

Introduction to the Local Road Safety Plan

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Agenda

- Review the Transportation Master Plan (TMP) role, strategies, and guiding principles
- Safer Streets and Roads for All (SS4A) grant opportunity
- Introduction to Local Road Safety Plan










Connection with Comprehensive Plan



Comprehensive (COMP) Plan - Adopts Vision for the City							
 Transportation	 Housing	 Parks, Arts & Culture	 Public Safety	 Utilities	 Capital Facilities	 Neighborhoods	 Human Services
 Economic Vitality	 Urban Centers	 Land Use	 Natural Environment	 Shorelines	 Historic Preservation	 Annexation & Regional Planning	 Implementation & Evaluation

Typically updated every 8-10 years, amendments throughout the year



Functional & Strategic Plans - Defines How Vision will be Implemented								
 TRANSPORTATION	 Urban Centers & Neighborhoods	 Utilities	 ADA / Accessibility	 Environment & Sustainability	 Housing & Human Services	 Public Safety & Emergency Preparedness	 Facilities	 Parks & Trails

Transportation Master Plan (TMP), typically updated every 6-8 years, last major update 2013



Community Involvement



Environmental Review

Parts of a Transportation Master Plan

- Transportation planning context
- Community outreach
- Transportation goals, policies, and actions
- Transportation vision
- Transportation project list
- Implementation



Developing Transportation Policies



Guiding Principles

Safety



Equity and Inclusion



Sustainability



Technology Forward



Resilience



Transportation Strategies

Organize around light rail

Maintain transportation infrastructure

Improve travel choices and mobility

Enhance freight and service mobility

A Series of Discussions

- **Local Road Safety Plan**
- Bicycle Design Guide Update
- Pedestrian Strategic Plan
- Transit Strategic Plan
- Active Transportation Plan
- Technology Inventory and Assessment
- 2023-2050 Transportation Facilities Plan
- ADA Transition Plan in Public Rights of Way
- Downtown Parking Strategic Plan Update



Developing the Transportation Master Plan



Work Title	2023				2024			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2023-2050 Transportation Facilities Plan (to be incorporated in Redmond 2050)								
Local Road Safety Plan								
Bicycle Design Guide Update*								
Pedestrian Strategic Plan*								
Transit Strategic Plan*								
Technology Current State Assessment								
Downtown Parking Strategic Implementation Plan Update								

* Bicycle, Pedestrian, and Transit mode system plans will be incorporated into the TMP as the **Active Transportation Plan**

Safe Streets and Roads for All (SS4A)



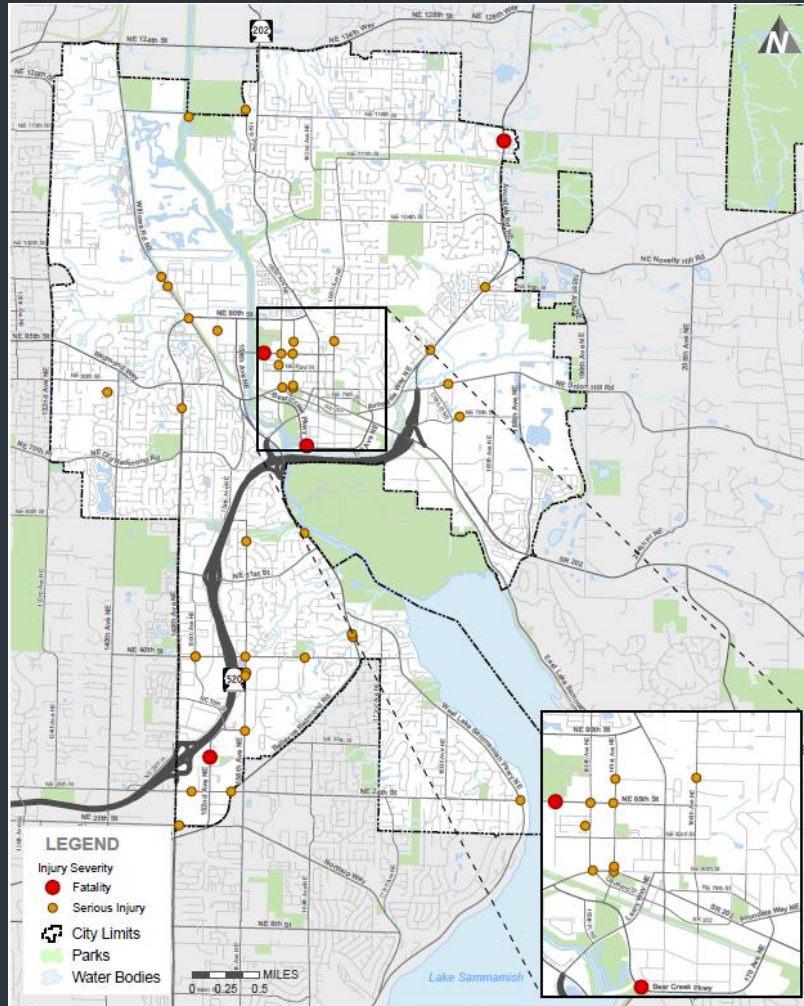
- Bipartisan Infrastructure Law (BIL) established discretionary program dedicated to prevent roadway deaths and serious injuries
- The City applied individually and USDOT requested to combine application with the Puget Sound Regional Council (PSRC), Pierce County, and the cities of Burien, Everett, Kent, and Tukwila
- PSRC will coordinate the work and serve as the lead applicant



