

CHECK THE MAP

See Page 4-5 for a project map



QUESTIONS?

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FALL 2020

PROJECT DIGEST



A QUARTERLY SURVEY OF CAPITAL PROJECTS IN DESIGN OR IN CONSTRUCTION



Trever Dahlberg, a ForeverLawn of Puget Sound turf installer fits turf onto three inches of foam in July at Juanita Beach Park's new all-abilities playground. The playground is one part of a project that is adding a new bathhouse and two picnic pavilions to Kirkland's most visited park. The City of Kirkland expects to complete the project and open to the public the new features in October.

City projects protect quality of life

Safe practices protect work crews, public from COVID-19

Kirkland's decision to proceed—cautiously—with essential improvement projects during COVID-19's emergence into public life seems to have paid off.

Contracted crews are nearing completion on several essential projects throughout the City, including reconstruction of the Totem Lake Boulevard's corridor and Juanita Beach Park's new picnic pavilions, bathhouse and playground, pictured here.

“Providing essential services and protecting the public's health are two of our most basic

responsibilities,” said Kirkland City Manager Kurt Triplett. “COVID-19 has required us to be extremely conscientious to accomplish both. We are demonstrating we can continue to make progress on our projects and protect public health when our workers adopt safe practices.”

As directed by Gov. Jay Inslee's May 31 Safe Start Plan, the Occupational Safety and Health Administration established those safe practices this spring. The Occupational Safety and Health Administration has been regularly inspecting crews for compliance ever since.

USING THE DIGEST

The *Digest* arranges descriptions alphabetically by neighborhood and begins with projects that span multiple neighborhoods. The encircled letters within each project description correspond with letters on the map on pages 4 & 5.



Kirkland, city-wide (not mapped)
Intelligent Transportation Systems Phase III

The City of Kirkland is launching an ambitious design project this winter that will strengthen the invisible hand of the technology the City uses to maximize traffic flow.

A Many of the upgrades will make Kirkland’s traffic signals more resilient to failure and more responsive to changing traffic conditions, as well as to people, who are riding bicycles and buses.

“This project will improve the speed and reliability of transit by implementing transit signal priority,” said Joel Pfundt, Kirkland’s transportation manager. This allows the bus to communicate with the traffic signal. “If the bus is behind schedule and the light is about to turn red, the technology extends the green by a few seconds, which will allow the bus to get through and get on schedule,” Pfundt said.

By limiting those extensions to a few seconds, it will achieve this without disrupting the signal’s normal cycle.

“It won’t do pre-emption, which is what fire engines do,” Pfundt said. “It’s much smarter than that.”

Visit www.kirklandwa.gov/its or contact Transportation Manager Joel Pfundt at jpfundt@kirklandwa.gov, (425) 587-3865.

Houghton, Finn Hill, Juanita, Kingsgate, Lakeview, Norkirk, North Rose Hill
Neighborhood Safety Program

The City of Kirkland is hiring a team of consulting engineers to design the four highest-priority projects from the 2020 Neighborhood Safety Program. Those four projects include:

B **Market:** Improving the Central Way and Market Street intersection.

Kingsgate: Creating a crosswalk on 132nd Avenue Northeast and Northeast 129th Street

Finn Hill: Installing rapid flashing beacons on 84th Avenue Northeast and Northeast 137th Street

Moss Bay: Installing rapid flashing beacons on Central Way and Main Street.

The Neighborhood Safety Program awards up to \$50,000 for grassroots project ideas that improve safety for walking and bicycling. Neighborhood associations will identify project suggestions this fall and select their candidates later on.

Visit www.kirklandwa.gov/nsp or contact Project Engineer Hunter Richards at hrichards@kirklandwa.gov, (425) 587-3244.

Juanita & Finn Hill
Fire Station 24

C A Kirkland contractor began the one-year process in October of building Fire Station 24’s 11,975 square-



Kirkland's contractor breaks ground later this fall on the new Fire Station 24 in the Juanita neighborhood that will improve response times to emergencies. The new fire station also provides healthier living spaces for firefighters.

foot facility just west of Northeast 132nd Street's intersection with 100th Avenue Northeast.

To make room, Kirkland removed in June the Rite Aid building that had previously occupied the parcel.

The City purchased the parcel in 2019 to build a fire station that would reduce the time it takes firefighters to reach residents who are experiencing emergencies.

It's part of a citywide effort to reduce firefighters' response times and ensure fire stations are sustainable, durable, and provide healthier living spaces for firefighters.

Like Finn Hill's renovated Fire Station 25, Fire Station 24 will be able to better withstand earthquakes. It will be energy-efficient and it will improve firefighters' workplace health by separating the decontamination area and engine bay from the places where firefighters work and live. Visit www.kirklandwa.gov/firestation24 or contact Senior Project Engineer Anneke Davis at adavis@kirklandwa.gov, (425) 587-3828.

