



Shelton City Council
Study Session Agenda
September 14, 2021 at 6:00 p.m.
Virtual Platform

A. Call to Order

B. Roll Call

C. Study Agenda

1. Local Roads Safety Plan – Presented by City Engineer Ken Gill

D. New Items for Discussion

E. Adjourn

The City of Shelton is committed to the non-discriminatory treatment of all persons in employment and the delivery of services and resources. If you require accommodation for your attendance at the City Council meeting, please call (360) 432-5103 at least 48 hours in advance of the meeting.



2021 Looking Ahead

(Items and dates are subject to change)

Tues. 9/21 5:45 p.m.	SMPD Meeting	Consent Agenda <ul style="list-style-type: none"> • Vouchers/Meeting Minutes Business Agenda <ul style="list-style-type: none"> • Action Agenda <ul style="list-style-type: none"> • Administration Report <ul style="list-style-type: none"> • 	Packet Items Due: 9/10 – 5:00 p.m.
Tues. 9/21 6:00 p.m.	Regular Meeting	Consent Agenda <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes • July Financial Status Report Presentations <ul style="list-style-type: none"> • Business Agenda <ul style="list-style-type: none"> • Public Hearing Ordinance No. 1974-0821 2021 Budget Supplemental • Public Hearing Ordinance No. 1975-0821 Debt Management Policy • Public Hearing Ordinance No. 1976-0821 Investment Policy • Surplus Policy Action Agenda <ul style="list-style-type: none"> • Resolution No. 1207-0821 C Street Landfill Agreed Order DE 19541 • Memorandum of Understanding – William G. Reed Library Restroom Renovations Administration Report <ul style="list-style-type: none"> • 	Packet Items Due: 9/10 – 5:00 p.m.
Tues. 9/28 6:00 p.m.	Study Session	Study Agenda <ul style="list-style-type: none"> • 2022 Budget • Homeless Encampment Ordinance 	Packet Items Due: Fri. 9/24 @ noon
Tues. 10/5 6:00 p.m.	Regular Meeting	Consent Agenda <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes Presentations <ul style="list-style-type: none"> • Proposed 2022 Budget Business Agenda <ul style="list-style-type: none"> • LTAC Grant Recommendations • JAVS A/V System Replacement in Courtroom/Council Chambers • FCS Contract – ER&R • Prosecution Services Contract • Resolution No. 1208-0921 Western Gateway Design Contract Amendment No. 3 	Packet Items Due: 9/24 – 5:00 p.m.

		<p>Action Agenda</p> <ul style="list-style-type: none"> • Ordinance No. 1974-0821 2021 Budget Supplemental • Ordinance No. 1975-0821 Debt Management Policy • Ordinance No. 1976-0821 Investment Policy • Surplus Policy <p>Administration Report</p> <ul style="list-style-type: none"> • 	
Tues. 10/12 6:00 p.m.	Study Session	<p>Study Agenda</p> <ul style="list-style-type: none"> • Pavement Condition Rating Presentation 	Packet Items Due: Fri. 10/8 @ noon
Tues. 10/19 6:00 p.m.	Regular Meeting	<p>Consent Agenda</p> <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes • August Financial Status Report <p>Presentations</p> <ul style="list-style-type: none"> • <p>Business Agenda</p> <ul style="list-style-type: none"> • <p>Action Agenda</p> <ul style="list-style-type: none"> • LTAC Grant Recommendations • JAVS A/V System Replacement in Courtroom/Council Chambers • FCS Contract – ER&R • Prosecution Services Contract • Resolution No. 1208-0921 Western Gateway Design Contract Amendment No. 3 <p>Administration Report</p> <ul style="list-style-type: none"> • 	Packet Items Due: 10/8 – 5:00 p.m.
Tues. 10/26 6:00 p.m.	Study Session	<p>Study Agenda</p> <ul style="list-style-type: none"> • Animal Ordinance 	Packet Items Due: Fri. 10/22 @ noon
Tues. 11/2 6:00 p.m.	Regular Meeting	<p>Consent Agenda</p> <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes <p>Presentations</p> <ul style="list-style-type: none"> • <p>Business Agenda</p> <ul style="list-style-type: none"> • Resolution No. 1186-1220 Surplus Computer Equipment <p>Action Agenda</p> <ul style="list-style-type: none"> • <p>Administration Report</p> <ul style="list-style-type: none"> • 	Packet Items Due: 10/22 – 5:00 p.m.
Tues. 11/9 6:00 p.m.	Study Session	<p>Study Agenda</p> <ul style="list-style-type: none"> • Noise Ordinance 	Packet Items Due: Fri. 11/5 @ noon
Tues. 11/16 6:00 p.m.	Regular Meeting	<p>Consent Agenda</p> <ul style="list-style-type: none"> • Vouchers/Payroll Warrants/Meeting Minutes • September Financial Status Report <p>Presentations</p> <ul style="list-style-type: none"> • <p>Business Agenda</p> <ul style="list-style-type: none"> • 	Packet Items Due: 11/5 – 5:00 p.m.

