

Information Technology

Seattle Information Technology Department

Overview

The Seattle Information Technology Department (Seattle IT) aims to be a best-in-class digital service delivery team for City of Seattle departments and the residents we serve. Seattle IT provides powerful technology solutions to the City and public; including, data, telephone, and radio networks; applications and application infrastructure; desktop, mobile and printing devices; cloud services; website and internet connections; television channel; data centers, servers, storage, and backup. Seattle IT also manages designated projects on behalf of the City, other departments, and regional partners.

Seattle IT's Capital Improvement Program (CIP) supports major maintenance, improvements, replacements, and upgrades to the City's existing technology systems, as well as the development and implementation of new projects. Seattle IT's 2022-2027 Proposed CIP budget is \$107.7 million. Details for 2022 are provided in the following table.

CIP Program Name	2022 Proposed	Planned Spending
<i>Discrete Projects</i>		
Criminal Justice Information System Projects	\$13,076,000	Implement case management systems for agencies including Seattle Municipal Court, the Hearing Examiner, and the City Attorney.
<i>Ongoing CIP Programs</i>		
800 MHz Radio Network Program	\$723,000	Maintain radio network infrastructure and public safety radios.
Applications Development - Public Safety	\$1,500,000	Implement work, schedule, and timekeeping system for Seattle Police Department
Computing Services Architecture	\$2,182,000	Computer equipment related to a new Unified Communication System (to replace the City's current telephone system) as well as routine equipment replacement and upgrades for servers, storage, and facility infrastructure.
Data & Telephone Infrastructure	\$5,691,000	Network equipment related to Unified Communication System, and routine equipment replacement and upgrades.
Fiber-Optic Communication Installation & Maintenance	\$4,468,000	Fiber installation and maintenance.
Seattle Channel Maintenance & Upgrade	\$345,000	Equipment replacement and maintenance.
Department Total	\$27,985,346	

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CIP Revenue Sources

Seattle IT's CIP has been funded through a variety of revenue sources, including:

- **Rates and Allocations:** There are multiple services within the department that are cost-allocated based on a percentage of use for the service provided or billed directly to a department based on the actual cost of time and labor or quantity of materials provided. Seattle IT's budget also includes some projects that are funded using proceeds from general obligation bonds. Rates and allocations provide the funds to repay the debt service on these bonds.
- **State and Federal Grants:** Federal and state grants have been used to finance system replacements and new capabilities. In some cases, Seattle IT has been the direct recipient of the funds; in others, Seattle IT has managed grant-funded projects for customers. The use of grant funding for the Seattle IT CIP has been intermittent.
- **Cable Franchise Fees:** Seattle IT collects Cable Franchise Fee revenues that are set in franchise agreements with the cable providers. Some of this revenue has been used to fund the CIP Program which supports the Seattle Channel. Cable Fees have historically provided less than 1% of Seattle IT's CIP program.
- **Reserves:** In some instances, Seattle IT's rates and allocations include the collection of funds which are accumulated and held in a reserve in Seattle IT's Fund Balance. Currently, this is only done for the 800 MHz radio system, although it has been considered for other areas. Expenditures of these reserve funds appear Seattle IT's CIP program. Historically, there is a low level of spending for ongoing Operations & Maintenance items, with intermittent large expenditures associated with major replacements and upgrades.
- **Private Dollars:** In the past, Seattle IT projects have occasionally included funding from external non-public sources. Such instances are highly intermittent, usually for relatively small dollar value and not projected to continue at any appreciable level.
- **Levy:** In the past, Seattle IT received some CIP funding from a levy for the development, acquisition and installation of the 800 MHz emergency radio communication system. Going forward, the future replacement and upgrade of the county-wide radio system is funded by the Puget Sound Emergency Radio Network levy. Outside of that, no additional levy funding is anticipated.
- **Bonds & Future Bond Proceeds:** Seattle IT utilizes funding from City bond sale proceeds to implement significant capital projects in the CIP. Rates and allocations typically provide the funds to repay the debt service on these bonds.
- **Use of Fund Balance:** Seattle IT may use existing fund balance or planned carryforward to implement some projects in its CIP.
- **To Be Determined:** Occasionally, Seattle IT's CIP includes future projects for which a specific funding source has yet to be specified. These projects will not go forward unless and until funding is secured.

