



Clackamas Co. Transit Development Plan &
Last Mile Shuttles Project
Tualatin City Council - September 14, 2020

Project Overview

The TDP will **guide transit investments** in Clackamas County and **guide investments under the House Bill 2017** Statewide Transportation Improvement Fund (STIF) by:



Identifying connections to area with no service



Providing a coordinated vision for transit service



Taking actions to improve transit use


Within TriMet's service area in Clackamas County, the TDP will:


- Provide detailed analysis and level of service information
- Inform future STIF plans
- Inform TriMet service implementation


In unincorporated Clackamas with no transit providers, the TDP will:


- Recommend how transit service providers can cover these areas in the future
- Understand how existing transit services can be better connected

2020


 1 - Project Management | **Throughout**


 2 – Public Engagement Plan and Existing Conditions | **Winter**

 3 – Need Analysis | **Spring**

 4 - Future Service Opportunities and Evaluation | **Summer**

 5 – Draft Clackamas County TDP | **Fall**

 6 – Final Clackamas County TDP | **Winter**

 7 – TDP Adoption | **Winter**

2021

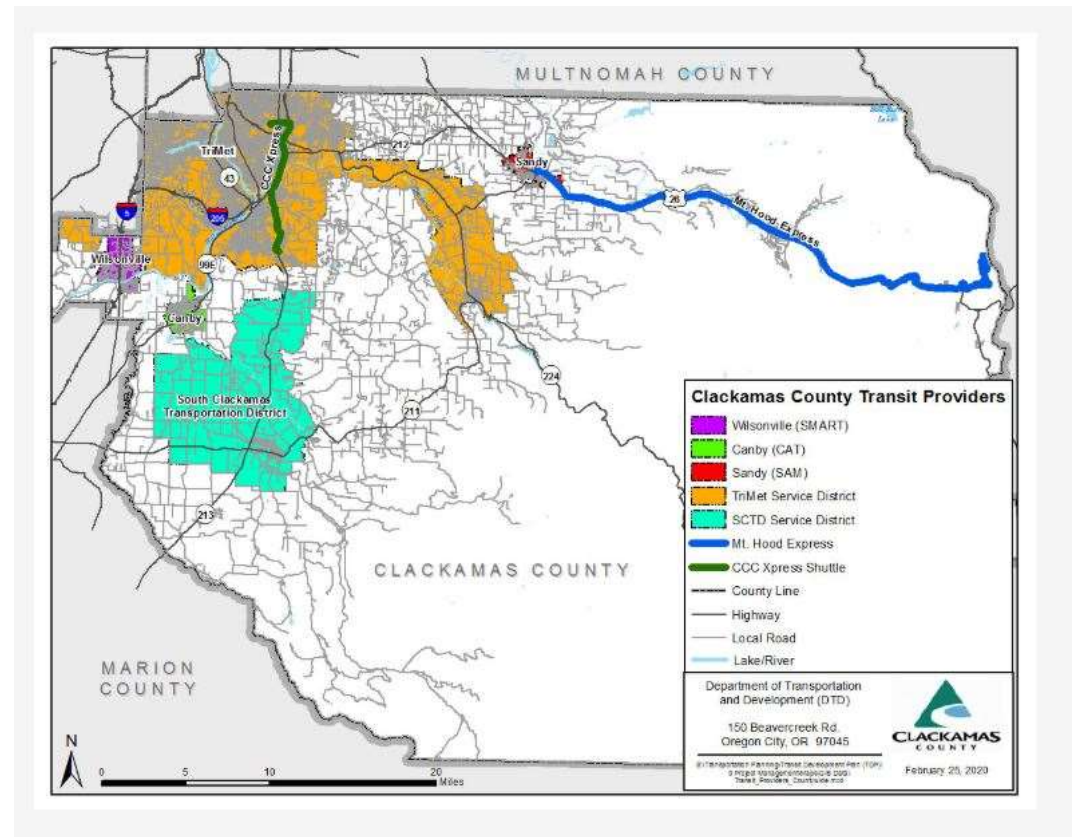
Project Tasks and Schedule

Clackamas County Transit Development Plan

With seven transit service providers in Clackamas County, there are still large areas of the county with no transit service, and existing service varies in frequency, access and connectivity.

To set the stage for improved and increased transit throughout the county, the Department of Transportation & Development is working with the community, transit providers and partners to study the status of transit in the county and create a Transit Development Plan. The final plan, which will be used to guide transit investments in the county, will include:

- A vision for connected and coordinated transit service, and
- Recommendations for actions to improve transit.