		Action Agenda <ul style="list-style-type: none"> Resolution No. 1186-1220 Surplus Computer Equipment Administration Report 	
Tues. 11/23 6:00 p.m.	Study Session	Study Agenda <ul style="list-style-type: none"> 	Packet Items Due: Fri. 11/19 @ noon
Tues. 12/7 5:30 p.m.	Special Meeting	Executive Session <ul style="list-style-type: none"> Performance of a Public Employee 	N/A
Tues. 12/7	Regular Meeting	Consent Agenda <ul style="list-style-type: none"> Vouchers/Payroll Warrants/Meeting Minutes Presentations Business Agenda <ul style="list-style-type: none"> Public Hearing Ordinance No. 1968-0321 Water Comp Plan Adoption Action Agenda <ul style="list-style-type: none"> Administration Report 	Packet Items Due: 11/24 – 5:00 p.m.
Tues. 12/14 6:00 p.m.	Study Session	Study Agenda <ul style="list-style-type: none"> 	Packet Items Due: Fri. 12/10 @ noon
Tues. 12/21 6:00 p.m.	Regular Meeting	Consent Agenda <ul style="list-style-type: none"> Vouchers/Payroll Warrants/Meeting Minutes October Financial Status Report Presentations <ul style="list-style-type: none"> Business Agenda <ul style="list-style-type: none"> Action Agenda <ul style="list-style-type: none"> Ordinance No. 1968-0321 Water Comp Plan Adoption Administration Report <ul style="list-style-type: none"> 	Packet Items Due: 12/10 – 5:00 p.m.

Other – TBD

- UGA/Annexation Policy (Water/Sewer Extensions)
- More Standing Committees by the Council
- Surplus Property
- December 7, 2021 – C Street Update

Slideshow

Shelton Road Safety Plan

City Council Study Session - September 2021



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Introduction

- ◆ Agenda
 - ◆ Description of Local Road Safety Plan
 - ◆ Existing Crash History
 - ◆ Risk Factors
 - ◆ Preliminary Priority Corridor List
 - ◆ Preliminary Countermeasures
 - ◆ Next Steps

What is a Local Road Safety Plan?

What is it?

- ◆ A data-driven, analysis, and prioritization of an agency's roadways for traffic safety, based on the top fatal and serious injury crash types
- ◆ Data provided by WSDOT via police incident reports



