

# TRANSPORTATION MASTER PLAN UPDATE

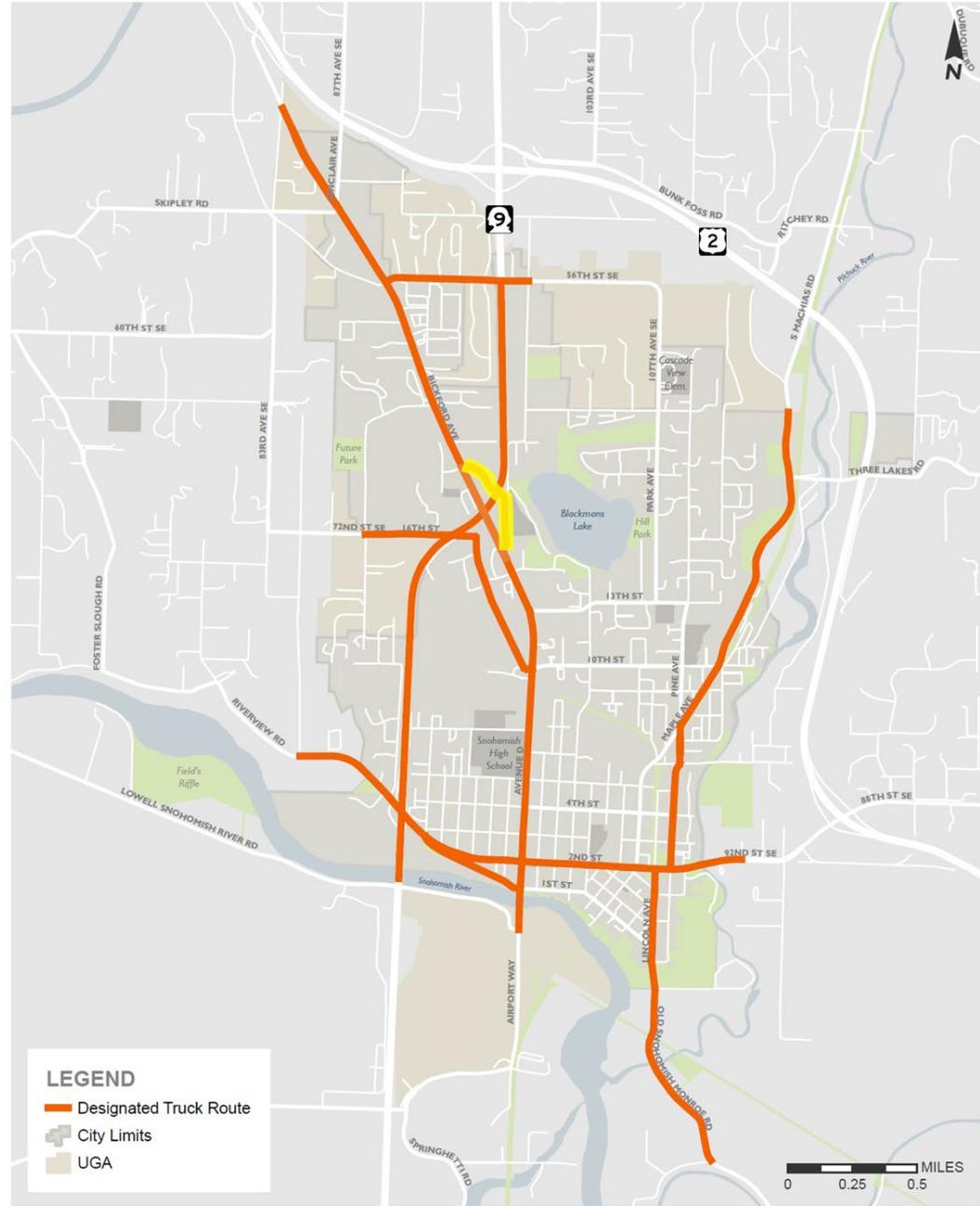


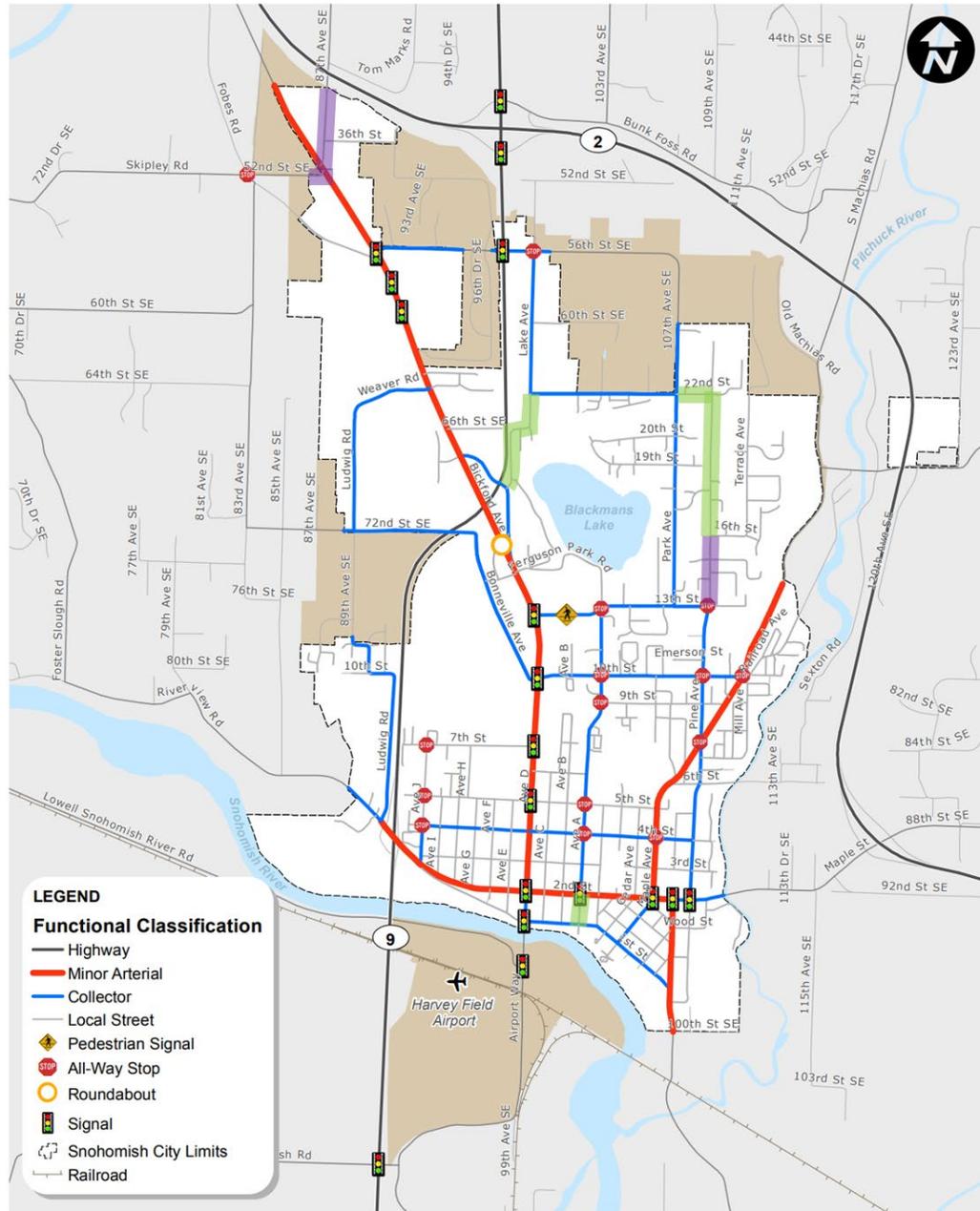
July 2<sup>nd</sup> 2024

# Cohesive Planning

- Comprehensive Plan
- Complete Streets
- Multimodal Improvement
- Local Road Safety Plan
- Growth Forecasting
- Urban Growth Area
- Zoning and Density
- State Mandates



