Construction begins for many projects

Kirkland is managing a few dozen projects in 2017, ranging from paving arterials and replacing water and sewer mains to designing the Totem Lake Connector bridge and implementing safety measures along Juanita Drive. This digest provides the basics on 22 of those projects.

LAKEFRONT BICYCLE & PEDESTRIAN PROJECT
(Lakeview, Moss Bay, Market, Juanita)
A project that will improve safety for walking and bicycling along Kirkland's north-south corridor of Lake Washington Boulevard, Market Street and 98th Avenue Northeast will begin fall 2017. Senior Project Engineer Aparna Khanal expects Kirkland's contractor to complete Lakefront Bicycle and Pedestrian Improvements by December. The improvements will establish two sets of rapid flashing beacons at crosswalks on Market Street, improve sidewalk access at 30 intersections 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.

PAVING (Kingsgate, South Rose Hill, Bridle Trails, Market, Norkirk)
Kirkland's 2016 paving contractor is paving 93rd and 100th avenues northeast in mid-May and will stripe the streets’ permanent lanes as soon as weather allows. Later in the summer, the City is planning to pave sections of Kingsgate’s 124th Avenue Northeast, Bridle Trails’ 116th Avenue Northeast, Juanita’s Forbes Creek Drive, South Rose Hill’s Northeast 80th Street, and the bridge crossing Interstate 405 at Northeast 72nd Place. The City will also prepare Norkirk’s Third Street this year for the new surface it will receive in 2018 by improving sidewalk access to 30 wheelchair ramps and by upgrading a water main. Visit www.kirklandwa.gov/streetpreservation or contact Streets Engineer George Minassian at (425) 587-3829, gminassian@kirklandwa.gov.

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SIXTH STREET SOUTH TRAFFIC SIGNALS *(Everest)*
A project aimed at managing Sixth Street South's traffic congestion with a pair of four-way traffic signals begins summer 2017. Crews will build traffic signals at Sixth Street South's intersections with Kirkland Way and Ninth Avenue South. At Sixth Street 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 imposed on the intersection's surface by buses. Construction on the Kirkland Way intersection should last four to six months and will require a two-week closure of the intersection. Search “Google vicinity projects” on www.kirklandwa.gov or contact Senior Project Engineer Aparna Khanal at akhanal@kirklandwa.gov, (425) 587-3827.

JUANITA DRIVE QUICK WINS *(Finn Hill)*
Construction will begin May 30 on a series of improvements that will make walking and bicycling along Juanita Drive safer and more efficient. Kirkland’s contractor, Road Construction Northwest will begin at 93rd Avenue Northeast, where the Juanita Drive Quick Wins project calls for a set of Rapid Flashing Beacons. The project includes Rapid Flashing Beacons at two other crosswalks, an uphill bike and pedestrian lane and sidewalk widening south of Juanita Drive's intersection with 98th Avenue Northeast. It includes several other safety improvements, as well, such as an eastbound to northbound refuge pocket from Northeast 138th Place onto Juanita Drive. These improvements are the quickest and most cost-effective ways to improve safety along Juanita Drive. The full plan for Juanita Drive will ultimately include more than 30 projects. Visit www.kirklandwa.gov/juanitadrive or contact Senior Project Engineer Aparna Khanal at akhanal@kirklandwa.gov, (425) 587-3827.

HOLMES POINT DRIVE STORMWATER *(Finn Hill)*
The first of a two-phase fix for a Holmes Point Drive drainage problem should be in place in fall 2017. Kirkland’s engineering consultants are currently permitting through local and state agencies a stormwater system for the area near 11645 Holmes Point Drive. The system 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)*
Design continues on the renovation of Finn Hill’s Fire Station 25, located on Juanita Drive. The design process—and ensuing construction—will bring the 1970s-era fire station into compliance with a variety of building codes and fire station codes. The result of this is three-fold: First, the fire station will be able to withstand a catastrophic event, such as a major earthquake, and thus be able to serve the community during a catastrophe. Its more efficient design will enable firefighters to respond to emergencies faster and prevent contaminants from entering the firefighters’ living areas. Construction will likely begin fall 2017 and end in the summer of 2018. Contact Anneke Davis at adavis@kirklandwa.gov, (425) 587-3828.

CKC SURFACE WATER DRAINAGE REPAIRS *(Highlands)*
Contracted crews begin work in spring 2018 on repairs to a 24-inch culvert that is eroding a small section of the Cross Kirkland Corridor's foundation north of Crestwoods Park. Crews will install a flow-structure to dissipate the impact of the water as it plunges the eight feet from the concrete culvert to the Cross Kirkland Corridor's foundation. They will also build a rockery in the nearby ditch's bed and plant the surrounding area with native vegetation. Some of the work will require trail-closures along the Cross Kirkland Corridor. Visit www.kirklandwa.gov/crosskirklandcorridor or contact Project Engineer Scott Gonsar, (425) 587-3830, sgonsar@kirklandwa.gov.

EDITH MOUTON PARK *(Juanita)*
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 will go out to bid again in fall 2017. Search “Edith Moulton Park” on www.kirklandwa.gov or contact Project Coordinator Brian Baker at (425) 587-3874, bbaker@kirklandwa.gov.

