



CITY OF KIRKLAND
Department of Finance & Administration
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Michael Olson, Director of Finance and Administration
 Sandi Hines, Temporary Deputy Director – Budget and Finance

Date: November 5, 2020

Subject: 2021 to 2026 Capital Improvement Program

RECOMMENDATION:

City Council continues discussion and provides direction for finalizing the 2021-2026 Capital Improvement Program (CIP), which is scheduled to be adopted with the 2021-2022 Biennial Budget at the December 8, 2020, City Council meeting.

BACKGROUND:

The Council was presented with the Preliminary 2021-2026 CIP at the [June 16, 2020 Council Meeting](#). At a follow-up study session on [September 1, 2020](#), changes to the Preliminary 2021-2026 CIP were presented and discussed with Council. The capital program as of the September 1, 2020 study session is included in the Preliminary 2021-2022 Budget. Updated CIP Summary Tables are included as **Attachment A**.

2021-2026 Updated Preliminary Capital Improvement Program

The 2021-2026 funded CIP totals \$179,248,500 for the six-year period, an increase of \$1 million from the preliminary CIP presented in September (see Facilities section below for project change details). The updated Preliminary CIP by program, compared with the Preliminary CIP presented in September, is shown in the table below.

Area	2021-2026 Capital Improvement Program					
	Funded CIP			Unfunded CIP		
	Sept. Update	Current	Change	Sept. Update	Current	Change
Transportation	87,889,800	87,889,800	-	386,558,300	386,558,300	-
Parks	17,758,400	17,758,400	-	131,930,000	131,930,000	-
General Government	-	-	-	-	-	-
Facilities	4,194,800	5,194,800	1,000,000	-	-	-
Technology	2,106,700	2,106,700	-	2,432,000	2,432,000	-
Public Safety	3,001,200	3,001,200	-	55,800,000	55,800,000	-
Water/Sewer Utility	45,417,000	45,417,000	-	49,033,000	49,033,000	-
Surface Water	17,880,600	17,880,600	-	21,555,000	21,555,000	-
Total	178,248,500	179,248,500	1,000,000	647,308,300	647,308,300	-

The following review highlights individual projects and programs for each CIP category and, where necessary, lists potential updates that will be incorporated into the final 2021-2026 CIP brought to Council for adoption at the December 8, 2020, Council meeting.

TRANSPORTATION

Project highlights

There are 37 funded projects in the 2021-2026 CIP totaling \$87,889,800. Eleven new projects are planned to begin during the 2021-2026 CIP cycle totaling \$16,342,000. They have been identified as the next prioritized projects or were added due to another agency's work in the City necessitating the new project.

- **STC 00608 – Local Road Maintenance** (\$300,000)
- **STC 00609 – Totem Lake Boulevard & 120th Avenue NE Preservation** (\$555,000)
- **STC 10700 – NE 85th Street Ped/Bike Connection 114th Avenue NE to 6th Street** (\$6,900,000)
- **STC 10800 – NE 85th Street and 6th Street Westbound Transit Queue Jump** (\$1,300,000)
- **STC 10900 – NE 85th Street Eastbound Third Lane 120th Ave NE to 122nd Ave NE** (\$2,700,000)
- **NMC 08720 – NE 131st Way/90th Ave NE Nonmotorized Improvements (97th Ave NE to NE 134th St) Scope and Design** (\$439,000)
- **NMC 12500 – CKC Lighting 120th Avenue NE to NE 124th Street** (\$680,000)
- **NMC 12600 – School and Transit Connector Sidewalk on 120th Avenue NE** (\$130,000)
- **NMC 12700 – Juanita Drive Nonmotorized Improvements 79th Way NE to NE 120th Street** (\$680,000)
- **NMC 12800 – CKC/Eastrail Crossing Study at 132nd Avenue NE** (\$100,000)
- **TRC 13800 – NE 100th Street/132nd Avenue NE Intersection Improvements** (\$2,558,000)

Safer Routes to School Action Plans Implementation – As requested by Council at the [August 4, 2020](#) Council meeting, a funding mechanism to implement the Safer Routes to School Action Plans has been designed and programmed into the 2021-2026 CIP. This was accomplished by encompassing multiple existing CIP projects and creating new projects.

- **NMC 08700 – Citywide School Walk Route Enhancements:** This existing project will be rebranded with the new title of **Safer Routes to School Action Plans Implementation** and funded by multiple sources including Street Levy funds, REET 2 and School Zone Camera revenue.
- **NMC 08720 – NE 131st Way/90th Ave NE Nonmotorized Improvements (97th Ave NE to NE 134th St) Scope and Design:** This new CIP project funds design and scope work for a group of improvements including 3,000 feet of extruded curb, guardrail repair, and surface water drainage improvements. The Council inquired at the September 1, 2020 meeting if the project could be extended to NE 137th Street for continuity. Scoping for this section can be included in the project within the existing funding. Based on the results of the scoping, staff will be able to clarify final scoping and design needs including ROW, roadway widths and alignment, and sensitive area review. Note that additional funding will be necessary for construction of the identified improvements at a future date.
- **NMC 087xx Unfunded Projects:** Three new unfunded school walk route projects added to the unfunded CIP are candidates for School Walk Route grants through the WA State Department of Transportation. Grant applications have been submitted for all three projects and if the applications are successful before adoption of the CIP in December, the projects will be moved to the funded list.
 - **NMC 087xx – 19th Ave NE/4th St Sidewalks at Crossing of Market Street** (project estimate of \$2,443,500)
 - **NMC 087xx – Reflective Flashing Beacon at 106th Ave NE Crossing NE 68th St** (project estimate of \$134,800)
 - **NMC 087xx – NE 124th Street Sidewalk** (project estimate of \$462,000)

Possible project modifications for final CIP adoption

- **Street Preservation Programs** – There are five separate projects related to preserving City streets, alleys, and parking lots programmed into the 2021-2026 CIP. Annual investment in City roadways is vital to maintaining optimal road conditions, allowing for more cost-effective preventative maintenance treatments to be used, as opposed to costlier rehabilitation treatments required for pavement in poor

condition. The following projects are funded by a combination of gas tax, street levies, REET, business license revenue and funding from the Solid Waste fund.

- STC 00600 – Annual Street Preservation Program
- STC 00603 – Street Levy Street Preservation
- STC 00604 – Central Way Preservation Construction
- STC 00608 – Local Road Maintenance (new project)
- STC 00609 – Totem Lake Boulevard & 120th Ave NE Preservation (new project)

Since September, the design of STC 00604-Central Way Preservation Construction has been progressing and the current estimate from the consultant is \$525,000 above the previous estimate. Staff is currently working on funding options for the increase, to include the close-out of several prior year preservation program projects. A secondary option would be to reduce the annual preservation programs (STC 00600 and STC 00603) in 2021 to fund the increase. Staff will bring the final funding mix as part of the December CIP adoption.