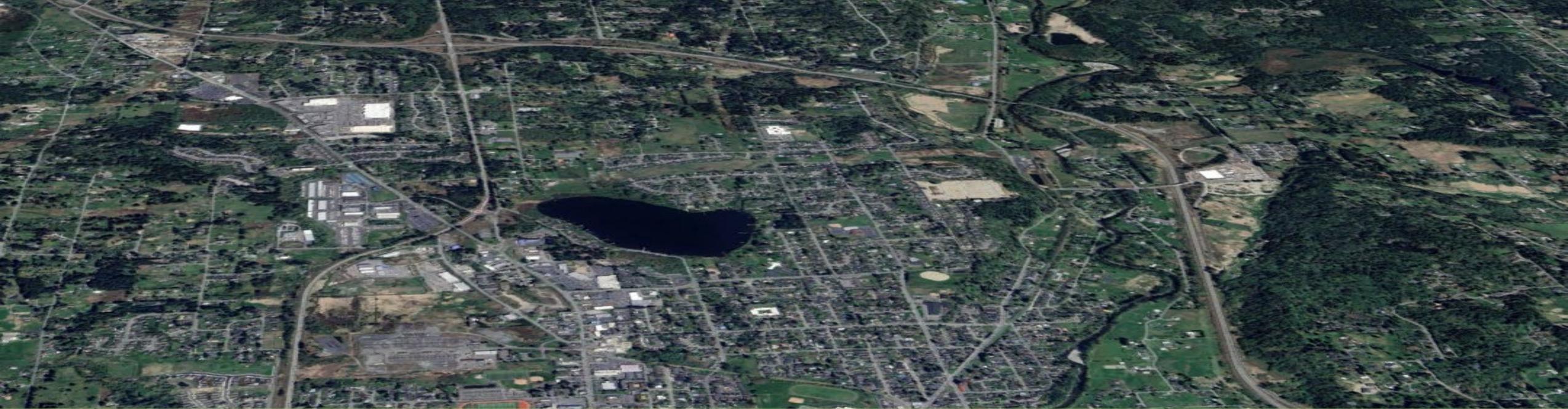




Roadway Functional Classification and Intersection Traffic Control  
 City of Snohomish Transportation Element Update

FIGURE 1-2





# CITY OF SNOHOMISH TRANSPORTATION MASTER PLAN

City Council Presentation

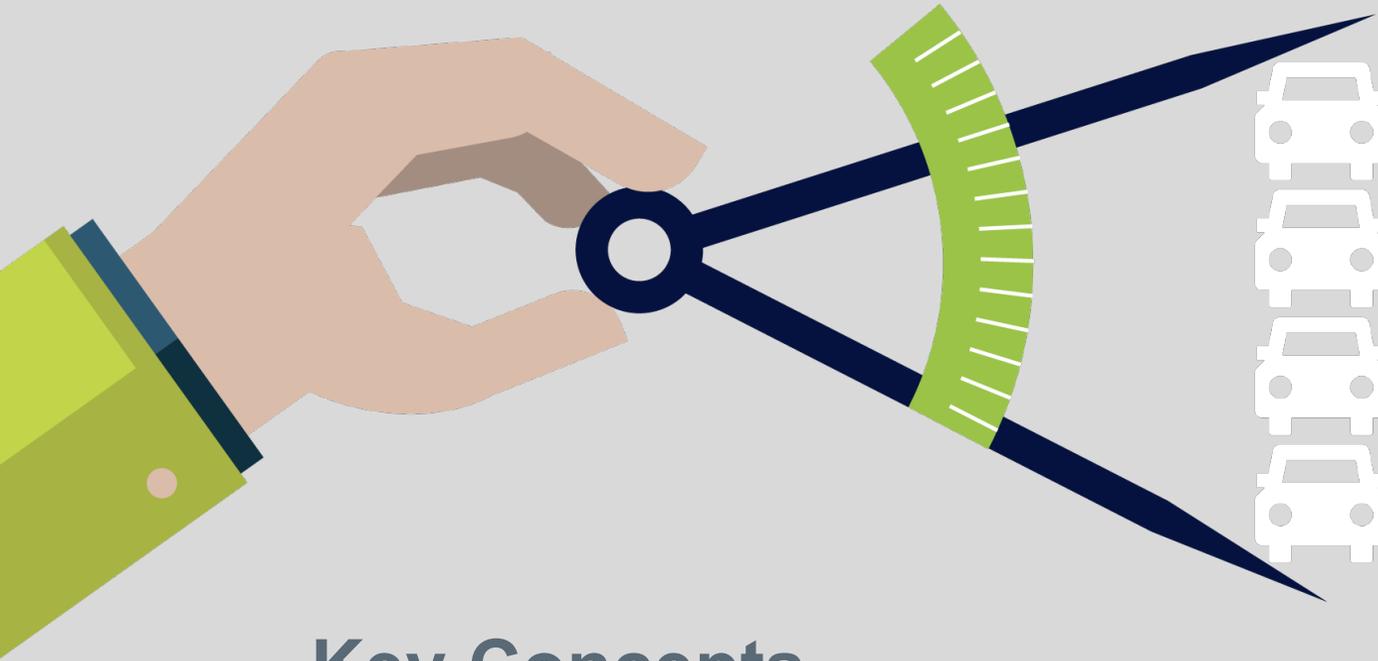
July 2, 2024

transpogroup   
WHAT TRANSPORTATION CAN BE.

# OVERVIEW – PLAN UPDATE

- Existing Conditions
- Multimodal LOS Standard & Analysis
- 20-Year Project Map
- Next Steps

# YOU GET WHAT YOU MEASURE



**Inadequate  
Metrics  
Result in  
Inadequate  
Outcomes**

## **Key Concepts**

- WA Comprehensive Plan and Concurrency Requirements
- Traditional Vehicular LOS Standards & Perspectives
- Outcomes Resulting from Inadequate Tools & Metrics

# SNOHOMISH MULTIMODAL LOS (MMLoS) STANDARD

## Vehicles

- HCM Delay at Intersections

## Active Transportation Networks & Transit Access

- Sidewalks, Bikeways, Off-Road Trails
- Primary Network
- Secondary Network
- Degree of completeness and/or whether it meets City street standard
- City: ADA Accessibility, Crossings, Amenities

