wet-well and dry-well, as well as a new eight-inch overflow line. The Rose Point lift station pumps sewage to the West Point Treatment Plant near Seattle's Discovery Park via a network of gravity and pump systems. Search "Rose Point lift station" on www.kirklandwa.gov or contact Senior Project Engineer Aaron McDonald, amcdonald@kirklandwa.gov, (425) 587-3837.

52ND STREET SIDEWALK & BIKE LANE (*Lakeview*)

Kirkland's project engineers expect construction to be complete by December on the Northeast 52nd Street bicycle and pedestrian connection that connects Lake Washington Boulevard to 108th Avenue Northeast and the Cross Kirkland Corridor. The project features a continuous sidewalk, as well as a 12-foot, westbound shared-lane for both cycling and driving. On the road's south side, the project will add an uphill bike lane for people who are riding their bikes east. Project engineers expect construction to continue throughout



2017. Search “52nd Street Sidewalk” on www.kirklandwa.gov or contact Senior Project Coordinator Anneke Davis, adavis@kirklandwa.gov, (425) 587-3828.

FIFTH/SIXTH STREET SEWER (Norkirk)

The upgrade of a sewer main in Norkirk’s Fifth and Sixth streets began early October. Project Engineer Patrick Herbig expects Shoreline Construction, the City’s contractor, to complete the upgrade by the end of the year. On Sixth Street, between 10th and 11th Avenue, the City is replacing 325 linear feet of six-inch, concrete pipe with eight-inch PVC sewer line to accommodate the projected flows. On Fifth Street, between Central Way and Ninth Avenue, Kirkland is replacing more than 1,400 feet of deteriorating eight-inch concrete sewer line with eight-inch PVC pipe. Contact Project Engineer Patrick Herbig at pherbig@kirklandwa.gov, (425) 587-3841.

WATER MAIN UPGRADES (Norkirk, Moss Bay)

Kirkland Way and Kirkland Avenue are open again, after Kirkland’s water system improvements contractor finished installing 1,000 linear feet of water main beneath those two streets. Oceanside Construction is now testing the new system’s integrity. It will complete the job by December. Search “water system improvement project” on www.kirklandwa.gov. Contact Project Coordinator Brian Baker at bbaker@kirklandwa.gov or (425) 587-3874.

FIRST STREET WATER/SEWER (Norkirk)

The upgrades of sewer and water mains along Norkirk’s First Street will be complete by December. Kirkland’s contractor, Rodarte

LEGEND

- Multi-modal
- Bike/pedestrian
- Stormwater
- Automotive
- Sewer
- Water
- Water/sewer
- Fire hall
- Park

Construction, is upgrading 3,200 linear feet of sewer main along First Street, from Fifth Avenue, near City Hall to 16th Avenue. Rodarte is also upgrading a four-block section of water main from 10th to 14th avenues. The project is replacing a dozen manholes, relocating 1,000 linear feet of water main, upgrading 42 curb ramps and, in 2018, it will repave the blocks of First Street into which contractors trenched. Search “First Street Sewer” on www.kirklandwa.gov or contact Project Engineer Marius Eugenio Jr at meugenio@kirklandwa.gov or (425) 587-3872.

124TH AVENUE NORTHEAST SIDEWALK *(North Rose Hill)*

A project to link South Rose Hill to Totem Lake with a continuous sidewalk along the west side of 124th Avenue Northeast begins 2018. The City plans to build by January 2019 the 3,000 linear feet of missing sidewalk, curb and gutter in the 1.35-mile long section of 124th Avenue Northeast between Northeast 90th and 113th streets. Search “124th Avenue sidewalk” on www.kirklandwa.gov or contact Senior Project Engineer Aparna Khanal, akhanal@kirklandwa.gov, (425) 587-3872.

DUAL LEFT-TURN LANES ON 124TH AVENUE NORTHEAST *(North Rose Hill & Totem Lake)*

An effort to improve safety and traffic flow at one of Kirkland’s most challenging intersections begins January. By summer, Kirkland will have added a northbound-to-westbound left turn-lane to 124th Avenue Northeast at its intersection with Northeast 116th Street. To accommodate the new left-turn lane, Kirkland’s transportation engineers will adjust the signals’ timing. The City will also create a northbound bicycle lane along 124th Avenue Northeast. The intersection suffers from the highest collision rate in the city, according to City of Kirkland data. Left-turns cause more than half of those collisions. The additional left turn-lane will help remedy this dynamic and add more capacity for an intersection that will need to accommodate increasing traffic. Search “Dual left-turn lanes” on www.kirklandwa.gov or contact Project Engineer Laura Drake, (425) 587-3833, ldrake@kirklandwa.gov.

NEIGHBORHOOD GREENWAYS *(North & South Rose Hill)*

Kirkland hired Toole Design Group to advance to completion the concept of the City’s first two Neighborhood Greenways. Kirkland’s greenways design team expects to complete the design by January and to begin construction in the spring. The Toole Design Group will be working with Kirkland’s staff and the public to decide how to make walking and bicycling the primary forms of transportation on South Rose Hill’s Northeast 75th Street and North Rose Hill’s 128th Avenue Northeast. Search “Greenways” on www.kirklandwa.gov or contact Project Engineer Laura Drake at ldrake@kirklandwa.gov, (425) 587-3833.

TOTEM LAKE CONNECTOR *(Totem Lake)*

The Kirkland City Council will review options at its December 12 study session for hand-railing, lighting and view points along the Totem Lake Connector, a pedestrian and bicycle bridge that will connect the two ends of the Cross Kirkland Corridor currently severed by Totem Lake Boulevard and Northeast 124th Street. Meanwhile, City staff are co-applying with



The City Council chose the Skipping Stone concept, pictured above, on June 6 to advance into construction.

King County for a federal transportation grant that would pay for much of the bridge’s construction costs. Senior Project Engineer Aaron McDonald expects to finish the design process by March 2018 and to begin construction when funding is available. The City Council chose the Skipping Stone concept on June 6 for the Totem Lake Connector’s basic design. The Skipping Stone was the public’s top choice and one of the least expensive to build, according to preliminary cost estimates. Visit www.kirklandwa.gov/totemlakeconnector or contact Senior Project Engineer Aaron McDonald, at amcdonald@kirklandwa.gov, (425) 587-3837.

NORTHEAST 132ND STREET ROUNDABOUT *(Totem Lake)*

Traffic calming and improved neighborhood access will be coming in fall 2018 to Northeast 132nd Street and 136th Avenue Northeast in the form of a roundabout. The City of Kirkland plans for construction to begin in August 2018 on the three-legged roundabout. Redevelopment into higher-density homes has placed increasing pressure on the three-way intersection. Search “132nd Street roundabout” on www.kirklandwa.gov or contact Project Engineer Laura Drake, (425) 587-3833, ldrake@kirklandwa.gov.

INTELLIGENT TRANSPORTATION SYSTEMS, PHASE II *(Totem Lake, Juanita)*

Kirkland’s Intelligent Transportation Systems contractor connected two dozen intersection signals in Totem Lake and Juanita to the City Hall-based Transportation Management Center. These connections allow Kirkland’s transportation engineers to monitor traffic conditions and adjust signal-timing in real-time. Earlier this spring, the contractor installed new signal cabinets, crosswalk buttons, fiber optic cable and closed-circuit television cameras, which enable the traffic signals to function as an inter-connected system that can respond to changing demands of traffic. Search “ITS” on www.kirklandwa.gov or contact Project Engineer Laura Drake at ldrake@kirklandwa.gov, (425) 587-3833.

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