- **100th Avenue Roadway Improvements** – This improvement includes a suite of projects including the four projects listed on the following page that are planned in the 2021-26 CIP:
 - STC 08313 – 100th Ave NE Roadway Improvements (North Section)
 - STC 08314 – 100th Ave NE Roadway Improvements (Mid-North Section)
 - TRC 13500 – 100th Ave NE/Simonds Road Intersection Improvements
 - TRC 13600 – 100th Ave NE/NE 145th St Intersection Improvements

The projects are currently on hold pending approval of environmental permits from two federal agencies – Federal Highway Administration (FHWA) and National Marine Fisheries Service (NWFS, or NOAA Fisheries). Without the approval of the environmental permits by these agencies, the projects will not be able to proceed. Additionally, as reported at the September 1 Council meeting, the project was seeking \$4 million in grant funding from the Puget Sound Regional Council (PSRC). The City has since received notice that Kirkland did not receive the grant funding. CIP staff are developing funding and phasing options that will be brought back to Council at the December Council meeting. Potential funding sources could include deferring other projects and reallocating the money to 100th, additional REET above projections and/or additional debt issued for the project.

- **STC 05913 – 124th Ave NE Roadway Improvements (North Section) Construction:** The City applied for a Transportation Improvement Board (TIB) grant in August for \$3.982 million to fund increased cost estimates. The TIB will announce the grant awards mid-November. Should the City's application be unsuccessful, an additional funding source would be needed. REET revenues above budget could be a funding source.
- **TRC 09800 – NE 132nd St/116th Way NE (I-405) Intersection Improvements:** This project was previously approved in the 2017-2022 CIP for a total of \$300,000 in 2017-2018. The City recently was notified of new funding from WSDOT to pay for in-house engineering for an updated project scope. The new funding is up to \$202,125 and begins in 2021. As such, this project is being included in the 2021-2026 CIP with the additional funding of \$202,125 added in 2021. Additional details are available in the Public Works memo related to this new funding and agreement with WSDOT which is also on the November 17, 2020, Council meeting agenda.

PARKS

Project highlights

There are 16 funded projects in the 2021-2026 CIP totaling \$17,758,400. Recurring projects include park and play area enhancements, dock and shoreline infrastructure, park restroom renovations, a City School playfield partnership project, and park land acquisition. Five new projects are planned to begin starting in year 2023 through 2026 totaling \$3,334,600. They have been identified as the next prioritized projects based on the Parks capital project rating scale:

- **PKC 1590000 – Off Leash Dog Areas** (\$1,869,600): Programmed in total from 2024 to 2026.
- **PKC 1610000 – McAuliffe Park Sanitary Sewer** (\$325,000): Programmed in 2025.
- **PKC 1620000 – Wayfinding and Park Signage Program Plan** (\$700,000): Programmed in total from 2023 to 2026.
- **PKC 1630000 – Trail Upgrades** (\$320,000): Programmed in total from 2023 to 2026.
- **PKC 1700000 – ADA Compliance Upgrades** (\$120,000): Programmed in 2024.

Possible project modifications for final CIP adoption

There are no project modifications currently for the Parks CIP.

FACILITIES

Project highlights

The 2021-2026 Facilities CIP consists of recurring projects that provide for the replacement of facility infrastructure systems such as roofing, flooring, mechanical/HVAC systems, electrical and lighting systems, windows, and the painting of facilities. Funding for the CIP projects comes from annual contributions from the operating funds into individual facility sinking funds. The five CIP projects encompassing all the facility infrastructure system replacements and upgrades totals \$4,194,800 for the 6-year period.

- **GGC 03400 – City Hall Development Services Center/Welcoming Hall:** The project was previously titled **City Hall Expansion** and was previously approved with \$1 million funded from the Development Services Reserve in the General Fund. Recent Council action approved an additional \$1 million from the Development Services Reserve for 2021, thus placing the capital project on the 2021-2026 CIP. The total project funding is now \$2 million. Council has authorized schematic design and cost estimates prior to proceeding with implementation. Approving the CIP does not commit the Council to fund this project. If the Council chooses not to proceed in 2021, the revenues will be returned to the Development Services Reserve.

Possible project modifications for final CIP adoption

There are no project modifications currently for the Facilities CIP.

INFORMATION TECHNOLOGY

Project highlights

The 2021-2026 Information Technology CIP consists of recurring projects that provide for the replacement of network technology equipment such as small on-site servers, storage, infrastructure and phone systems as well as citywide copier replacements. Additionally, GIS systems are maintained and improved through capital funding over the course of the 6-year CIP. Funding for the equipment replacement and GIS improvements comes from a combination of General and Utility Fund contributions. The six CIP projects encompassing all the information technology infrastructure system replacements and upgrades totals \$2,106,700 for the 6-year period.

Possible project modifications for final CIP adoption

There are no project modifications currently for the Information Technology CIP.

PUBLIC SAFETY

Project highlights

The 2021-2026 Public Safety CIP consists of recurring equipment replacement projects for both the Fire and Police Departments. The equipment replacements are funded from sinking fund reserves that are funded by annual transfers from the General Fund. The five CIP projects encompassing all the public safety equipment replacements and upgrades totals \$3,001,200 for the 6-year period.

Possible public safety project modifications for final CIP adoption

- **PSC 06300 – Air Fill Station Replacement:** The replacement scheduled in 2025 for Fire Station 26 for \$87,900 will be removed. The current equipment has broken down and must be replaced in 2020. Based on a 10-year life-cycle replacement schedule, this moves the next replacement date for the equipment out to 2030, beyond the current 6-year planning cycle.
- **PSC 30040 through PSC 30080 – Fire Station Expansion, Remodel and Replacement projects:** With the passage of Proposition 1, Fire and EMS Levy, on Tuesday November 3, the suite of unfunded Fire station improvement projects become funded projects in future years. Due to the need to establish more detailed timeframes for all the projects, no changes will be made to the final 2021-2026 CIP when brought to Council on December 8 for adoption. Staff will bring amendments to the Council for fire/EMS operations and Public Safety CIP projects during the first quarter of 2021.

WATER/SEWER

Project highlights

There are 16 funded projects in the 2021-2026 CIP totaling \$45,417,000. Twelve projects are Water-related totaling \$25,056,500 and four projects are Sewer-related totaling \$20,360,500.

- The Water portion of the CIP includes one new project in 2021-2022:
 - **WAC 16900 - NE 85th St and I-405 Watermain Relocation** (\$6,510,000): Project tied to WSDOT 405/Kirkland Interchange and Inline Station Project (KIISP).
- The Sewer portion of the CIP includes two new projects in 2022-2023:
 - **SSC 08600 - 8th Ave W Sewermain Improvement** (\$1,918,000)
 - **SSC 08700 - West of Market Sewermain Replacement Predesign** (\$500,000)

Possible project modifications for final CIP adoption

There are no project modifications currently for the Water/Sewer CIP.

