

2020 CAPITAL PROJECTS

Status Legend

ON TRACK

MINOR CHALLENGES

MAJOR CHALLENGES

ON HOLD

COMPLETE



PROJECT PHASES COLOR KEY

PLANNING, CONCEPTUAL DESIGN WORK, ETC.

DESIGN, PERMITTING, ETC.

ADOPTION, IMPLEMENTATION, CONSTRUCTION, ETC.

PROJECT NAME	PROJECT DESCRIPTION	QUARTER 1			QUARTER 2			QUARTER 3		QUARTER 4		
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
MOBILITY PROJECTS												
12th AVENUE NW and SR 900/17th AVE NW	This project widens the northbound SR 900/17 Avenue NW approach to 12th Avenue NW for an exclusive right-turn lane from northbound SR 900/17 Avenue NW to eastbound/southbound 12th Avenue NW and widens 12th Avenue NW at SR 900/NW Sammamish Road to provide additional westbound left-turn approach lane capacity				Design/Bid Preparation <ul style="list-style-type: none"> Final Design Survey/Permitting Right of Way Acquisition 							
ADA IMPROVEMENTS	Primary work includes the design and construction of ADA ramp and improvements in support of the pavement management program. In addition, pedestrian crossing and other non-motorized mobility improvements will be designed and built.			Planning/Conceptual Design <ul style="list-style-type: none"> Define scope Identify Needs Design & Engineering 					Project to be managed by PWO as part of PMP <ul style="list-style-type: none"> Funds can be shared between PMP and ADA improvements PWE staff will be brought in for support when needed. 			
GILMAN BLVD IMPROVEMENTS	Complete a design vision for the Gilman corridor with a focus on safety improvements and development standards. The project would inform potential developers of the future Gilman Boulevard layout and serve as the basis for future capital projects.	Project on hold due to staffing turn over in PWE.										
NEWPORT SR 900 & SE 54th STREET IMPROVEMENTS	Install intersection controls and access management along the Newport Way corridor from SR 900 to SE 54th Street to include one ten-foot travel lane, a bi-directional five-foot bike lane, an eight foot landscaped central median, a twelve-foot left turn pocket (where required), a six-foot landscaped buffers on both sides of the roadway, a six-foot sidewalk on the south side of Newport Way NW, and a twelve-foot mixed use facility for the Mountains to Sound Greenway that meets sidewalk requirements for a Parkway on the north side of Newport Way NW.	Design/Bid Preparation <ul style="list-style-type: none"> Final Design Survey/Permitting Right of Way Acquisition 										
NEWPORT WAY IMPROVEMENTS - MAPLE TO SUNSET	Utilize grant funds to design a three-lane roadway with roundabout intersections, bike lanes, sidewalks, and a multi-use path.	Design/Bid Preparation <ul style="list-style-type: none"> 30% Design Early Right of Way Acquisition 60% Design 										
2ND AVENUE SIDEWALK	Installs new curb, gutter, and sidewalk along the east side of 2nd Avenue SE creating a continuous sidewalk. Improves visibility at the trail crossing, alleviates current issue of cars parking on pedestrian path, completes a gap in the sidewalk and improves non-motorized network connectivity, creates a Safe Route to School for Clark Elementary, Issaquah Middle School & Issaquah High School. This project originally included improving the pedestrian crossing at the Rainier Trail. The 2017 Complete Streets project constructed the Rainier Trail pedestrian crossing improvements.	Project on hold due to staffing turn over in PWE.										
NW SAMMAMISH ROAD NON-MOTORIZED IMPROVEMENT PROJECT	Widen the NW Sammamish roadway between 193rd Pl SE and the State Park Entrance as well as install curb, gutter, sidewalks, bike lanes, and storm drainage.		Coordinate W/ WSDOT Community Engagement <ul style="list-style-type: none"> Communicate with neighborhood Open House Finalize City Improvement Plan 					Coordinate W/ WSDOT Construction <ul style="list-style-type: none"> Coordinate with roadway closure Communicate with community 		Design/Bid Preparation <ul style="list-style-type: none"> Finalize City Design Survey/Permitting Identify Costs Community Engagement 		
PAVEMENT MANAGEMENT PROGRAM	Perform annual street maintenance projects to preserve the life of existing pavement and reduce degradation of the roadway. This program is vital to protect City infrastructure and improve safety within the roadway network.		Preliminary Design			Project funding deferred in COVID-19 Budget Plan						