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2022-2027 CIP Highlights

Seattle IT's 2022-2027 Proposed CIP Budget includes the following transfers and modifications to CIP programs:

- Computing Services Architecture (\$33,697,000) includes funding to replace hardware relating to the Next Generation Datacenter (NGDC). Seattle IT's 6-year capital plan requires lifecycle replacement of existing aging equipment that is no longer effective or secure. The 2022-2027 Proposed CIP includes new funding to support the City's IT infrastructure lifecycle replacements and invest in newer, more secure technology.
- Data & Telephone Infrastructure (\$6,341,000) includes funding for the Unified Communications (UC) project as well as the Data Network Hardware project. Within the Unified Communications project, the legacy telephony system has planned replacements and software updates as support expires. Seattle IT's 6-year capital plan encompasses end of life equipment replacement and the purchase of new technology for increased security and continued support within the Data Network Hardware project. The 2022-2027 Proposed CIP includes new funding to support software and major hardware for the City's data and telephone systems.
- Criminal Justice Information System Projects (\$3,000,000) project includes bond funded budget to support the Municipal Court Information System (MCIS) replacement. As the MCIS project has progressed, the updated spend plan reflects a shift in the timing of expenditures, which resulted in the transfer of \$3,000,000 of bond funding from 2021 to 2022 to better align with the projected spending timeline. The 2022-2027 Proposed CIP reflects the additional appropriation and associated bond issuance transferring to 2022.
- Applications Development - Public Safety (\$1,500,000) includes funding to implement a work, schedule, and timekeeping solution for the Seattle Police Department.

Thematic Priorities

Seattle IT's priorities are:

Priority 1: Connective and Collaborative

Enable collaboration by providing tools and information anytime, anywhere, from any device.

Priority 2: Efficient and Flexible

Provide business process and operations efficiencies that enable rapid response and technology changes while upholding fiscal responsibility.

Priority 3: Talent and Capabilities

Continuous investment in an inclusive and supportive workforce that keeps pace with a dynamic technology and business landscape.

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Priority 4: Modern and Innovative

Further City priorities, including social justice and equity goals, through the acquisition and implementation of leading-edge technology solutions and practices.

Priority 5: Reliable and Sustainable

Provide clients with ongoing practical, security and modern infrastructure, platforms and tools to support their business needs.

Priority 6: Privacy and Transparency

Respect privacy guidelines that apply to every part of the IT workplan, as well as provide a clear picture of IT resources to stakeholders.

Project Selection Criteria

STEP 1: Identification of Technology Needs and Opportunities

In this step, needs and opportunities for technology investments are identified. This happens on a rolling basis throughout the year, as well as during the budget planning process. Input comes from multiple places, including:

- customer department requests and requirements (including technology plan alignment to department strategic plans)
- Seattle IT Strategic Agenda
- technology roadmaps (updated annually)
- asset replacement schedules
- coordination with partners (regional efforts, vendor partners, etc.)

This step includes development of initial cost estimates and other resource requirements, potential timing, and dependencies. At the completion of this step, potential projects are added to the Citywide IT Project Portfolio for tracking and consideration through Seattle IT's Project Gate Review process.

STEP 2: Identification of CIP and Non-Discretionary Projects

As part of the Gate Review process, items identified in Step 1 are filtered to determine if they are (1) CIP-appropriate or not and (2) discretionary or not. Criteria for determining if they are CIP appropriate or not include:

- overall dollar value
- timeframe of implementation (e.g., multi-year project)
- lifespan of investment
- investment in/preservation of long-term infrastructure
- the nature of the acquisition (e.g., goods, services, etc.)

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Criteria for determining if they are non-discretionary include:

- legally mandated (e.g., debt service, federal or state law/regulation changes, court orders, etc.)
- urgent security or risk mitigation needs (e.g., major system failure, major security breach)
- reimbursable services to others (e.g., Seattle IT manages a regional fiber consortium where the partners contract with/through us to get work done).

Projects which are determined to be non-discretionary are automatically moved forward for inclusion in Seattle IT's initial CIP and budget proposal. Discretionary projects proceed to Step 3. Regardless of discretionary status, project requests complete the Gate Review process to validate projects are established with the appropriate governance, value proposition and risk mitigation planning.

