

# 2021 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	DECEMBER
<b>MOBILITY PROJECTS</b>													
<b>12th AVENUE NW and SR 900/17th AVE NW</b>	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	<b>Design/Bid Preparation</b> • 30% Design • Survey/Permitting • Right of Way Appraisals			• 60% Design			• 90% Design • Environmental Documentation • Right of Way Acquisition			<b>Design/Bid Preparation</b> • Final Design • Permitting		
<b>NEWPORT SR 900 &amp; SE 54th STREET IMPROVEMENTS</b>	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.	<b>Design/Bid Preparation</b> • Final Design • NEPA • Survey As Built Development						• NEPA - Biological Assessment					
<b>NEWPORT WAY IMPROVEMENTS - MAPLE TO SUNSET</b>	Utilize grant funds to design a three-lane roadway with roundabout intersections, bike lanes, sidewalks, and a multi-use path.	<b>Design/Bid Preparation</b> • Value engineering											
<b>NW SAMMAMISH ROAD NON-MOTORIZED IMPROVEMENT PROJECT</b>	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.	<b>Coordinate W/ WSDOT Construction</b> • Coordinate with roadway closure • Communicate with community						<b>Coordinate W/ Community Engagement</b> • Communicate with neighborhood • Open House • Finalize City Improvement Plan			<b>Design/Bid Preparation</b> • Finalize City Design • Survey/Permitting • Identify Costs • Community Engagement		
<b>PAVEMENT MANAGEMENT PROGRAM</b>	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.	<b>Design/Bid Preparation</b> • 5 year project selection list • NHS Asset mgmt prog. grant. • Bid prep + opening (multiple) • Conc. Ramp Designs • Utility/Community notification						<b>Construction</b> • Patching/Patching Prep • Overlays • Cape Seal • Crack Seal • Concrete Maintenance Program					
<b>FRONT STREET STREETScape</b>	Physical improvements to enhance the pedestrian environment and support the economic and cultural vitality of downtown Issaquah.	<b>Design/Bid Preparation</b>			<b>Construction</b>								
<b>STRATEGIC SMALL CAPITAL PROJECTS</b>	On-going capital project to strategically design and construct early implementation, small scale capital improvements to complete "near-term connections and efficiencies in the mobility system" as outlined in objective MO2 of the Strategic Plan.							<b>Design/Bid Preparation</b> • Prepare plans, specifications, and engineer's estimate • Bid Project			<b>Construction</b> • Construct small scale improvements to the mobility system		
<b>SE 43rd WAY SIGNAL IMPROVEMENTS</b>	Realign the entrances to Providence Point and Forest Village and install a new traffic signal at SE 43rd Way.	<b>Construction</b> • Realign driveways • Install traffic signal • Final Paving • Final Pavement Markings						<b>Punchlist and Plant Establishment Period</b>					

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<b>THREE TRAILS CROSSING</b>	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.	<b>Construction</b> <ul style="list-style-type: none"> <li>Interim traffic control</li> <li>Equipment purchase</li> <li>Construction of signal</li> </ul>											
<b>SE 43rd WAY and EAST LAKE SAMMAMISH PARKWAY ROUNDABOUT MODIFICATIONS</b>	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.	<b>Design/Bid Preparation</b> <ul style="list-style-type: none"> <li>Final Design</li> <li>Survey/Permitting</li> <li>Invitation to bid and award</li> <li>Community Engagement</li> </ul>									<b>Construction</b> <ul style="list-style-type: none"> <li>City Council authorization to construct</li> <li>Construction</li> <li>Community engagement</li> <li>Coordinate W/ SE 43rd Signal Project</li> </ul>		