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SE 43rd WAY SIGNAL IMPROVEMENTS	Realign the entrances to Providence Point and Forest Village and install a new traffic signal at SE 43rd Way.	Design/Bid Preparation <ul style="list-style-type: none"> • Bid Opening • Award of Contract 			Construction <ul style="list-style-type: none"> • Relocate utilities • Install storm drain system • Realign driveways • Install traffic signal 									
THREE TRAILS CROSSING	Improve roadway crossing for the Sammamish Trail, Rainier Boulevard Trail, and the Juniper Street Trail by signaling the intersection at Gilman Boulevard and Juniper Street.	Construction <ul style="list-style-type: none"> • Interim traffic control • Equipment purchase • Construction of signal 												
SE 43rd WAY and EAST LAKE SAMMAMISH PARKWAY ROUNDABOUT MODIFICATIONS	Remove the southbound through lane along East Lake Sammamish Parkway, and convert it to a space with planters that serves as refuge for bicyclists and pedestrians.	Design/Bid Preparation <ul style="list-style-type: none"> • Final Design • Survey/Permitting • Invitation to bid and award • Community Engagement 			Construction <ul style="list-style-type: none"> • City Council authorization to construct • Construction • Community engagement • Coordinate W/ SE 43rd Signal Project 									
SE 66th BRIDGE IMPROVEMENTS	Repairs are necessary to stop additional damage to existing bridge.	Analysis completed; no improvements were needed					No further work necessary							
NEWPORT PEDESTRIAN BRIDGE AND RAISED INTERSECTION	Repairs are necessary to stop additional damage to existing bridge.	Project on hold while waiting for King County parking lot design to move forward												
TECHNOLOGY & SYSTEMS PROJECTS														
ANNUAL PC REPLACEMENT PROGRAM	Replace antiquated staff computers based on industry best practice replacement schedules to ensure reliability, reduce security risk, and reduce operating costs.	Purchase <ul style="list-style-type: none"> • Complete requisition process • Obtain equipment 												
ANNUAL SERVER REPLACEMENT PROGRAM	Replace the City's computer servers annually as part of the annual replacement program.	Purchase <ul style="list-style-type: none"> • Complete requisition process • Obtain equipment 												
PUBLIC WORKS OPERATIONS MMS UPGRADE	Upgrade Public Works Maintenance Management System (MMS) software to current technology.				Project budget reduced & kickoff delayed one quarter,									
ELECTRONIC RECORDS MANAGEMENT SOFTWARE	Enterprise Content Management system (ECM) provides a digital library to manage, organize, and search City records behind existing file locations and platforms.	Scoping: Identify ECM team, Phase 1 goals, Vendor selection	Scoping: Team identified, Phase 1 Goals outlined	Vendor selection: System integration requirements	Project funding deferred in COVID-19 Budget Plan									
PHYSICAL SECURITY / ACCESS CONTROL SYSTEM - PHASE II	Expand existing access control solution to City Hall building exterior doors and the main server closet in City Hall and City Hall South.	Implementation: PWO phase 1 install complete, End User adoption and training completed			Implementation: Scoping for PWO phase 2 and CHS building	Project funding deferred in COVID-19 Budget Plan								
MUNIS IMPLEMENTATION RECONFIGURATION MODULE OPTIMIZATION	Munis is the City's Enterprise Resource Planning (ERP) financial management software system. This project works to reconfigure Munis to more effectively utilize the system of integrated applications related to technology, financial services, and human resources.	Implementation: Data conversion from Eden to Munis completed			Implementation: Parallel billing and system testing continued. Form and report development, End user training and testing			Project kickoff scheduled	<ul style="list-style-type: none"> • Scope UB in Munis 2019 • Outline project resources plan and schedule 		<ul style="list-style-type: none"> • Software configuration • Data conversion • System testing • User training 			
PHYSICAL SECURITY / CAMERA MONITORING SYSTEM	Install and configure centrally managed security cameras at public service locations including the Municipal Court, Parks Facilities, and City Hall NW.	Implementation: Camera system install at Issaquah community center, Issaquah pool and Squak mountain pumping station complete			Implementation: PWO building system upgrade in Q2, Replace 18 cameras and wiring where required			Project funding deferred in COVID-19 Budget Plan						