Prepared For:
City of Shelton

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September 2021

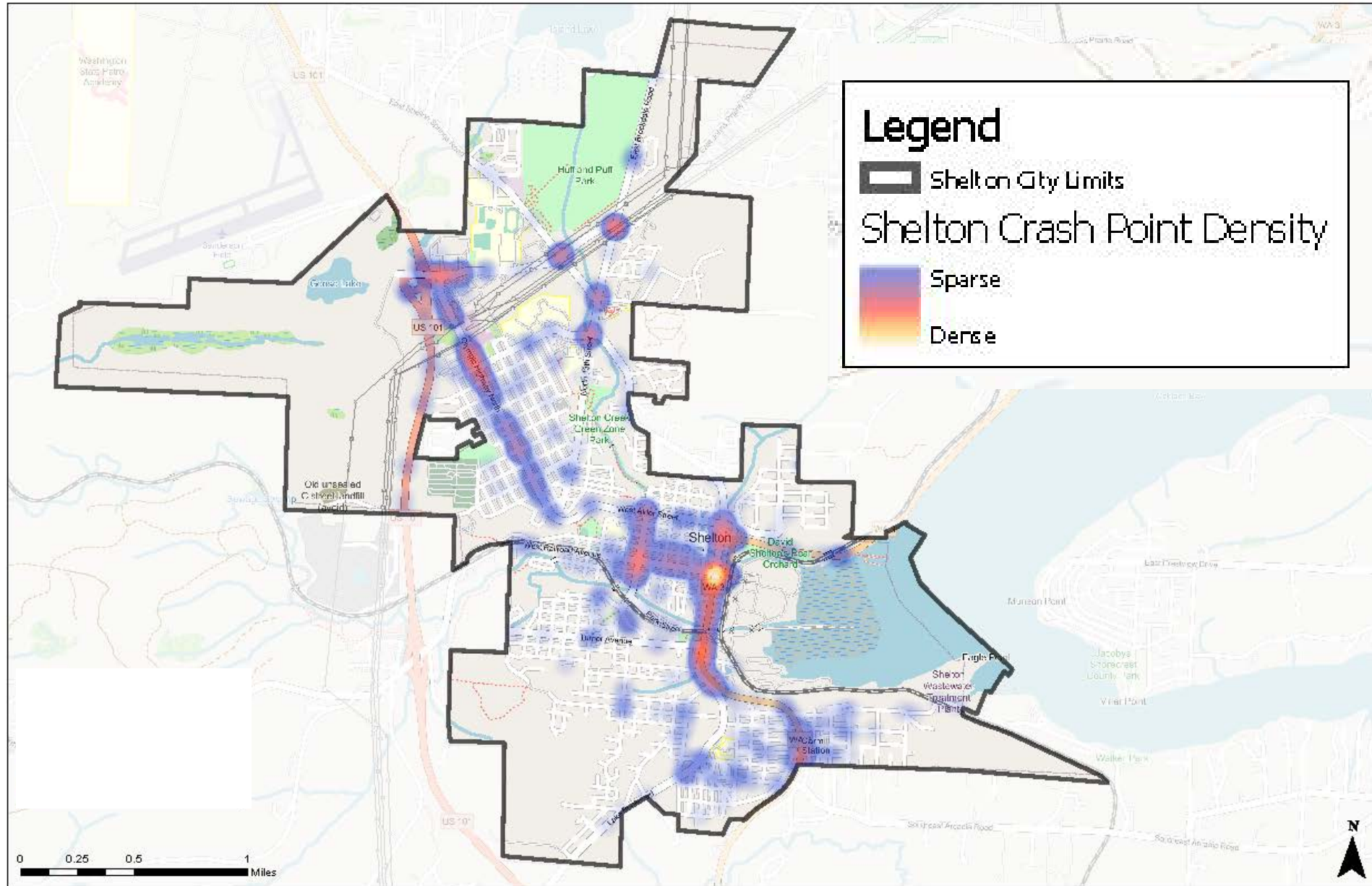


What is a Local Road Safety Plan?

How is it used?

- ◆ To help understand traffic safety issues and determine safety priorities
- ◆ To develop system-wide (systemic) and location specific countermeasure strategies
 - ◆ Example of system-wide countermeasure – install/improve street lighting on roads with a posted speed limit of 40+ mph
 - ◆ Example of location specific countermeasure – Install raised intersection treatment to reduce travel speed
- ◆ To help prioritize projects and be ready for funding

Existing Crash History



- ◆ 832 Reported Crashes of the last 5-year Period
- ◆ 16 Fatal or Serious Injury Crashes (Severe)

