

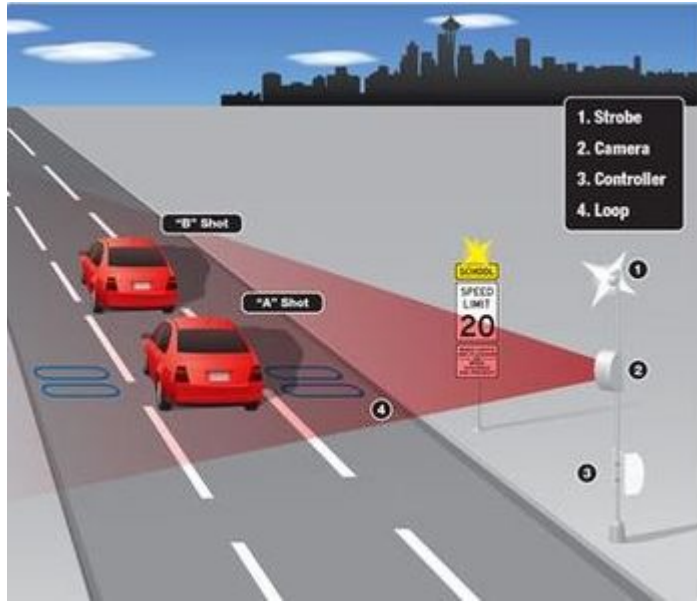
# Automated Speed Enforcement: Findings and Implications for Implementation in Kitsap County

Presented to the Non-Motorized Community  
Advisory Committee

by the Automated Speed Enforcement Subcommittee:  
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# What is Automated Speed Enforcement?



Seattle Police Dept. <https://bit.ly/44pcuGh>

## Automated Speed Enforcement (ASE):

Uses cameras and/or other detectors to measure motorist speed and capture evidence of speeding

Automatically detects speeding and generates citations for motorists exceeding speed limit

Citations are then reviewed by a law enforcement officer (LEO)

If approved by LEO, citation is sent to registered owner of vehicle

# Why Install Automated Speed Enforcement?



DurhamRegion.com <https://bit.ly/3DdcwFq>

Speed is a contributing factor in [31% of fatal crashes in WA](#)

Excessive speed increases the risk and severity of crashes, especially with pedestrians & bicyclists

WA's Target Zero Plan encourages enforcement as a strategy to reduce speeding and crashes

ASE increases ability to objectively enforce speed limits

# “A safe system is a slower system”

- Speed is unforgiving of human error, making collisions both more likely to occur and more deadly.\*
- ASE is a proven component of a broader system to prevent speeding and reduce accidents. It is highly effective and cost efficient.



# Is Automated Speed Enforcement Effective?

ASE decreases the number of speeding drivers:

The city of Kirkland deployed speed cameras at three schools and reduced the number of vehicles exceeding the speed limit by nearly half in just two years.

In the first two years that Seattle used automated speed cameras, violations dropped from over 45,000 to under 20,000 at the eight locations where cameras were installed.



TrafficLogix.com <https://bit.ly/3ru3q4B>

# Across WA, once adopted, use of ASE is growing

- Govs where ASE installed are adding more (all across the state: Spokane, Kirkland, Kenmore, etc)
- Reports from govts show that ASE installed location see reduced ticketing speeds and fewer repeat offenders over time -> WORKING!
- ASE ticket revenues can be used for capital improvements enhancing pedestrian safety
- General trends are:
  - Most tickets are paid
  - Most people only get one
  - Ticket issuance declines over time (safer, also less revenue to put toward ped projects)
  - Revenue exceeds cost

# Where Can ASE Be Implemented in WA?



**School Speed Zones:** 20 mph zones within 300 feet of a school or playground border

**School Walk Areas:** The area designated around a school with an adequate roadway configuration to provide students access to school with a walking distance of less than one mile.



# Where Can ASE Be Implemented in WA?



**Public Park Speed Zones:** The marked area within public park property and extending 300 feet from the border of the park consistent with active park use.