SURFACE WATER

Project highlights

There are 21 funded projects in the 2021-2026 CIP totaling \$17,880,600. Nine new projects are planned to begin during the 2021-2026 CIP period; they have been identified as the next prioritized projects in the Comprehensive Plan:

- **SDC 12700 - Storm Rehabilitation at Rose Point Lift Station** (\$487,900): Project has been moved out to year 2026.
- **SDC 12800 - NE 85th St/122nd Ave Stormwater Improvements** (\$375,000): Associated with NE 85th St Channelization.
- **SDC 12900 - NE Juanita Drive Storm Failure Near 86th Ave NE** (\$225,000).
- **SDC 13200 - Water Quality treatment and Infiltration at NE 111th PI / 127th PI NE** (\$1,413,500): Tied to Economic Impact Strategy 3 (grant, contractual, or regulatory requirement).
- **SDC 13300 - Bioretention, Water Quality Treatment, and Storage at 126th Ave NE** (\$200,000): Tied to Economic Impact Strategy 3 (grant, contractual, or regulatory requirement).
- **SDC 13900 - 122nd Avenue NE Storm replacement** (\$992,500): Aging and failing infrastructure.
- **SDC 14000 - Holiday Drive Conveyance Improvement Study** (\$350,000): Conveyance system to take the water off Holiday Drive, down the steep slope and into Big Finn Hill Park.
- **SDC 14100 - Storm Line Rehabilitation on NE 136th Street** (\$1,050,000): Aging and failing infrastructure.
- **SDC 14200 - 93rd Avenue NE Hillside Improvements** (\$1,158,000): Kirkland-owned open space property experiencing severe erosion down a steep hillside; project will need to include design options to remedy issue.

Possible project modifications for final CIP adoption

There are no project modifications currently for the Surface Water CIP. The following table details the revenue sources for the updated CIP.

**2021-2026 Capital Improvement Program
Programmed Revenue Sources (in thousands)**

Dedicated Revenue	2021	2022	2023	2024	2025	2026	6-Year Total
Transportation							
Gas Tax	660	673	686	700	700	700	4,119
Gas Tax (Transportation Package)	200	200	250	150	200	200	1,200
Business License Fees	270	270	270	270	270	270	1,620
Real Estate Excise Tax (REET) 1	736	766	733	717	550	950	4,452
Real Estate Excise Tax (REET) 2	1,189	1,311	1,251	1,212	965	1,537	7,465
Street & Pedestrian Safety Levy	2,733	2,760	2,788	2,816	2,816	2,816	16,729
Transportation Impact Fees	1,500	1,500	1,320	-	-	-	4,320
Utility Rates	500	541	500	130	30	333	2,034
Solid Waste Street Preservation	386	393	401	409	417	425	2,431
REET 2 Reserve	404	150	2,230	350	-	-	3,134
Carryover/Prior Year Funds	439	-	-	-	-	-	439
Debt	-	-	1,569	-	-	-	1,569
Secured External Sources	2,584	3,842	1,480	1,600	-	-	9,506
Unsecured External - Sound Transit	900	3,800	6,300	-	-	-	11,000
Unsecured External Sources	4,000	3,982	-	4,336	2,569	2,985	17,872
Subtotal Transportation	16,501	20,188	19,778	12,690	8,517	10,216	87,890
Parks							
Real Estate Excise Tax 1	172	62	1,119	859	692	347	3,251
Park Impact Fees	1,200	1,200	1,200	1,210	1,190	1,200	7,200
Parks Levy	250	250	250	250	250	250	1,500
King County Park Levy	353	353	353	353	353	353	2,118
Park Facilities Sinking Fund	162	169	146	160	150	243	1,030
Carryover/Prior Year Funds	100	-	-	-	-	-	100
External Sources	-	160	720	560	560	560	2,560
Subtotal Parks	2,237	2,194	3,788	3,392	3,195	2,953	17,759
General Government: Technology, Facilities & Public Safety							
General Fund Contributions for:							
Public Sfty. Equip. Sinking Fund	173	126	963	1,067	391	281	3,001
Technology Equip. Sinking Fund	170	333	100	461	150	93	1,307
Utility Rates	64	73	64	83	64	72	420
Facilities Life Cycle Reserve	1,244	150	936	922	385	557	4,194
General Fund Reserves	1,000	-	-	-	-	-	1,000
General Fund Cash	49	70	49	95	49	70	382
Subtotal General Government	2,700	752	2,112	2,628	1,039	1,073	10,304
Utilities							
Utility Connection Charges	425	1,325	1,085	945	945	945	5,670
Utility Rates - Surface Water	1,811	1,942	2,800	2,738	2,638	4,506	16,435
Utility Rates - Water/Sewer	4,789	4,861	5,083	5,400	5,770	5,770	31,673
Reserves	1,752	1,259	1,730	420	1,450	50	6,661
External Sources	865	1,994	-	-	-	-	2,859
Subtotal Utilities	9,642	11,381	10,698	9,503	10,803	11,271	63,298
Total Revenues	31,080	34,515	36,376	28,212	23,554	25,513	179,250

* Totals in table may differ to other written Total Program amounts due to rounding.

Next Steps

The final adoption of the 2021-2026 CIP is scheduled for December 8, 2020. Council feedback on proposed changes will be incorporated and brought back at that time.

