

PW-R-205 Vision Zero Rapid Build Data Driven Safety Program

Category: **Transportation and Mobility**
 Department: **Transportation**

Status: **New**
 Location: **Various**

Programmed Expenditures

Programmed Expenditures	Appropriated To Date	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2026 Budget	FY 2027 Budget
2,500,000	-	357,143	357,143	357,142	357,143	357,143	357,143	357,143

Description and Scope

This Vision Zero program funds the first phase of data driven rapid build road safety projects along this High Injury Network (HIN). Based on a comprehensive review of citywide crash data, five major streets have been initially identified as Priority Safety Corridors (PSC) among the HIN to advance in this proposal: NE 8th St east of downtown, Factoria Blvd, Bellevue Way south of downtown, Bel-Red Rd in the Overlake area, and 116th Ave NE in the Wilburton area. Funding will assist staff in designing, cost estimating, and prioritizing PSC improvement projects; after which, staff will use a rapid build approach to address systemic traffic safety challenges on these corridors. Examples of candidate PSC projects include radar feedback signs, enhancing or adding pedestrian crossings, adding left turn pockets, restricting turn movements, adding medians, and other complete streets elements that produce improved safety outcomes. Following implementation of PSC projects staff will compare before/after data using conflict analytics, speed studies, and other analysis tools to determine how well the projects achieved their intended safety goals. This data driven approach of measuring actual results of road safety projects will inform evidence-based strategies for future PSC investments and support the city's performance monitoring of progress towards Vision Zero.

Rationale

In Bellevue 56% of fatal and serious injury traffic collisions occur on 7% of the City's total street network (as measured by length). Engineering changes to create safer streets on Bellevue's High Injury Network supports: Council's Vision Zero commitment to strive to achieve zero traffic deaths and serious injuries on Bellevue streets by 2030 (see Resolution 9035); Comprehensive Plan direction to "Maintain a collision reduction program to identify high collision locations, evaluate and prioritize potential improvements and implement recommended changes" (see Policy TR-55); and, Council approved "safe systems" strategies to move Bellevue towards Vision Zero.

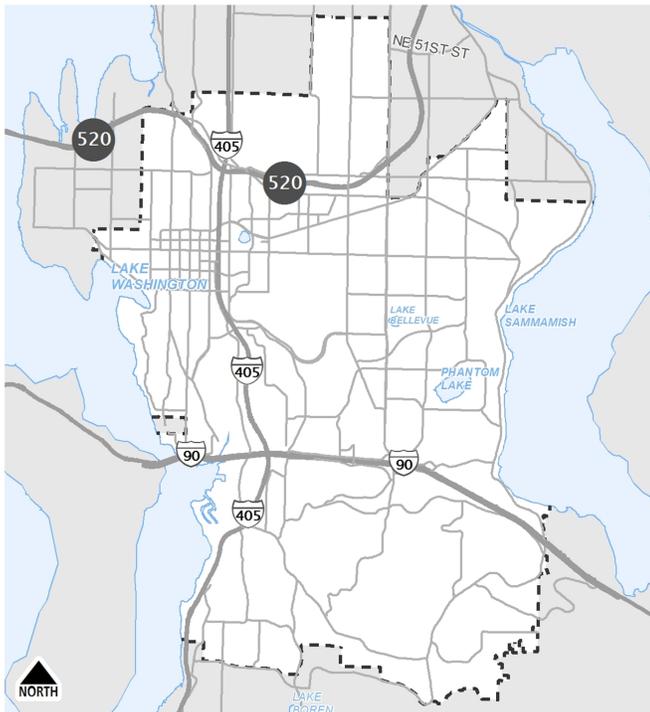
Environmental Impacts

This program funds projects that are primarily safety oriented and implemented on previously improved rights of way, so environmental issues are minimal and will be addressed as appropriate on a location-by-location basis.

Operating Budget Impacts

Operating costs for this program will be determined on a project specific basis as required.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Costs	2021 - 2027	2,500,000

Total Budgetary Cost Estimate: 2,500,000

Means of Financing

Funding Source	Amount
General Taxes & LTGO Bond Proceeds	1,020,144
Transportation Funding	1,479,856

Total Programmed Funding: 2,500,000
Future Funding Requirements: 0

Comments