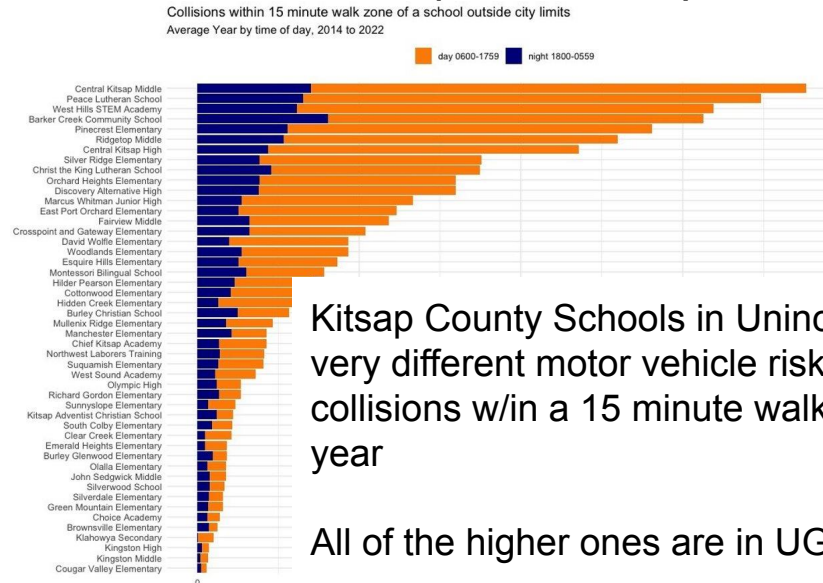
**Hospital Speed Zones:** The marked area within hospital property and extending 300 feet from the border of hospital property consistent with hospital use.





# Where would ASE be implemented?

- Government entity (in our case, Kitsap County) decides - based on conditions and community engagement [outside of NMCAC hands]
- This subcommittee thinks that the most likely/beneficial places are school zones in the UGAs



Kitsap County Schools in Unincorporated County have very different motor vehicle risks - this shows # collisions w/in a 15 minute walk area of the schools per year

All of the higher ones are in UGAs

# ASE Example: Fairview Middle School

## School Speed Zones

- Limited to streets adjacent to school
- Limited spans
- Limited times



Fairview's Speed Zone: on Central Valley Rd. from San Juan (south) to Sandy (north) = about 1,000 feet