North Rose Hill & Totem Lake

124th Avenue Northeast Roadway Improvements (from Northeast 116th Street to Northeast 124th Street)

Progress continues on the City's effort to transform the 124th Avenue Northeast into a corridor featuring five lanes, sidewalks and sidewalk-level bicycle lanes.

Between Northeast 124th and 116th streets, the corridor will also feature more accessible bus stops, improved street lighting and more aesthetic landscaping. Staff expects to complete the design in 2021 and to begin construction by 2022. Visit www.kirklandwa.gov/124thavenue or contact Project Engineer Marius

Eugenio, Jr. at meugenio@kirklandwa.gov, (425) 587-3872.

North & South Rose Hill

Neighborhood Greenways

E A Kirkland contractor will begin establishing a variety of features in spring along Northeast 75th Street and 128th Avenue Northeast that will transform the two residential streets into Kirkland's first neighborhood greenways.

Greenways are connective corridors, where walking and bicycling are the primary forms of transportation.

The City will add rapid flashing beacons, 20-mile-per-hour speed-limit signs and other devices to slow traffic. The project earned a \$692,000 state grant in 2019 that will pay for several of its features, including an elevated intersection between Holy Family Catholic Parish and Lake Washington High School. Visit kirklandwa.gov/greenways or contact Project Engineer Laura Drake, ldrake@kirklandwa.gov, (425) 587-3833.

Finn Hill and Norkirk

Street Preservation

F The City of Kirkland repaved sections of three streets this summer in Finn Hill, and Norkirk. Kirkland paved Finn Hill's Northeast 132nd Street, from 80th Avenue Northeast to Juanita Drive Northeast. The City also paved 84th Avenue Northeast, from Northeast 124th Street to Northeast 132nd Street. In Norkirk, the City paved Market Street, from Central Way to 16th Avenue. Visit www.kirklandwa.gov/streetpreservation or contact Streets Engineer George Minassian, gminassian@kirklandwa.gov, (425) 587-3829.

Bridle Trails

122nd Avenue Northeast traffic calming

The City of Kirkland is designing a series of traffic calming measures along a 10-block section of 122nd Avenue



Northeast to discourage drivers from speeding.

The measures will include median islands, bicycle lane enhancements, as well as adjustments to the street's curbline at Northeast 65th 68th streets.

Staff engineers expect to start construction in late fall. Visit www.kirklandwa.gov/122avetrafficcalming or contact Scott Gonsar, sgonsar@kirklandwa.gov, (425) 587-3830.

Central Houghton

108th Avenue Northeast Water & Sewer Main

Progress continues on an ambitious upgrade to an aging water and sewer main along 108th Avenue Northeast. Marshbank



Construction, Kirkland's contractor, expects to finish the project by the end of January.

Marshbank is replacing the two systems—both more than five decades old—to increase their capacities to serve Kirkland's growing population and to reduce the systems' needs for maintenance.

That need is most urgent in the sewer line, which runs from Northeast 68th Street to Northeast 53rd Street. Settling soil has created a sag in the sewer line, allowing sewage to accumulate there and requiring maintenance crews to periodically flush the line. Kirkland is also replacing the water main between Northeast 68th and 60th streets. Visit www.kirklandwa.gov/108thavewatersewer or contact Project Engineer Patrick Herbig at pherbig@kirklandwa.gov, (425) 587-3841.

Everest

Cross Kirkland Corridor Pavilion

Construction begins fall 2020 on a 576-square-foot pavilion near the Cross Kirkland Corridor's intersection with Kirkland Avenue.



The pavilion, inspired by the old railroad depot that once stood there and funded largely by the Kirkland Rotary, will provide a respite for travelers along the Cross Kirkland Corridor as well as a bus shelter for the school children

who wait there. Visit www.kirklandwa.gov/ckc or contact Project Coordinator Hunter Richards at hrichards@kirklandwa.gov, (425) 587-3244.

Kirkland Way Bridge



Kirkland is giving drivers of large trucks notice this fall that they are heading toward Kirkland Way's notorious 'truck-eating bridge.'

The City is installing more than a dozen signs—starting more than 1,300 feet from both sides of the bridge. Currently, drivers have just four signs to warn them—and two of those are affixed to the bridge itself. Contact Scott Gonsar, sgonsar@kirklandwa.gov, (425) 587-3830.



Finn Hill



This rendering depicts a renovated 132nd Square Park.

Juanita Drive Corridor Improvements Phase II

Progress continues on a second phase of improvements that will improve Juanita Drive's safety and efficiency for all types of travel.

Kirkland's team of staff and consulting engineers expect to complete the project's design by fall 2022.

The design focuses on seven improvements between Northeast 112th and 132nd streets, including new left turn lanes and crosswalks at Northeast 128th and 132nd streets. The design includes buffered bicycle lanes and sidewalks between Northeast 132nd Street to 79th Way Northeast.