Top 20 Corridors

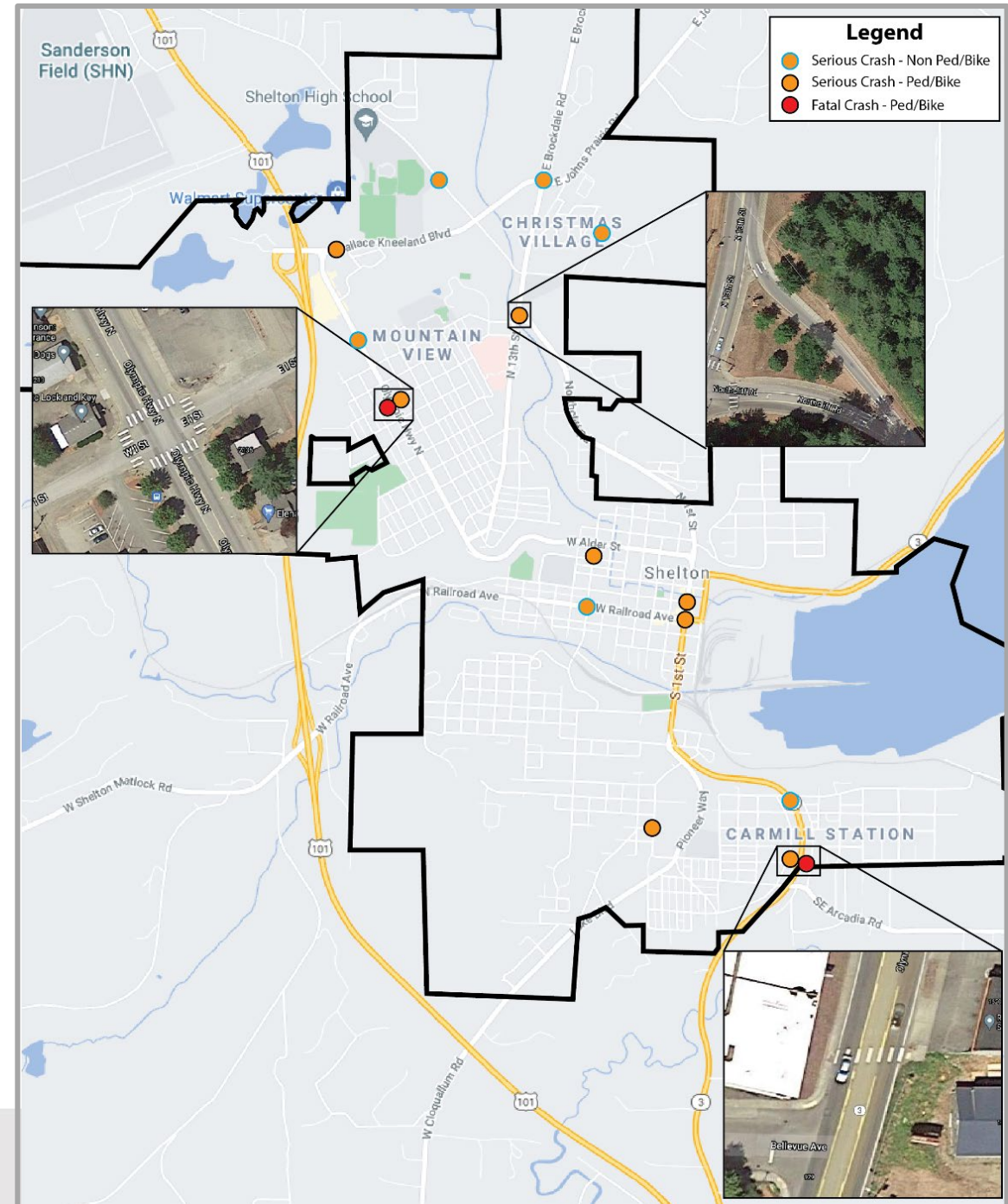
Corridor	Segment	Existing Crashes by Type											Total (Severe)
		Rear-end	Sideswipe	Right Turn	Head On	Parked Vehicle	Left Turn	Angle	Fixed Object	Pedestrian	Pedal cyclist	Other	
S 1 st Street (SR 3)	Mill Street to Railroad Avenue	66	2	2	1	1	8	20	9	3 (1)	3	1	116 (1)
Olympic Highway N	W Alder Street to E Wallace Kneeland Boulevard	26	7	5	2	6	3	49 (1)	8	4 (2)	2	3	115 (3)
Olympic Highway S (SR 3)	City limits to Mill Street	16	6	1 (1)	1	1	2	12	7	2 (2)	1	2	51 (3)
Wallace Kneeland Boulevard	Olympic Highway N to Shelton Springs Road	10	5	1	0	0	6	11	3	4 (1)	0	1	41 (1)
W Railroad Avenue	N 1 st Street/S First Street/E Railroad Avenue to Pacific Ct (City limits)	11	2	0	0	6	5	7	3	3	0	4	41 (0)
N 1 st Street	Railroad Avenue to Moore Avenue	6	1	1	1	1	6	14	2	0	1 (1)	3	36 (1)
N 7 th Street	W Railroad Avenue to W Alder Street	2	1	1	0	3	4	14	0	2	2 (1)	0	29 (1)
E Brockdale Road	Wallace Kneeland Blvd/E Johns Prairie Rd/N 13th St to City limits	7	1	0	0	0	0	11 (1)	3	0	0	0	22 (1)
E Pine Street (SR 3)	Front St to city limits	4	4	0	1	0	1	5	1	0	0	2	18 (0)