# Intersection Operations

# LAND USE AND GROWTH TRIPS

## Land Use

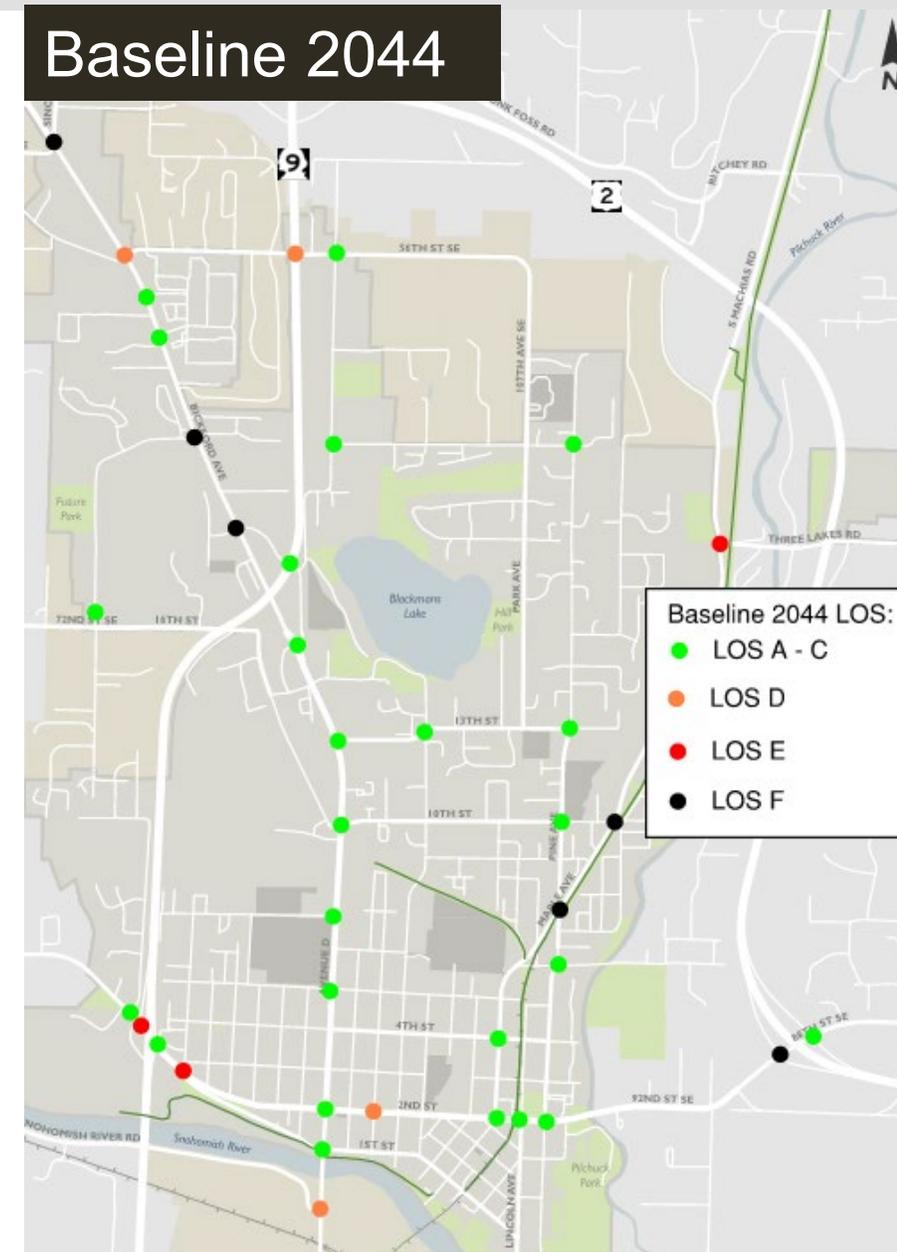
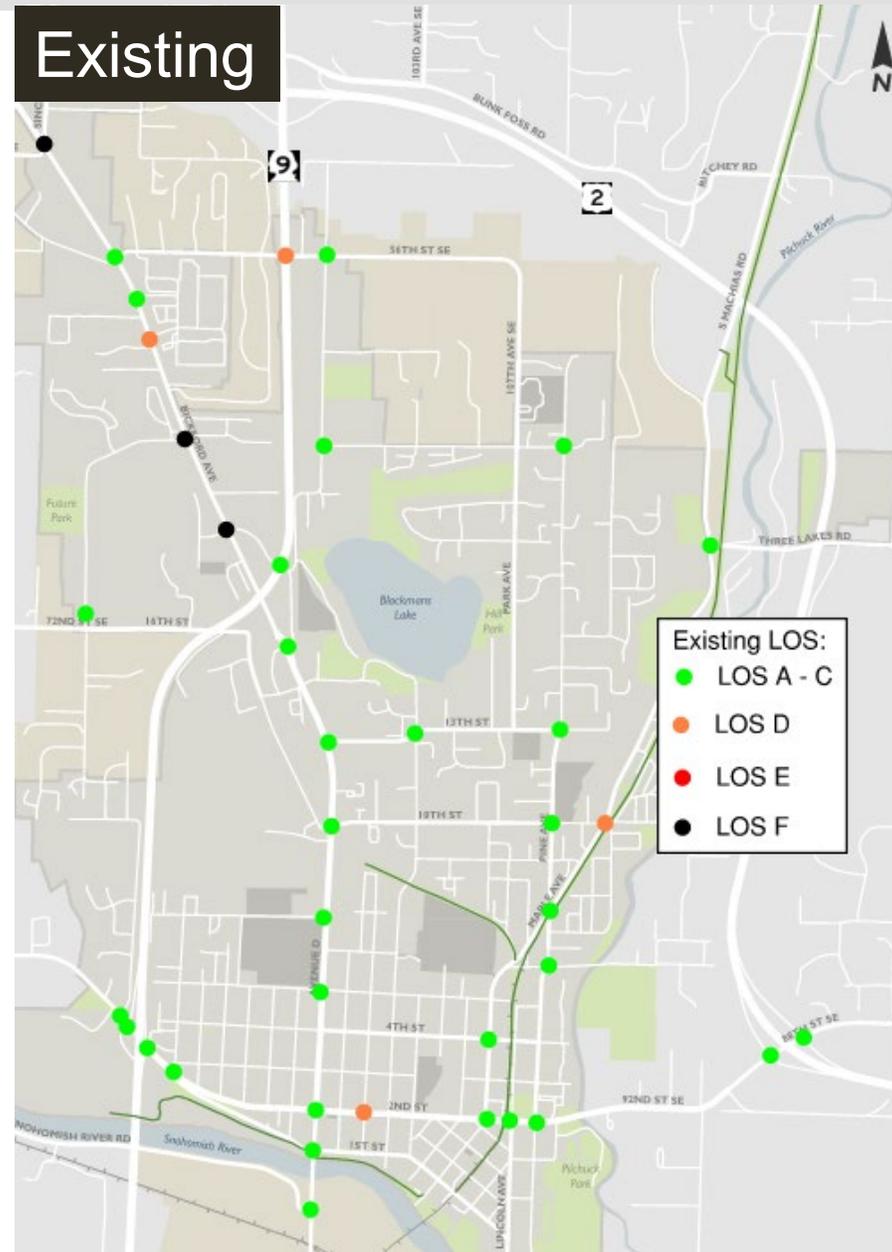
Land Use Type	Existing	Baseline 2044	Updated Growth Model
Housing Units	5,026	7,276	13,223
Jobs	4,488	7,145	7,145

## PM Peak Hour Trips

Year	Baseline 2044	Updated Growth Model
Forecast 2044	16,776	25,778
Existing 2022	11,823	11,823
Increase - Trips	+4,953	+13,955
%Increase over Existing	42%	118%

