

Traffic Conflict Screening Using Video Analytics Report

December 2024



**Washington State
Department of Transportation**

Roger Millar
Secretary of Transportation

Jay Drye
Director, Local Programs

Local Programs Traffic Conflict Screening

RE: ESHB 2134 Section 309(15)

ESHB 2124 Section 309(15) directs the department to award grants to local jurisdictions to implement network-wide traffic conflict screening programs using video analytics in controlled intersections with a disproportionate number of traffic violations and injuries to active transportation users.

The intent of this funding is to reduce fatalities and serious injuries in accordance with the Strategic Highway Safety Plan: Target Zero. The use of these safety cameras allows local agencies to review close calls and near misses to identify potential intersection improvements to help prevent crashes in the future, especially for vulnerable road users. This proactive approach to safety follows the strategies and priorities of Target Zero for addressing intersection safety.

In October 2023, WSDOT Local Programs advertised the Traffic Conflict Screening Using Video Analytics funds as part of the biannual City Safety Program call for projects. By February 2024, no applications for the video analytics funds had been submitted. In July 2024, WSDOT Local Programs advertised the same funding as a standalone program with an open and ongoing [call for projects](#).

To date, three applications have been submitted for funding, with several more interested agencies asking questions about the program. The first two qualified applicants received award letters in October 2024 for the full amount available.

The awarded projects for these funds are:

- **City of Issaquah** – City of Issaquah Video Analytics Deployment
 - \$460,000
 - In the process of purchasing and deploying video analytics equipment at 14 intersections within the City.

- **City of Bellevue** – Video Analytics Screening for Road Safety Audits
 - \$540,000
 - Utilize existing equipment to collect traffic and exposure data for one week (24/7) in winter 2025 and again in summer 2025 at 79 intersections within the city's High Injury Network (HIN). Analyze the data for use with road safety audits.