Project Website:
www.clackamas.us/planning/transit

Transit Service & System Overview

Providers

Canby Area Transit (CAT)

Clackamas Community College

Xpress Shuttle

Clackamas County *Mt Hood Express*

Sandy Area Metro (SAM)

South Clackamas Transportation District
(Molalla)

South Metro Area Regional Transit
(SMART - Wilsonville)

TriMet

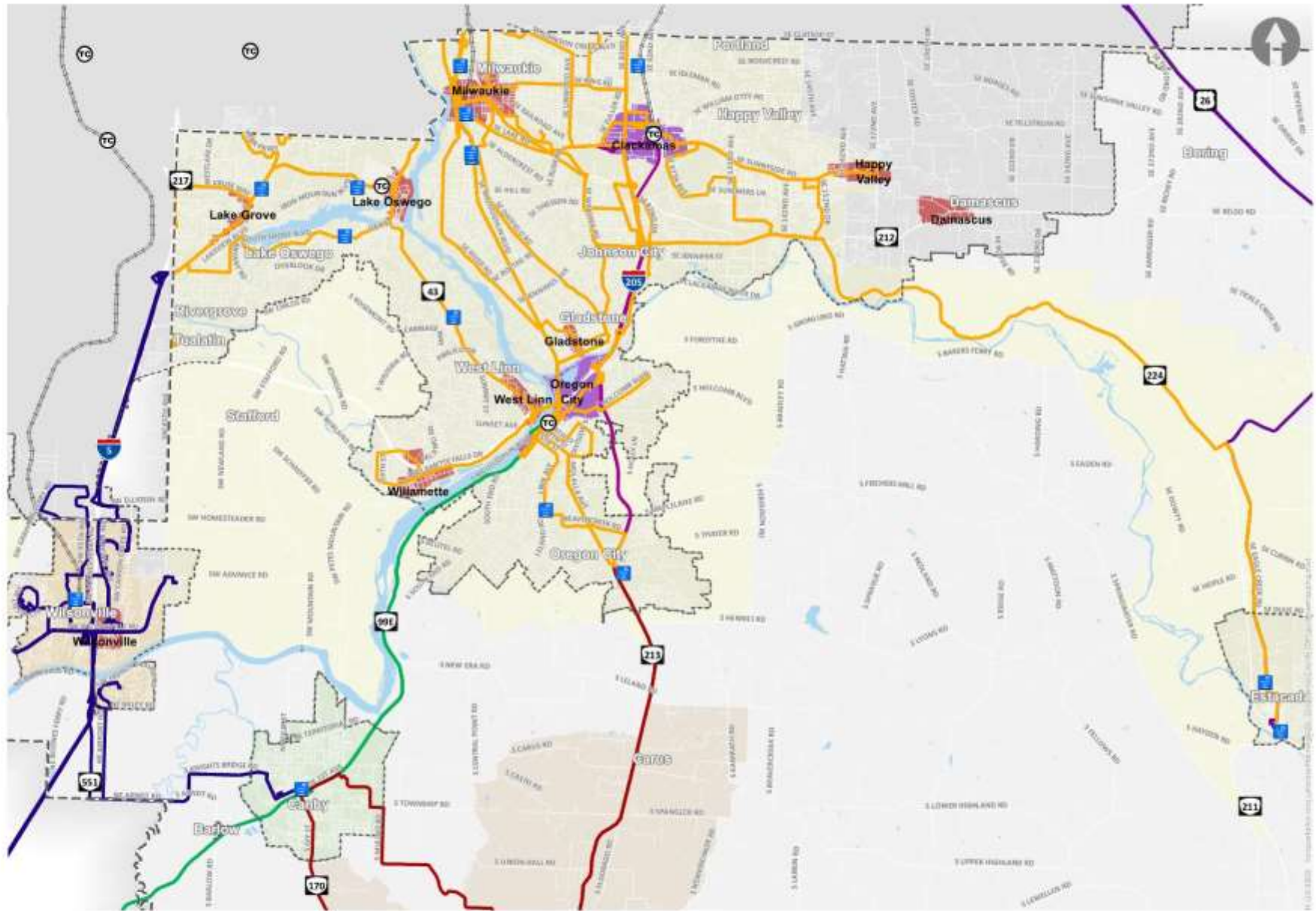
In Clackamas County, there are:

- **46** fixed-route bus, shuttle, light rail and commuter rail routes
 - **26** operate on Saturdays
 - **19** operate on Sundays
- **18** formal and informal park & ride facilities
- Paratransit and non-profit demand-response services
 - TriMet LIFT, Ride Connection, etc.
- Other programs that complement fixed-route service
 - Get There Oregon, RideWise, etc.



