



City of Bellevue

# Vision Zero Program Activities in 2024 and 2025

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Transportation

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# Information

Road safety trends and Safe System activities supporting Council's Vision Zero goal of eliminating traffic deaths and serious injury collisions on Bellevue streets by 2030 – For Information Only

# Agenda



Bellevue Road Safety Trends



Vision Zero Policies, Plans, and Programs



2024 Safe System Activities

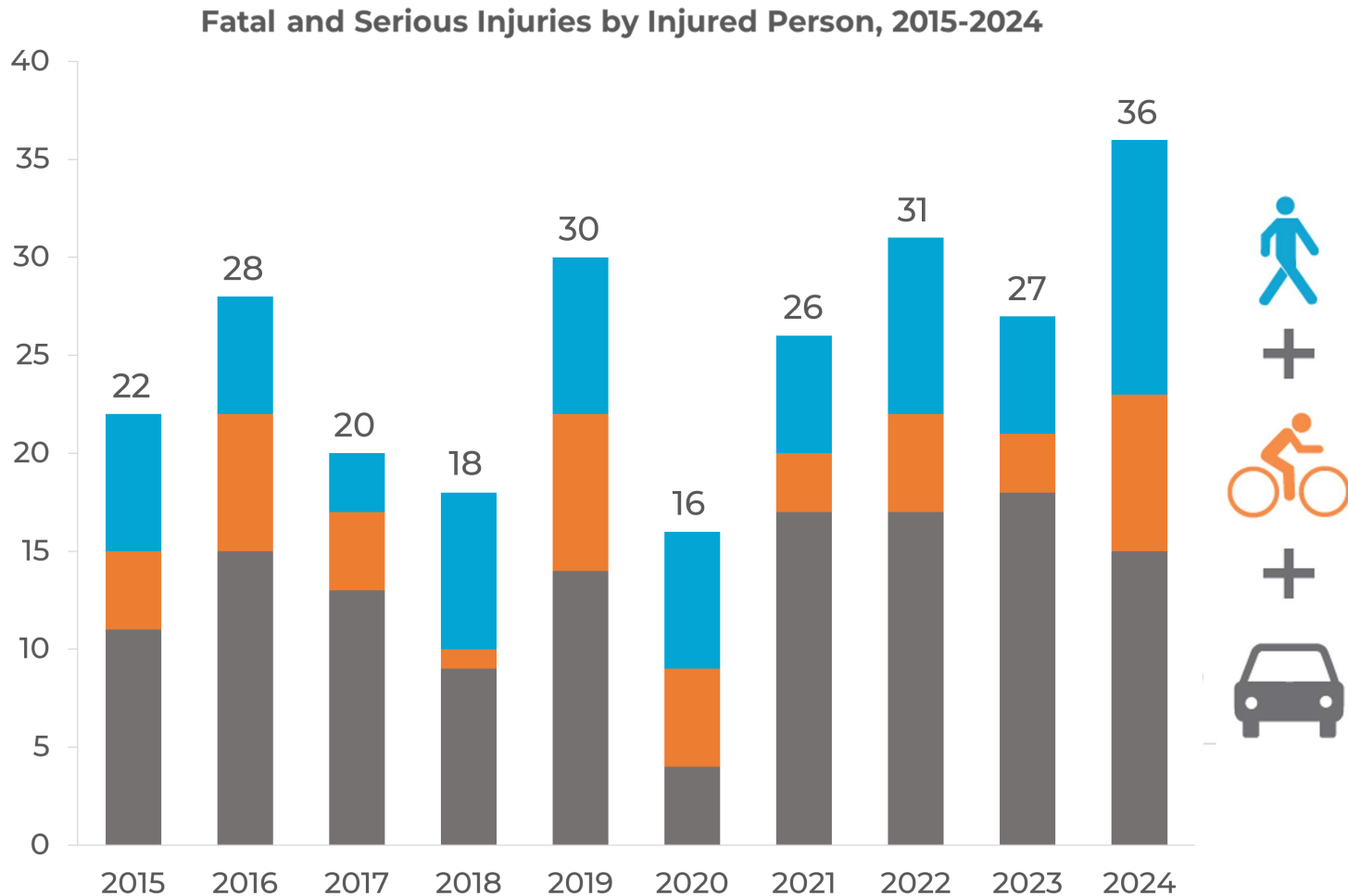


2025 Safe System Activities



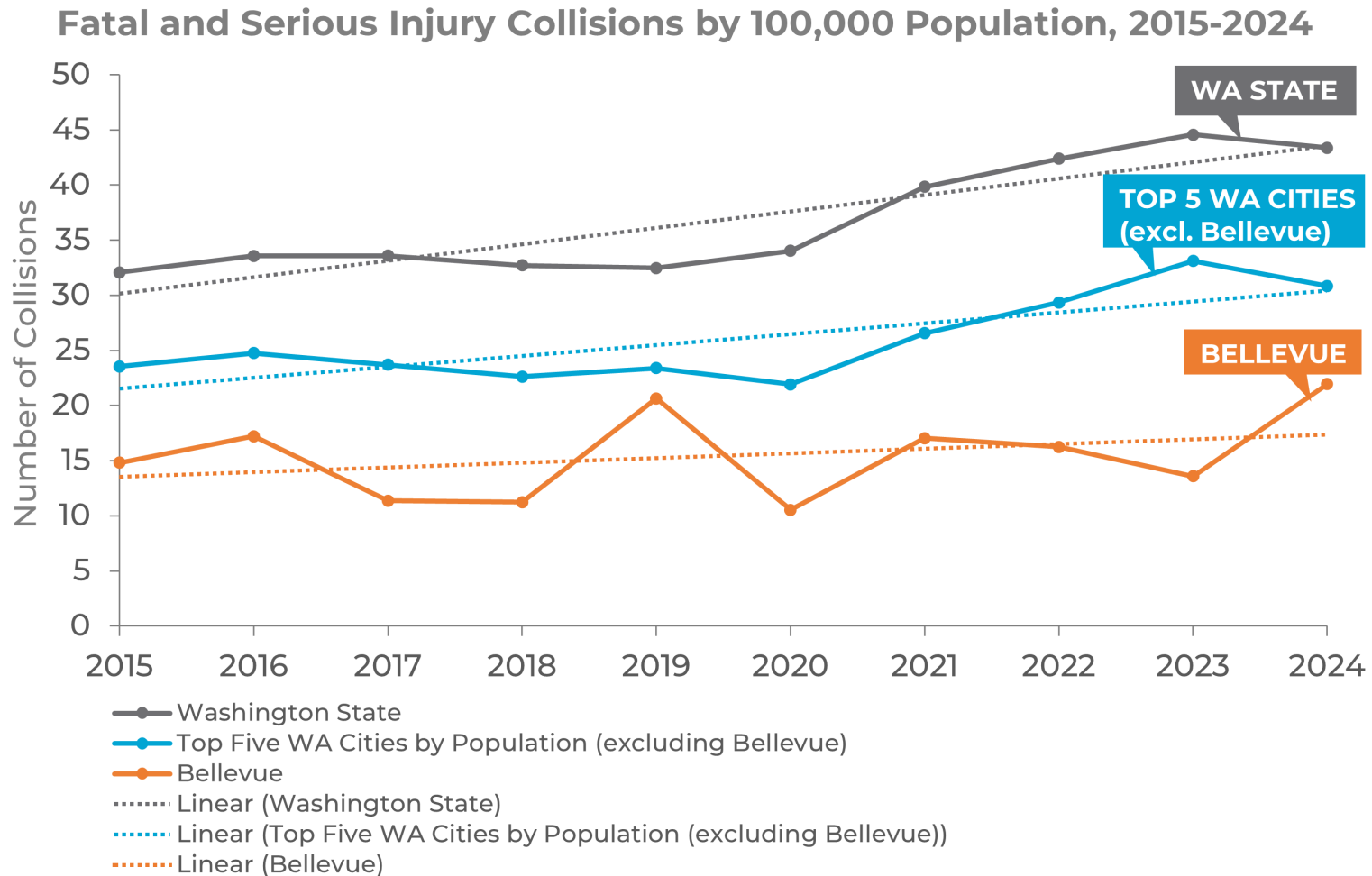
2025 Community Outreach Activities

# Fatal and Serious Injury Crashes



Source: Preliminary WSDOT Fatal and Serious Injury Collision Data (2015-2024)

# Fatal and Serious Injury Crashes



Source: Preliminary WSDOT Fatal and Serious Injury Collision Data (2015-2024)