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PARKS PROJECTS													
DOG PARK	Construction of new off-leash dog park within existing city park land. Public engagement conducted to determine site selection. Site layout/designs will also be vetted with the public prior to submitting for permits.	Permitting <ul style="list-style-type: none"> ✓ DSD coordination ✓ New permit requirements identified 			On Hold <ul style="list-style-type: none"> • Due to Covid-19 and Round 1 general fund budget reductions 			<ul style="list-style-type: none"> • Identify and evaluate options for moving forward with project. • Public engagement and discussion • Proceed with recommended option 					
PARK MASTER PLANS FOR TVP, MEMORIAL PARK, & ISSAQUAH CREEK CORRIDOR	Create park master plans for three major parks: Tibbetts Valley Park, Veterans Memorial Field and the Creek Corridor. Master plans will create a future vision to diversify and activate these parks and position them to best serve Issaquah as anchors of our park system.	Conceptual Design <ul style="list-style-type: none"> ✓ Conceptual options developed. ✓ Online survey developed and ready to launch same time as Covid-19 outbreak (Feb). 			Delayed <ul style="list-style-type: none"> • Due to Covid19 - response 			Engagement Phase II <ul style="list-style-type: none"> • Launch online survey to discuss options • From here forth, engagement for each park will be independent. • Prioritize and sequence the three separate master plan projects and establish timelines. • Public Open Houses and further engagement for each separate project. 					
GATEWAY PARK	The City will dedicated a new park along Newport Way. The developer has installed some infrastructure to create a grassy open lawn. Community engagement will inform a design and future improvements within the park.	Anthology Site Development and Property Dedication <ul style="list-style-type: none"> ✓ Developer completes project and park is dedicated to the City in two parts (April and May) ✓ As-built drawings received • Maintenance bond / MOU - 3 yr. 			Delayed <ul style="list-style-type: none"> • Due Covid-19 related staff reductions and work plan adjustments. Move project to 2021. 								
CENTRAL PARK - PAD #3 TURF REPLACEMENT	Create design documents for improvements to Pad #3 in support of the master plan, and includes turf replacement in 2021. Improvements to the functionality of these fields and surrounding areas (planned for 2022) is important to maximize community use.							Turf Replacement Design <ul style="list-style-type: none"> • Design and Construction documents • Cost estimate 			Permitting & Future Construction <ul style="list-style-type: none"> • Permitting process • Bid project last Q4 for 2021 construction 		
STATE RCO GRANT - BERGSMA ACQUISITION	Submit grant application to the State Recreation Conservation Office (RCO) as outlined in the Bergsma funding strategy.				Grant Application <ul style="list-style-type: none"> ✓ Prepare & submit grant application due 6/1/20 • Prepare presentation • Technical Review 6/16/20 • Technical Completion deadline 8/5/20 			Grant Presentation and Evaluation <ul style="list-style-type: none"> • Refine presentation per RCO technical review • Coordinate with RCO grant manager • Present Virtually to RCO Board (Sept) 			Grant <ul style="list-style-type: none"> • Grant ranking (Nov) • Funding awarded in 2021 Legislative 		
BIKE SKILLS PARK AT CENTRAL PARK	Construction of new youth bike skills park on City property located outside the urban growth boundary in unincorporated King County. Public input informed the design and includes a pump track, dirt jumps and challenge course. 2019 grant funds were not received. King County encouraged the City to apply for grant funds again in 2020.	Evergreen Mtn Bike Alliance Planning <ul style="list-style-type: none"> ✓ KC Youth Sports Grant LOI (Feb) ✓ KC Youth Sports Grant - Invitation to Apply (Mar) 			KC Youth Sports Grant <ul style="list-style-type: none"> • Award Notification (delayed) • If awarded - contract issuance (TBD) 								
SQUAK MOUNTAIN ACCESS TRAIL	Trail and slope stabilization maintenance project located on Squak Mountain. Existing slope stabilization measures reaching end of lifecycle. Trail repair timing requires coordination with adjacent private development currently in construction.	Design & Coordination <ul style="list-style-type: none"> ✓ Contract coordination between Kelkari Developer, City & MTSGT ✓ Trail repair options review ✓ Repair contract execution 						Construct <ul style="list-style-type: none"> • MTSGT - trail repair 					
HARVEY MANNING PARK TRAIL EXPANSION	Partnership with Issaquah Alps Trails Club, WTA and Mountains to Sound Greenway Trust to build a connected trail network from Harvey Manning Park at Talus to Newport Way, Transit Center and Tibbetts Valley Park through the new Bergsma acquisition.				Trail Alignment Conceptual <ul style="list-style-type: none"> ✓ Trail alignment options ✓ Coordination with PWE ✓ Coordination: DSD, IATC, WTA, MTSGT and others 						Design & Planning <ul style="list-style-type: none"> • Permitting with DSD for 2021 Preparation for 2021 construction <ul style="list-style-type: none"> • Construction plans, specifications, cost estimate and schedule • If awarded RCO grant, work cannot begin until contract is executed. 		
HILLSIDE PARK	Improve recreational opportunities with the addition of a play area. Improve trail access to the adjacent neighborhood, open space and cemetery.										Community Engagement and Planning <ul style="list-style-type: none"> • Community/neighborhood engagement • Consultant selection • Site planning & further engagement 		