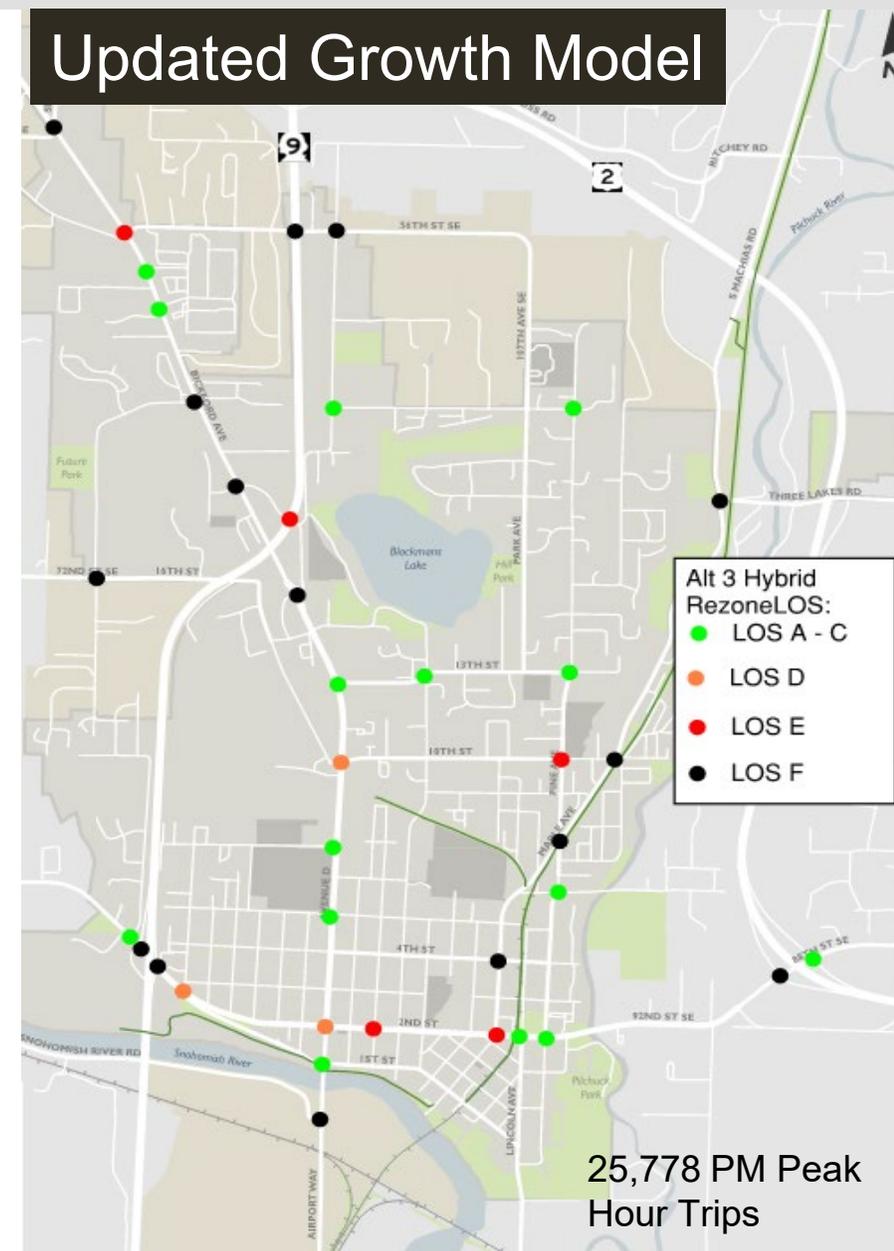
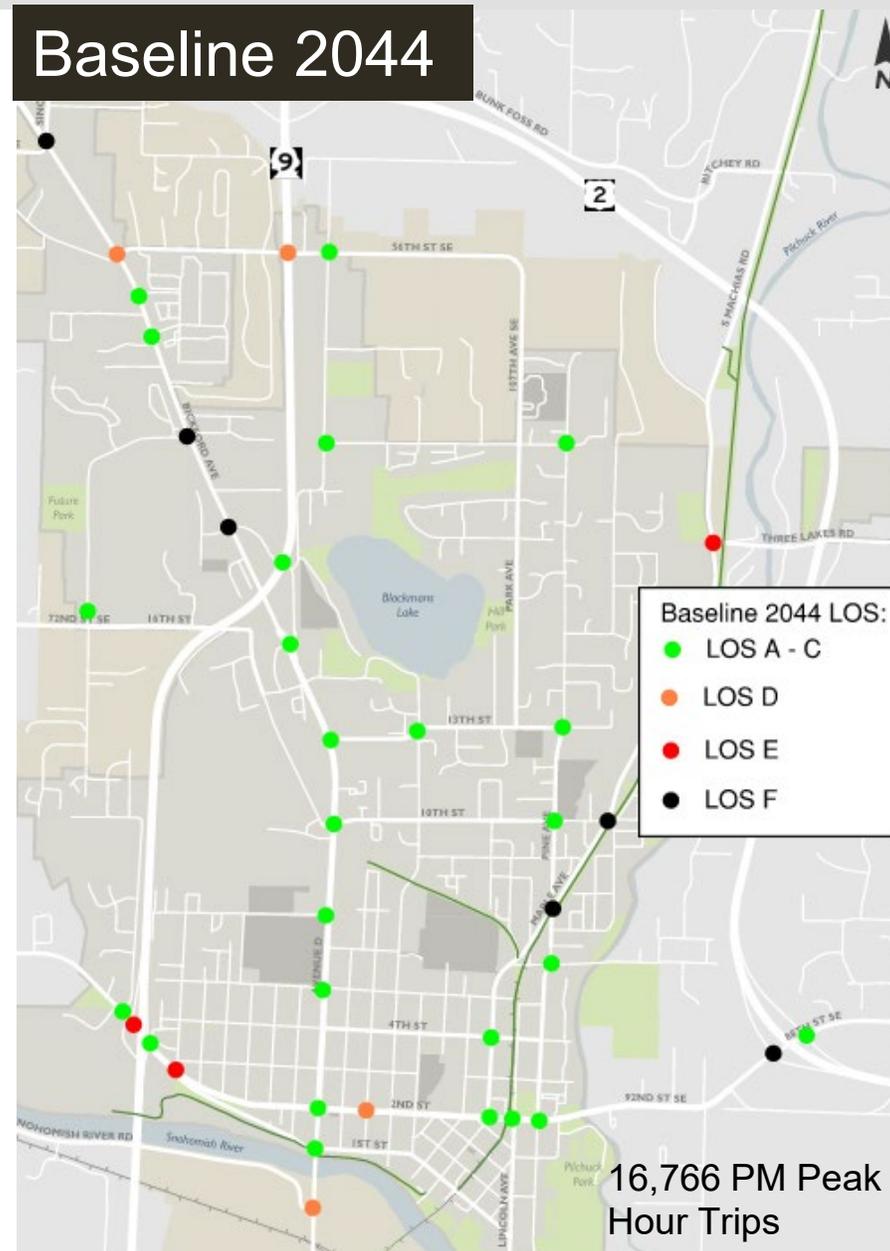
# MULTIMODAL LOS (MMLoS) – VEHICLE MODES

- Identify existing LOS for vehicle delay at intersections
- Identify future LOS for vehicle delay at intersections without improvements



# MULTIMODAL LOS (MMLOS) – VEHICLE MODES

- Identify future LOS for vehicle delay at intersections without improvements based on updated changes to state and local development standards
- Improvements identified to support growth