STEP 3: Prioritization of CIP-Appropriate Discretionary Projects:

In this step, proposed investments are screened to determine if they are a match for Seattle IT's normal maintenance/upgrade/replacement programs within the CIP. Investments such as these tend to be smaller in scale (less than \$250,000), "like for like" replacements (e.g., old equipment replaced by new equipment with little to no functionality change), etc. These projects are rated by program managers based on criteria tailored to each program and implemented as annual funding allows.

Larger capital investments which are best implemented on a stand-alone basis due to the size and complexity of the project are evaluated and ranked separately based on the following criteria:

- asset preservation/replacement/maintenance
- product lifecycles
- legal requirements/mandates
- security/risk mitigation
- reimbursable from other sources (other depts. or outside entities, grants, reserves)
- dependencies (on other products, equipment, etc.; also on staff/resource availability/long-term supportability)
- internal customer demands (including capacity) – including Mayoral/Council/Mayor's IT Subcabinet priority
- external customer demands – public, businesses, etc.
- external drivers (vendor changes, regional commitments, etc.)
- efficiency/effectiveness improvements/resource savings and return on investment
- key future trend/forward-looking/pro-active

Summary of Upcoming Budget Issues and Challenges

- **Hybrid Workforce.** The shift of the City's workforce to a hybrid-remote model will continue to put pressure on the IT infrastructure and resources necessary to secure our more distributed technology environment and continue to provide efficient services to employees. For example, the City's Virtual Private Network infrastructure was enhanced during the pandemic but will require ongoing financial and technical support to continue to serve the larger remote population of City staff. Similarly, the majority of City employees are not equipped to be mobile, flexible, and resilient. Most employees do not have laptops, and logistics related to asset management, device support, and equipment deployment will continue to be challenging unless additional

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investments are made to support remote employees. Finally, some previous and in-flight capital IT projects, such as the Unified Communications system, were designed based on a pre-pandemic set of assumptions and use cases; some of those decisions concerning, for example, conference room technology, mobility, and fixed telephone sets will likely be in flux over the next 12-24 months, which may result in additional expenses. Funding from the Coronavirus Local Recovery Fund (CLRF) appropriated to Seattle IT will help cover upfront costs in these investments needed to shift to a hybrid-remote model.

- **Disaster Recovery/Preparedness** - A future consideration as we invest in new programs and technologies is the need for disaster recovery and business continuity capabilities. Our reliance on systems continues to grow and, while our capital investment projects deliver new functionality, this work typically does not account for the redundancy or infrastructure needs to support an expedient disaster recovery scenario. The additional costs that come when planning that work are usually deemed cost prohibitive when sizing a Capital Improvement Project. As we continue to plan our capital program, we will need to account for a more robust disaster recovery investment or be prepared to accept the risks.
- **Rapid and major changes in technology.** The continued rapid rate of change in technology presents a major challenge for the City. User demands (both internal staff and constituents) around technology continue to grow as available functionality expands exponentially. New technologies provide new solutions and new opportunities, but at the same time they can initially disrupt productivity, require upfront costs, and impact security, privacy, and the governance landscape. Vendors regularly “de-certify” and stop supporting products the City relies upon, leaving the choice of spending significant amounts of money to upgrade to supported products or risk running important/critical City functions on unsupported platforms. At the same time, the method by which vendors deliver technology solutions is rapidly changing. Many vendors have moved or are moving away from delivering a software product to the City for installations on City servers; instead, they are offering cloud-based and hosted solutions that the City can access on a subscription basis. While offering many benefits, this changing delivery approach requires increased City investments in identity management, data integration, and contract management.
- **Planning for future investments and lifecycle management.** Departments want to move fast to leverage new technologies before Seattle IT has developed the platforms, teams, or culture to make this happen. Seattle IT balances the competing objectives of doing things right and doing them right now.
- **Platform First.** Similar to all large enterprises, where technology has overtaken the organization’s operations organically and over a long period of time, the City of Seattle also sits on hundreds of legacy technology solutions. A fragmented technology footprint is a major cyber security concern but in today’s challenging economic climate, it is also a financial liability. A key factor in achieving reductions in the City’s technology investment is directly dependent on a Platform First approach where 80% of the City’s technology business is performed on 20% of technology solutions. Seattle IT continues to promote the platform first approach but will have limited success without a formal City-Wide commitment to address this as an enterprise issue versus a tactical IT problem.