Kirkland received \$1.4 million in grants to help pay for the \$9.9 million project.

The City expects to begin construction in 2023.

Visit www.kirklandwa.gov/juanitadrivectorridor

Juanita

Juanita Beach Bathhouse



Kirkland's leaders expect to open Juanita Beach Park's new bathhouse, playground and picnic pavilions to the community by Halloween.

Most of the park's 22 acres remain open to the public, including its beach and dock.

The new bathhouse's location will maximize westward views of Lake Washington. Its restrooms will be open year-round. And the bathhouse will increase space for concessions and lifeguards. The new playground will be accessible to people of all abilities.

Visit www.kirklandwa.gov/juanitabeach or contact Senior Project Engineer Anneke Davis, adavis@kirklandwa.gov, (425) 587-3828.

100th Avenue Northeast Roadway Improvements



A Kirkland contractor will plant Cedar Creek's banks, wetlands and riparian zones this fall with 530 trees and 3,700 shrubs. This native vegetation will replace the four dozen trees Kirkland's contractor had to remove to install the 12-foot-wide, eight-foot-tall concrete box culvert it installed beneath 100th Avenue Northeast, just south of its intersection with Simonds Road.

The new culvert opens nearly a mile of upstream salmon habitat that was previously blocked by the sediment-clogged corrugated steel culvert, which the new box culvert has replaced. The new culvert also provides enough space for the 100th Avenue Northeast Roadway Improvement Project.

This future project will add two more automotive lanes, sidewalks and sidewalk-level bicycle lanes on both sides of the street between Northeast 139th and 145th streets.

Visit www.kirklandwa.gov/100thavedesign or contact Project Engineer Debbie Cook, dcook@kirklandwa.gov, (505) 803-0140.

Northeast 132nd Street Signals (at Juanita High School and 108th Avenue Northeast)

N To improve traffic flow along Northeast 132nd Street at 108th Avenue Northeast and at the entrance to Juanita High School, the City of Kirkland is building a pair of right turn-lanes. Project engineers expect to begin construction in summer 2021. To create the space for the turn-lane at Juanita High School, the City will have to construct a 20-foot-high wall that will support the street's embankment. Visit www.kirklandwa.gov/ne132ndstreeturnlanes or contact Project Engineer Laura Drake, ldrake@kirklandwa.gov, (425) 587-3833.

Kingsgate

132nd Square Park Master Plan and Stormwater Detention

B The 132nd Square Park Master Plan that the Kirkland City Council approved in November 2019 will become a construction project at the beginning of 2021. Among other improvements, the project will replace the southern-most soccer field's grassy—and frequently muddy—surface with a synthetic turf surface that will be playable all year, including during wet weather.

To save costs, Kirkland's leaders are timing the park renovation project with the installation of a stormwater system beneath the park's soccer field. The stormwater system will consolidate and treat stormwater run-off from the surrounding 17.5 acres. Visit www.kirklandwa.gov/132ndsquarepark or contact Senior Project Coordinator Brian Baker, bbaker@kirklandwa.gov, (425) 587-3874.

Market

Rose Point Lift Station Replacement

P The replacement of an aging sanitary-sewer lift station in the Market neighborhood should be complete by May 2021. Kirkland is replacing the Rose Point lift station—one of the City's oldest sewage pump stations—with a 300 square-foot facility that will feature a new wet- and dry-well.

The Rose Point Lift Station pumps sewage from 57 homes in the Market neighborhood. Visit www.kirklandwa.gov/rosepointliftstation or contact Project Coordinator Hunter Richards, hrichards@kirklandwa.gov, (425) 587-3244.

Moss Bay

Kirkland Avenue and Lake Street Pedestrian Scramble

Design begins in November on a project that will transform one of downtown Kirkland's busiest intersections into a space that alternates between a pedestrian plaza for people who are walking and a signalized intersection for people who are driving.

Q Using traffic signals to hold automotive traffic at all of the intersection's four legs, people will be able to walk across the intersection in all directions when the pedestrian phase is active.

The project will also elevate the intersection to make people more visible while they are walking.

The scramble will enhance what is already a popular walking route between downtown and Marina Park and extend the pedestrian-friendly feel of Park Lane toward the lake.

The City of Kirkland in 2019 earned \$1.5 million in state and federal money to create the so-called pedestrian scramble at Lake Street's intersection with Kirkland Avenue.

Visit www.kirklandwa.gov/pedestrianscramble or call Project Engineer Laura Drake, ldrake@kirklandwa.gov, (425) 587-3833.

North Rose Hill

Fire Training Simulator

The City of Kirkland staged a training facility in September at Fire Station 26 to give its firefighters a controlled environment in which to train for structural firefighting. The two-story 'building'—constructed with re-purposed shipping containers—will feature props for firefighters to practice a variety of

R techniques, such as search and rescue, fire control and forcible entry.