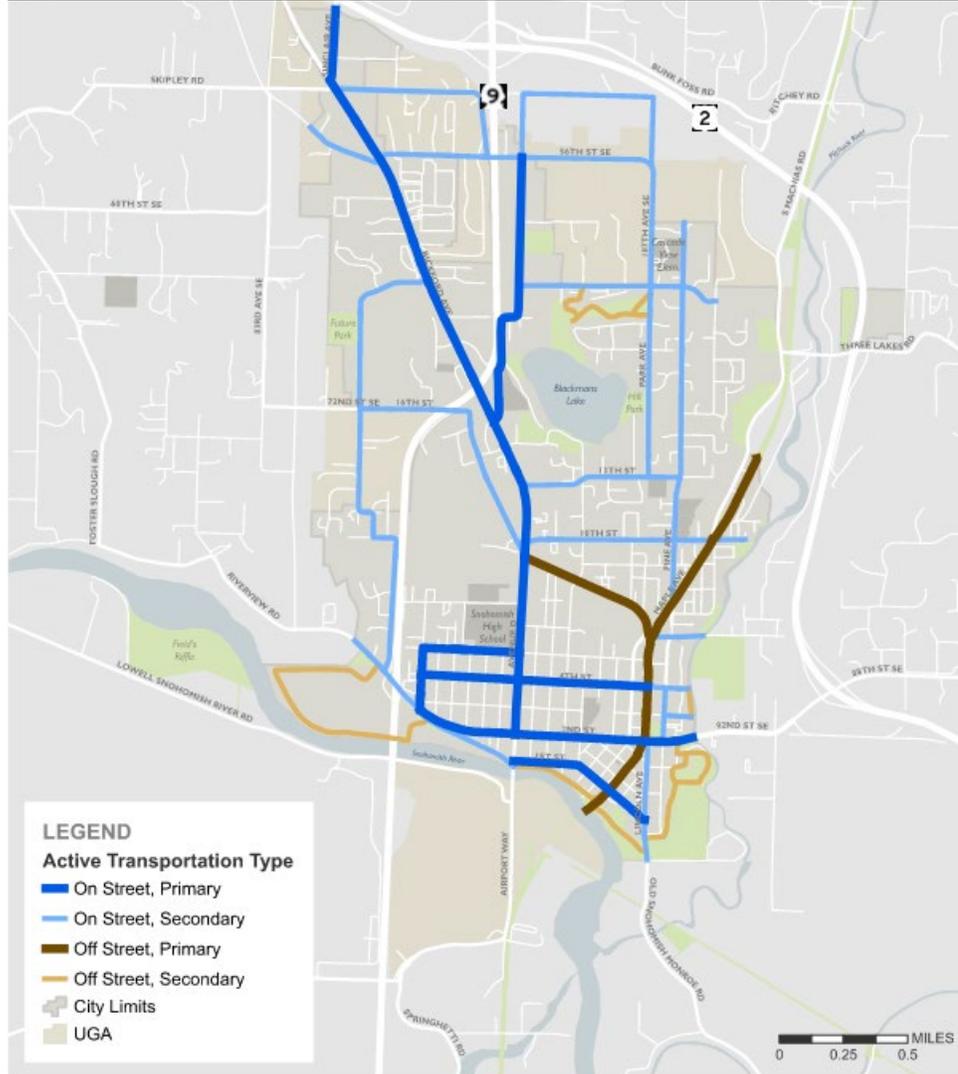


# Non-Motorized Operations

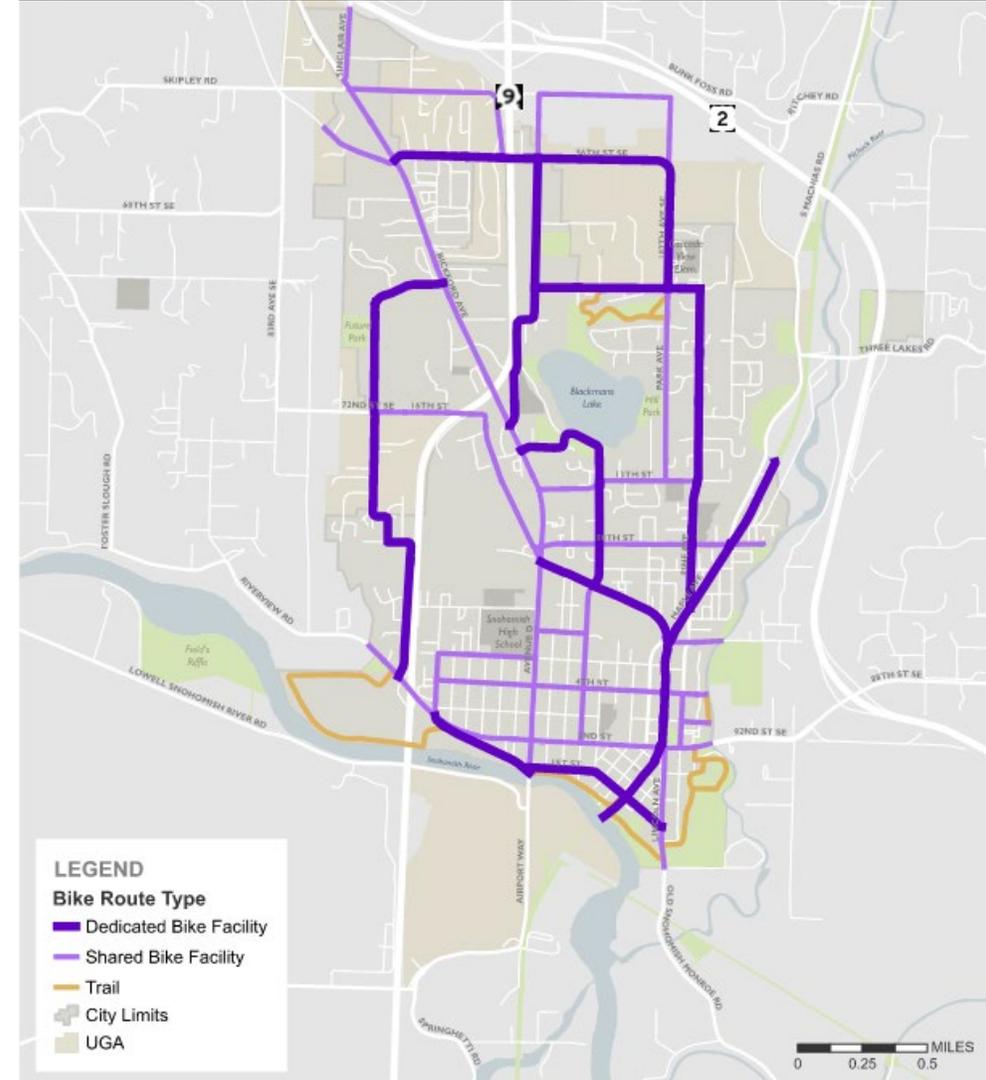
# MULTIMODAL LOS (MMLLOS) – PED/BIKE MODES