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- **Privacy.** The data privacy risks associated with technology continue to grow - the variety of threats from malware, ransomware, social media, compromised web sites, and other sources continues to multiply, as does our continued reliance on connected devices through telework. Cloud services like Office 365 and the increased use of mobile devices offer a new set of security and privacy-related challenges. At the same time, the City collects and uses a vast and expanding amount of data on a regular basis. Some of this data contains personally identifiable information or may otherwise pose a privacy concern if exposed or if used in a manner inconsistent with public expectations. Emphasis is shifting away from end-point security to risk management of critical assets and assurance of identity. Preventive controls are no longer reliable, requiring a greater emphasis on the ability to locate and quickly remediate compromised technology.
- **Public Expectation.** The public has high expectations for how government performs, including how technology is used to deliver efficient and accessible government services. Some Seattle residents are tech savvy while others still lack internet access. Generational differences also create different expectations regarding services. Investments in new technology-enabled government services must balance many audiences.

Future Projects/What is on the Horizon

Seattle IT has identified several initiatives and issues which will need to be addressed at some point in the future.

- **Software systems which require replacement/upgrades.** Prior to IT consolidation, the Department of Information Technology CIP did not include funds to cover replacement of large applications owned and operated by individual departments. Since consolidation, Seattle IT has “inherited” responsibility for many such systems, most of which did not come with any long-term replacement funding. Replacement and upgrades for systems owned and operating by Seattle Public Utilities and Seattle City Light are generally being funded out of the utilities’ CIPs with Seattle IT acting as the service provider. However, funds for other large applications and systems needing replacement are not comprehensively programmed into Seattle IT’s CIP. Seattle IT will continue to address these needs on a case-by-case basis as the need arises.
- **Long-term major upgrades to the Regional Radio System.** The City is part of a regional public safety radio system (Puget Sound Emergency Radio Network). The current technology platform is approaching phased obsolescence and needs to be replaced or upgraded in the next few years. The four co-owners of the existing system, including the City of Seattle and King County, are working together to implement a replacement radio system. A levy to fund this important initiative was passed in spring 2015, and a formal governance structure for the effort was adopted via an Inter-Local Agreement signed by the 12 participating jurisdictions. The current CIP does not reflect the results of any potential changes related to the new system, as discussions regarding the long-term governance and operational support are still ongoing.
- **Infrastructure systems which require replacement/upgrades.** Seattle IT’s CIP contains sufficient funding to cover routine replacement of lesser value items, especially those which occur every year (e.g., switches, mid-range servers, etc.) However, larger value, intermittent replacements

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are more difficult to fund within existing budget. These needs will continue to be addressed on a case-by-case basis as the need arises.

800 MHz Radio Network Program

Project No:	MC-IT-C3550	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th Ave / Various
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This project funds the upgrades and replacement of software and hardware for the City of Seattle's portion of the King County Regional 800 MHz radio system. The 800 MHz radio system provides the communication infrastructure required for public safety operations such as 911, Medic One, Fire and Police.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	18,480	8,008	723	742	761	784	807	831	31,136
Total:	18,480	8,008	723	742	761	784	807	831	31,136
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	18,480	8,008	723	742	761	784	807	831	31,136
Total:	18,480	8,008	723	742	761	784	807	831	31,136

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Applications Development - Public Safety

Project No:	MC-IT-C6307	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This project provides funds to develop and implement software applications used by the Seattle Police Department (SPD) and the Seattle Fire Department (SFD). The applications will improve personnel oversight and deployment, in addition to enhancing the accessibility and quality of SPD and SFD data. These applications will support ongoing efforts to achieve improved transparency and compliance.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	535	-	-	-	-	-	-	-	535
Internal Service Fees and Allocations, Outside Funding Partners	5,221	1,124	1,500	-	-	-	-	-	7,845
LTGO Bond Proceeds	1,908	-	-	-	-	-	-	-	1,908
Total:	7,664	1,124	1,500	-	-	-	-	-	10,288
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	7,664	1,124	1,500	-	-	-	-	-	10,288
Total:	7,664	1,124	1,500	-	-	-	-	-	10,288