Top 20 Corridors

Corridor	Segment	Existing Crashes by Type											Total (Severe)
		Rear-end	Sideswipe	Right Turn	Head On	Parked Vehicle	Left Turn	Angle	Fixed Object	Pedestrian	Pedal cyclist	Other	
E Pine Street (SR 3)	Front St to city limits	4	4	0	1	0	1	5	1	0	0	2	18 (0)
W Cota Street	S 12 th Street to S 1 st Street	1	1	0	0	5	2	7	1	0	0	1	18 (0)
W Alder Street	N 1 st Street to Olympic Highway N	3	1	0	0	2	2	3	4	1	1	1	18 (0)
N 13 th Street	N 12th Street to Wallace Kneeland Boulevard/E Johns Prairie Road	2	1	0	0	0	2	6	3	1	1	2	18 (0)
S 7 th Street	W Railroad Avenue to Highland Drive	0	0		0	2	3 (1)	6	4	0	0	0	15 (1)
Northcliff Road	Moore Avenue/N 1st Street to N 13th Street	4	1	1	0	0	0	0	5	2 (1)	0	2	15 (1)
E K Street	Olympic Highway North - N 13th Street	3	0	1	0	1	3	1	3	0	0	0	12 (0)
N Front Street (SR 3)	E Railroad Avenue to E Pine Street	1	0	0	0	0	5	5	0	0	0	0	11 (0)
W Franklin Street	N 1 st Street to city limits	1	0	0	0	2	2	4	1	0	0	1	11 (0)
E Railroad Avenue (SR 3)	N 1 st Street/S 1 st Street to N Front Street/S Front Street	0	1	0	0	0	0	7	1	0	0	1	10 (0)
N Shelton Springs Road	N 13 th Street/Alpine Way to Tarragon Avenue (city limits)	2	0	0	0	0	1	4	3 (1)	0	0	0	10 (1)
E Arcadia Avenue	Pioneer Way to Olympic Highway S	0	0	0	1	1	0	4	4	0	0	0	10 (0)
Total Crashes	-	165	34	12	7	31	55 (1)	191 (3)	65 (1)	22 (7)	11 (2)	16	617 (14)