- Develop system-level networks for ped & bike modes

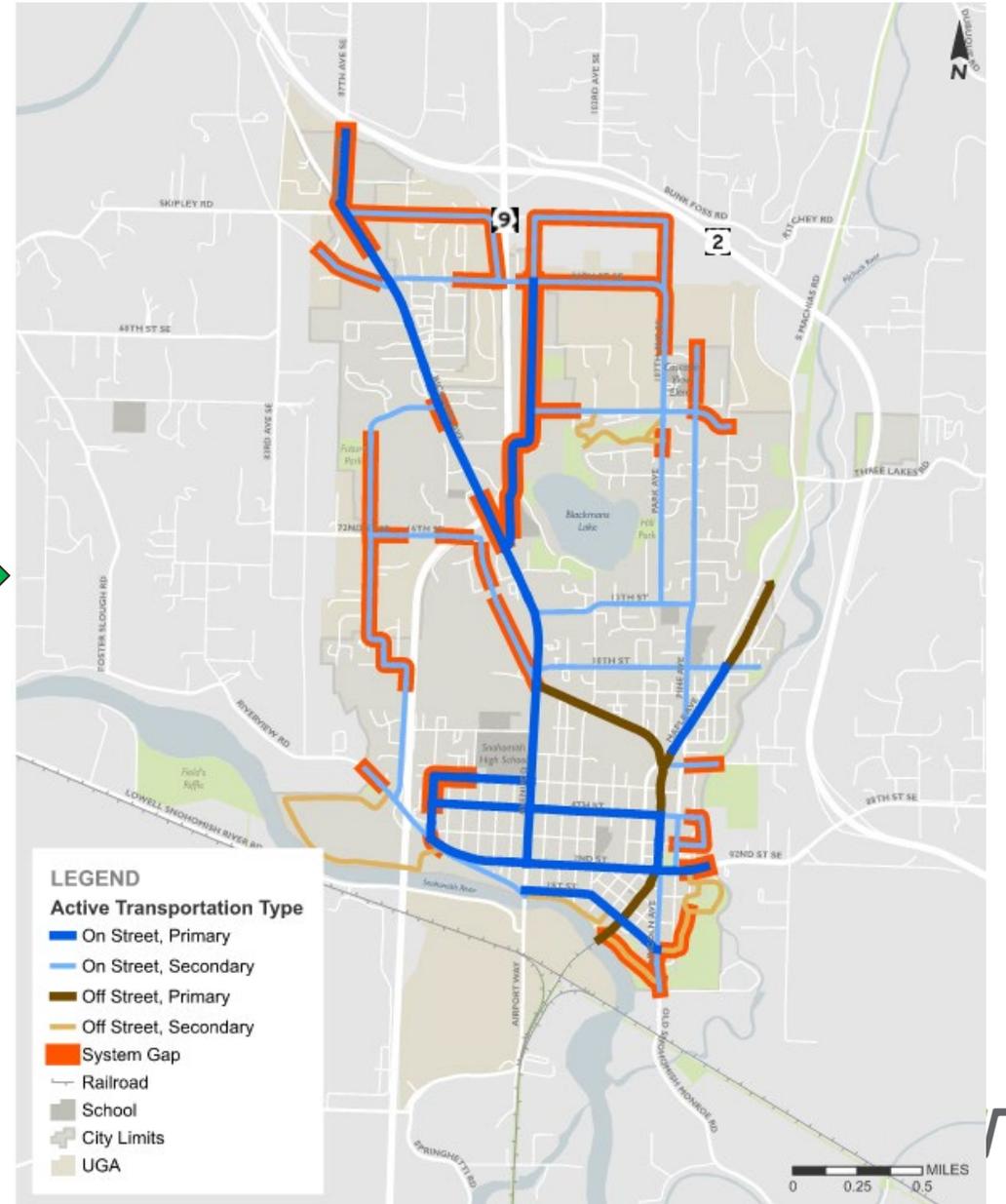
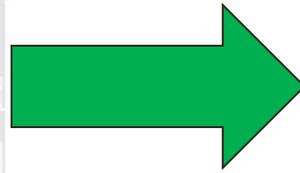
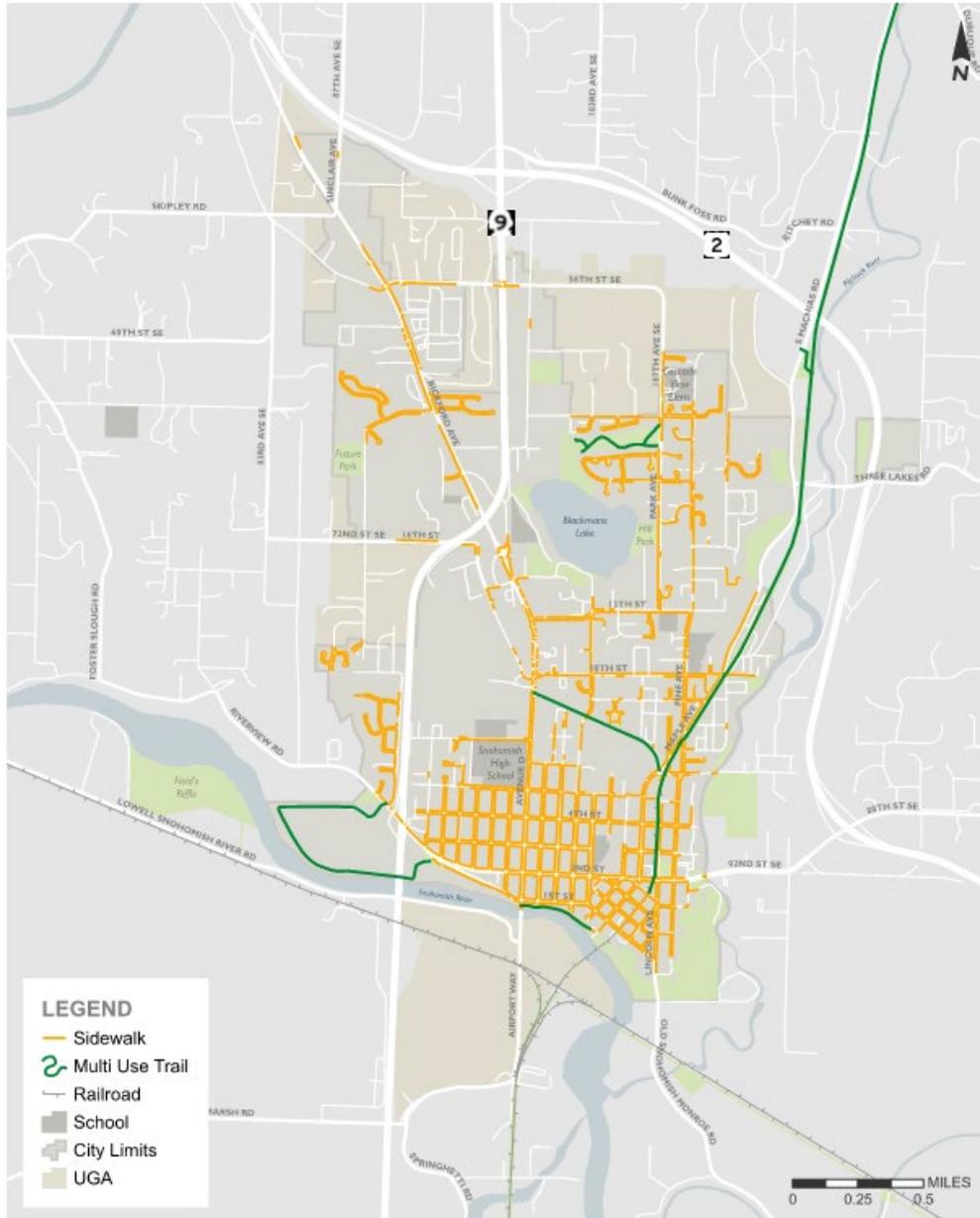
## Pedestrian Network