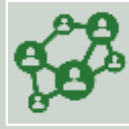


- TriMet Transit Centers
- Park and ride lots
- TriMet Bus Routes
- South Clackamas Transit District (SCTD) Routes
- Canby Area Transit (CAT)
- Sandy Area Transit (SAM)
- South Metro Area Regional Transit (SMART) Routes
- Mt Hood Express Routes
- CCC Xpress Shuttle Routes
- Existing TriMet Rail
- Regional Center
- Town Center
- Canby Area Transit
- Sandy Area Transit
- South Clackamas Transportation District (SCTD)
- South Metro Area Regional Transit (SMART)
- Tri-County Metropolitan Transportation District of Oregon (TriMet)
- Urban Growth Boundaries
- County Boundary



Transit Overview
Clackamas County Transit Development Plan

Project Goals



Enhance Connectivity



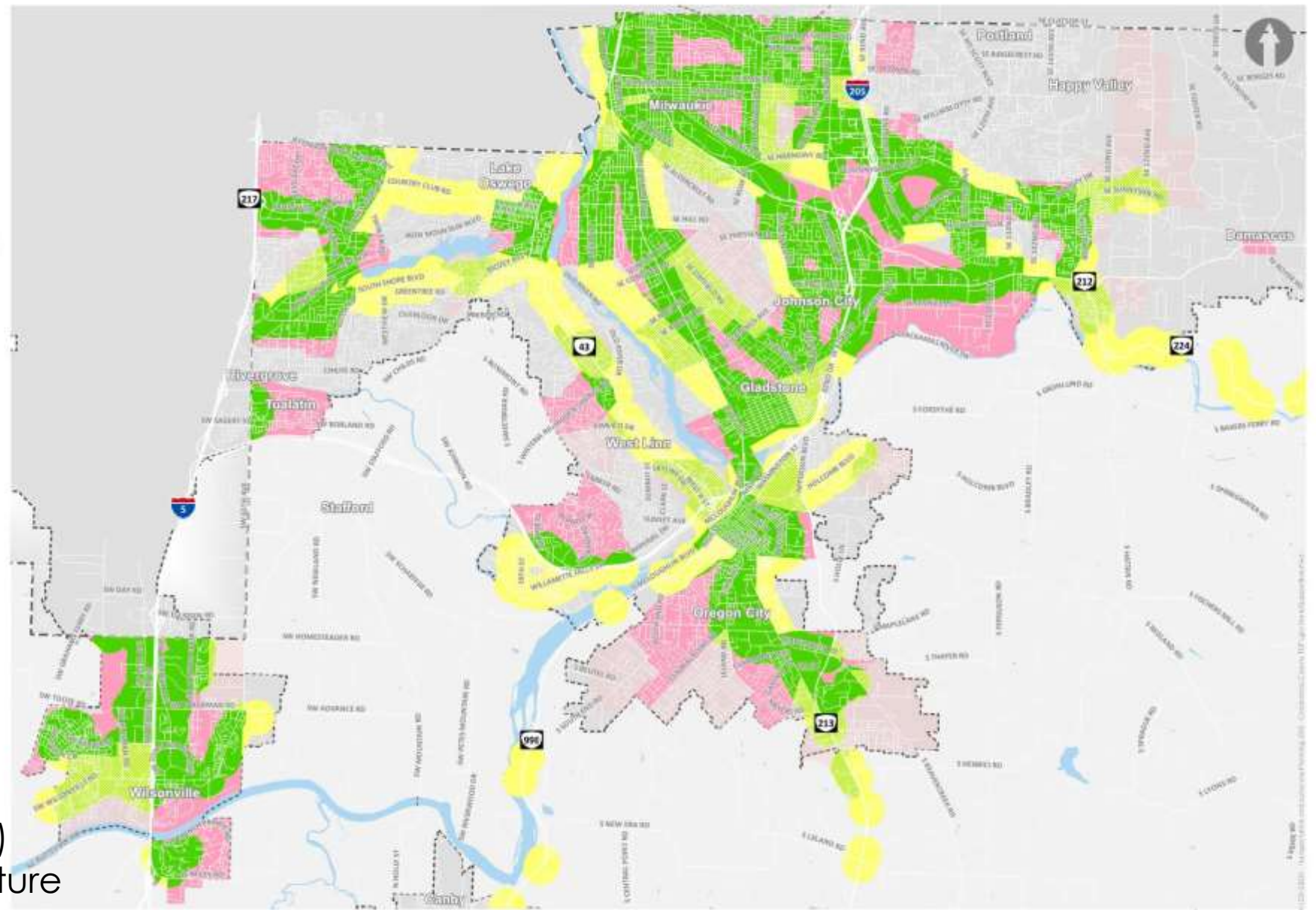
Prioritize Equity, Health & Safety



Promote Sustainability



Improve Customer Experience and Mobility



Emerging Issues:

- There are currently Transit Supportive areas within the Trimet district that do not have service (dark pink areas)
- There will be more in the future (light pink areas)



Transit Supportive Areas
Clackamas County Transit Development Plan

Service Area Demographics

Clackamas County, and cities within the county, have been growing – and are projected to continue growing

Place	Population (2000)	Population (2010)	Population (2017)	Pop Growth (2000 – 2017)	% Change (2000 – 17)	Annual % Change
Clackamas County	338,391	375,992	399,962	61,571	18.2%	1.1%
Oregon City	25,754	31,859	35,483	9,729	37.8%	2.2%
Tualatin	22,666	26,054	27,135	4,469	19.7%	1.2%
Wilsonville	13,991	19,509	22,789	8,798	62.9%	3.7%
Happy Valley	4,519	13,903	18,477	13,958	308.9%	18.2%
Molalla	5,647	8,108	8,987	3,340	59.1%	3.5%
Sandy	5,385	9,570	10,581	5,196	96.5%	5.7%