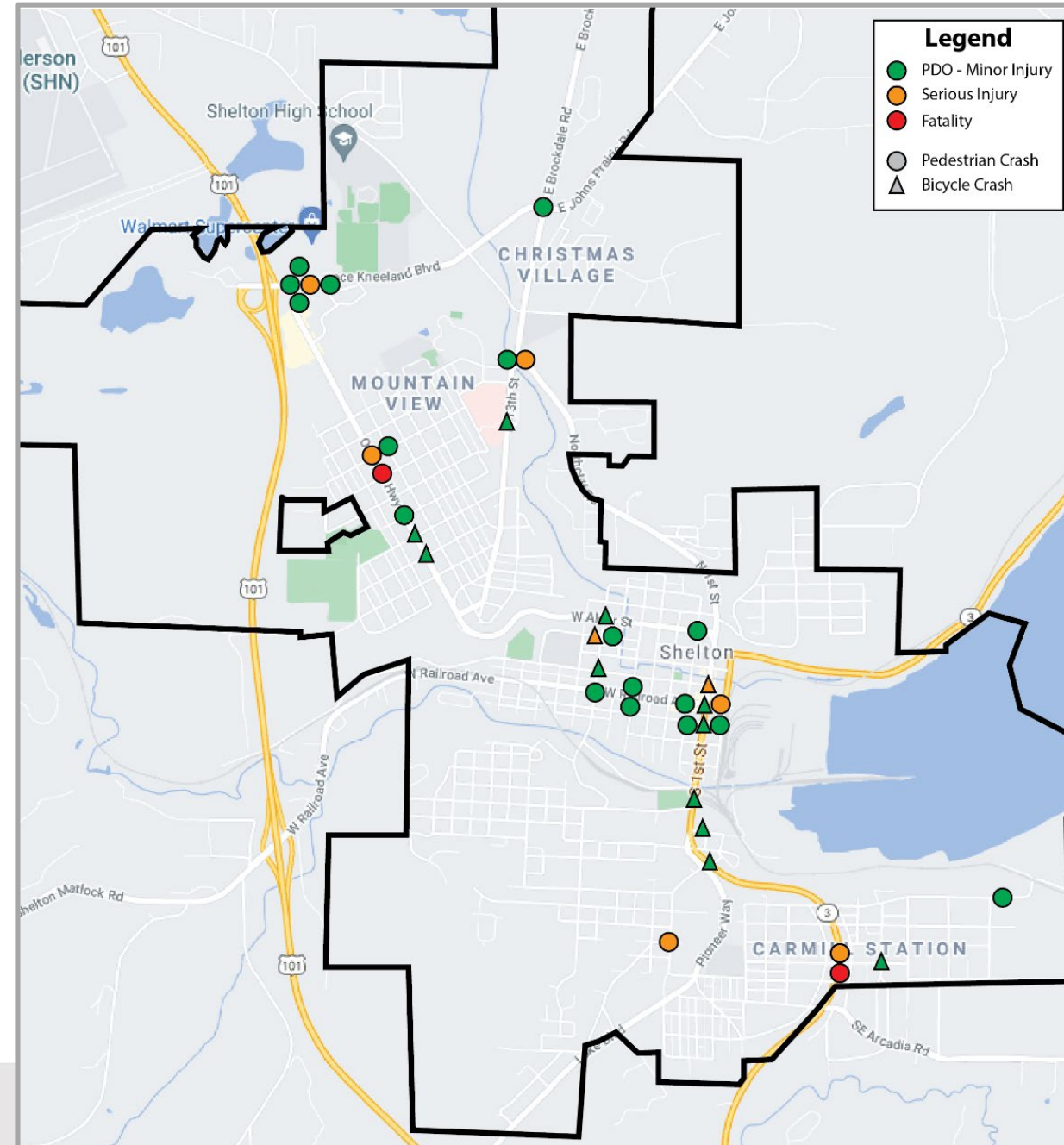
Existing Crash History

- ◆ Fatal crashes – red dot
- ◆ Serious injury crashes– yellow dot
- ◆ 16 total fatal and serious injury crashes
 - ◆ 10 involved a bicycle or pedestrian



Existing Crash History

- ◆ All bicycle and pedestrian crashes



Risk Factors

Risk Factors represent roadway elements or circumstances that may have contributed to a crash. For the Local Road Safety Plan, we:

- ◆ Identified a list of risk factors for each Severe injury crash
- ◆ Reviewed the total list of risk factors and looked for factors that occurred in 25% or more of the Severe crashes
- ◆ Determined City-wide high priority risk factors