JUANITA BEACH PARK BATHHOUSE *(Juanita)*
Construction begins in fall on a 2,700-square-foot bathhouse and a 75-person pavilion at Juanita Beach Park. The bathhouse will be located just west of where the existing bathhouse is. Along with men’s and women's bathrooms, it will feature a lifeguard station, storage for parks maintenance and three outdoor showers. Search “Juanita Beach Park Bathhouse” on www.kirklandwa.gov or contact Senior Project Coordinator Anneke Davis at adavis@kirklandwa.gov; (425) 587-3828.

100th AVENUE NORTHEAST *(Juanita)*
The team of engineers and landscape architects currently re-designing 100th Avenue Northeast unveiled its detailed concept to the public at an April 25 open house. That concept includes separated sidewalks and elevated bike lanes along both sides of most of the corridor. The “30-percent design” also articulates the proposed configurations of the corridor’s 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.

52ND STREET SIDEWALK & BIKE LANE *(Lakeview)*
Kirkland’s project engineers expect construction to begin summer 2017 on the Northeast 52nd Street bicycle and pedestrian connection to 108th Avenue Northeast, via 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.
CITY HALL PARKING LOT (Norkirk)
The contractor, now building an 84-stall parking lot just south of city hall on Third Avenue, is on pace to complete the project by the beginning of summer. Thomco Construction completed the sidewalk, curb and gutter in mid-May and will focus on laying down the pavement when the weather is clear. Search “City Hall Parking Lot” on www.kirklandwa.gov or call Project Coordinator Brian Baker at (425) 587-3874, bbaker@kirklandwa.gov.

WATER & SEWER UPGRADES ON THIRD AVENUE SOUTH & SECOND STREET SOUTH (Moss Bay)
The contractor Kirkland hired to upgrade water and sewer mains along Second Street South and Third Avenue South is on pace to finish the job by summer. Shoreline Construction has installed the new 12-inch water main in Second Street South and is now replacing the existing six-inch concrete sewer line that runs along Second Street South and Third Avenue South with 780 linear feet of eight-inch PVC sewer pipe. To complete this work, Shoreline is closing its one-block work areas to all traffic, except residential, mail services and emergency response. Search “water and sewer mains along Second Street South and Third Avenue South” on www.kirklandwa.gov or contact Senior Project Engineer Aparna Khanal, akhanal@kirklandwa.gov, (425) 587-3827.

FIFTH/SIXTH STREET SEWER (Norkirk)
Design began this winter on sewer line upgrades in Norkirk’s Fifth and Sixth streets. Project Engineer Patrick Herbig expects construction
to begin late summer 2017. 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.

NORKIRK SIDEWALK (Norkirk)
An on-going project to repair and replace 1,300 linear-feet of deteriorating eight-inch concrete sewer line 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.

124TH AVENUE NORTHEAST SIDEWALK (North Rose Hill)
A project that will in-fill several sidewalk gaps along 124th Avenue Northeast, between Northeast 85th and 116th streets will begin 2018. The project will also create bike lanes. Contact Project Engineer Lane Kawaoka, lkawaoka@kirklandwa.gov, (425) 587-3840.

TOTEM LAKE CONNECTOR (bicycle & pedestrian bridge, Totem Lake)
The Totem Lake Connector’s design team is using the final results from a series of surveys and open houses—as well as projected monetary and environmental costs, and constructability—to rank the four remaining bridge concepts. This ranking will help the City Council decide which concepts to drop and which one will move through the design process and into construction. Senior Project Engineer Aaron McDonald expects to finish the design process by March 2018 and to begin construction as soon as funding is available. The Totem Lake Connector will connect the two ends of the Cross Kirkland Corridor currently severed by Totem Lake Boulevard and 124th Avenue Northeast. Visit www.kirklandwa.gov/totemlakeconnector or contact Senior Project Engineer Aaron McDonald, at amcdonald@kirklandwa.gov, (425) 587-3837.

INTELLIGENT TRANSPORTATION SYSTEMS, PHASE II (Totem Lake, Juanita)
Kirkland’s Intelligent Transportation Systems contractor this spring is installing the signal cabinets, fiber optic cable and closed-circuit television cameras that will allow transportation engineers to monitor traffic flow and adjust signal-timing—if necessary—in real-time at two dozen Totem Lake intersections. City of Kirkland Project Engineer Laura Drake expects Totem Electric to complete the upgrade by June. When complete, these 25 traffic signals will function as an inter-connected system, which Kirkland’s transportation engineers can adjust remotely in real-time from the City Hall-based Traffic Management Center. And since the system uses cameras to detect traffic, the new system will allow commuters to monitor current traffic conditions in real-time, as well. Kirkland upgraded traffic signals in 2015 at intersections along Lake Washington Boulevard, Lake Street, Market Street, 98th Avenue Northeast, and Northeast 85th Street. Search “ITS” on www.kirklandwa.gov or contact Project Engineer Laura Drake at ldrake@kirklandwa.gov, (425) 587-3833.

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