Source: Portland State University Population Research Center

Employment and Commute Patterns

County Resident Work Locations

County Resident Work Locations	Count	Share
Portland	56,985	31.8%
Oregon City	7,378	4.1%
Beaverton	7,305	4.1%
Tigard	7,063	3.9%
Lake Oswego	6,320	3.5%
Gresham	6,001	3.4%
Wilsonville	5,381	3.0%
Tualatin	5,281	3.0%
Milwaukie	5,224	2.9%
Hillsboro	4,253	2.4%
All Other Locations	67,753	37.9%

County Employee Home Locations

County Employee Home Locations	Count	Share
Portland	27,295	17.7%
Gresham	6,696	4.3%
Oregon City	6,536	4.2%
Lake Oswego	4,032	2.6%
Beaverton	3,759	2.4%
West Linn	3,616	2.3%
Tigard	3,377	2.2%
Canby	3,347	2.2%
Milwaukie	3,036	2.0%
Wilsonville	3,034	2.0%
All Other Locations	89,455	58.0%

Commute Patterns for Clackamas County Residents and Employees, LEHD 2017

- Portland is the most common destination for employed county residents. Portland is also the most common home location for employees working in Clackamas County.
- Four of the top 10 locations for employed county residents are cities in Washington County.
- Just over half of all employed Clackamas County residents and employees in Clackamas County commute 10 miles or less to reach work.

Needs
Overview:
Jobs;
Regional
Corridors

Jobs: Few direct connections from the county to:

- Major employment areas in Gresham, Washington County and Wilsonville
- Clackamas Industrial Area
- Areas of expected land use growth near Wilsonville / Stafford, Oregon City and Damascus / Boring

Regional corridors without transit service:

- OR 212 between Clackamas Industrial Area and Damascus/Boring
- Interstate 205 between West Linn and **Tualatin** / Wilsonville
- Connection between Happy Valley and Gresham

Needs Overview: Areas Lacking Transit

Intercommunity connections without transit service or connectivity:

- Highway 212 to Damascus and Boring
- Damascus-Gresham
- Happy Valley-Gresham
- **Tualatin-West Linn-Oregon City**
- Highway 211 between Estacada-Molalla-Woodburn

Communities without transit access:

- Damascus
- Boring
- Estacada
- Eagle Creek
- Clackamas Industrial Area
- Additionally, much of Happy Valley has no transit access



New Connections

Hwy 212 to Damascus/Boring
Future C2C to Gresham
Along I-205
Between Hwy 211
communities
Cesar Chavez and 82nd Ave