Risk Factors

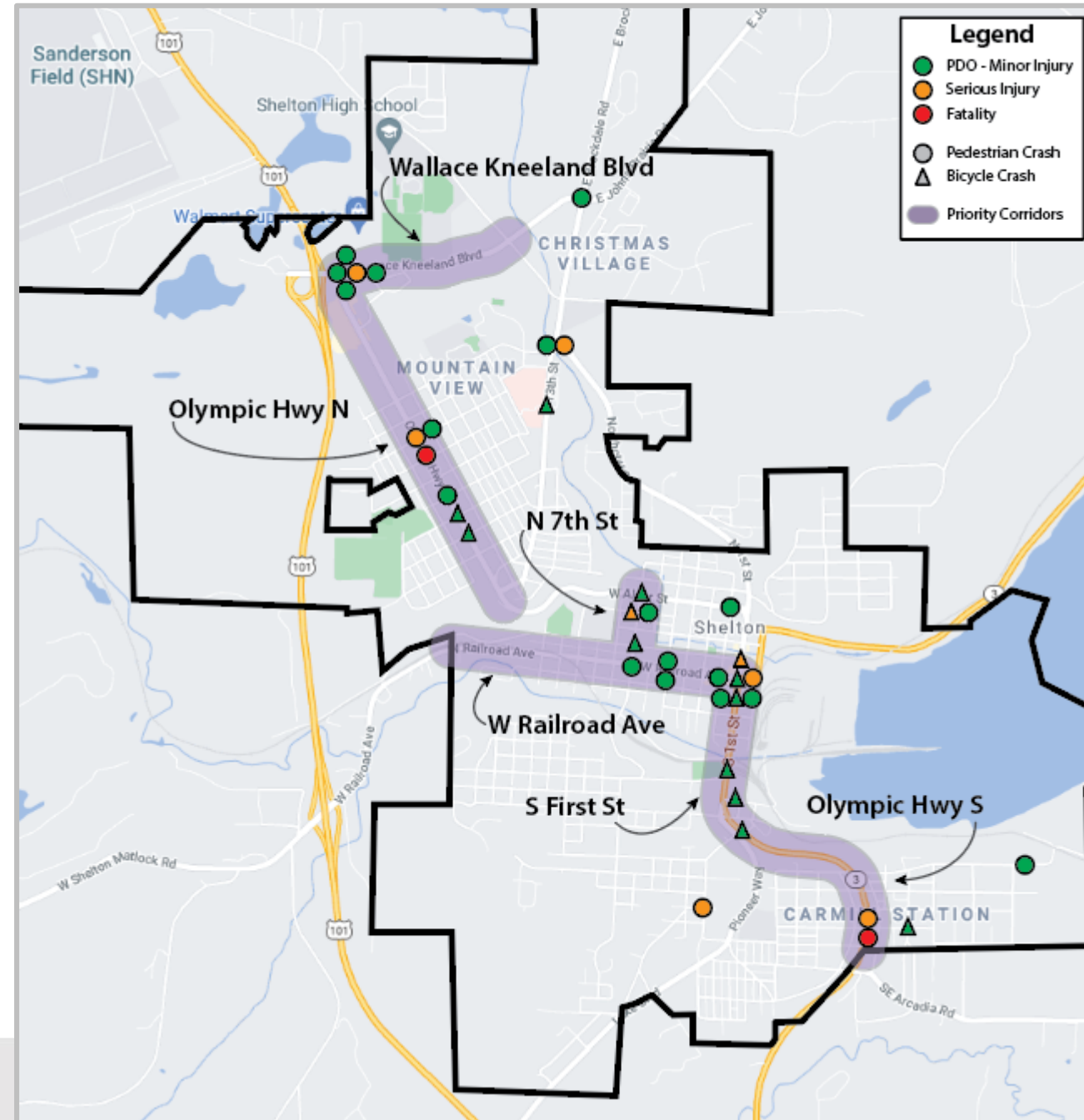
High priority risk factors:

- Hitting pedestrians
- After dark but with illumination
- At or between intersections
- Along straight and level roadways with no traffic control
- In areas with both 25 and 30 mph speeds (the predominate speed limits within the city)
- Inattentive pedestrians (or pedestrians for which no contributing cause was identified in the crash report but for which inattention is a likely cause)
- Pedestrian crashes located along roadways and within crosswalks.

Preliminary Corridor Assessment

◆ High Priority Corridors

- ◆ Olympic Highway N
- ◆ W Railroad Avenue
- ◆ N 7th Street
- ◆ Wallace Kneeland Boulevard
- ◆ S 1st Street
- ◆ Olympic Highway S



Preliminary Corridor Assessment

- ◆ Input received from local stakeholders for four locations:
 - ◆ E Arcadia Avenue – Speeding/Pedestrian Concerns
 - ◆ E K Street – Afternoon School Traffic Friction
 - ◆ Pine Street and Railroad Avenue – Sight Distance
 - ◆ Gravel Roads located in Capital Hill area – Steep and Dusty/Sight Distance
- ◆ Arcadia Avenue and K Street both pedestrian focused concerns
- ◆ Arcadia Avenue, K Street, Pine Street and Railroad Avenue all locations within the City’s list of top 20 crash corridors
- ◆ Being evaluated as potential additional priority locations

Potential Countermeasures



- ◆ Mini roundabouts to reduce speeds

Potential Countermeasures



- ◆ Curb extensions to reduce crossing distance

Potential Countermeasures



- ◆ Planter Strips to increase pedestrian street buffer

Potential Countermeasures



- ◆ Signalized pedestrian crossings

Potential Countermeasures



- ◆ Pedestrian midblock refuge to reduce exposure

Additional Local Feedback

- ◆ Additional areas of concern in the City?
- ◆ Specific crash type concern?
- ◆ Observations regarding crashes and safety?

Next Steps

- ◆ Finalize list of priority locations
- ◆ Finalize potential countermeasures
 - ◆ Work with the City to determine recommended countermeasures
 - ◆ Work with the City to develop prioritized list of countermeasures
 - ◆ Prepare planning level cost estimates for countermeasures
- ◆ Present final report – 3 Months
- ◆ Submit for funding – Announced by WSDOT in Fall 2021

Thank you for your time.



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