# Vision Zero Policies, Plans, and Programs



2021



2022



2024



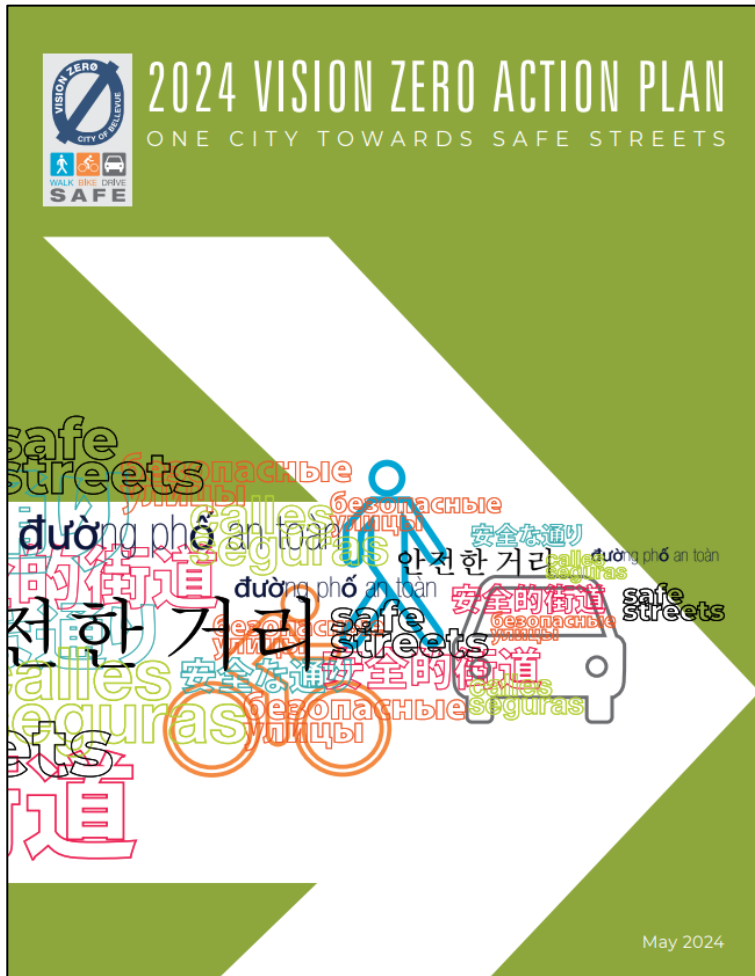
2023



2025

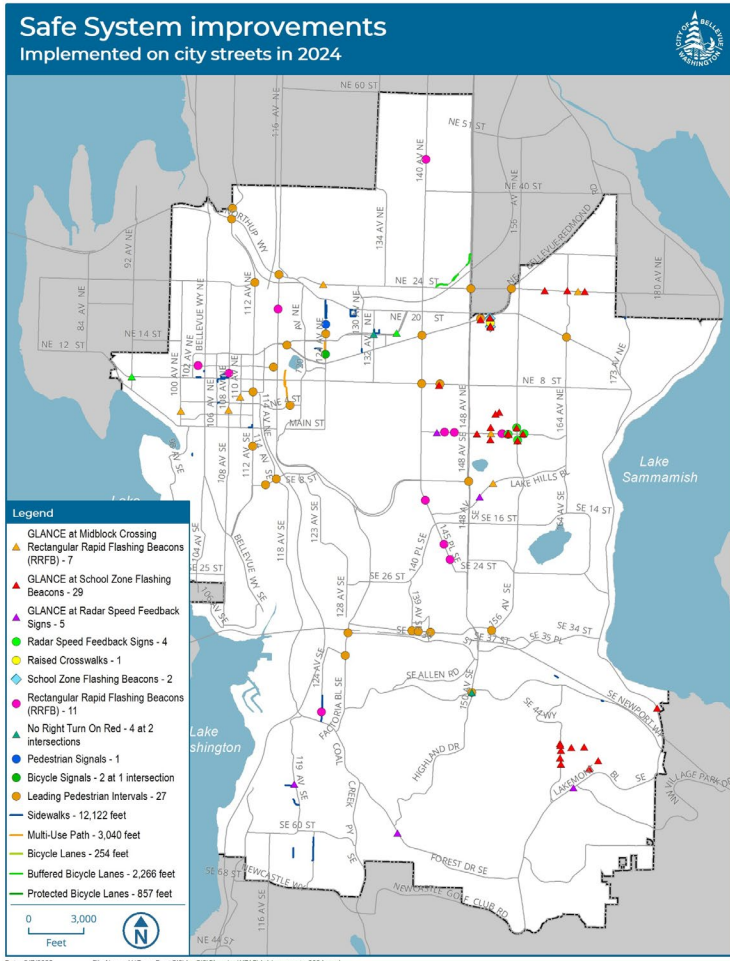


# 2024 Activities



- Secured \$15.7M in federal (SMART) and state (HSIP) grant funding to support safe transportation projects
- City Council approved 20 MPH speed limits on local streets citywide
- City Council approved new Vision Zero funding in CIP through increased