New Local Service


Damascus
Boring
Estacada / Eagle Creek
Clackamas Industrial Area




Additional Transit Service

Happy Valley
Oregon City
Canby


Common Identified Needs


 Transit-Supportive Areas Without Transit

 Transportation Disadvantaged Populations


 Major Job Centers


 Future Land Use Growth Areas


 Communities Without Local Transit Service


 Transit Needs Identified in TriMet and Metro Regional Plans

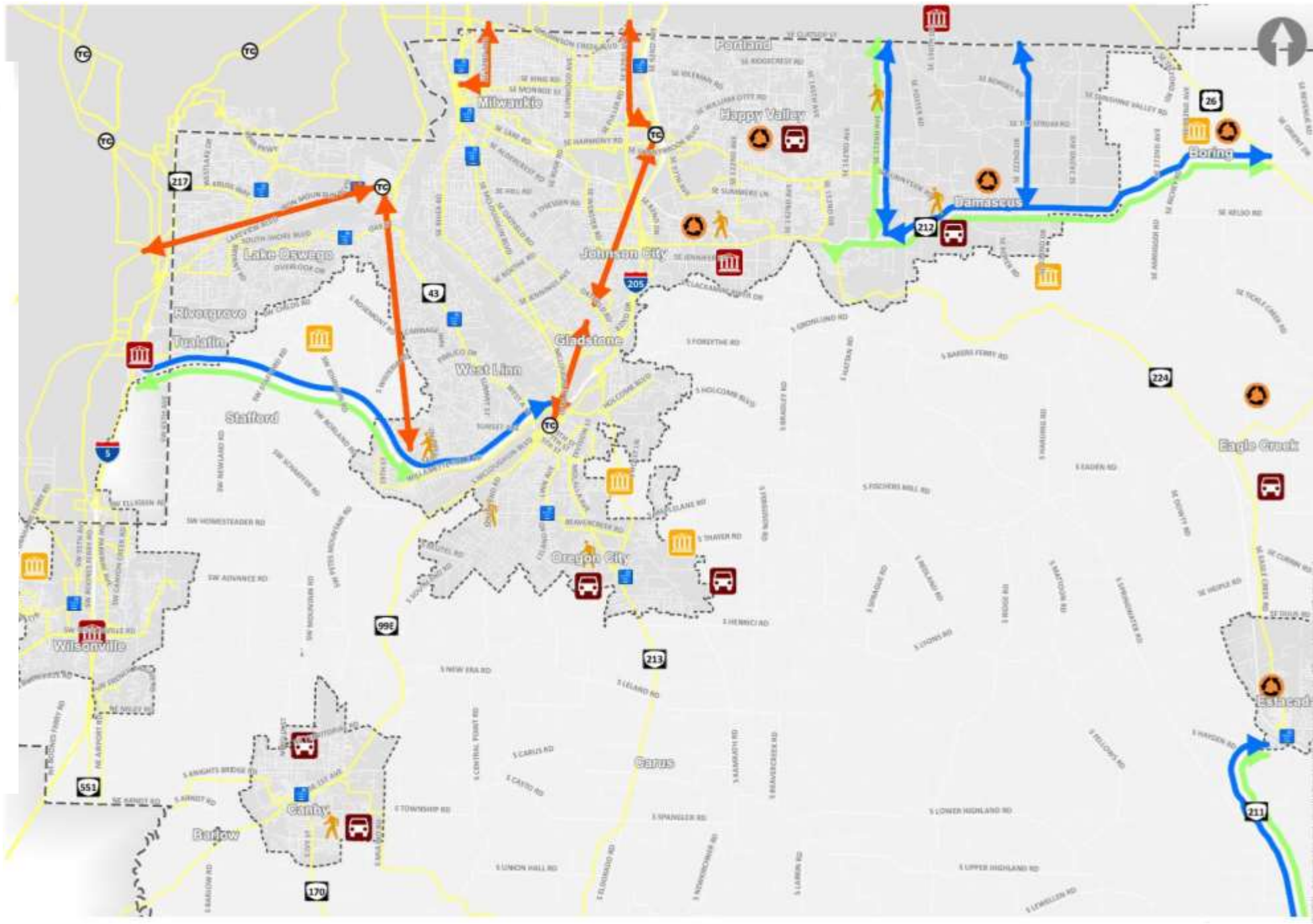
 Intercommunity Corridors With No Transit Service

 Regional Corridors With No Transit Service

 Existing Transit Service

 Urban Growth Boundaries