<b>NEWPORT PEDESTRIAN BRIDGE AND RAISED INTERSECTION</b>	Repairs are necessary to stop additional damage to existing bridge.		<b>Design/Bid Preparation</b> <ul style="list-style-type: none"> <li>Consultant Agreement</li> <li>Project Kickoff</li> <li>90% Design</li> </ul>				<ul style="list-style-type: none"> <li>90% Design</li> <li>Environmental Documentation</li> <li>Permitting</li> </ul>		<ul style="list-style-type: none"> <li>Bid Opening</li> <li>Award of Contract</li> </ul>		<b>Construction</b> <ul style="list-style-type: none"> <li>Concrete raised intersection crossings</li> <li>Storm water drainage adjustments</li> <li>Pedestrian bridge crossing AAC</li> <li>Rapid flashing beacons (RRFB)</li> </ul>		
<b>NEWPORT WAY LANDSLIDE REPAIR</b>	Install Retaining Wall along Newport Way, to repair landslide that occurred in February 2020.	<b>Design/Bid Preparation</b> <ul style="list-style-type: none"> <li>Final Design</li> <li>Survey/Permitting</li> <li>Invitation to bid and award</li> <li>Community Engagement</li> </ul>											
<b>OLDE TOWN TRAFFIC CALMING</b>	Install traffic calming measures in and around Olde Town to reduce vehicle speeds and improve pedestrian safety around the schools.	<b>Design/Bid Preparation</b> <ul style="list-style-type: none"> <li>Order street signs, radar speed trailer and gate</li> <li>Design/utility locates</li> <li>Invitation to bid and award</li> <li>Community Engagement</li> </ul>									<b>Construction</b> <ul style="list-style-type: none"> <li>Relocate Utilities</li> <li>Construct 2nd and Bush Improvements</li> <li>Sunset and Bush Street</li> </ul>		

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<b>TECHNOLOGY &amp; SYSTEMS PROJECTS</b>													
<b>ANNUAL PC REPLACEMENT PROGRAM</b>	Replace antiquated staff computers based on industry best practice replacement schedules to ensure reliability, reduce security risk, and reduce operating costs.	<b>Purchase</b> • Complete requisition process • Obtain equipment											
<b>ANNUAL SERVER REPLACEMENT PROGRAM</b>	Replace the City's computer servers annually as part of the annual replacement program.	<b>Purchase</b> • Complete requisition process • Obtain equipment											
<b>PUBLIC WORKS OPERATIONS MMS UPGRADE</b>	Upgrade Public Works Maintenance Management System (MMS) software to current technology.	<b>Identify project team Gather requirements</b>											
<b>ELECTRONIC RECORDS MANAGEMENT SOFTWARE</b>	Enterprise Content Management system (ECM) provides a digital library to manage, organize, and search City records behind existing file locations and platforms.	<b>Scoping:</b> Identify ECM team, Phase 1 goals, Vendor selection	<b>Scoping:</b> Team Identified, Phase 1 Goals outlined	<b>Vendor selection:</b> System integration requirements	<b>Software Design , Data Conversion and System Configuration</b>			<b>Implementation and Training</b>					
<b>MUNIS IMPLEMENTATION RECONFIGURATION MODULE OPTIMIZATION</b>	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.	<b>Implementation:</b> Data conversion from Eden to Munis completed			<b>Implementation:</b> Parallel billing and system testing continued. Form and report development, End user training and testing				<b>Munis UB Go-Live Scheduled</b>				
<b>CAPITAL EQUIPMENT</b>													
<b>SANITARY SEWER &amp; STORMWATER PIPE CCTV INSPECTION VAN &amp; EQUIPMENT</b>	Purchase a pipe inspection camera van, and related software and equipment to assess stormwater and sanitary sewer systems.	<b>Purchase</b> • Complete requisition process • Obtain equipment			<b>Equipment on order. Significant delays at vehicle manufacturer. Build date delayed until late Q3 up-fitting with equipment scheduled Q4. Potential in-service date on-site late Q4 early Q1 2022</b>								
<b>SEWER EASEMENT MACHINE</b>	Purchase a sanitary sewer line cleaning easement machine that connects to the sewer line jetting truck and extends the cleaning and blockage clearing capabilities 600 feet.	<b>Purchase</b> • Complete requisition process • Obtain equipment			<b>Equipment in-service. Operator and mechanic training received. pending trailer licensing, and a couple of modifications, project complete.</b>								