City of Kirkland
2021-2026 Capital Improvement Program

TRANSPORTATION PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2021	2022	2023	2024	2025	2026	2021-2026 Total	Funding Sources							
										Current Revenue	Street Levy	Impact Fees	Reserve	Debt	Secured External	Unsecured External	
STC 00600	Annual Street Preservation Program		950,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	9,450,000	9,450,000							
STC 00603	Street Levy Street Preservation		1,683,000	2,460,000	2,488,000	2,516,000	2,516,000	2,516,000	14,179,000	14,179,000							
STC 00604	Central Way Preservation Construction	242,700	1,500,000						1,500,000	750,000	14,179,000						
STC 00608	Local Road Maintenance		50,000	50,000	50,000	50,000	50,000	50,000	300,000	300,000	750,000						
STC 00609	Totem Lake Boulevard & 120th Avenue NE Preservation		555,000						555,000	555,000							
STC 05912	124th Ave NE Roadway Improvements (North Section) ROW	1,414,700	802,000						802,000	802,000						802,000	
STC 05913	124th Ave NE Roadway Improvements (North Section) Construction			8,465,000	935,000				9,400,000	541,000		985,000				3,892,000	3,982,000
STC 08000	Annual Striping Program		500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	3,000,000							
STC 08313	100th Avenue NE Roadway Improvements (North Section)		3,730,500	1,527,000	203,900				1,730,900	272,300			203,900	61,000			1,193,700
STC 08314	100th Avenue NE Roadway Improvements (Mid-North Section)		5,569,300	2,584,000					2,584,000	564,100			564,100				2,019,900
STC 08900	Juanita Drive Intersection and Safety Improvements		3,936,700	980,000	1,477,500	2,338,000			4,795,500	981,400		2,225,600	20,000	1,568,500			
STC 10700	NE 85th Street Ped/Bike Connection 114th Ave NE to 6th St		870,000	2,450,000	3,580,000				6,900,000							6,900,000	
STC 10800	NE 85th St and 6th St Westbound Transit Queue Jump			1,300,000					1,300,000							1,300,000	
STC 10900	NE 85th Street Eastbound Third Lane 120th Ave NE to 122nd Ave NE			2,700,000					2,700,000							2,700,000	
STC 99900	Regional Inter-Agency Coordination			82,000	82,000	82,000	82,000	82,000	410,000	410,000							
NMC 00620	Street Levy - Pedestrian Safety		150,000	150,000	150,000	150,000	150,000	150,000	900,000	900,000	900,000						
NMC 05700	Annual Sidewalk Maintenance Program		100,000	100,000	100,000	100,000	100,000	100,000	600,000	600,000							
NMC 08700	Safer Routes to School Action Plans Implementation		550,000	550,000	550,000	550,000	550,000	550,000	3,300,000	2,400,000	900,000						
NMC 08720	NE 131st Way/90th Ave NE Nonmotorized Impr. (97th Ave NE to NE 134th St) Scope & Design		439,000						439,000					439,000			
NMC 11010	Citywide Accessibility Improvements				50,000	100,000	50,000	100,000	300,000	300,000							
NMC 11300	Citywide Greenways Networks			450,000	1,950,000				2,400,000	315,000		135,000		350,000		1,600,000	
NMC 12500	CKC Lighting 120th Avenue NE to NE 124th Street		680,000						680,000					30,000		650,000	
NMC 12600	School & Transit Connector Sidewalk on 120th Avenue NE		130,000						130,000					10,000		120,000	
NMC 12700	Juanita Drive Nonmotorized Improvements 79th Way NE to NE 120th St		680,000						680,000					30,000		650,000	
NMC 12800	CKC/Eastrail Crossing Study at 132nd Ave NE		100,000						100,000							100,000	
TRC 11600	Annual Signal Maintenance Program		100,000	100,000	100,000	100,000	100,000	100,000	600,000	500,000			100,000				
TRC 11700	Citywide Traffic Management Safety Improvements			100,000	100,000	100,000	100,000	100,000	200,000	200,000							
TRC 11702	Vision Zero Safety Improvement			50,000	50,000	50,000	50,000	50,000	250,000	250,000							
TRC 11703	Neighborhood Traffic Control			50,000	50,000	50,000	50,000	50,000	150,000	150,000							
TRC 12000	Kirkland Intelligent Transportation System Phase 3	924,800			244,100	455,900			1,710,000	2,410,000	704,000						1,706,000
TRC 12400	116th Avenue NE/NE 124th Street Intersection Improvements		1,758,000						565,000	565,000				273,000		292,000	
TRC 13500	100th Avenue NE/Simonds Road Intersection Improvements		1,254,400	582,000					582,000			127,000					455,000
TRC 13600	100th Avenue NE/NE 145th St Intersection Improvements		1,293,500	424,000	150,000				574,000	13,700		78,900	150,000				331,400
TRC 13800	NE 100th Street/132nd Avenue NE Intersection Improvements							2,558,000	2,558,000	1,279,000							1,279,000
TRC 13900	85th St/132nd Ave NE Dual Left Turn Lanes - Design		1,508,700	350,000					350,000	350,000							
PTC 00400	108th Avenue NE Transit Queue Jump - Phase I				1,717,000	1,898,300	1,260,000							967,000		750,000	3,158,300
PTC 00500	108th Avenue NE Transit Queue Jump - Phase II				1,893,300	2,437,900	1,309,000							1,143,200		750,000	3,746,900
Total Funded Transportation Projects		21,633,300	16,501,000	20,188,400	19,777,300	12,690,100	8,517,000	10,216,000	87,889,800	23,321,400	16,729,000	4,319,500	3,573,200	1,568,500	20,506,000	17,872,200	

Notes:
Italics = Modification in timing and/or cost (see Project Modification/Deletion Schedule for more detail)
Bold = New projects
+ = Moved from unfunded status to funded status

TRANSPORTATION PROJECTS

Unfunded Projects in the Capital Facilities Plan Years 7-20

Project Number	Project Title	Total
STC 06300	120th Avenue NE Roadway Improvements	4,500,000
STC 07200	NE 120th Street Roadway Improvements (West Section)	15,780,600
STC 07700	NE 132nd St Rdwy Imprv-Phase I (West Section)	1,739,000
STC 07800	NE 132nd St Rdwy Imprv-Phase II (Mid Section)	408,000
STC 07900	NE 132nd St Rdwy Imprv-Phase III (East Section)	1,444,000
STC 08100	Totem Lake Area Development Opportunity Program	500,000
STC 08315	100th Avenue NE Roadway Improvements (Mid-South Section)	5,530,000
STC 08316	100th Avenue NE Roadway Improvements (South Section)	3,619,000
STC 09400	Holmes Point Dr NE Road Embankment Stabilization Location 1	246,000
STC 09500	Holmes Point Dr NE Road Embankment Stabilization Location 2	412,000
STC 09600	Holmes Point Dr NE Road Embankment Stabilization Location 3	503,000
STC 09700	Holmes Point Dr NE Road Embankment Stabilization Location 4	551,000
STC 09800	Holmes Point Dr NE Road Embankment Stabilization Location 5	232,000
STC 09900	Champaign Pt Road NE Embankment Stabilization	563,000
STC 10000	62nd Ave NE Road Embankment Stabilization	823,000
STC 10100	114th Ave NE Road Reconstruction	1,900,000
STC 10200	90th Ave NE Road Surface Water Drainage Repair	420,000
NMC 01299	Crosswalk Upgrade Program	4,100,000
NMC 08630	CKC Roadway Crossings	3,370,100
NMC 09011	Juanita Drive Bicycle and Pedestrian Improvements	10,650,000
NMC 11100	108th Avenue NE Bicycle Lanes Upgrade	845,000
NMC 11399	Citywide Greenway Network	4,450,000
NMC 11700	On-Street Bicycle Network Phase I	1,120,000
NMC 88881	On-street Bicycle Network	3,280,000
NMC 99991	Sidewalk Completion Program	6,096,800
PTC 00200	Public Transit Speed and Reliability Improvements	500,000
PTC 00300	Public Transit Passenger Environment Improvements	500,000
PTC 00400	108th Avenue NE Transit Queue Jump - Phase I	4,875,000
PTC 00500	108th Avenue NE Transit Queue Jump - Phase II	5,640,000
TRC 09500	NE 132nd St/Fire Stn Access Dr Intersect'n Imp	480,000
TRC 09600	NE 132nd St/124th Ave NE Intersect'n Imp	7,400,000
TRC 09700	NE 132nd St/132nd Ave NE Intersect'n Imp	1,150,000
TRC 12500	Kirkland ITS Implementation Phase 4	2,620,000
TRC 12800	6th Street S/5th Place/CKC Transit Signal Priority	2,600,000
TRC 12900	NE 53rd Street Intersection Improvements	4,345,000
TRC 13000	NE 145th Street/Juanita-Woodinville Way Intersection Imps	2,100,000
TRC 13100	NE 80th Street/120th Avenue NE Intersection Improvements	1,700,000
TRC 13200	100th Avenue NE/132nd Street Intersection Improvements	1,647,000
TRC 13300	100th Avenue NE/Juanita-Woodinville Way Intersection Imps	2,161,000
TRC 13400	100th Avenue NE/137th Street Intersection Improvements	1,475,000
TRC 13800	NE 100th Street/132nd Ave NE Intersection Improvements	1,743,000
Capacity Projects Subtotal		114,018,500
STC 00600	Annual Street Preservation Program	22,750,000
STC 00603	Street Levy Street Preservation	31,107,000
STC 08000	Annual Striping Program	500,000
STC 99990	Regional Inter-Agency Coordination	820,000
NMC 00621	Neighborhood Safety Program Improvements	3,000,000
NMC 05700	Annual Sidewalk Maintenance Program	2,600,000
TRC 11600	Annual Signal Maintenance Program	2,600,000
TRC 11700	Citywide Traffic Management Safety Improvements	1,400,000
TRC 11702	Vision Zero Safety Improvement	650,000
TRC 11703	Neighborhood Traffic Control	325,000
Non-Capacity Projects Subtotal		65,752,000
Total Transportation Master Plan Projects Yrs 7-20		179,770,500