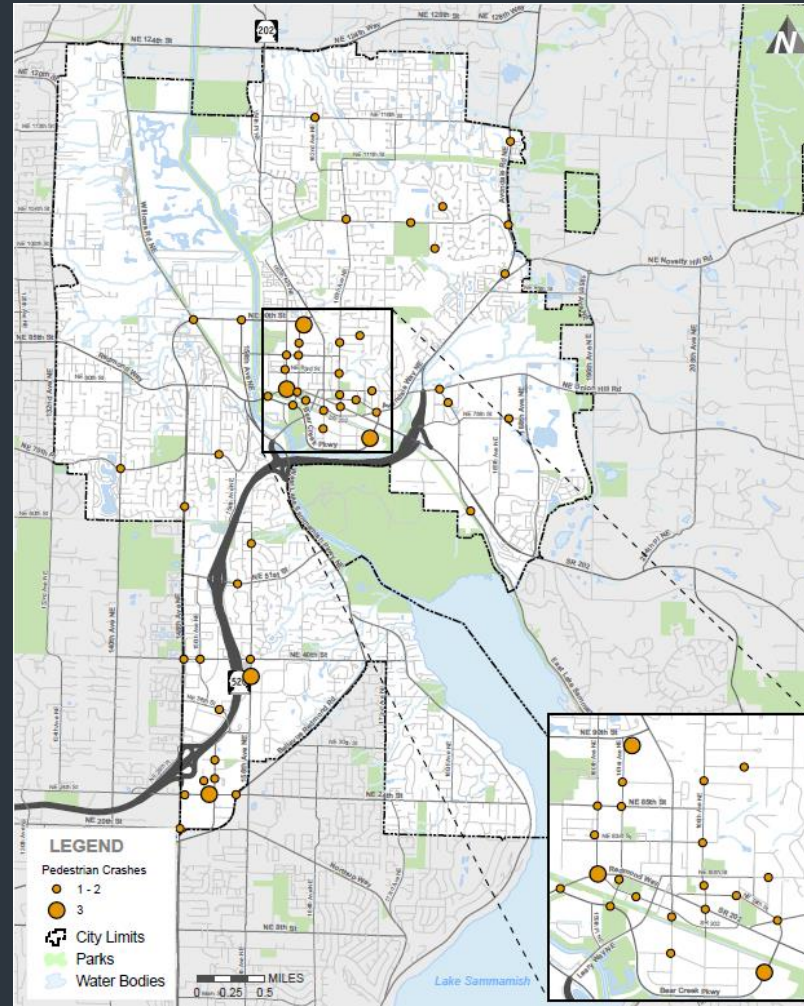
Local Road Safety Plan (LRSP)

- Proactive data-driven approach to address fatal and serious injury crashes
- Analyze individual collisions to identify the factors present and look for common trends in roadway/infrastructure factors
- Create prioritized list of roadway locations where identified factors are present
- Develop prioritized list of projects
- *Required for WSDOT City Safety Grant Program*