budget for Rapid Build program & new SRTS & Arterial Sidewalk Programs

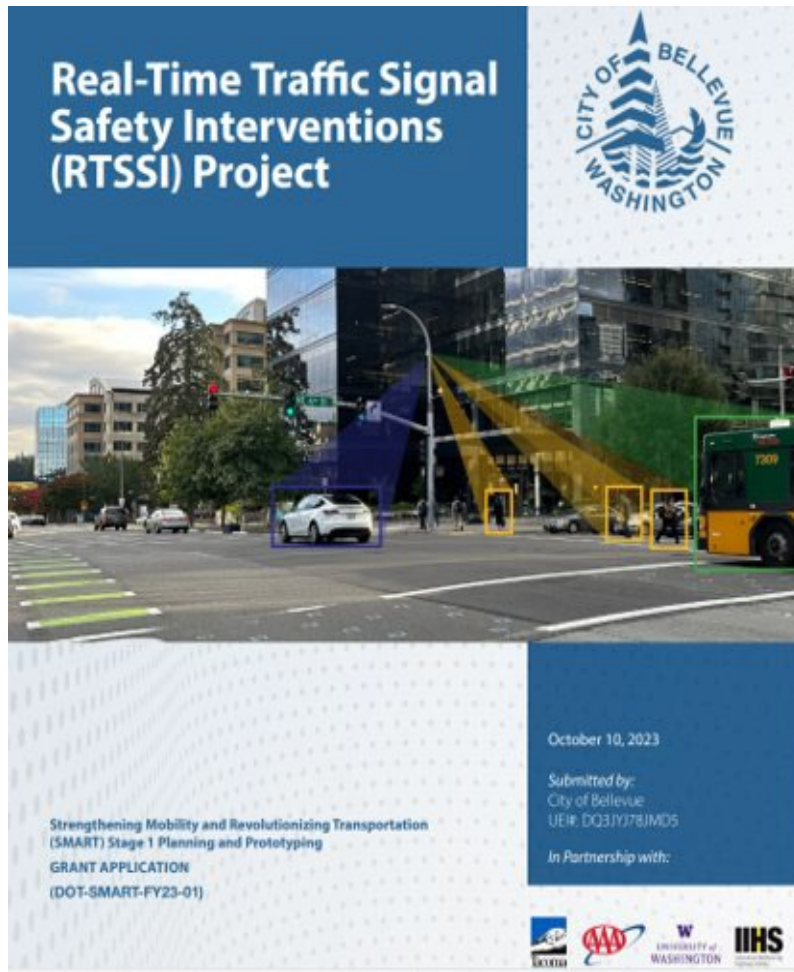
# Physical Infrastructure, 2024



- 2.3 miles of sidewalks, .58 miles of multi-use paths, and .64 miles of bike facilities
- 25+ road safety projects including lighting, RRFBs, radar feedback signs, etc
- 30+ signal operation changes including LPIs, no RTOR, etc
- 31% of the 348 RSA candidate improvements completed