 County Boundary



Next Steps

Summer/Fall 2020

- Public involvement – surveys, virtual outreach with special focus on reaching underrepresented groups
- Identify and evaluate future service enhancements to meet needs

Clackamas County Last Mile Shuttle Projects

HB 2017 (STIF) Funding



Clackamas County Last Mile Shuttles

4 specific last mile shuttle projects identified

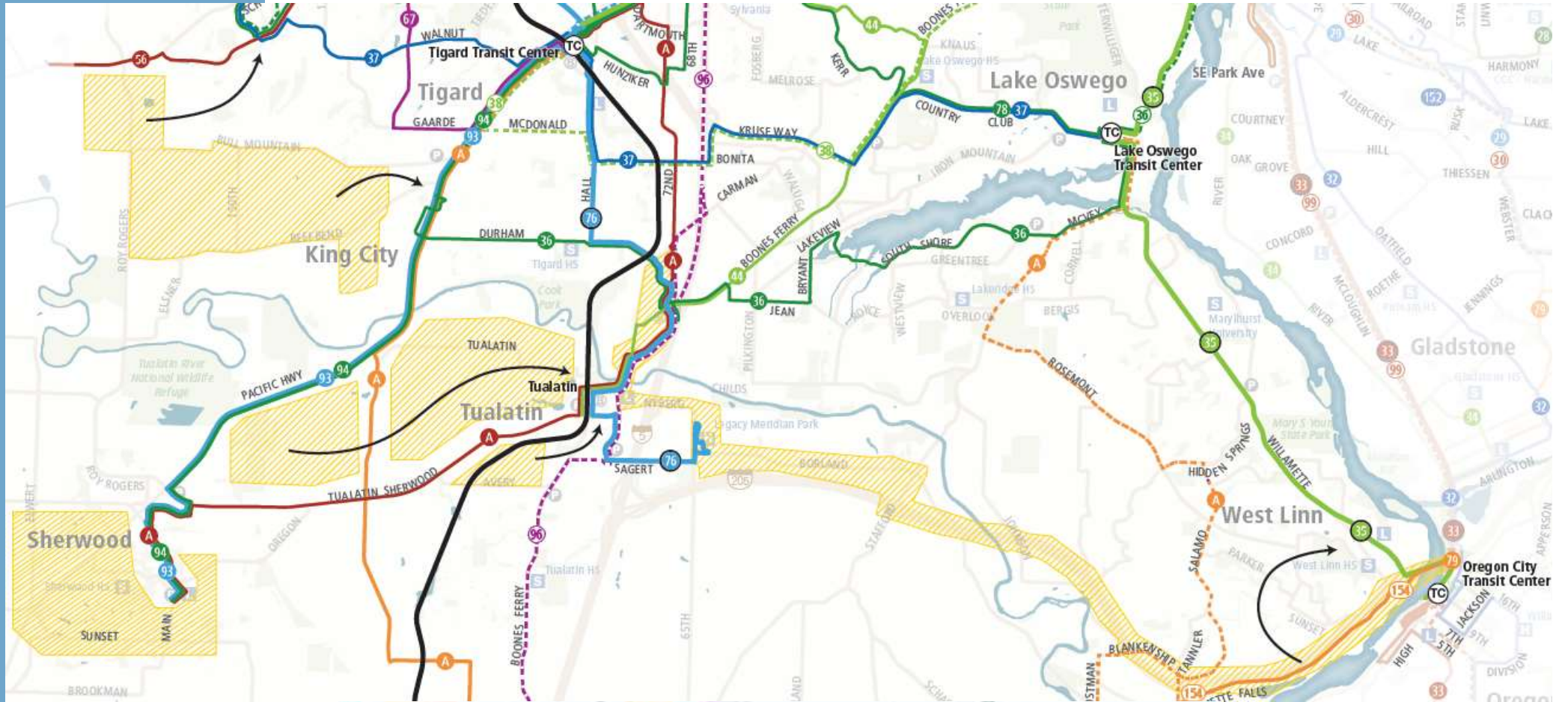
- Oregon City Last Mile Shuttle
- Clackamas Industrial Last Mile Shuttle
- Milwaukie Industrial Last Mile Shuttle
- **Tualatin / West Linn / Oregon City Commuter Shuttle**