# ASE Example: Central Kitsap Middle School

## School Walk Area

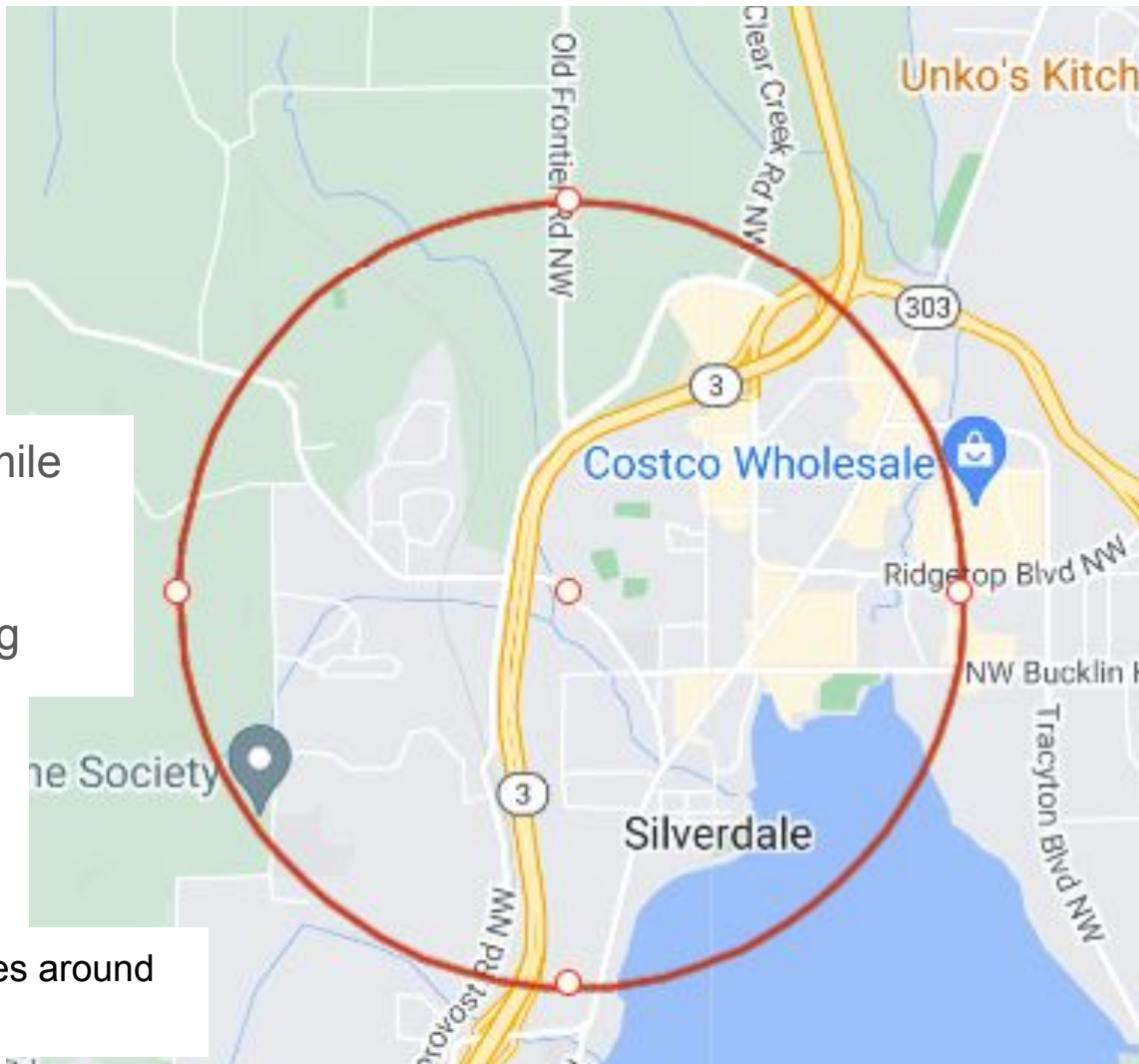
–Walking distance < 1 mile

–Adequate Roadway

configuration for Walking

- Anderson Hill Rd?
- Bucklin Hill Rd?
- Frontier PI?
- Randall Way?
- Silverdale Way?

Note: There are no speed zones around CKMS or CKHS



# ASE Example:

Kitsap Co.

Fairgrounds/Kitsap

Kids Playground

## Park Speed Zone

-Within a park? NO

-Within 300' of park? Yes

-Consistent with active park use? *What does that mean?*

Fairgrounds Rd?

Nels Nelson Rd?

Stampede Blvd?

Tracyton Blvd?

Tibardis Rd?