<b>STORMWATER 6" DRI-PRIME PUMP</b>	Purchase a large silent trailer mounted six-inch pump capable of moving large volumes of water to conduct repairs, maintenance, and other emergency operations.	<b>Purchase</b> • Complete requisition process • Obtain equipment			<b>Equipment on order. Awaiting ETA for build and arrival.</b>								

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<b>PARKS PROJECTS</b>													
<b>DOG PARK TOUR</b>	Provide residents with an Interim Dog Park solution through a "tour" of pop-up dog parks utilizing three park sites on the valley floor. These sites are temporary while the permanent dog park is pursued.	<b>"Pop-Up" Dog Park Tour</b> <ul style="list-style-type: none"> <li>Implement "Pop-Up" temporary dog park tour for 1 yr at three different Park locations: Pickering Barn Field (Nov '20-Jan '21), Squak Valley Park South (Feb '21-May'21) and Issaquah Community Center (Jun '21-Oct '21).</li> <li>Pursue permanent dog park and integrate dog park into Tibbetts Valley Park master plan update.</li> <li>September reapply for next 2021-2022 annual tour.</li> </ul>											
<b>PARK MASTER PLANS FOR TVP, MEMORIAL PARK, &amp; ISSAQUAH CREEK CORRIDOR</b>	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.							<b>Engagement Phase II</b> <ul style="list-style-type: none"> <li>Launch online survey to discuss conceptual options. Timing pending on pandemic.</li> <li>From here forth, engagement for each park will be independent.</li> <li>Prioritize and sequence the three separate master plan projects and establish timelines.</li> <li>New project schedule to be determined.</li> </ul>			<b>Further Schedule - TBD</b> <b>Master Plan Completion TVP and VMF</b> <ul style="list-style-type: none"> <li>Master plan completion for each park in 2022</li> <li>Phasing and implementation plan</li> </ul> <b>Creek Corridor</b> <ul style="list-style-type: none"> <li>Master plan completion in 2022</li> <li>Phasing and implementation plan</li> </ul>		
<b>CENTRAL PARK - PAD #3 TURF REPLACEMENT</b>	Bid and complete the synthetic turf replacement of the Central Park Pad #3 fields in 2021. This needed lifecycle replacement will improve functionality of these fields.	<b>Design</b> <ul style="list-style-type: none"> <li>✓ Determination of in-fill type to be used</li> <li>✓ Construction package development and pricing through KCDA (January)</li> <li>✓ Construction Contract Execution (Jan/Feb)</li> <li>✓ User group/Community notification (in process)</li> </ul>					<b>Construction</b> <ul style="list-style-type: none"> <li>Construction started June 7, and will run through mid-Aug</li> </ul>						
<b>STATE WWRP GRANT (BERGSMAC ACQUISITION)</b>	In 2020, submitted Washington Wildlife and Recreation Program (WWRP) grant application to the State Recreation Conservation Office (RCO) as outlined in the Bergsma funding strategy. 2021 - With the successful ranking of this project, track legislative approval of funding for the WWRP program.							<b>Grant</b> <ul style="list-style-type: none"> <li>Funding awarded in 2021 Legislative Session</li> <li>Contracts received by October for signature</li> <li>Submit reimbursement billing by end of year</li> </ul>					
<b>BLACKBERRY PARK - PLAY AREA REPLACEMENT</b>	Based upon neighborhood engagement in 2017, this project will complete a first phase park improvement with the replacement of the existing play area. Additional neighborhood engagement will help determine the location of the play area, the type of equipment to be installed, and the site conditions / environmental review for this work.	<b>Community Engagement and Planning</b> <ul style="list-style-type: none"> <li>✓ Consultant selection (1 team both play areas)</li> <li>Community/neighborhood engagement</li> <li>Establishment of project schedule, including site planning &amp; design, and project implementation.</li> <li>Site planning &amp; further engagement</li> </ul>				<b>Design &amp; Permitting</b> <ul style="list-style-type: none"> <li>Finalize design</li> <li>Further public engagement</li> <li>Initiate permit process (July)</li> </ul>			<b>Finalize Design Construction</b> <ul style="list-style-type: none"> <li>Construction plans, specifications and estimate</li> <li>Bid construction package</li> <li>Award construction</li> <li>Construct in 2021</li> </ul>				