Tualatin / West Linn / Oregon City Shuttle

Feasibility Study

- Needs assessment
 - Ongoing
- Title VI report
 - Completed
- Stakeholder interview
 - Completed
- Public engagement
 - Ongoing
- Online survey
 - Recently completed

TriMet



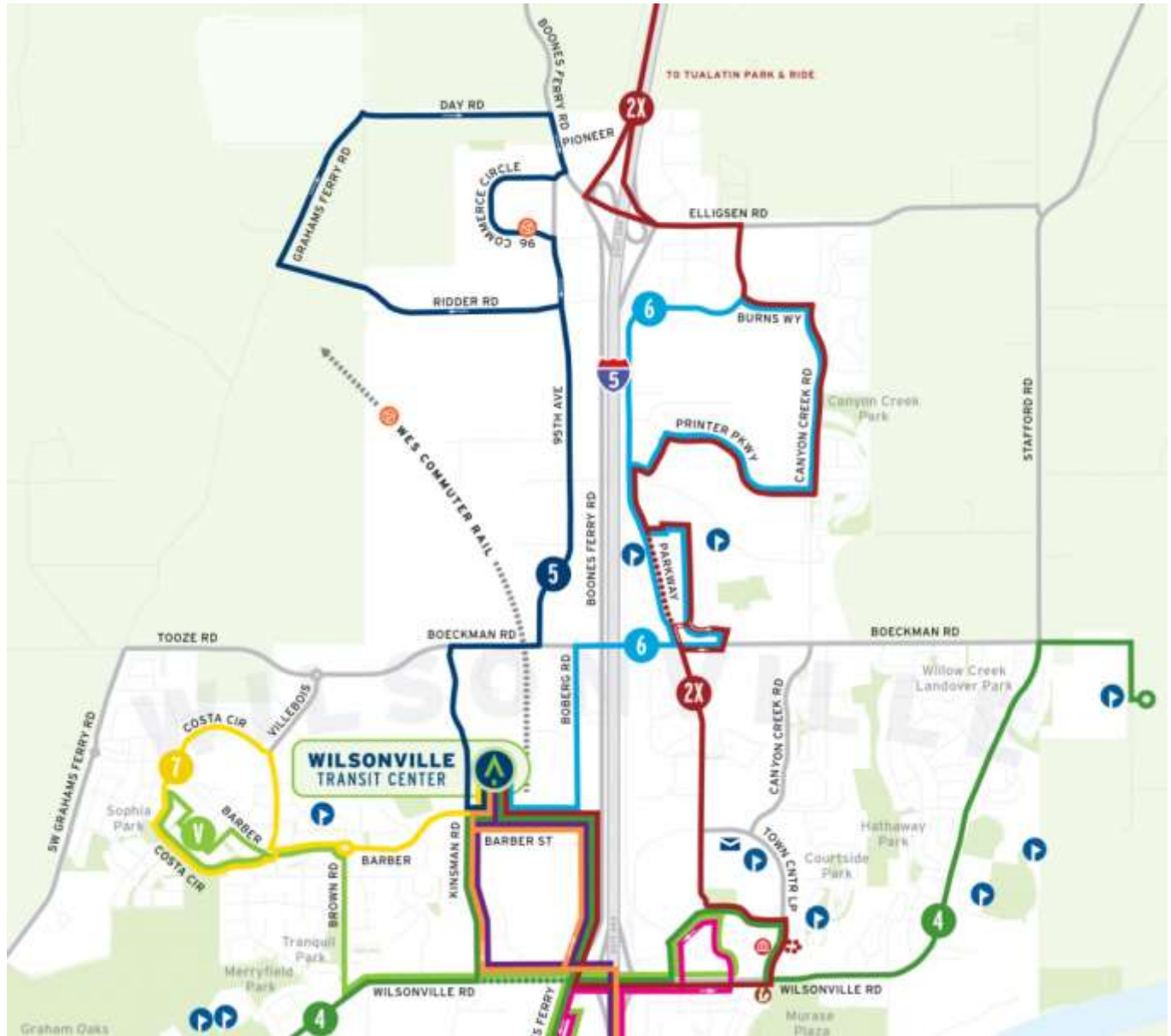
Bus Service		Rail Service		Community/Job Connector Service Area	
	Frequent Service		MAX Blue Line		Community/Job Connector Service Area
	Standard Service		MAX Green Line		Park & Ride
	Rush-Hour Service		MAX Orange Line		Secure Bike Parking
	Proposed High Capacity Transit Service		MAX Red Line		Transit Center
	Proposed new bus service		MAX Yellow Line		High School or College
			WES Commuter Rail		Hospital
					Library