Unfunded Projects in the Capital Facilities Plan Years 7-20 and Transportation Improvement Plan

NMC 02412	Cross Kirkland Corridor Opportunity Fund	500,000
NMC 03100	Crestwoods Park/CKC Corridor Ped/Bike Facility	2,505,000
NMC08000	Juanita-Kingsgate Pedestrian Bridge at I-405	4,500,000
NMC 10600	Citywide CKC Connection	360,000
NMC10700	CKC to Downtown Surface Connection	2,000,000
Capital Facilities Projects Not in TMP Subtotal		9,865,000
Total Capital Facilities Plan Projects Yrs 7-20		189,635,500

Unfunded Transportation Improvement Plan/External Funding Candidates

Project Number	Project Title	Total
STC 05600	132nd Avenue NE Roadway Improvements	25,170,000
STC 06100	119th Avenue NE Roadway Extension	5,640,000
STC 06200	NE 130th Street Roadway Improvements	10,000,000
STC 06400	124th Avenue NE Roadway Extension	30,349,000
STC 07300	120th Avenue NE Roadway Extension	16,392,000
STC 08600	Finn Hill Emergency Vehicle Access Connection	900,000
NMC 03000	NE 90th Street/I-405 Pedestrian/Bicycle Overpass	3,740,700
NMC 03100	Crestwoods Park/CKC Corridor Ped/Bike Facility	2,505,000
NMC 03200	93rd Avenue Sidewalk	1,047,900
NMC 04300	NE 126th St Nonmotorized Facilities	4,277,200
NMC 04600	18th Avenue SW Sidewalk	2,255,000
NMC 05000	NE 80th Street Sidewalk	859,700
NMC 05400	13th Avenue Sidewalk	446,700
NMC 05500	122nd Ave NE Sidewalk	866,700
NMC 05800	111th Avenue Non-Motorized/Emergency Access Connection	2,000,000
NMC 06200	19th Avenue Sidewalk	814,200
NMC 07400	90th Ave NE Sidewalk	353,400
NMC 08000	Juanita-Kingsgate Pedestrian Bridge at I405	4,500,000
NMC 08600	Cross Kirkland Corridor Non-motorized Improvements	65,742,000
NMC 087xx	19th Ave NE/4th St Sidewalks and Crossing of Market Street	2,443,500
NMC 087xx	Reflective Flashing Beacon at 106th Ave NE Crossing NE 68th St	134,800
NMC 087xx	NE 124th Street Sidewalk	462,000
NMC 10600	Citywide CKC Connections	360,000
NMC 10700	CKC to Downtown Surface Connection	2,000,000
TRC 06700	Kirkland Way/CKC Bridge Abutment/Intersection Imprv	6,917,000
TRC 11400	Slater Avenue NE Traffic Calming - Phase I	247,000
TRC 11704	NE 68th Street Intersection Improvements/Access Management	4,375,000
TRC 12300	Slater Avenue NE (132nd Avenue NE)/NE 124th Street	2,124,000
Subtotal Unfunded Transportation Improvement Plan/External Funding Candidates		196,922,800

Grand Total Unfunded Transportation Projects 386,558,300

Notes
Italics = Modification in timing and/or cost
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 += Moved from unfunded status to funded status
 -= Moved from funded status to unfunded status
 # = Projects to be funded with development-related revenues
 ^ = Future, unfunded portion of projects funded in years 1-6
 ~ = Annual Programs with Candidate projects

Potential Non-Motorized Projects Under Placeholders; Not Included in Totals

Project Number	Project Title	Total
<i>NMC 88881 On-Street Bicycle Network Candidate Projects:</i>		
NMC 00100	116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II	3,378,000
NMC 03600	NE 100th Street Bike lane	1,644,300
<i>NMC 99991 Sidewalk Completion Program Candidate Projects:</i>		
NMC 02600	NE 90th Street Sidewalk (Phase II)	706,200
NMC 03700	130th Avenue NE Sidewalk	833,600
NMC 04500	NE 95th Street Sidewalk (Highlands)	571,500
NMC 04700	116th Avenue NE Sidewalk (South Rose Hill)	840,000
NMC 04800	NE 60th Street Sidewalk	500,000
NMC 04900	112th Ave NE Sidewalk	527,600
NMC 06100	NE 104th Street Sidewalk	1,085,000
NMC 06300	Kirkland Way Sidewalk	414,500
NMC 07200	NE 132nd Street Sidewalk at Finn Hill Middle School	840,000
NMC 07500	84th Ave NE Sidewalk	4,052,800
NMC 07600	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1	1,131,000
NMC 07700	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - N	1,185,000
NMC 07800	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - S	747,000
NMC 07900	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2	648,000
NMC 08800	NE 124th Street Sidewalk	376,000
NMC 09700	132nd NE Sidewalk	732,000
NMC 10100	7th Avenue Sidewalk	208,000
NMC 10300	120th Avenue NE Sidewalk	556,000
NMC 10400	NE 122nd Place/NE 123rd Street Sidewalk	1,294,000
NMC 10500	120th Avenue NE Sidewalk	812,000

City of Kirkland
2021-2026 Capital Improvement Program

Attachment A
Revised as of 8-20-2020

PARK PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2021	2022	2023	2024	2025	2026	2021-2026 Total	Funding Source						
										Current Revenue					External Sources	Reserves
										Real Estate Excise Tax	Kirkland Parks Levy	Parks Fac. Sinking Fund	Impact Fees	King County Parks Levy		
PKC 04900	Open Space, Park Land & Trail Acq Grant Match Program		100,000						100,000							100,000
PKC 06600	Parks, Play Areas & Accessibility Enhancements		150,000	140,000	160,000	150,000	370,000	400,000	1,370,000	270,000	1,100,000					
PKC 13310	Dock & Shoreline Renovations	1,629,400	500,000	525,000	300,000	300,000			1,625,000	109,000	210,000			1,306,000		
PKC 13320	City School Playfield Partnership (Kamiakan)	1,838,600			200,000	100,000			400,000	400,000						
PKC 13330	Neighborhood Park Land Acquisition		1,050,000	1,200,000	1,200,000	600,000	730,000	400,000	5,180,000			5,180,000				
PKC 15100	Park Facilities Life Cycle Projects		162,000	169,000	146,000	160,400	150,200	243,200	1,030,800		1,030,800					
PKC 15200	O.O. Denny Park Improvements - Picnic Shelter	175,000	275,000						275,000	125,000		150,000				
PKC 15400	Indoor Recreation & Aquatic Facility Study				160,000				160,000						160,000	
PKC 15500	Green Loop Master Plan & Acquisition			160,000	560,000	560,000	560,000	560,000	2,400,000						2,400,000	
PKC 15600	Park Restrooms Renovation/Replacement Program				791,500				1,583,000	1,477,000				106,000		
PKC 15700	Neighborhood Park Development Program						300,000		300,000	300,000						
PKC 15900	Off Leash Dog Areas					609,600	460,000	800,000	1,869,600			1,869,600				
PKC 16100	McAuliffe Park Sanitary Sewer						325,000		325,000	272,000				53,000		
PKC 16200	Wayfinding and Park Signage Program Plan				150,000		300,000	250,000	700,000	150,000				550,000		
PKC 16300	Trail Upgrades				120,000			200,000	320,000	127,000	90,000			103,000		
PKC 17000	ADA Compliance Upgrades					120,000			120,000	20,000	100,000					
Total Funded Park Projects			2,237,000	2,194,000	3,787,500	3,391,500	3,195,200	2,953,200	17,758,400	3,250,000	1,500,000	1,030,800	7,199,600	2,118,000	2,560,000	100,000