O&M Impacts: This CIP project represents multiple projects on behalf of Seattle Police Department and Seattle Fire Department. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Applications Development- General Fund

Project No:	MC-IT-C6300	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This project provides funds to develop, implement, and enhance software applications used by City departments. Identified projects will improve business processes for budgeting, contracting, regulatory compliance, and data management. Additionally, this effort seeks to replace or refresh current systems while consolidating duplicative systems.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	306	-	-	-	-	-	-	-	306
Internal Service Fees and Allocations, Outside Funding Partners	1,584	-	-	-	-	-	-	-	1,584
Total:	1,890	-	-	-	-	-	-	-	1,890
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	1,890	-	-	-	-	-	-	-	1,890
Total:	1,890	-	-	-	-	-	-	-	1,890

O&M Impacts: This CIP project represents multiple projects on behalf of the General Fund. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Applications Development- SDOT

Project No:	MC-IT-C6306	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This project provides funds to develop and implement software applications used by the Seattle Department of Transportation (SDOT). Improved applications seek to enhance project tracking, field work, and coordination with public and private partners. These applications will help SDOT facilitate ongoing projects including those enabled by the Move Seattle levy.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	1,011	-	-	-	-	-	-	-	1,011
Internal Service Fees and Allocations, Outside Funding Partners	3,138	884	-	-	-	-	-	-	4,022
Total:	4,149	884	-	-	-	-	-	-	5,033
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	4,149	884	-	-	-	-	-	-	5,033
Total:	4,149	884	-	-	-	-	-	-	5,033

O&M Impacts: This CIP project represents multiple projects on behalf of Seattle Department of Transportation. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Citywide Contract Management System

Project No:	MC-IT-C6311	BSL Code:	BC-IT-C0700
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2017 - 2022	Neighborhood District:	Downtown
Total Project Cost:	\$3,466	Urban Village:	Downtown

This project funds the development and implementation of a new Citywide solution for contracts management.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	-	263	-	-	-	-	-	-	263
Internal Service Fees and Allocations, Outside Funding Partners	1,662	1,925	-	-	-	-	-	-	3,587
Total:	1,662	2,188	-	-	-	-	-	-	3,850
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	1,662	2,188	-	-	-	-	-	-	3,850
Total:	1,662	2,188	-	-	-	-	-	-	3,850

O&M Impacts: Ongoing costs for annual software subscriptions are built into Seattle IT's operating budget.

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Computing Services Architecture

Project No:	MC-IT-C3201	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project funds the regular replacement of and major maintenance of software, computing and storage systems on behalf of City departments by Seattle IT.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	19,295	2,215	1,082	4,740	1,143	1,740	2,550	2,550	35,315
LTGO Bond Proceeds	2,966	606	1,100	5,910	3,992	4,620	4,295	5,700	29,188
Total:	22,261	2,821	2,182	10,650	5,135	6,360	6,845	8,250	64,504
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	22,261	2,821	2,182	10,650	5,135	6,360	6,845	8,250	64,504
Total:	22,261	2,821	2,182	10,650	5,135	6,360	6,845	8,250	64,504

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Criminal Justice Information System Projects

Project No:	MC-IT-C6304	BSL Code:	BC-IT-C0700
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2016 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$42,195	Urban Village:	Downtown

This project provides funds to plan and implement upgrades to the City's Criminal Justice Information Systems. This project was previously named the Municipal Court Information System (MCIS) Replacement project. The project was renamed in 2018 to more accurately reflect efforts beyond MCIS replacement.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	99	615	-	-	-	-	-	-	713
Internal Service Fees and Allocations, Outside Funding Partners	57	-	-	-	-	-	-	-	57
LTGO Bond Proceeds	15,452	13,109	13,076	-	-	-	-	-	41,637
Total:	15,607	13,723	13,076	-	-	-	-	-	42,407
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	15,607	13,723	13,076	-	-	-	-	-	42,407
Total:	15,607	13,723	13,076	-	-	-	-	-	42,407

O&M Impacts: Not enough information at this stage of the project.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Data and Telephone Infrastructure