Landmarks

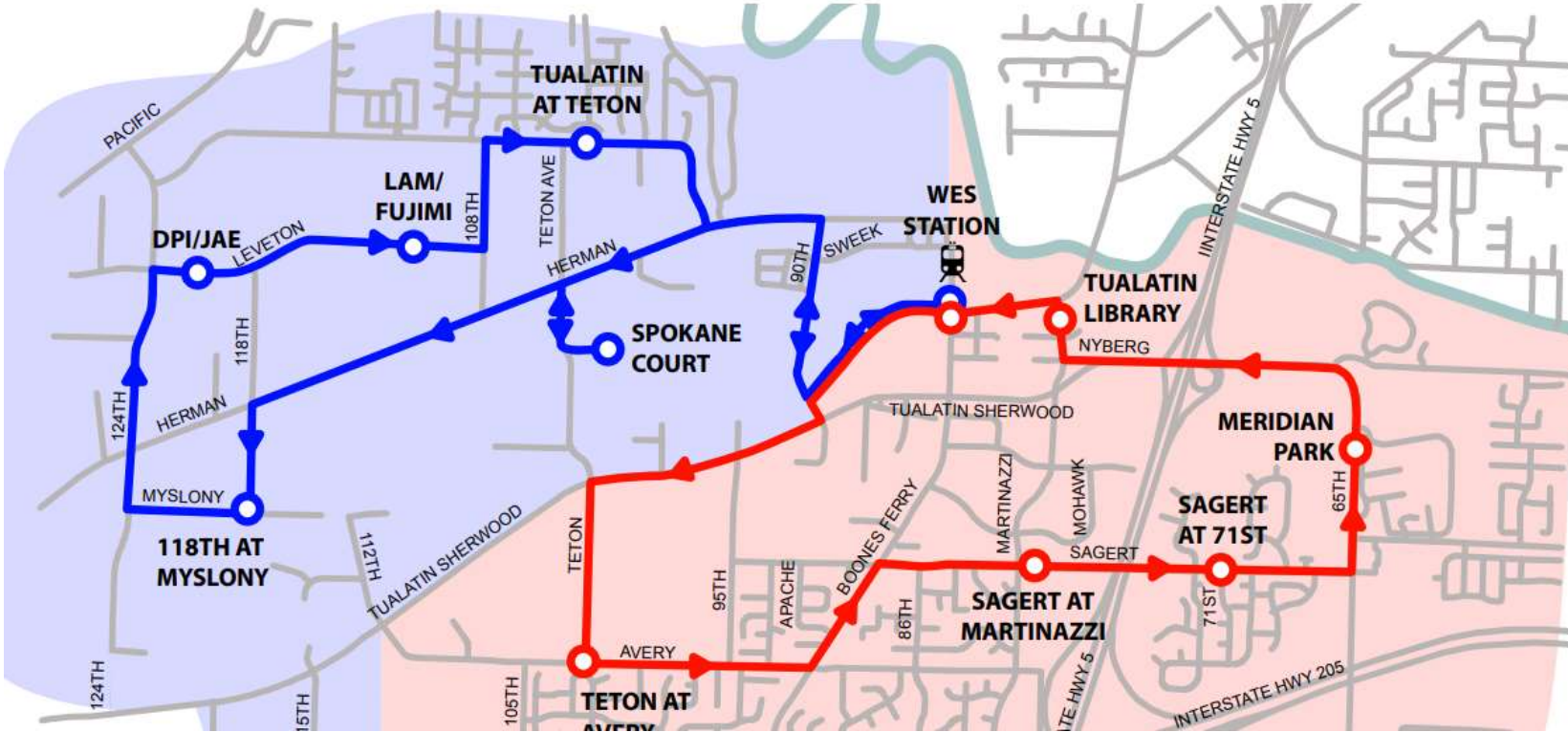
Miles

NORTH

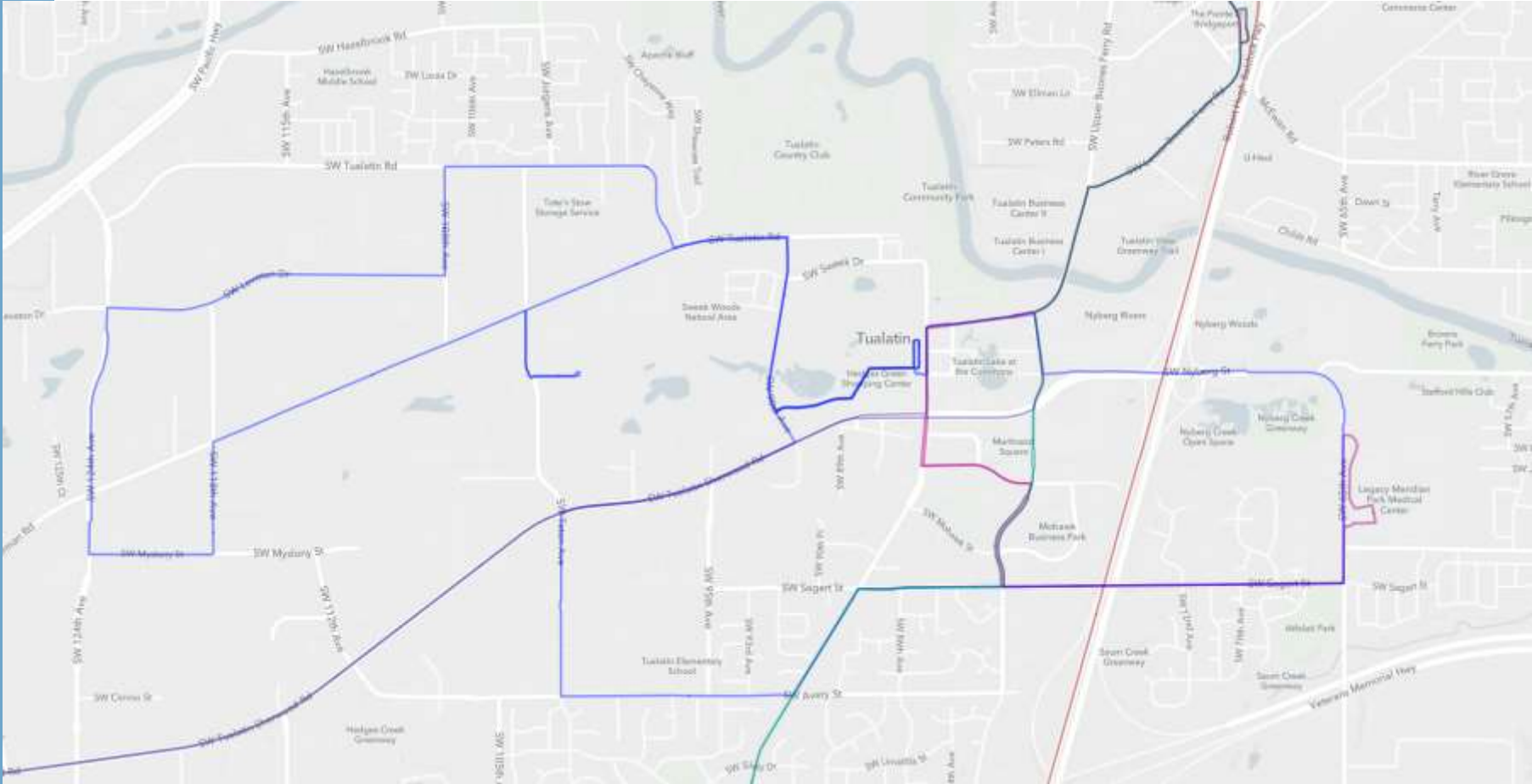
South Metro Area Regional Transit (SMART)



Ride Connection



Tualatin Area Service Map



Shuttle Planning

- Existing service
- Service providers
- Resources
- Connections
- Demand
- Frequency
- Routing

Funding

- Feasibility effort being funded under HB 2017 Regional Coordination Dollars allocated to Clackamas County
- Regional Coordination Dollars currently capped at \$3M (TriMet)
 - \$3M being spent on implemented (or soon to be implemented) shuttle service within Washington, Clackamas, and Multnomah Counties
- No long term funding for implementation

Questions?

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www.Clackamas.us/planning/transit