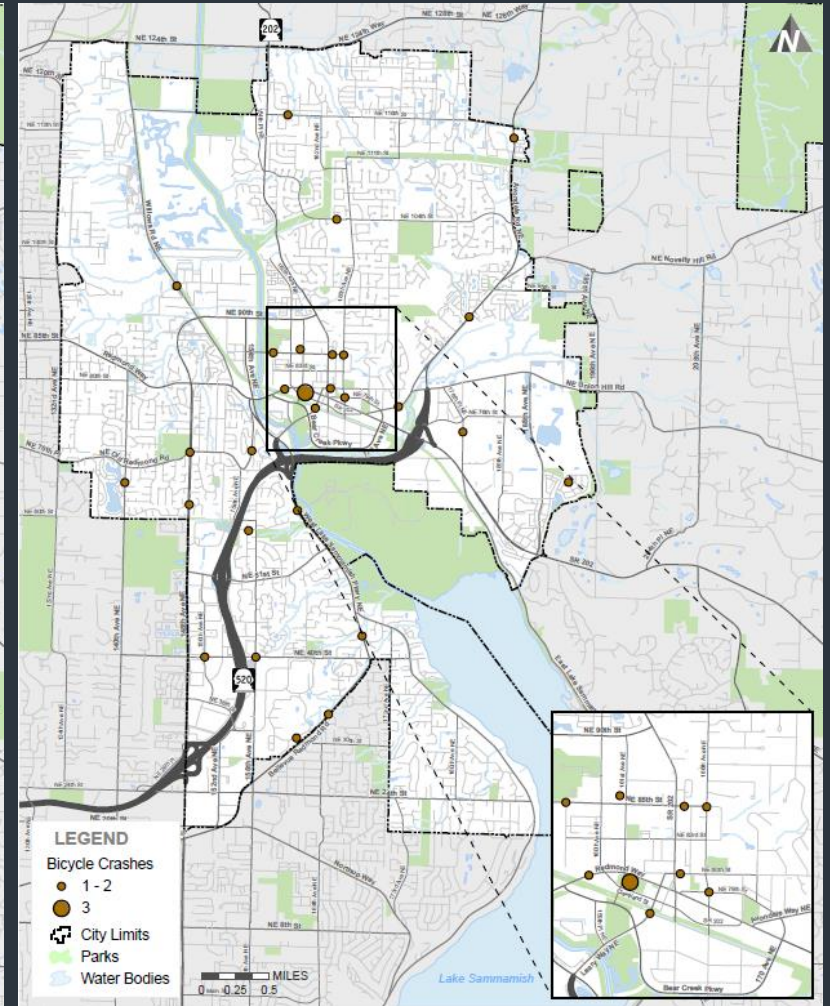
Work Just Getting Started



Serious and Fatal Crashes
2016-2020



Pedestrian Crashes
2016-2020



Bicycle Crashes
2016-2020

Preliminary data analysis

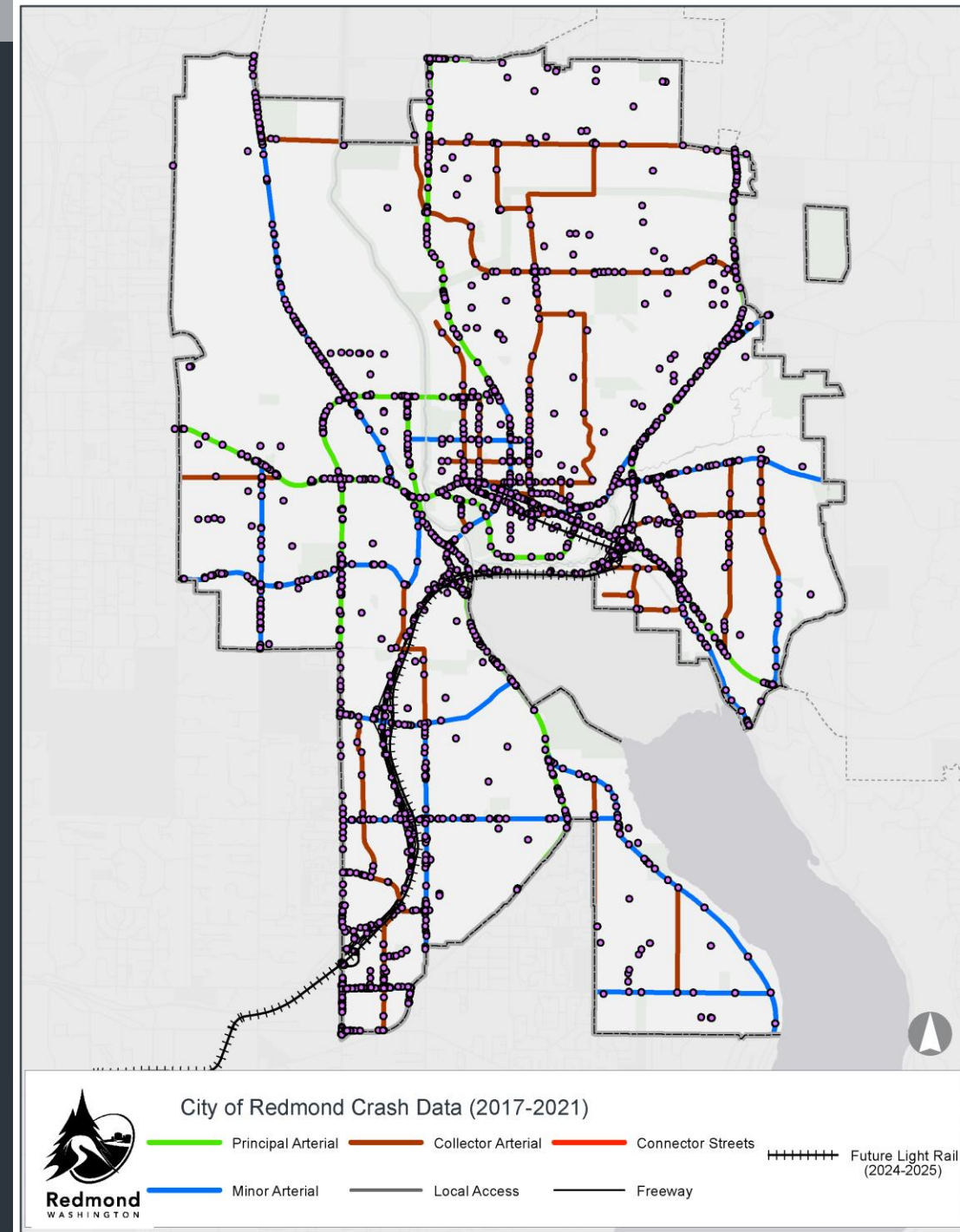
2016-2020 Data	Fatal/Serious Injury Crashes Only																	
	All WA Roads		WA All Cities		Westside Cities		REDMOND											
	2016-2020	%	2016-2020	%	2016-2020	%	2016-2020	%	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
Overall Numbers																		
Total # of Collisions	12,358	-	5,246	-	4,234	-	53	-	7	6	16	7	17	11	6	7	11	3
# of Fatal Collisions	2,586	20.9%	751	14.3%	595	14.1%	7	13.2%	0	1	2	1	3	4	0	1	3	1
# of Serious Injury Collisions	9,771	79.1%	4,494	85.7%	3,638	85.9%	46	86.8%	7	5	14	6	14	7	6	6	8	2
# of Drug/Alcohol-Related Collisions	2,082	16.8%	757	14.4%	579	13.7%	3	5.7%	0	0	1	0	2	1	1	0	0	1
Total # of Fatalities	2,761	-	786	-	627	-	7	-	0	1	2	1	3	4	0	1	3	1
Total # of Injuries	16,645	-	6,843	-	5,530	-	64	-	7	12	19	6	20	11	7	6	15	3

Initial analysis of data available by WSDOT show the following data-based risk factors:

- Ped/Bike crashes in existing marked crosswalks
- Signalized intersections
- 30-35 mph roadways
- Two-way divided roadways

Developing a City Safety Strategy

- Proactive approach to prioritize projects by developing a Safety Level of Service (LOS) tool
- Metrics based on the LRSP





Suggested Next Steps

- Coordination for SS4A grant
- Community engagement for Local Road and Safety Action Plan
- Future staff report on data findings and public feedback to develop draft plan
- Finalize plan document



Thank You

Any Questions?

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