Project No:	MC-IT-C3500	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th Ave/Variou
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project provides funds to maintain, replace, and upgrade software and major hardware for the City's data and telephone switching systems.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	27,229	6,727	1,413	1,625	1,502	1,535	1,581	210	41,824
LTGO Bond Proceeds	10,184	6,907	4,277	2,693	-	1,115	1,654	500	27,330
Total:	37,413	13,634	5,691	4,318	1,502	2,650	3,235	710	69,153
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	37,413	13,634	5,691	4,318	1,502	2,650	3,235	710	69,153
Total:	37,413	13,634	5,691	4,318	1,502	2,650	3,235	710	69,153

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

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Fiber-Optic Communication Installation and Maintenance

Project No:	MC-IT-C3600	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	VARIOUS
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project provides for the installation and maintenance of a high-speed fiber-optic communication network for the City and its external fiber partners. The fiber network includes, but is not limited to, sites such as libraries, public schools, fire and police stations, community centers, and other City facilities.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	42,912	6,921	4,468	4,582	4,702	4,843	4,988	5,137	78,553
Total:	42,912	6,921	4,468	4,582	4,702	4,843	4,988	5,137	78,553
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	42,912	6,921	4,468	4,582	4,702	4,843	4,988	5,137	78,553
Total:	42,912	6,921	4,468	4,582	4,702	4,843	4,988	5,137	78,553

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Permit System Integration

Project No:	MC-IT-C6305	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2017 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$7,956	Urban Village:	Downtown

This project provides funding to develop, implement, support a cross-department platform for the City's regulatory oversight. The platform will provide internal and external stakeholders with streamlined processes and accessibility. In addition, the project seeks to automate labor-intensive processes while establishing tracking and reporting of performance metrics.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	2,112	-	-	-	-	-	-	-	2,112
Internal Service Fees and Allocations, Outside Funding Partners	3,611	2,232	-	-	-	-	-	-	5,843
Total:	5,724	2,232	-	-	-	-	-	-	7,956
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	5,724	2,232	-	-	-	-	-	-	7,956
Total:	5,724	2,232	-	-	-	-	-	-	7,956

O&M Impacts: Ongoing costs are built into Seattle IT's operating budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Public Safety Tech Equipment

Project No:	MC-IT-C9301	BSL Code:	BC-IT-C0700
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th Ave
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2019 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$6,103	Urban Village:	Downtown

This project provides funds to maintain, replace, and upgrade technology equipment for the City's public safety departments.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	422	359	-	-	-	-	-	-	781
LTGO Bond Proceeds	3,880	721	-	-	-	-	-	-	4,601
Use of Fund Balance	-	721	-	-	-	-	-	-	721
Total:	4,301	1,802	-	-	-	-	-	-	6,103
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	4,301	1,802	-	-	-	-	-	-	6,103
Total:	4,301	1,802	-	-	-	-	-	-	6,103

O&M Impacts: N/A.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Channel Maintenance and Upgrade

Project No:	MC-IT-C4400	BSL Code:	BC-IT-C0700
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	600 4th AVE
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project provides funds to maintain, replace, and upgrade the cablecasting and production systems for the Seattle Channel.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	3,284	340	345	354	363	372	384	395	5,838
Total:	3,284	340	345	354	363	372	384	395	5,838
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	3,284	340	345	354	363	372	384	395	5,838
Total:	3,284	340	345	354	363	372	384	395	5,838

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Municipal Tower Remodel - IT

Project No:	MC-IT-C9501	BSL Code:	BC-IT-C0700
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	Improved Facility	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2016 - 2022	Neighborhood District:	Downtown
Total Project Cost:	\$15,454	Urban Village:	Downtown

This project continues a multi-year CIP program to acquire, renovate, and expand space for the consolidated Seattle IT department.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	6,935	1,161	-	-	-	-	-	-	8,096
LTGO Bond Proceeds	4,998	887	-	-	-	-	-	-	5,885
Use of Fund Balance	708	765	-	-	-	-	-	-	1,473
Total:	12,641	2,813	-	-	-	-	-	-	15,454
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	12,641	2,813	-	-	-	-	-	-	15,454
Total:	12,641	2,813	-	-	-	-	-	-	15,454

O&M Impacts: No O&M Impacts for 2022-2027 Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars