

COLLABORATIVE
PRACTICAL
INVENTIVE
NIMBLE
EQUITABLE

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## Automated Speed Enforcement

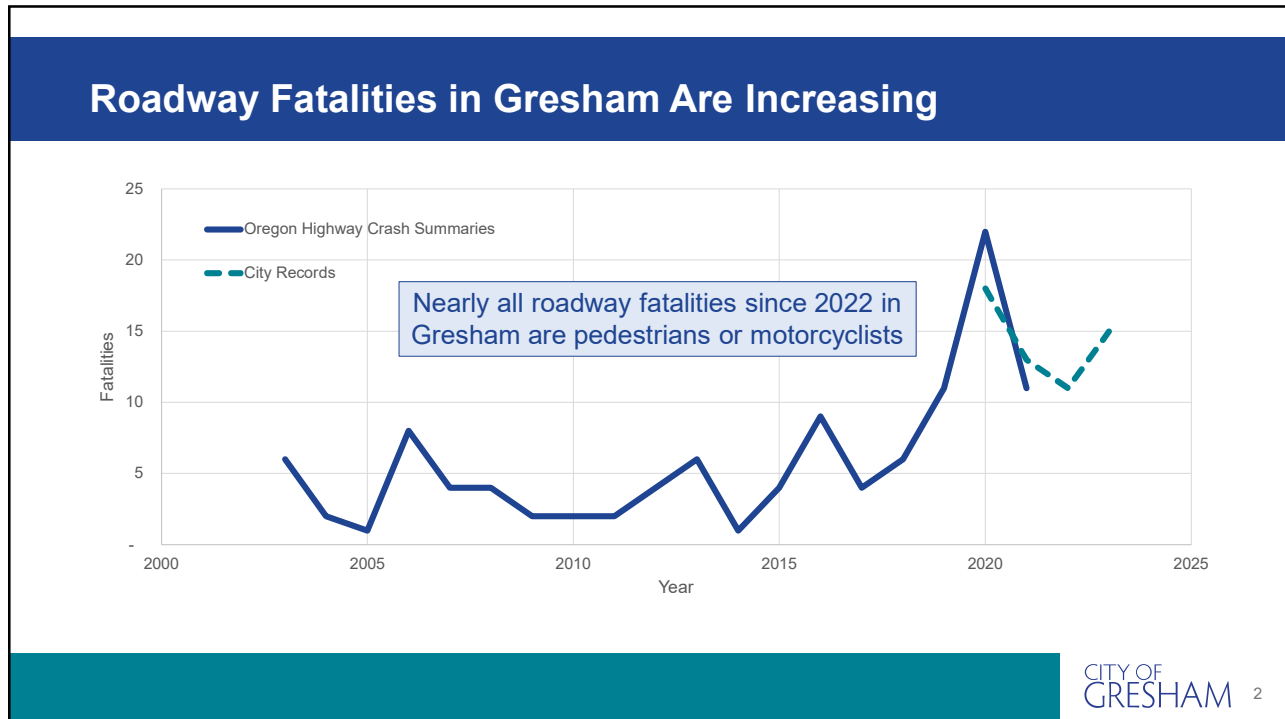
Coalition of Gresham Neighborhood Associations  
January 14, 2025

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*Photo Credits: City of Portland, The Oregonian*

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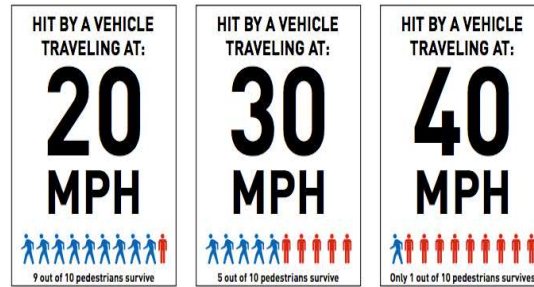


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## Safe Systems Approach



### Why do vehicle speeds matter?



Source: Federal Highway Administration, Novoa Global

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## Speed Study Results (Radar)

Location	11+ MPH Over Posted Limit	21+ MPH Over Posted Limit
SW Towle @ SW 14 <sup>th</sup> (NB)	50%	4%
SE 182 <sup>nd</sup> @ Main Street (SB)	10%	~0.4%
NE Cleveland @ NE 24 <sup>th</sup> (NB)	18%	1%
SE 194 <sup>th</sup> near Couch St. (NB/SB)	20%	1%

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## Why Automated Traffic Enforcement?