# ASE Example: St. Michael's Medical Center

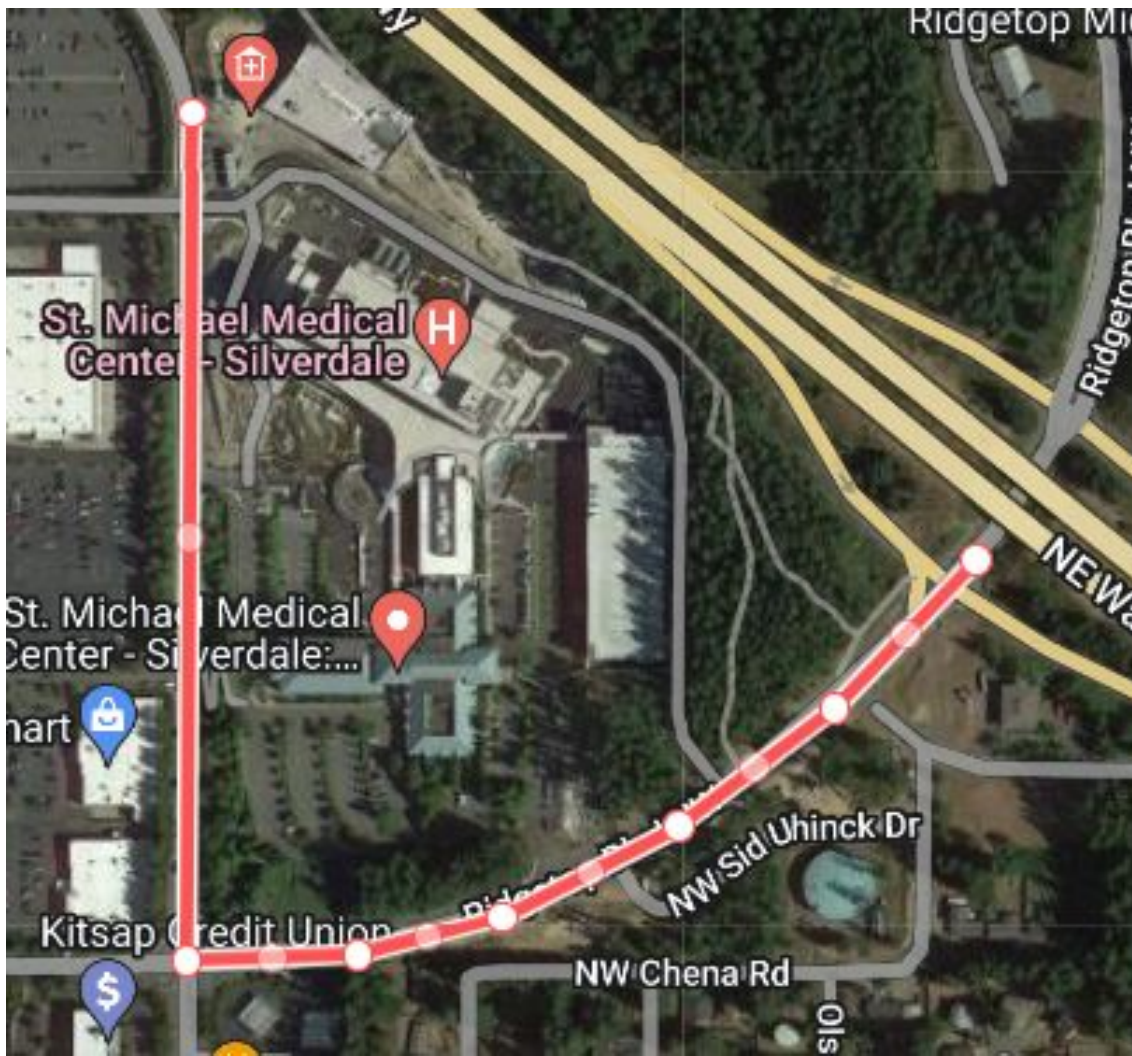
## Hospital Speed Zone

-Within hospital property?  
NO

-Within 300' of hospital? Yes

-Consistent with hospital  
use? *What does that mean?*

Myhre Rd?  
Ridgetop Blvd?



# How can ASE be implemented?

1. County creates community advisory team to help develop ASE proposal.
2. County does analysis of possible ASE locations.
3. County passes an ordinance in compliance with RCW 46.63.170 (draft ordinance example: <https://apps.leg.wa.gov/rcw/default.aspx?cite=46.63.170>)
4. The ordinance permits the county to then move forward with steps toward implementation.



PROGRAM ENFORCED & GOVERNED  
VIA COUNTY ORDINANCE – MUST  
COMPLY WITH WA RCW



REVENUE SHOULD BE USED TO  
MAINTAIN THE PROGRAM &  
ENHANCE TRANSPORTATION SAFETY



OVERARCHING GOAL MUST BE TO  
CHANGE BEHAVIOR, NOT TO  
GENERATE REVENUE.

# ASE aligns with Goals in Kitsap



- **NMFCAC** – seeks to enhance non-motorized facilities and to ensure safe transportation for non-motorized users. ASE can be a component to achieve those objectives.
- **Kitsap County Comprehensive Plan** – ASE aligns via the following goals:
  - Goal 14 – Maximize the opportunity for non-motorized travel, including development of greenways that are safe for all ages
- **Kitsap County Non-Motorized Transportation Plan** – ASE aligns via the following goals:
  - Goal 8 and Goal 9: Support and provide safe routes to school. Promote and provide support for safe bicycle route development throughout Kitsap County.
  - “Develop ways to maximize the use of limited transportation funding by reducing construction costs through design flexibility, as appropriate....Consider Transportation demand Management alternatives or steps to reduce traffic speeds or volume as a means to improve safety on current or potential bicycle routes”
- **National & State Programs** – Safe Routes, Vision Zero for Youth



# Next Steps

If NMCAC is interested:

1. NMCAC can draft, debate, and pass a resolution to the Kitsap County Commissioners expressing support for starting the process of implementing ASE:
  - a. Creation of community advisory team to explore and develop ASE proposal,
  - b. Analysis of proposed ASE locations,
  - c. Crafting an ordinance enabling ASE,
2. NMCAC can express support for a public process to gather community input and/or participate in ASE advisory committee