## Bicycle Network



# PEDESTRIAN GAPS ANALYSIS



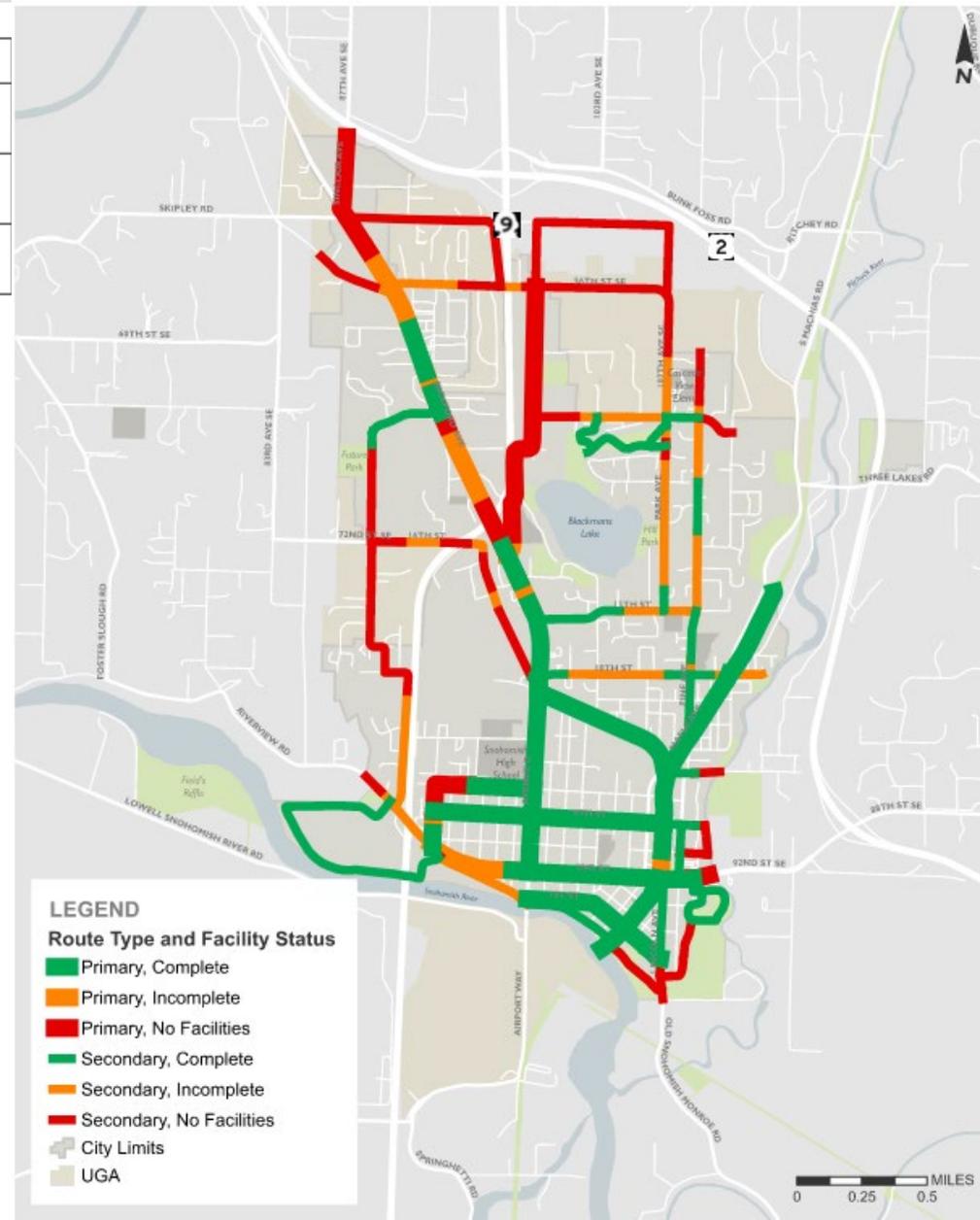
# MULTIMODAL LOS (MMLoS) – PEDESTRIAN SYSTEM

- Identify gaps in network not up to LOS standard for each mode
- Identify improvements needed to bring network up to LOS standard for each mode

LOS	Primary Route	Secondary Route
	Meets City standards, facilities on both sides	Meets City standards, facilities on one or both sides
	Facilities exist, but only on one side	N/A
	No facilities exist, does not meet standards	No facilities exist, does not meet standards

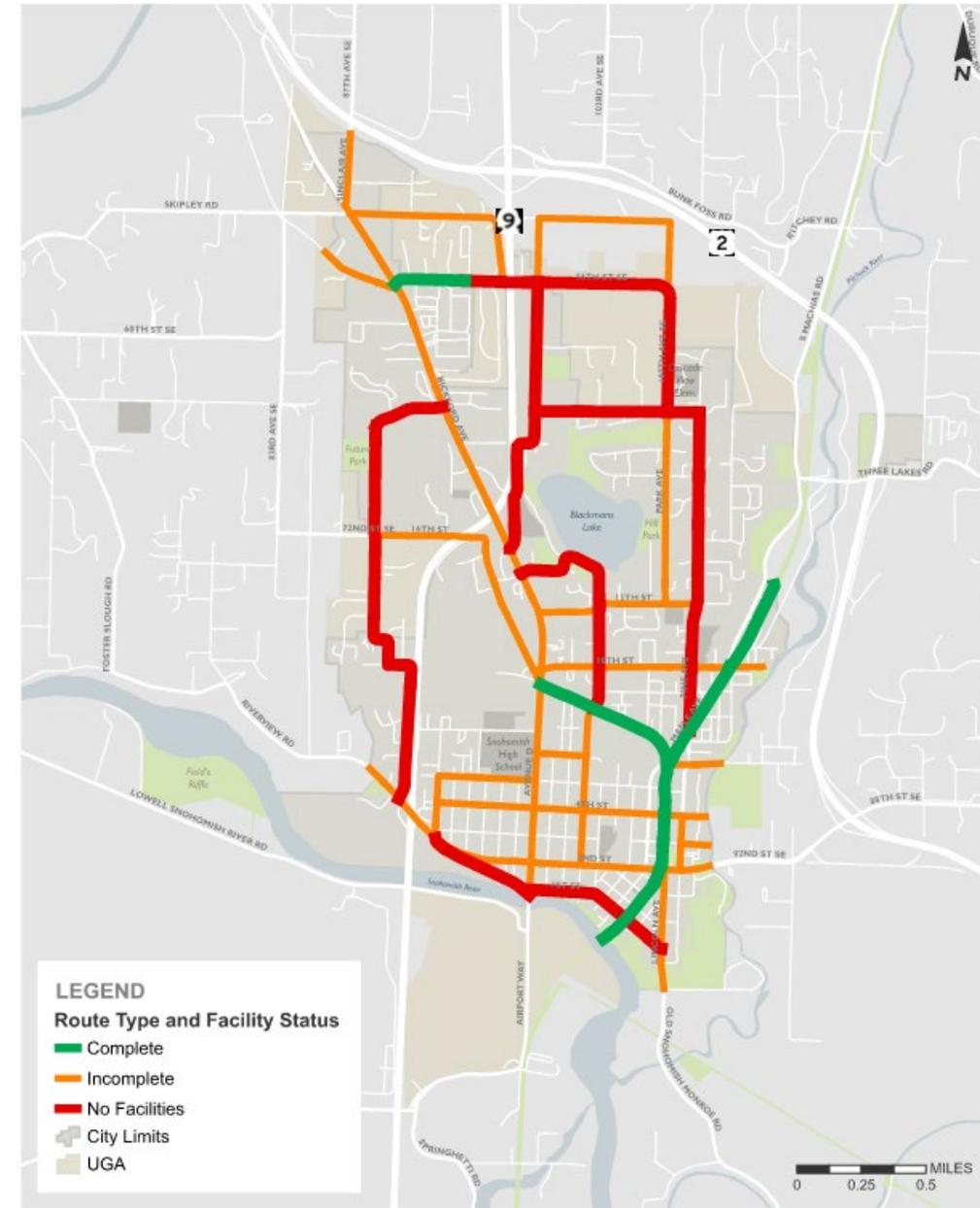
## Additional Work:

- Sidewalk, bikeway, or trail segments needing improvement can be scored or weighted for project prioritization
- Multimodal TIF project list
- Concurrency mitigation
- Programming in 6-Year TIP
- Inclusion in grant applications