- Loss of full-time dedicated traffic unit in January 2022 due to staffing issues.
- Minimum staffing and increased call load has diverted patrol resources away from traffic enforcement.
- Automated traffic enforcement has shown to reduce traffic related accidents and increase safety in the areas where deployed.



54% reduction in  
fatal collisions  
with photo enforcement  
**Portland, OR**



63% reduction in  
school zone speeding  
with photo enforcement  
**New York City, NY**

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## What is Automated Enforcement?

- Technology
  - Fixed speed enforcement
  - Fixed red light enforcement
- Detects driver non-compliance
- Records vehicle information
- Transmits to agency for review
- Warning/citation is issued



Photo Credits: Statesman Journal, City of Portland

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## Pilot Test Proposal

- Select one vendor to install automated enforcement at two locations (one for speed, one for red light)
- Vendor installs and maintains equipment at their own expense, up to three-month demo (City will post advance signage)
- Only warnings issued during pilot
- Pilot test objectives:
  - Proof of technology concept
  - Understand workload / revenue impact
  - Assess public perception
  - Does it meet the City's goals for use of this technology?



Photo Credit: Tigard Life

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## Proof of Technology Concept

- Red light violations
  - Example location: Hogan/Stark: high crash location, high volume of traffic, relatively congested traffic
- Speed violations
  - Example location: Highland south of Johnson Creek: numerous high severity crashes

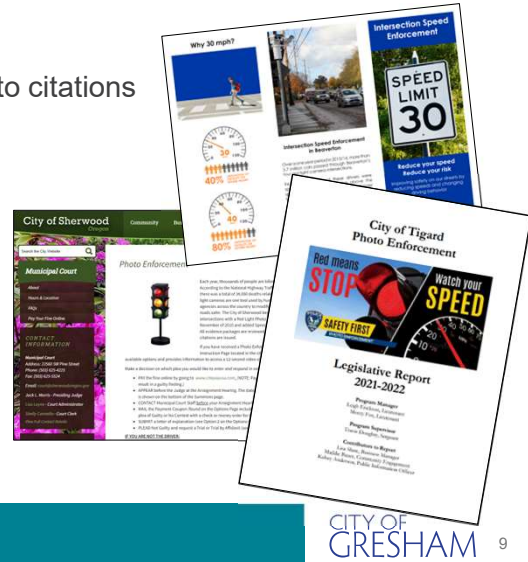


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## Workload Impact

- Initial
  - Conduct a public information campaign prior to citations
  - Install permanent, physical signs
- Ongoing
  - Review photos from citations
  - Mail citations to vehicle owners
  - Handle paperwork with courts
  - Community member questions
- Periodic
  - Report to the Legislature every other year



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## Financial Impact

- Revenue Side
  - The City wants to use this technology to improve safety
  - State statutes govern level and disposition of fines
- Cost Side
  - Vendor pays for technology and receives a share of traffic fine revenue
  - Vendor receives part of City's ticket revenue share based on contract
  - City's requirements (see previous slide) need to be considered

<input type="checkbox"/> Interpreter	Case No. <u>22262882</u>	Page _____ of _____	<b>783605 B</b> COMPLAINT
<b>OREGON UNIFORM CITATION AND COMPLAINT</b>			
<input type="checkbox"/> CRIMINAL VIOLATION	<input type="checkbox"/> MANDATORY APPEARANCE (SEE BACK)	<input type="checkbox"/> NON-TRAFFIC TRAFFIC	
<input checked="" type="checkbox"/> OPTIONAL APPEARANCE (SEE BACK)			
STATE OF OREGON	<input checked="" type="checkbox"/> Municipal - 1102 Lincoln St	<input type="checkbox"/> Juvenile—2727 Centennial Blvd	
CITY OF EUGENE	<input checked="" type="checkbox"/> Circuit—125 E. 8th Ave.	See (Reverse Side)	Zip: 97401
COUNTY OF LANE		<input type="checkbox"/> Other court, see below	
THE UNDERSIGNED CERTIFIES AND SAYS THAT			

Photo Credit: Oregon DOJ

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## Assessing Public Perception

- Purpose of Outreach
  - Awareness of pilot test and larger goals
- Signage
- Traditional outreach channels
- Committees and associations
  - Transportation Subcommittee
  - Neighborhood Coalition & Affected Neighborhood Associations?
  - Community-Based Organizations



Photo Credit: KEZI

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## Next Steps

- Select and contract with vendor for pilot test
- Inform Council of parameters of pilot test (when, where, etc.)
- Conduct outreach
- Conduct pilot test
- Report findings to Council

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