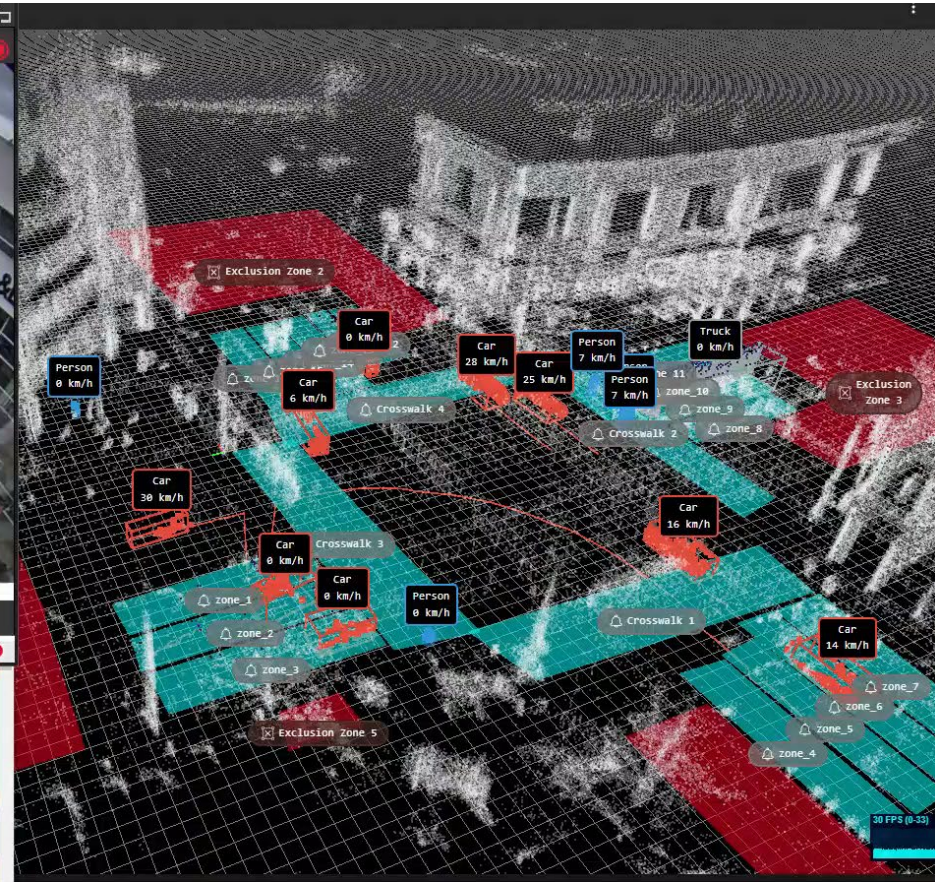
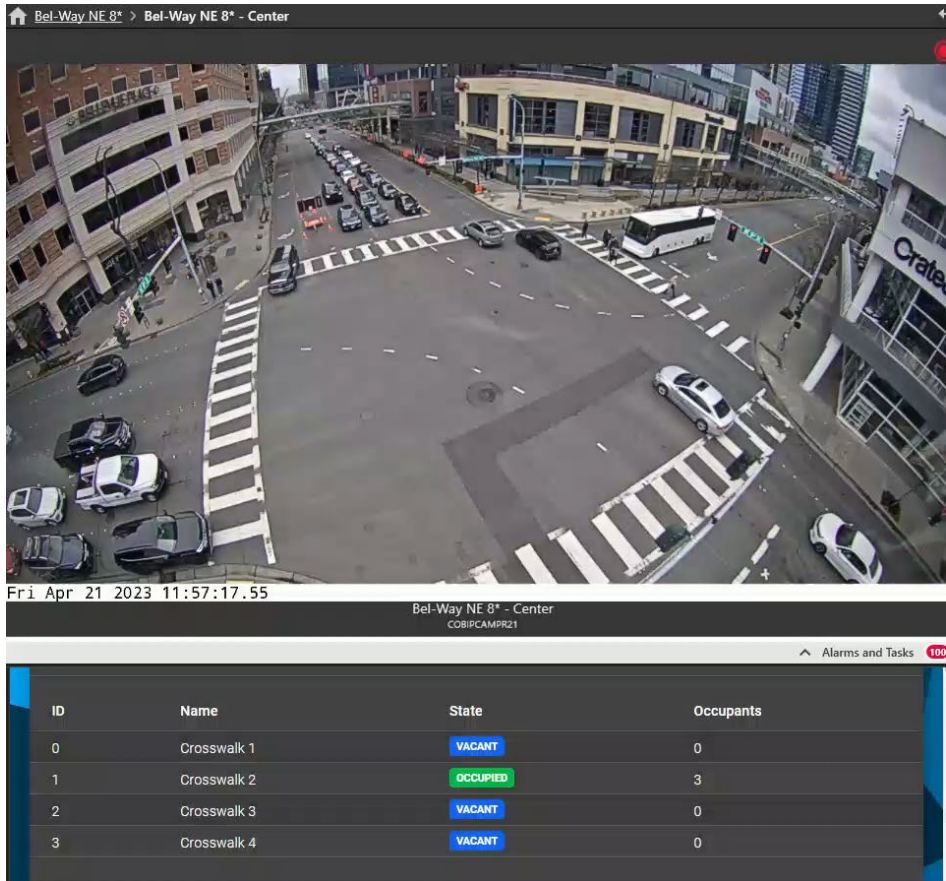