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FACILITIES PROJECTS													
PWO SALT STORAGE COVER	Cover the remaining three storage bins at the Public Works Operations facility to accommodate rock salt storage and additional covered spoil bins.			Design & Planning • Select vendor from NJPA contract • Approve vendor design • DSD permits • Installation contract					Project funding deferred in COVID-19 Budget Plan				
CITY BUILDINGS INVENTORY ASSESSMENT	Report on current inventory of City-owned facilities. Include Types of tenants, current use, intended use, zone type and long-term needs. Establish criteria to determine long-range plan for each facility/property.										Project Scoping, Research and Assessment Development • List selected inventoried asset • Delayed due to Covid-19 reductions		
SENIOR CENTER NEW HEATING AND COOLING SYSTEM AND NEW ROOF	Replace aging HVAC equipment at end of useful lifecycle. Remove existing roof and install roof system.					Planning/Design • Define scope • Design & Engineering • Invitation to bid • Bid review		Bid Award • Develop schedule • Order Equipment	Construction • HVAC replacement • Roof replacement	Delayed • All bids higher than engineer estimates. • Re-evaluate funding for 2021			
POLICE DEPARTMENT REPLACE CARPET	Replace aging carpet at end of useful lifecycle. Remove existing carpet and install flooring finishes.								Delayed • Due to Covid-19 reductions Re-evaluate for 2021	Planning • Define scope • Product selection			
MAIN CITY HALL. DESIGN REPLACEMENT BUILDING AUTOMATION AND CONTROLS (HVAC)	Replace outdated automated building controls. Phase 1. Work with consulting engineer to design building automation control and sequence of operations for HVAC and Lighting.				Delayed • Due to Covid-19 and staffing constraints.		Planning / Design • Define scope • RFQ • Design & Engineering	Bid Award • 2021 • RFP	Construction • 2021 • Coordinate installation				
TEMPORARY FIRE STATION	The City is working in conjunction with Eastside Fire and Rescue to design and construct a temporary fire station within City limits.	Conceptual Planning/Design • Define scope • Identify site								Design & Planning • Permitting with DSD • Cost Estimates • Scheduling construction			
NEW FIRE STATION 71	The City is working in conjunction with Eastside Fire and Rescue to design and construct a new, permanent fire station within City limits.	Conceptual Planning/Design • Define scope • Identify site											
PUBLIC WORKS OPERATIONS HVAC CONTROL SYSTEM	Upgrade and update original Alerton HVAC control system in the Public Works Operations building.				Conceptual Planning/ Design • Confirm goals with OS • Scope of work		Project funding deferred in COVID-19 Budget Plan						