# MULTIMODAL LOS (MMLoS) – BICYCLE SYSTEM

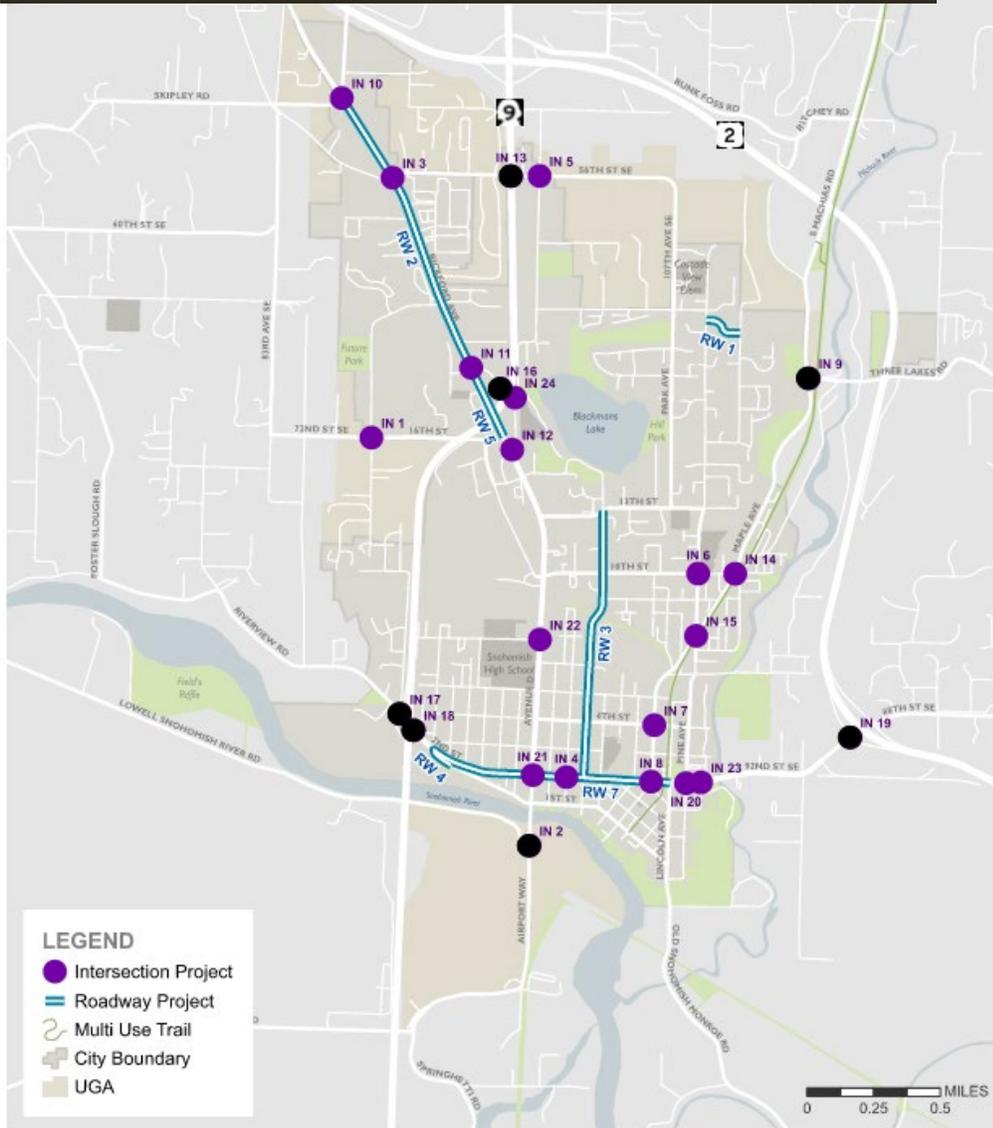
- Identify gaps in network not up to LOS standard for each mode
- Identify improvements needed to bring network up to LOS standard for each mode



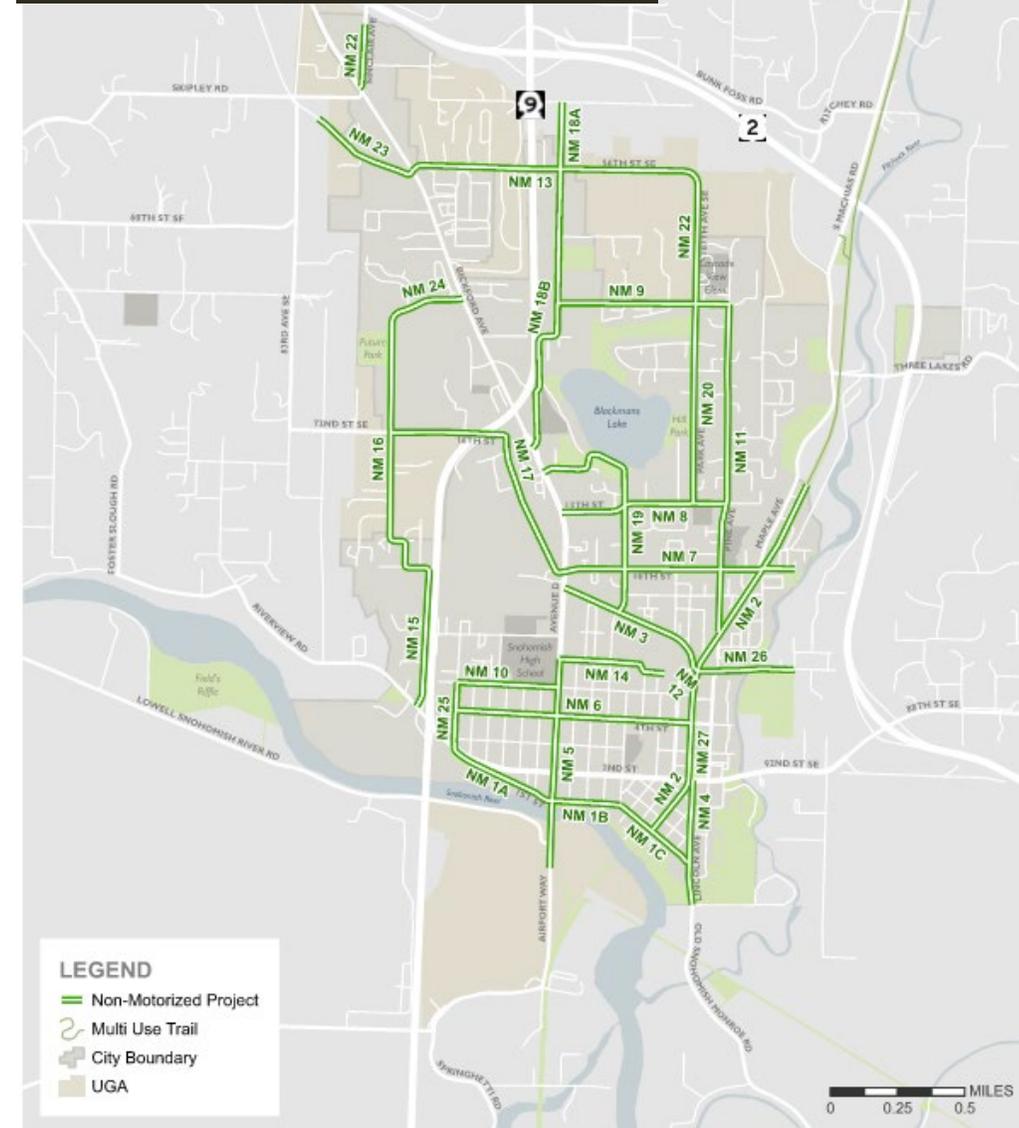
# Planned Improvements

# IMPROVEMENT MAPS

## Intersection & Roadway



## Non-Motorized



# PLANNED IMPROVEMENT BACKGROUND

Plan Year	Number of Improvements Identified	Project Type Breakdown
2016	15	8 Intersection 2 Corridor 5 Active Transportation
2024	61	24 Intersection 7 Corridor 30 Non-Motorized
Difference	46	-

- Recent changes to the GMA allow for the inclusion of non-motorized improvements in the transportation impact fees and long-range planned improvements

# NEXT STEPS

- Existing Transportation Conditions – **Completed!**
- Travel Demand Model Update – **Completed!**
- Transportation Systems Improvement Projects – **Draft Complete!**
- Transportation Policies & LOS Standards Review – **Completed!**
- Finance & Implementation Program/TIF Update – **In Process**
- Transportation Element & TMP Documentation – **In Process**
- Community Engagement Program – **In Process**

Questions?