

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
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 • 30% Design • Survey/Permitting • Right of Way Appraisals			• 60% Design • Right of Way Acquisition			• 90% Design			• Final Design		
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 • Final Design • NEPA • Survey As Built Development											
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 • Early Right of Way Acquisition - Consultant Agreements • 60% Design											
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 Construction • Coordinate with roadway closure • Communicate with community			Coordinate W/ Community Engagement • Communicate with neighborhood • Open House • Finalize City Improvement Plan						Design/Bid Preparation • 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.	Design/Bid Preparation • 5 year project selection list • NHS Asset mgmt prog. grant. • Bid prep + opening (multiple) • Conc. Ramp Designs • Utility/Community notification						Construction • Patching/Patching Prep • Overlays • Cape Seal • Crack Seal • Concrete Maintenance Program					
FRONT STREET STREETScape	Physical improvements to enhance the pedestrian environment and support the economic and cultural vitality of downtown Issaquah.	Design/Bid Preparation			Construction								
STRATEGIC SMALL CAPITAL PROJECTS	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.							Design/Bid Preparation • Prepare plans, specifications, and engineer's estimate • Bid Project			Construction • Construct small scale improvements to the mobility system		
SE 43rd WAY SIGNAL IMPROVEMENTS	Realign the entrances to Providence Point and Forest Village and install a new traffic signal at SE 43rd Way.	Construction • Realign driveways • Install traffic signal • Final Paving • Final Pavement Markings						Plant Establishment Period					

PROJECT NAME	PROJECT DESCRIPTION	QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4		
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
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 								
NEWPORT PEDESTRIAN BRIDGE AND RAISED INTERSECTION	Repairs are necessary to stop additional damage to existing bridge.		Design/Bid Preparation <ul style="list-style-type: none"> Consultant Agreement Project Kickoff 90% Design 			<ul style="list-style-type: none"> Bid Opening Award of Contract 		Construction <ul style="list-style-type: none"> Concrete raised intersection crossings Storm water drainage adjustments Pedestrian bridge crossing AAC Rapid flashing beacons (RRFB) 					
NEWPORT WAY LANDSLIDE REPAIR	Install Retaining Wall along Newport Way, to repair landslide that occurred in February 2020.	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"> Relocate Utilities Construct Retaining Wall Stabilize Slope Work with WSDOT on Grant 					
OLDE TOWN TRAFFIC CALMING	Install traffic calming measures in and around Olde Town to reduce vehicle speeds and improve pedestrian safety around the schools.	Design/Bid Preparation <ul style="list-style-type: none"> Order street signs, radar speed trailer and gate Design/utility locates Invitation to bid and award Community Engagement 						Construction <ul style="list-style-type: none"> Relocate Utilities Construct 2nd and Bush Improvements Sunset and Bush Street Lighting 					

		QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4		
PROJECT NAME	PROJECT DESCRIPTION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
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 • Complete requisition process • Obtain equipment											
ANNUAL SERVER REPLACEMENT PROGRAM	Replace the City's computer servers annually as part of the annual replacement program.	Purchase • Complete requisition process • Obtain equipment											
PUBLIC WORKS OPERATIONS MMS UPGRADE	Upgrade Public Works Maintenance Management System (MMS) software to current technology.	Identify project team Gather requirements											
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	Software Design , Data Conversion and System Configuration			Implementation and Training					
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				Munis UB Go-Live Scheduled				
CAPITAL EQUIPMENT													
SANITARY SEWER & STORMWATER PIPE CCTV INSPECTION VAN & EQUIPMENT	Purchase a pipe inspection camera van, and related software and equipment to assess stormwater and sanitary sewer systems.	Purchase • Complete requisition process • Obtain equipment			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-sit late Q4 early Q1 2022								
SEWER EASEMENT MACHINE	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.	Purchase • Complete requisition process • Obtain equipment			Equipment in-service. Operator and mechnic training received. pending trailer licensing, and a couple of modifications, project complete.								
STORMWATER 6" DRI-PRIME PUMP	Purchase a large silent trailer mounted six-inch pump capable of moving large volumes of water to conduct repairs, maintenance, and other emergency operations.	Purchase • Complete requisition process • Obtain equipment			Equipment on order. Awaiting ETA for build and arrival as of 4/12/21.								

		QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4		
PROJECT NAME	PROJECT DESCRIPTION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
PARKS PROJECTS													
DOG PARK TOUR	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.	"Pop-Up" Dog Park Tour <ul style="list-style-type: none"> 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). Pursue permanent dog park and integrate dog park into Tibbetts Valley Park master plan update. September reapply for next 2021-2022 annual tour. 											
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.							Engagement Phase II <ul style="list-style-type: none"> Launch online survey to discuss conceptual options. Timing pending on pandemic. From here forth, engagement for each park will be independent. Prioritize and sequence the three separate master plan projects and establish timelines. New project schedule to be determined. TVP and VMF <ul style="list-style-type: none"> Preliminary concepts developed for each park Conduct online survey & public engagement with each park 			Further Schedule - TBD Master Plan Completion TVP and VMF <ul style="list-style-type: none"> Master plan completion for each park in 2022 Phasing and implementation plan Creek Corridor <ul style="list-style-type: none"> Master plan completion in 2022 Phasing and 		
CENTRAL PARK - PAD #3 TURF REPLACEMENT	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.	Design <ul style="list-style-type: none"> ✓ Determination of in-fill type to be used ✓ Construction package development and pricing through KCDA (January) ✓ Construction Contract Execution (Jan/Feb) • User group/Community notification (in process) 						Construction <ul style="list-style-type: none"> • Construction anticipated June through mid-Aug. 					
STATE WWRP GRANT (BERGSMA ACQUISITION)	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.							Grant <ul style="list-style-type: none"> • Funding awarded in 2021 Legislative Session • Contracts received by October for signature • Submit reimbursement billing by end of year 					
BLACKBERRY PARK - PLAY AREA REPLACEMENT	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.	Community Engagement and Planning <ul style="list-style-type: none"> ✓ Consultant selection (1 team both play areas) • Community/neighborhood engagement • Establishment of project schedule, including site planning & design, and project implementation. • Site planning & further engagement 			Design & Permitting <ul style="list-style-type: none"> • Finalize design • Further public engagement 			Finalize Design Construction <ul style="list-style-type: none"> • Construction plans, specifications and estimate • Bid construction package • Award construction • Construct in 2021 					
HILLSIDE PARK - NEW PLAY AREA	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.	Community Engagement and Planning <ul style="list-style-type: none"> ✓ Consultant selection (1 team both play areas) • Community/neighborhood engagement (underway) • Establishment of project schedule, including site planning & design, environmental review and project implementation. • Site planning & further engagement 						Design & Permitting <ul style="list-style-type: none"> • Finalize design • Further public engagement • Construction plans, specifications and estimate 			Finalize Design Construction <ul style="list-style-type: none"> • Bid construction package • Award construction • Construct in late Q4 2021-Q1 2022 		

PROJECT NAME	PROJECT DESCRIPTION	QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4		
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
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 <ul style="list-style-type: none"> Select vendor from NJPA contract Approve vendor design CPD permits Installation contract 									Construction <ul style="list-style-type: none"> Installation 		
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 <ul style="list-style-type: none"> List Facilities and review City Council Study Session April Establish evaluation criteria 			Evaluate Facilities <ul style="list-style-type: none"> Timeline based upon Council discussion and feedback at April Study Session 								
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 <ul style="list-style-type: none"> Define scope Design & Engineering Invitation to bid Bid review 		Bid Award <ul style="list-style-type: none"> Develop schedule Order Equipment 		Construction <ul style="list-style-type: none"> HVAC replacement Roof replacement 							
POLICE DEPARTMENT REPLACE CARPET	Replace aging carpet at end of useful lifecycle. Remove existing carpet and install flooring finishes.	Planning <ul style="list-style-type: none"> Define scope Product selection 		Bid Award <ul style="list-style-type: none"> Invitation to bid Bid review 		Construction <ul style="list-style-type: none"> Installation 							
POLICE DEPARTMENT ADD SECURITY FENCE AT PARKING LOT	Install new security fencing and gate for patrol car parking lot										Planning <ul style="list-style-type: none"> Define scope Design and Engineering Bid Review 		
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.							Planning / Design <ul style="list-style-type: none"> Define scope Design & Engineering 					
TEMPORARY FIRE STATION 71	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 <ul style="list-style-type: none"> Define scope Identify site 			On Hold <ul style="list-style-type: none"> City and EFR have not identified a financially feasible temporary station solution. Project is on hold as both agencies focus on the permanent station 								
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 <ul style="list-style-type: none"> Define scope Identify site 											

		QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4		
PROJECT NAME	PROJECT DESCRIPTION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
STORMWATER PROJECTS													
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			Prepare bid documents/Advertise for bids/Construction			Prepare bid documents/Advertise for bids/Construction			Prepare bid documents/Advertise for bids/Construction		
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			Planning and Geotechnical Studies			Design			Design		
SEWER PROJECTS													
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.	Planning/Conceptual Design • In House Design											

PROJECT NAME	PROJECT DESCRIPTION	QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4		
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
WATER PROJECTS													
REDUNDANT WATER FEED TO SQUAK MOUNTAIN	Construct a water main to provide redundancy and added reliability to the City's water system.	Design									Bid and Award		
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 • Define scope • Identify Needs • Design & Engineering • RFQ for Consultant			Design								
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		Construction							
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								Bid and Award		
FOREST RIM RESERVOIRS RETROFIT	This project consists of painting and restoration work on two water storage reservoirs within Forest Rim.	Design	Construction										
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	Construction										
MODIFICATIONS TO WATER SYSTEM TO USE ADDITIONAL CASCADE WATER	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									Bid and Award		

DOCUMENT - UPDATED April 13, 2021