# Digital Infrastructure, 2024



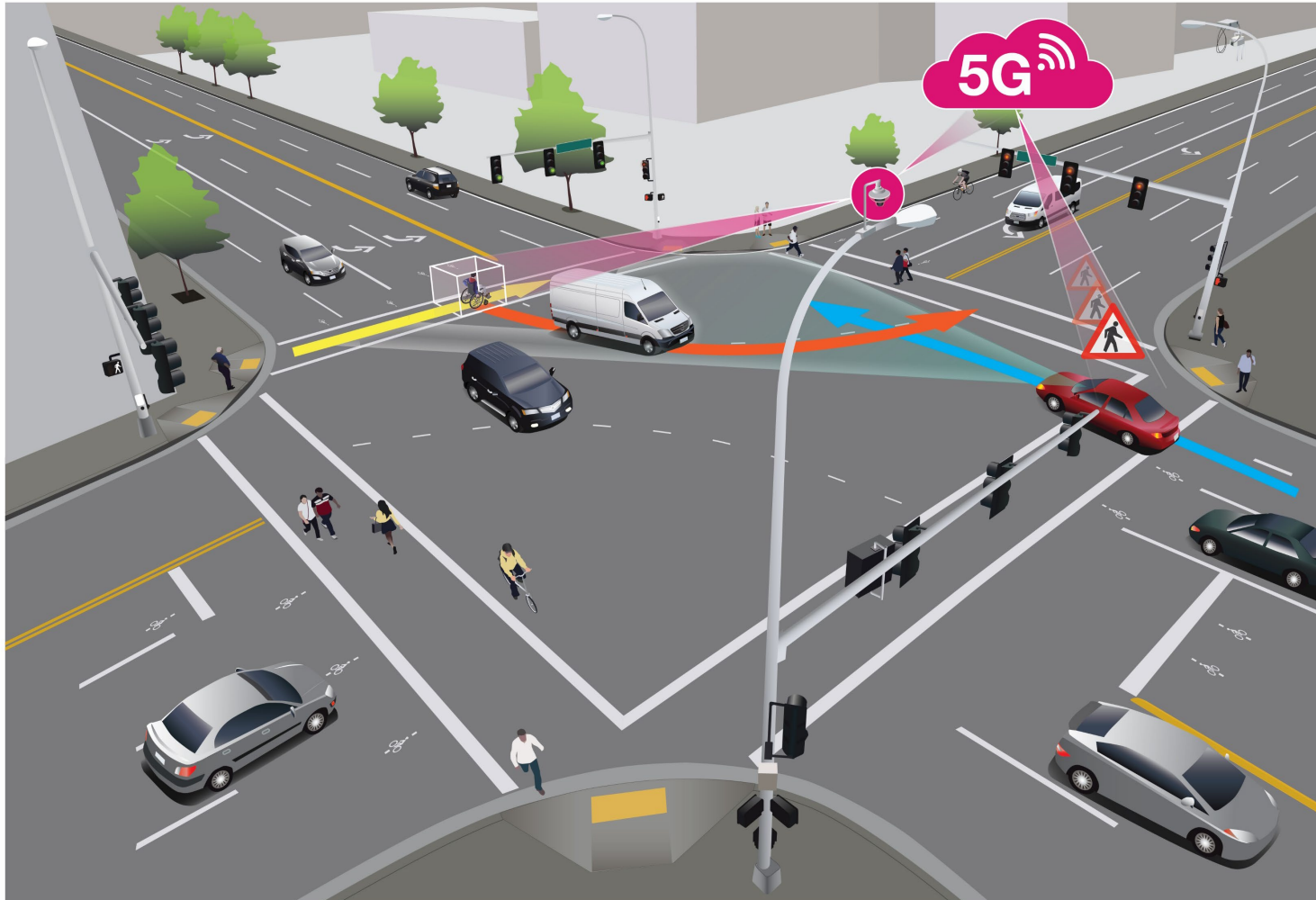
- Tested LiDAR sensor tech at signalized intersections to improve crosswalk safety with Amazon Web Services & others
- Installed new connected vehicles technology at 47 slow zone, school zone, and mid-block crosswalk locations with T-Mobile & others
- Launched next gen Transit Signal Priority in partnership with King County Metro

# Pilot: Intersection Safety





# Pilot: Driver Alerts



## C-V2X

Cellular-Vehicle-to-Everything (C-V2X) technology enables critical safety alerts and enhanced situational awareness between drivers and the surrounding environment.