Notes

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PARK PROJECTS

Unfunded Projects:

Project Number	Project Title	Total
PKC 05610	Forbes Lake Park Trail Improvements Phase II	6,000,000
PKC 09510	Heritage Park Development - Phase III & IV	4,000,000
PKC 09700	Reservoir Park Renovation Plan	50,000
PKC 10800	McAuliffe Park Development	7,000,000
PKC 11300	Spinney Homestead Park Renovation Plan	60,000
PKC 11400	Mark Twain Park Renovation Plan	75,000
PKC 11500	Terrace Park Renovation Plan	60,000
PKC 11600	Lee Johnson Field Artificial Turf Installation	5,000,000
PKC 11902	Juanita Beach Park Development Phase II	10,000,000
PKC 12210	Community Recreation Facility Construction	75,000,000
PKC 12400	Snyder's Corner Park Site Master Plan	100,000
PKC 12600	Watershed Park Master Plan	100,000
PKC 12700	Kiwanis Park Master Plan	75,000
PKC 12800	Yarrow Bay Wetlands Master Plan	200,000
PKC 12900	Heronfield Wetlands Master Planning & Development	125,000
PKC 13100	Park & Open Space Acquisition Program	10,000,000
PKC 13510	Juanita Heights Park Master Plan	150,000
PKC 13600	Kingsgate Park Master Planning and Park Development	150,000
PKC 13800	Everest Park Restroom/Storage Building Replacement	1,800,000
PKC 13903	Totem Lake Park Development Phase II	4,000,000
PKC 13904	Totem Lake Park Development Phase III	3,000,000
PKC 14100	South Norway Hill Park Site Master Plan	150,000
PKC 14300	Marsh Park Restroom Replacement	85,000
PKC 14400	Cedar View Park Improvement Plan	50,000
PKC 14500	Environmental Education Center	200,000
PKC 14800	Forbes House Renovation & Historic Preservation Plan	50,000
PKC 14900	Taylor Playfields-Former Houghton Landfill Site Master Plan	300,000
PKC 15000	North Kirkland Community Center Renovation & Expansion Plan	75,000
PKC 16400	Peter Kirk Park - Fencing and Drainage Improvements	250,000
PKC 16500	Skate Park Upgrades	150,000
PKC 16600	Brink Park Gun Mount Renovation	100,000
PKC 16700	O.O. Denny Park Improvements - Sand Volleyball	75,000
PKC 16800	Spray Park	500,000
PKC 16900	Marina Park Dock and Shoreline Renovations	3,000,000
Total Unfunded Parks Projects		131,930,000

Notes

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~ = Partially funded project

City of Kirkland
2021-2026 Capital Improvement Program

Attachment A
Revised as of 10-2-2020

GENERAL GOVERNMENT PROJECTS - Facilities

Funded Projects:

Facilities Sinking Fund											Funding Source			
Project Number	Project Title	Prior Year(s)	2021	2022	2023	2024	2025	2026	2021-2026 Total	Current Revenue	Reserve	Debt	External Source	
<i>GGC 00800</i>	<i>Electrical, Energy Management & Lighting Systems</i>		27,200	96,400	28,400	152,600	23,400	170,000	498,000		498,000			
<i>GGC 00900</i>	<i>Mechanical/HVAC Systems Replacements</i>		14,600	12,000	406,800	299,400	141,700	51,000	925,500		925,500			
<i>GGC 01000</i>	<i>Painting, Ceilings, Partition & Window Replacements</i>		59,900	13,500	140,800	292,200	57,000	178,900	742,300		742,300			
<i>GGC 01100</i>	<i>Roofing, Gutter, Siding and Deck Replacements</i>		970,100		337,100	20,200	8,000	7,400	1,342,800		1,342,800			
<i>GGC 01200</i>	<i>Flooring Replacements</i>		172,500	28,400	22,700	157,900	154,700	150,000	686,200		686,200			
Total Funded General Government Projects - Facilities Sinking Fund		-	1,244,300	150,300	935,800	922,300	384,800	557,300	4,194,800	-	4,194,800	-	-	

Other Projects											Funding Source			
Project Number	Project Title	Prior Year(s)	2021	2022	2023	2024	2025	2026	2021-2026 Total	Current Revenue	Reserve	Debt	External Source	
GGC 04400	City Hall Development Services Ctr/Welcoming Hall	1,000,000	1,000,000						1,000,000		1,000,000			
Subtotal Funded General Government - Other Projects		1,000,000	1,000,000	-	-	-	-	-	1,000,000	-	1,000,000	-	-	

Total Funded General Government Projects - Facilities		1,000,000	2,244,300	150,300	935,800	922,300	384,800	557,300	5,194,800	-	5,194,800	-	-
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Notes

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Bold = New projects

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Note: No Unfunded Facilities Projects

**City of Kirkland
2021-2026 Capital Improvement Program**

Attachment A
Revised as of 8-20-2020

GENERAL GOVERNMENT PROJECTS - Technology

Funded Projects:

Project Number	Project Title	Prior Year Funding	2021	2022	2023	2024	2025	2026	2021-2026 Total	Funding Source	
										Reserves	Utility Funds
<i>ITC 10000</i>	<i>Network Server and Storage Replacements</i>					<i>410,900</i>			<i>410,900</i>	<i>380,600</i>	<i>30,300</i>
<i>ITC 11000</i>	<i>Network Infrastructure</i>		<i>40,500</i>	<i>40,500</i>	<i>40,500</i>	<i>40,500</i>	<i>95,400</i>	<i>83,400</i>	<i>340,800</i>	<i>230,000</i>	<i>110,800</i>
<i>ITC 13000</i>	<i>Network Phone Systems</i>		<i>82,000</i>	<i>290,000</i>	<i>12,000</i>	<i>12,000</i>	<i>12,000</i>	<i>12,000</i>	<i>420,000</i>	<i>383,100</i>	<i>36,900</i>
<i>ITC 14000</i>	<i>Network Security</i>		<i>75,000</i>	<i>30,000</i>	<i>75,000</i>	<i>30,000</i>	<i>75,000</i>	<i>30,000</i>	<i>315,000</i>	<i>238,100</i>	<i>76,900</i>
<i>ITC 20000</i>	<i>Geographic Information Systems</i>		<i>70,000</i>	<i>100,000</i>	<i>70,000</i>	<i>135,000</i>	<i>70,000</i>	<i>100,000</i>	<i>545,000</i>	<i>381,500</i>	<i>163,500</i>
<i>ITC 50000</i>	<i>Copier Replacements</i>		<i>15,000</i>	<i>15,000</i>	<i>15,000</i>	<i>10,000</i>	<i>10,000</i>	<i>10,000</i>	<i>75,000</i>	<i>75,000</i>	<i>-</i>
Total Funded General Government Projects - Technology			282,500	475,500	212,500	638,400	262,400	235,400	2,106,700	1,688,300	418,400

