

FY2023-2029 Capital Investment Program

G-38: Smart City Connectivity

Category: High Quality Built & Natural Environment

Status: Ongoing

Department: Information Technology

Location: Citywide

Programmed Expenditures

<u>Programmed Expenditures</u>	<u>Appropriated To Date</u>	<u>FY 2023 Budget</u>	<u>FY 2024 Budget</u>	<u>FY 2025 Budget</u>	<u>FY 2026 Budget</u>	<u>FY 2027 Budget</u>	<u>FY 2028 Budget</u>	<u>FY 2029 Budget</u>
3,488,692	2,058,692	241,881	241,881	164,479	174,154	174,154	216,725	216,725

Description and Scope

This proposal responds to Council Priority "Advance implementation of the Smart City Strategy, including advanced transportation technology and autonomous, connected, electric and shared vehicle technologies." under the High Quality Built and Natural Environment target area. The fundamentals of this proposal were identified in the BellevueSmart Plan: Planning for a Smarter City, which Council endorsed in 2017.

Rationale

Encouraging reliable, secure, and robust communications infrastructure is the focus of this proposal, which aligns with the following Council Strategic Target Areas:

Economic Development: The 2021 Business Survey shows that 80% of businesses in Bellevue report their current internet services meet their needs today, and 72% believe it will meet their needs in the next 2-3 years. These results have shown improvement with each survey round, with a slight decline from the peak of 85% reporting internet services met in 2019. Access to the internet, and the information and services it enables, is essential for the economic growth, job creation, education attainment, and better quality of life for Bellevue residents. This supports the Council vision on Economic Development, "We are a growing center for a broad range of technologies – including software, mobile communications, and medical devices and services."

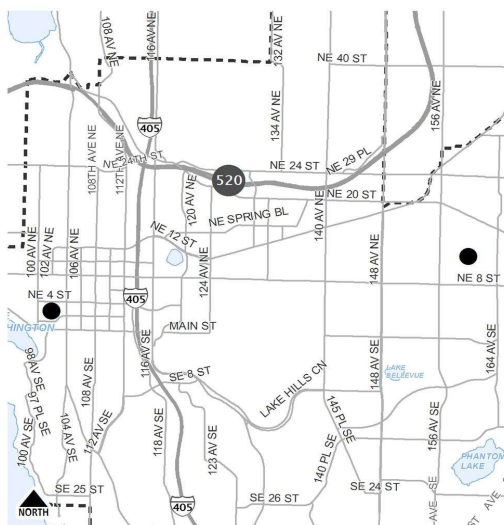
High Quality Built and Natural Environment: Robust fiber infrastructure can strengthen community institutions, such as hospitals and schools, that contribute to the city's brand as a smart, connected community and can be leveraged for public-private partnerships when opportunities arise. Expanding public Wi-Fi in more locations throughout the City is a way to provide a connectivity safety net for students and low-income older adults. In partnership with King County Housing Authority and Bellevue School District, Wi-Fi has been added to three KCHA housing properties to serve students and families, and this proposal continues the free BellevueConnect Wi-Fi services. Wi-Fi also enriches community gathering spaces in parks, community centers, sports fields, and select business corridors, such as Downtown and Crossroads.

Regional Leadership and Influence: Regional collaboration and innovation are enabled through this proposal. Joint fiber projects through the Community Connectivity Consortium organization that serves 28 public institutions, including Bellevue College, Bellevue School District, and the University of Washington, enables high-speed connectivity to the internet and cloud providers. This proposal has completed fiber projects to connect the Global Innovation Exchange (GIX) and clinics for Overlake Hospital and University of Washington Medicine. It also continues to expand the fiber infrastructure in the Spring District to support small cell wireless and planning to connect to the Eastrail regional fiber network.

Environmental Impacts

Operating Budget Impacts

Project Map



Schedule of Activities

<u>Project Activities</u>	<u>From - To</u>	<u>Amount</u>
Project Costs	Ongoing	3,488,692

Total Budgetary Cost Estimate: 3,488,692

Means of Financing

<u>Funding Source</u>	<u>Amount</u>
Retail Sales Tax	200,000
B&O Tax - Unrestricted	697,000
Misc revenue	2,591,692
Total Programmed Funding:	3,488,692
Future Funding Requirements:	-

FY2023-2029

Comments