<b>HILLSIDE PARK - NEW PLAY AREA</b>	Based upon neighborhood engagement in 2014, this project will complete a first phase park improvement with the addition of a new play area. Additional neighborhood engagement will help determine the location of the play area, the type of equipment to be installed, and the site conditions / environmental review for this work.	<b>Community Engagement and Planning</b> <ul style="list-style-type: none"> <li>✓ Consultant selection (1 team both play areas)</li> <li>Community/neighborhood engagement (underway)</li> <li>Establishment of project schedule, including site planning &amp; design, environmental review and project implementation.</li> <li>Field/Wetland direction (July)</li> </ul>						<b>Design &amp; Permitting</b> <ul style="list-style-type: none"> <li>Finalize design</li> <li>Further public engagement</li> <li>Construction plans, specifications and estimate</li> </ul>			<b>Finalize Design Construction</b> <ul style="list-style-type: none"> <li>Bid construction package</li> <li>Award construction</li> <li>Construct in late Q4 2021-Q1 2022</li> </ul>		

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<b>FACILITIES PROJECTS</b>													
<b>PWO SALT STORAGE COVER</b>	Cover the remaining three storage bins at the Public Works Operations facility to accommodate rock salt storage and additional covered spoil bins.	<b>Design &amp; Planning</b> • Select vendor from NJPA contract • Approve vendor design • CPD permits • Installation contract									<b>Construction</b> • Installation		
<b>CITY BUILDINGS INVENTORY ASSESSMENT</b>	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.	<b>Project Scoping</b> • List Facilities and review • City Council Study Session April • Establish evaluation criteria			<b>Evaluate Facilities</b> • Timeline based upon Council discussion and feedback at April Study Session								
<b>SENIOR CENTER NEW HEATING AND COOLING SYSTEM AND NEW ROOF</b>	Replace aging HVAC equipment at end of useful lifecycle. Remove existing roof and install roof system.		<b>Planning/Design</b> • Define scope • Design & Engineering • Invitation to bid • Bid review		<b>Bid Award</b> • Develop schedule • Order Equipment		<b>Construction</b> • HVAC replacement • Roof replacement						
<b>POLICE DEPARTMENT REPLACE CARPET</b>	Replace aging carpet at end of useful lifecycle. Remove existing carpet and install flooring finishes.	<b>Planning</b> • Define scope • Product selection		<b>Bid Award</b> • Invitation to bid • Bid review		<b>Construction</b> • Installation							
<b>POLICE DEPARTMENT ADD SECURITY FENCE AT PARKING LOT</b>	Install new security fencing and gate for patrol car parking lot										<b>Planning</b> • Define scope • Design and Engineering • Bid Review		
<b>MAIN CITY HALL. DESIGN REPLACEMENT BUILDING AUTOMATION AND CONTROLS (HVAC)</b>	Replace outdated automated building controls. Phase 1. Work with consulting engineer to design building automation control and sequence of operations for HVAC and Lighting.							<b>Planning / Design</b> • Define scope • Design & Engineering					
<b>TEMPORARY FIRE STATION 71</b>	The City is working in conjunction with Eastside Fire and Rescue to design and construct a temporary fire station within City limits.	<b>Conceptual Planning / Design</b> • Define scope • Identify site			<b>On Hold</b> • City and EFR have not identified a financially feasible temporary station solution. Project is on hold as both agencies focus on the permanent station and improvements to existing Station 71.								
<b>NEW FIRE STATION 71</b>	The City is working in conjunction with Eastside Fire and Rescue to design and construct a new, permanent fire station within City limits.	<b>Conceptual Planning / Design</b> • Define scope • Identify site											

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<b>STORMWATER PROJECTS</b>													
<b>EAST LAKE SAMMAMISH PARKWAY WEST DITCH CONVEYANCE PROJECT</b>	Construct stormwater flow capacity improvements along East Lake Sammamish Parkway to alleviate areas with a history of flooding and drainage issues.	<b>Design/Bid Preparation/Permitting</b> • Final Design • Survey/Permitting • Invitation to bid and award • Community Engagement											
<b>ISSAQUAH HIGHLANDS WEST 45 STORMWATER LIFT STATION REHAB</b>	This is the first of two phases to rehab the pump station. Phase I will be to seal the vault with grout to prevent ground water intrusion. Phase II will be to make other improvements to the vault to improve maintenance operations; including installation of a maintenance platform, maintenance access road and a security fence.							<b>Design and Permitting</b>			<b>Construction</b>		
<b>LOWER ISSAQUAH CREEK STREAM &amp; RIPARIAN ENHANCEMENT</b>	Extend and integrate existing habitat restoration and improvement areas along Issaquah Creek between I-90 and NW Sammamish Road.	<b>Design and Permitting</b>											
<b>STORM DRAINAGE REHABILITATION &amp; IMPROVEMENT PROGRAM</b>	Ongoing capital infrastructure maintenance project to complete annual improvements to deteriorated components of the City's stormwater system.	<b>Planning/Conceptual Design</b> • Define scope • Identify Needs • Design & Engineering											
<b>RESERVOIR OVERFLOW DISCHARGE IMPROVEMENTS</b>	Upgrade reservoir overflow drainage with the addition of a conveyance pipe from the reservoir overflow down slope to City detention ponds.	<b>Planning and Geotechnical Studies</b>						<b>Design</b>					
<b>SEWER PROJECTS</b>													
<b>SEWER SYSTEM REHABILITATION PROGRAM</b>	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.	<b>Planning/Conceptual Design</b> • In House Design											

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<b>WATER PROJECTS</b>													
<b>REDUNDANT WATER FEED TO SQUAK MOUNTAIN</b>	Construct a water main to provide redundancy and added reliability to the City's water system.	Design									Bid and Award		
<b>SE NEWPORT WAY PRESSURE-REDUCING VALVE MASTER METER</b>	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 • Define scope • Identify Needs • Design & Engineering • RFQ for Consultant			Design								
<b>SPAR BOOSTER PUMP STATION</b>	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 and Award			Construction					
<b>WATER MAIN REPLACEMENT PROGRAM</b>	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					Design and Permitting			Bid and Award		
<b>FOREST RIM RESERVOIRS RETROFIT</b>	This project consists of painting and restoration work on two water storage reservoirs within Forest Rim.	Design	Construction					Substantially Complete					
<b>COUGAR RIDGE AUTOMATIC ISOLATION VALVE</b>	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	Construction					Substantially Complete					
<b>MODIFICATIONS TO WATER SYSTEM TO USE ADDITIONAL CASCADE WATER</b>	Replace CWA Intertie (PRVs and Master Meter) at SR-900, add fluoridation at Gilman well, and add fluoridation and alkalinity at Risdon wells (in new building)	Design and Permitting									Bid and Award		
<b>HIGHWOOD RESERVOIR RETROFIT</b>	Repaint interior and exterior of both tanks.							Design and Permitting			Bid and Award		

DOCUMENT - UPDATED July 12, 2021