Notes

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Attachment A

Revised as of 8-20-2020

Technology Unfunded Projects:

Project Number	Project Title	Total
ITC 00201	GIS Community Information Portal	100,000
ITC 00305	"Explore Kirkland" Redesign	75,000
ITC 00403	Tyler Content Management in EnerGov Implementation	21,000
ITC 00603	Information Technology Internal Process Improvement	251,200
ITC 00701	Fleet Management Systems Replacement	110,000
ITC 00906	Television Media Equipment Upgrade	210,000
ITC 01001	CodeSmart Court Applications Replacement Evaluation	13,600
ITC 01002	License Plate Reader for Patrol Cars	120,000
ITC 01101	WiFi in the Parks Expansion	400,000
ITC 01301	Parking Improvement Solutions Support	75,000
ITC 01401	New Technology Pilot Programs	78,800
ITC 01501	Enterprise Analytics	977,400
Total Unfunded General Government Projects - Technology		2,432,000

Notes

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**City of Kirkland
2021-2026 Capital Improvement Program**

PUBLIC SAFETY PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2021	2022	2023	2024	2025	2026	2021-2026 Total	Funding Source		
										Reserve	Debt	External Source
FIRE												
<i>PSC 06300</i>	<i>Air Fill Station Replacement</i>					86,200	87,900		174,100	174,100		
<i>PSC 07100</i>	<i>Self Contained Breathing Apparatus (SCBA)</i>				767,100	115,100		35,800	918,000	918,000		
<i>PSC 07600</i>	<i>Personal Protective Equipment</i>		6,800	6,900	7,100	678,500	7,300	7,500	714,100	714,100		
<i>PSC 20000</i>	<i>Fire Equipment Replacement</i>		43,000	8,300	28,600	27,000	29,800	77,100	213,800	213,800		
POLICE												
<i>PSC 10000</i>	<i>Police Equipment Replacement</i>		122,700	110,700	160,300	160,300	266,300	160,900	981,200	981,200		
Total Funded Public Safety Projects		-	172,500	125,900	963,100	1,067,100	391,300	281,300	3,001,200	3,001,200	-	-

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Attachment A

Revised as of 8-20-2020

Public Safety Unfunded Projects:

Project Number	Project Title	Total	Estimated Construction Start
FIRE			
	No Unfunded Projects		
POLICE			
	No Unfunded Projects		
FACILITIES			
<i>PSC 30040</i>	<i>Fire Station 21 Expansion & Remodel</i>	<i>6,023,000</i>	<i>March 2025</i>
<i>PSC 30050</i>	<i>Fire Station 22 Expansion & Remodel</i>	<i>9,617,300</i>	<i>August 2022</i>
<i>PSC 30060</i>	<i>Fire Station 26 Expansion & Remodel</i>	<i>8,432,000</i>	<i>January 2024</i>
<i>PSC 30070</i>	<i>Fire Station 27 Replacement</i>	<i>28,521,800</i>	<i>June 2022</i>
PSC 30080	Temporary Fire Station	3,205,900	January 2022
Total Unfunded Public Safety Projects		55,800,000	

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City of Kirkland
2021-2026 Capital Improvement Program

WATER/SEWER UTILITY PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2021	2022	2023	2024	2025	2026	2021-2026 Total	Funding Source				
										Current Revenue	Reserve	Debt	Secured External	Unsecured External
WAC 05200	108th Avenue NE Watermain Replacement	2,120,775	809,600						809,600	507,600	302,000			
WAC 05700+	116th Ave NE Watermain Replacement						400,000	2,700,000	3,100,000	3,100,000				
WAC 12900	South Reservoir Seismic & Recoating Construction		1,200,000	2,800,000					4,000,000	2,288,000			1,712,000	
WAC 13400	5th Avenue S / 8th Street S Watermain Replacement		565,400	1,184,600					1,750,000	1,750,000				
WAC 13700+	NE 73rd Street Watermain Replacement				1,440,900	1,659,100			3,100,000	2,450,000	650,000			
WAC 14900+	Lake Washington Blvd Watermain Replacement						500,000	1,317,600	1,817,600	1,817,600				
WAC 15700	8th Avenue W Watermain Improvement	421,800		554,400	571,500				1,125,900	571,500	554,400			
WAC 16000	126th Avenue NE Watermain Improvement			1,500,000					1,500,000	845,000	655,000			
WAC 16400	NE 116th Place Watermain Replacement							233,400	233,400	233,400				
WAC 16700	11th Avenue Watermain Replacement							460,000	460,000	460,000				
WAC 16800	11th Place Watermain Replacement							650,000	650,000	650,000				
WAC 16900	NE 85th St and I-405 Watermain Relocation		4,855,000	1,655,000					6,510,000	5,110,000	1,400,000			
SSC 06200	NE 108th Street Sewermain Replacement					2,243,400	4,145,100	1,354,000	7,742,500	7,742,500				
SSC 07710	West of Market Sewermain Replacement Phase I				4,317,600	2,812,500	3,069,900		10,200,000	7,400,000	2,800,000			
SSC 08600	8th Avenue W Sewermain Improvement			400,000	1,518,000				1,918,000	1,918,000				
SSC 08700	West of Market Sewermain Replacement Predesign			500,000					500,000	500,000				
Total Funded Water/Sewer Utility Projects		2,542,575	7,430,000	8,594,000	7,848,000	6,715,000	8,115,000	6,715,000	45,417,000	37,343,600	6,361,400	0	1,712,000	0

Notes
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 + = Moved from unfunded status to funded status