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STORMWATER PROJECTS														
WEST LAKE SAMMAMISH PARKWAY STORM IMPROVEMENT	Extend existing stormwater conveyance along the north side of West Lake Sammamish Parkway, between 188th Ave SE and 192nd Ave SE, to intercept stormwater before discharging down a steep slope to private residences.	Conceptual Planning/Design • Define scope • Identify site			Project funding deferred in COVID-19 Budget Plan									
EAST LAKE SAMMAMISH PARKWAY WEST DITCH CONVEYANCE PROJECT	Construct stormwater flow capacity improvements along East Lake Sammamish Parkway to alleviate areas with a history of flooding and drainage issues.	Design/Bid Preparation/Permitting • Final Design • Survey/Permitting • Invitation to bid and award • Community Engagement												
LOWER ISSAQUAH CREEK STREAM & RIPARIAN ENHANCEMENT	Extend and integrate existing habitat restoration and improvement areas along Issaquah Creek between I-90 and NW Sammamish Road.	Design and permitting												
STORM DRAINAGE REHABILITATION & IMPROVEMENT PROGRAM	Ongoing capital infrastructure maintenance project to complete annual improvements to deteriorated components of the City's stormwater system.	Planning/Conceptual Design • Define scope • Identify Needs • Design & Engineering									Design/Bid Preparation • Final Design • Survey/Permitting • Invitation to bid and award			
CABIN CREEK TRIBUTARY STABILIZATION AND ENHANCEMENT	Prevent high flow erosion upstream of the confluence of Cabin Creek to eliminate creek sediment discharge and runoff flows into the back of nearby neighborhoods. Alternative energy dissipation options including an anchored high-density polyethylene pipe are being considered.	Design and permitting			Project funding deferred in COVID-19 Budget Plan									
ISSAQUAH HIGHLANDS WEST 45 STORMWATER LIFT STATION REHABILITATION	Repair existing West 45 Stormwater Lift Station to prevent groundwater from entering the vault.	Prepare plans and specifications						Project funding deferred in COVID-19 Budget Plan						
RESERVOIR OVERFLOW DISCHARGE IMPROVEMENTS	Upgrade reservoir overflow drainage with the addition of a conveyance pipe from the reservoir overflow down slope to City detention ponds.	Planning and Geotechnical Studies							Design					
SEWER PROJECTS														
MANHOLE REHABILITATION PROGRAM	Ongoing capital infrastructure maintenance project that identifies, repairs, and restores leaking manholes. This includes lining, raising, inflow restriction, and when required, replacement.	Planning/Conceptual Design • Define scope • Identify Needs • Design & Engineering									Project funding deferred in COVID-19 Budget Plan			
SEWER SYSTEM REHABILITATION PROGRAM	Ongoing capital infrastructure maintenance project that identifies, rehabilitates, and relines deteriorated underground sewer mains. Work also includes analysis, rehabilitation, and updating of sewer lift stations and sewer force mains.	Bid and Award				Construction								
HIGHLANDS SEWER ENERGY DISSIPATER	Design and construct a new access road to the sewer energy dissipater for the primary sewer discharge pipe exiting the Highlands Community as it enters the Public Works Operations Maintenance Facility. This will eliminate the need for an access easement on adjacent property, and provide reliability in maintaining facilities without asking permission to enter private property.	Planning/Conceptual Design • Define scope • Identify Needs • Design & Engineering • RFQ for Consultant				Project funding deferred in COVID-19 Budget Plan								

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WATER PROJECTS													
REDUNDANT WATER FEED TO SQUAK MOUNTAIN	Construct a water main to provide redundancy and added reliability to the City's water system.	Planning and Geotechnical Studies						Design					
SE NEWPORT WAY PRESSURE-REDUCING VALVE MASTER METER	Design and construct a new pressure-reducing valve (PRV) station and master meter to supply water from the Bellevue-Issaquah water pipeline to zone 297, via a new intertie on Newport Way NW.				Planning/Conceptual Design <ul style="list-style-type: none"> • Define scope • Identify Needs • Design & Engineering • RFQ for Consultant 								
SPAR BOOSTER PUMP STATION	Construct a 3,000-gallon per minute booster pump station (BPS) and transmission piping to increase overall reliability and provide redundancy within the City's water system.	Final Bid Package Preparation and Completion of Permitting										Bid	
WATER MAIN REPLACEMENT PROGRAM	This ongoing capital infrastructure maintenance project replaces approximately 2,000 lineal feet of water main each year as identified in the City's Water System Update.	Bid and Award			Construction								
WATER TREATMENT PLANT	Construct new treatment plant to permanently address perfluorochemicals (PFAS), Manganese (Mn), Iron (Fe), Arsenic (As), pH, chlorination, and fluoridation resulting from blending supplies as demand outstrips the well capacity in City zones served by groundwater.	On hold, except to support Rate Studies						On Hold					
FOREST RIM RESERVOIRS RETROFIT	This project consists of painting and restoration work on two water storage reservoirs within Forest Rim.	Design			Bid, award, and construction								
HIGHWOOD RESERVOIRS RETROFIT	Conduct paint and restoration work on two water storage reservoirs within Highwood on Squak Mountain.	On Hold (2020 effort focused on Forest Rim Reservoir)											
COUGAR RIDGE AUTOMATIC ISOLATION VALVE	Install an automatically-controlled gate valve on Cougar Ridge Reservoir A and re-plumb the existing automatically-controlled gate valve to service Reservoir B to protect the water distribution system.	Design			Bid, award, and construction								