### V2P

Vehicle-to-pedestrian



### V2V

Vehicle-to-vehicle



### V2I

Vehicle-to-infrastructure

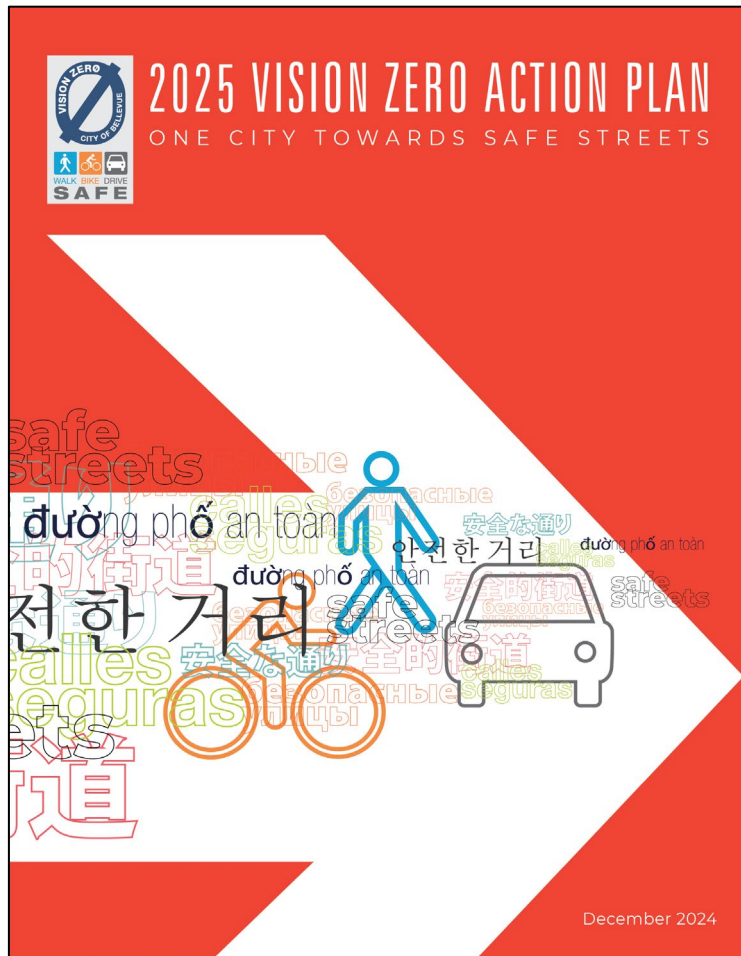


### V2N

Vehicle-to-network



# 2025 Activities



- Test signal technology for real-time safety interventions (**SMART & SS4A**)
- Assess existing automated speed enforcement camera program to inform potential expansion (**SS4A**)
- Evaluate 30+ MPH arterial roadways to determine recommended target speeds (**SS4A**)
- Conduct two RSAs that include video analytics data collection (**SS4A & WSDOT**)

# Automated Speed Enforcement



## **RCW 46.63.210-.260 (updates to local programs)**

1. Expands enforcement locations and number of cameras allowed
2. Broadens authority to administer infractions
3. Equity analysis required to determine locations

**Extensive public outreach and BPD coordination beginning May 2025**

## **Future Council actions (2026)**

- Code changes
- Camera location approval
- Contract approval

# Upcoming Community Outreach Activities

## Engagement Type



Commission



Council



In-person



Online/survey

## March - May



Micromobility Code Change



Road Safety Audit (BelRed)



Arterial speed management



Arterial speed management  
+ automated enforcement  
webpage

## June



Road Safety Audit  
(Downtown)



164<sup>th</sup> Avenue NE Safe  
Streets Corridor Study



Arterial speed management  
+ automated enforcement  
tabling events



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