WATER/SEWER UTILITY PROJECTS**Unfunded Projects:**

Project Number	Project Title	Total
WAC 06700	North Reservoir Pump Replacement	644,000
WAC 09600	NE 83rd Street Watermain Replacement	477,000
WAC 09800	126th Ave NE/NE 83rd & 84th St/128th Ave NE Watermain Replacement	1,261,000
WAC 10300	NE 113th Place/106th Ave NE Watermain Replacement	885,000
WAC 10400	111th Ave NE/NE 62nd St-NE 64th St Watermain Replacement	1,571,000
WAC 10800	109th Ave NE/NE 58th St Watermain Replacement	532,000
WAC 10900	112th Ave NE Watermain Replacement	1,242,000
WAC 11100	NE 45th St And 110th/111th Ave NE Watermain Replacement	1,371,000
WAC 11300	116th Ave NE/NE 70th-NE 80th St Watermain Replacement	2,336,000
WAC 11800	112th-114th Avenue NE/NE 67th-68th Street Watermain Replacement	3,531,000
WAC 11900	109th Ave NE/111th Way NE Watermain Replacement	2,421,000
WAC 12000	111th Avenue Watermain Replacement	195,000
WAC 12200	116th Avenue NE/NE 100th Street Watermain Replacement	1,584,000
WAC 12300	NE 91st Street Watermain Replacement	479,000
WAC 12400	NE 97th Street Watermain Replacement	722,000
WAC 12600	North Reservoir Outlet Meter Addition	80,000
WAC 12700	650 Booster Pump Station	1,686,000
WAC 12800	106th Ave NE-110th Ave NE/NE 116th St-NE 120th St Watermain Replacement	2,422,000
WAC 13000	11th Place Watermain Replacement	359,000
WAC 13100	Supply Station #1 Improvements	68,000
WAC 13200	7th Avenue/Central Avenue Watermain Replacement	955,000
WAC 13500	NE 75th Street Watermain Replacement	750,000
WAC 13600	NE 74th Street Watermain Replacement	206,000
WAC 13800	NE 72nd St/130th Ave NE Watermain Replacement	1,553,000
WAC 14500	6th Street South Watermain Replacement	618,000
WAC 14600	6th Street/Kirkland Way Watermain Replacement	731,000
WAC 14700	106th Avenue NE Watermain Replacement	697,000
WAC 16500	3rd Street Watermain Replacement - Phase 2	541,000
SSC 06800	124th Avenue NE Sewermain Replacement	1,384,000
SSC 07799	West Of Market Sewermain Replacement Phase 2	10,861,000
SSC 08000	20th Avenue Sewermain Replacement	855,000
SSC 08300	111th Avenue NE Sewer Main Rehabilitation	764,000
SSC 08400	Reclaimed Water (Purple Pipe) Opportunity Fund	5,252,000
Subtotal Unfunded Water/Sewer Utility Projects		49,033,000

Notes*Italics = Modification in timing and/or cost*

City of Kirkland
2021-2026 Capital Improvement Program

SURFACE WATER MANAGEMENT UTILITY PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2021	2022	2023	2024	2025	2026	2021-2026 Total	Funding Source				
										Current Revenue	Reserve	Secured External	Unsecured External	
SDC 04700	Annual Replacement of Aging/Failing Infrastructure		500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	3,000,000				
SDC 04900	Forbes Creek/108th Avenue NE Fish Passage Improvements						395,100	1,128,000	1,523,100	1,523,100				
SDC 05300	Forbes Creek/Coors Pond Channel Grade Controls	260,200					200,000	1,040,000	1,240,000	1,240,000				
SDC 06300	Everest Creek - Slater Avenue at Alexander Street				430,000	620,000			1,050,000	1,050,000				
SDC 08100	Neighborhood Drainage Assistance Program (NDA)	177,800	50,000		50,000		50,000		150,000	150,000				
SDC 09000	Goat Hill Drainage Ditch Conveyance & Channel Stabilization		359,000	1,123,100					1,482,100	1,482,100				
SDC 09200	Juanita Creek Culvert at NE 137th Street	685,100	169,500		1,080,000	350,000			1,599,500	1,599,500				
SDC 10000	Brookhaven Pond Modifications						200,000	500,000	700,000	700,000				
SDC 10500	Property Acquisition Opportunity Fund	464,631	50,000	50,000	50,000	50,000	50,000	50,000	300,000		300,000			
SDC 10800	Maintenance Center Storm Water Pollution Prevention	1,040,000	350,000						350,000	350,000				
SDC 10900	Halimes Point Drive Pipe Replacement - Phase 2 Outfall		151,000	169,000					169,000	169,000				
SDC 12500	NE 120th Street Water Quality Treatment		738,000	65,000					65,000	65,000				
SDC 12700	Storm Rehabilitation at Rose Point Lift Station							487,900	487,900	487,900				
SDC 12800	NE 85th Street/122nd Avenue NE Stormwater Improvements				165,000	210,000			375,000	375,000				
SDC 12900	NE Juanita Drive Storm Failure Near 86th Avenue NE				225,000				225,000	225,000				
SDC 13200	Water Quality Treatment and Infiltration at NE 111th PI/127th PI NE		300,000	1,113,500					1,413,500	353,400		1,060,100		
SDC 13300	Bioretention, Water Quality Treatment, and Storage at 126th Ave NE		200,000						200,000	113,500		86,500		
SDC 13900	122nd Avenue NE Storm Replacement					488,500	504,000		992,500	992,500				
SDC 14000	Holiday Drive Conveyance Improvement Study				350,000				350,000	350,000				
SDC 14100	Storm Line Rehabilitation on NE 136th Street					569,500	480,500		1,050,000	1,050,000				
SDC 14200	93rd Avenue NE Hillside Improvements						308,400	849,600	1,158,000	1,158,000				
Total Funded Surface Water Management Utility Projects			3,516,731	2,212,500	2,786,600	2,850,000	2,788,000	2,688,000	4,555,500	17,880,600	16,434,000	300,000	1,146,600	0

Notes
Italics = Modification in timing and/or cost (see Project Modification/Deletion Schedule for more detail)
Bold = New projects

SURFACE WATER MANAGEMENT UTILITY PROJECTS**Unfunded Projects:**

Project Number	Project Title	Total
SDC 04500	Carillon Woods Erosion Control Measures	600,000
SDC 04610	Regional Detention in Forbes Creek Basin Phase I	2,000,000
SDC 04699	Regional Detention in Forbes and Juanita Creek Basins	8,600,000
SDC 05100	Forbes Creek/King County Metro Access Road Culvert Enhancement	1,400,000
SDC 06100	Everest Park Stream Channel/Riparian Enhancements	1,200,000
SDC 08501	Cross Kirkland Corridor Water Quality Retrofit	1,000,000
SDC 09400	NE 114th Place Stormline Replacement	405,000
SDC 09700	Champagne Creek Stabilization	890,000
SDC 10100	Holmes Point Pipe Replacement at Champagne Creek Basin	260,000
SDC 10200	Juanita Drive Culvert Replacement	750,000
SDC 10300	Lakeview Drive Conveyance Modification	2,800,000
SDC 11200	112th Avenue NE Pipe Repair	60,000
SDC 11300	113th Avenue NE Pipe Repair	120,000
SDC 11400	124th Avenue NE Pipe Repair	160,000
SDC 11500	Weaver's Pond Pipe Replacement	180,000
SDC 11600	NE 140th Street Pipe Replacement	100,000
SDC 11700	111th Avenue NE Pipe Repair	400,000
SDC 11800	Champagne Point Drive NE Pipe Repair	270,000
SDC 11900	NE 58th Street Pipe Repair	280,000
SDC 12000	Kingsgate Park Pipe Outfall Improvements	80,000
Total Unfunded Surface Water Management Utility Projects		21,555,000
Funding Available from Annual Programs for Candidate Projects		3,000,000
Net Unfunded Surface Water Management Utility Projects		18,555,000

Notes

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Bold = New projects

" = Moved from funded status to unfunded status