"In the past, our personnel have had to rely on facilities in neighboring cities in order to conduct this type of training. This innovative structure will allow our personnel to train within the city," said Kirkland Fire Chief Joe Sanford. Contact Kirkland Deputy Fire Chief Tim Day, tday@kirklandwa.gov, (425) 587-3601.

Totem Lake

Totem Lake Connector Pedestrian & Bicycle Bridge

The Kirkland City Council will consider at its Oct. 20 meeting whether to accept the lowest bid offered by contractors to build the Totem Lake Connector pedestrian and bicycle bridge.

S The lowest bid—\$13.89 million—came from Tukwila-based Walsh Construction. If awarded, Walsh Construction could begin preparing the site—Cross Kirkland's Corridor's intersection with Northeast 124th Street and Totem Lake Boulevard—as early as December.

During the first six months of the bridge's two-year construction process, the contractor will be acquiring the materials—mainly steel—to build the bridge and piecing it together. That will take place off-site.

When complete in 2022, the Totem Lake Connector pedestrian and bicycle bridge will connect the two ends of the Cross Kirkland Corridor currently severed by Totem Lake Boulevard and Northeast 124th Street. Visit www.kirklandwa.gov/totemlakeconnector or contact Senior Project Engineer Aaron McDonald, at amcdonald@kirklandwa.gov, (425) 587-3837.



The transformation of Totem Lake Park into a regional destination began in April. Throughout the next year, contracted crews will build restrooms, picnic areas, boardwalks that connect to the Cross Kirkland Corridor and a playground that is accessible to all abilities.

116th Avenue Northeast & Northeast 124th Street

The key to shorter wait times at the southbound leg of 116th Avenue Northeast's intersection with Northeast 124th Street is a dedicated right-turn lane for drivers intending to head west on Northeast 124th Street. Acquiring the space to create that 200-foot turn-lane is one part of a design project aimed at improving the intersection's traffic flow.

The project will also upgrade the traffic signal technology and create a sidewalk on the southeast side of 116th Avenue Northeast with a planter strip. Project engineers expect construction to begin early in 2021. Visit www.kirklandwa.gov/116thavenueturnlane or contact Project Engineer Catherine Okamura, cokamura@kirklandwa.gov, (425) 587-3832.

Totem Lake Gateway Roadway Repair

Kirkland's contractor plans to suspend work along Totem Lake Boulevard for a month or so while its subcontractor manufacturers the railing that divides it from Totem Lake.

Marshbank Construction has already rebuilt and repaved Totem Lake Boulevard. The contractor also built 11-foot-wide sidewalk between the Boulevard's northbound lanes and Totem Lake. This fall, it is installing street lights and a fence along the sidewalk that will complement the Village at Totem Lake's plazas and walkways.

The project upgraded the area's stormwater system, as well, which will direct stormwater runoff into Totem Lake and away from the roadway near Comfort Inn. Visit www.kirklandwa.gov/totemlakegateway or contact Project Engineer Patrick Herbig, (425) 587-3841, pherbig@kirklandwa.gov

Totem Lake Park

The City of Kirkland expects by summer 2021 to have

completed Totem Lake Park's first phase of renovation. The City is building a restroom, picnic and play areas, as well as a 10-foot-wide boardwalk that will connect the park to the Cross Kirkland Corridor. Visit www.kirklandwa.gov/totemlakepark or contact: Senior Project Coordinator Brian Baker, bbaker@kirklandwa.gov, (425) 587-3874.

Willows Road Regional Trail Connection

A Kirkland contractor began progress in late September on a pedestrian and bicycle path that will connect the Cross Kirkland Corridor to Puget Sound's expanding network of shared-use regional trails.

Interwest Construction will pave 1,900 feet of an 11-foot-wide path along the east side of Willows Road Northeast, from its intersection with Northeast 124th Street to its intersection with Eastrail—formerly known as the Eastside Rail Corridor.

Visit www.kirklandwa.gov/willowsconnection or contact Project Engineer Marius Eugenio, Jr., at meugenio@kirklandwa.gov, (425) 587-3872.

Northeast 124th Street/113th Avenue Northeast Crosswalk

Kirkland is hiring a contractor this fall to create a safer, more efficient crosswalk at 113th Avenue Northeast and Northeast 124th Street, which crosses from the Olive Garden's parking lot to The Courtyard at the Marriott. Kirkland's staff and consulting engineers will consider a variety of solutions, including a reconfiguration of the existing traffic signal and modifying the left turn phase for automobiles. Visit www.kirklandwa.gov/113thstreetcrosswalk or contact Project Engineer Marius Eugenio, Jr., meugenio@kirklandwa.gov, (425) 587-3872.