



Tualatin

TRANSPORTATION
SYSTEM PLAN

 *TSP*

EXECUTIVE SUMMARY



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Tualatin's 2045 Transportation System Plan (TSP) is a comprehensive framework designed to guide the development of an inclusive and modern transportation network that meets the diverse needs of a growing community. This plan is not merely a regulatory requirement; it represents a proactive approach to shape Tualatin's future for all forms of transportation. The TSP aims to ensure that as Tualatin grows, it remains an accessible, safe, and connected place to travel for everyone.

BACKGROUND AND EVOLUTION

This TSP update builds upon the City's 2014 TSP, which was centered around seven key goals: access and mobility, safety, fostering a vibrant community, promoting equity, supporting the economy, improving health and the environment, and ensuring realistic implementation. Over the past decade, Tualatin has experienced significant growth and change and the City has advanced its planning through major efforts, such as the Basalt Creek Comprehensive Plan and Tualatin's Community Climate Action Plan. This evolution, as well as community input, highlights the need to reassess the 2014 TSP goals and adapt strategies to better serve Tualatin's evolving needs.

Moreover, several important projects from the 2014 TSP have already been completed. These include new bike lanes and sidewalks along Boones Ferry Road, reconstruction of the Garden Corner curves, new traffic signal

installation at the Martinazzi Avenue/Sagert Street intersection, and extended transit services. As Tualatin continues to develop, particularly in areas like Basalt Creek, the updated TSP will help guide future investments to align with community priorities.

REGULATORY CONTEXT

The development of the 2045 TSP is informed by various state, regional, and local plans. Oregon law mandates that the TSP align with the city's Comprehensive Plan, ensuring it supports anticipated population and employment growth. It emphasizes the need for a balanced transportation system that considers all modes of travel, and, closely coordinates with county, regional, and state partners that are essential for integrating Tualatin's transportation system into the broader network. This TSP update also follows new requirements provided by the Climate-Friendly and Equitable Communities (CFEC) rules, which helped shape the project prioritization process and the implementation plan.

GOALS AND POLICIES

Tualatin's 2045 TSP is structured around five overarching goals that reflect Tualatin's evolving priorities:

1	2	3	4	5
Advancing Our Land Use Vision	Providing a High Quality of Life	Expanding Opportunities for Safe Multi-Modal Transportation	Advancing Climate and Health Goals	Investing Wisely
Create a transportation system that enhances Tualatin's economy and land use vision while managing a balanced network for all users.	Ensure safe and efficient movement of people and goods, particularly for historically marginalized communities.	Improve options for walking, cycling, and accessing transit for users of all ages and abilities.	Reduce greenhouse gas emissions and support climate action initiatives through sustainable transportation practices	Maximize funding by maintaining existing assets and leveraging external funding opportunities.

These goals are supported by specific policies aimed at enhancing connectivity, safety, and accessibility across Tualatin's transportation network.



COMMUNITY ENGAGEMENT

Community involvement is a cornerstone of the TSP development process. Feedback from residents, stakeholders, and advisory committees shapes the goals, policies, and project prioritization. The TSP places a strong emphasis on equity, recognizing the unique transportation needs of historically marginalized populations. By understanding Tualatin’s unique demographics and socioeconomic conditions, the plan

emphasizes equitable solutions that enhance access to transportation for all residents. The City of Tualatin engaged over 2,000 residents, businesses, and visitors in different activities and events between August 2023 and August 2024. This breadth of engagement was essential to understand community needs, desires, and values and incorporate them into the TSP. Public involvement in the development and review of the 2040 Tualatin TSP included the following methods; Community members participated in the



Community Advisory Committee (CAC) and in focus groups; agency representatives aided and reviewed through the Technical Advisory Group (TAG); in-person and virtual events and online surveys allowed for broader engagement with the wider community, and targeted outreach was conducted through both digital and printed advertisements, as well as through intercept conversations with community liaisons. See [Chapter 2](#) for details about community engagement and equity considerations.

OUTREACH BY THE NUMBERS

Open Houses	2
In-Person Outreach Events	7
Focus Groups	6
Website Visitors	2,000
Interactive Map Contributions	987
Survey Responses	471

TECHNICAL ANALYSIS

A thorough technical analysis underpins the TSP, assessing current conditions and forecasting future needs. This analysis includes an evaluation of the City’s roadway network, traffic conditions, safety performance, and the quality of infrastructure for people walking, biking, and accessing transit. Identifying gaps in the existing transportation network allows for targeted improvements that address immediate needs. Moreover, evaluating how anticipated growth will exacerbate these needs enables the TSP to also consider long term mobility challenges.

See [Chapter 4](#) for details of this analysis.

FUNDING STRATEGIES

Funding is critical to the successful implementation of this TSP. Revenue for capital and operations & maintenance is projected to increase from 2025 to 2045. Regardless, Tualatin should actively pursue federal and state grants, diversify its funding sources, and explore innovative financing mechanisms to support the ambitious project list laid out in this TSP.

The TSP outlines several potential funding sources that Tualatin should consider, including:

- Local Taxes and Fees: Utilizing revenue from property taxes, development fees, and utility fees to fund transportation projects.
- State and Federal Grants: Actively pursuing grants from state and federal programs that support transportation infrastructure improvements, especially those focused on sustainability and equity.
- Public-Private Partnerships: Exploring opportunities for collaboration with private entities to leverage additional resources for transportation projects.
- Urban Renewal Funds: Using funds generated from urban renewal districts to finance eligible capital projects that align with the TSP goals

See [Chapter 5](#) for details of the funding analysis and potential future methods.

FUTURE PROJECTS

The TSP identifies a comprehensive list of 119 future projects categorized into three main areas: active transportation, complete streets, and transit projects. Each category addresses specific needs within the

community and contributes to the overall goal of creating a balanced, multimodal transportation system. The full list of projects can be seen in [Chapter 6](#).

Number of Projects	Estimated Cost of Investments
Active Transportation Projects 79	\$107,000,000
Complete Streets Projects 22	\$72,000,000
Transit Projects 18	\$500,000*

*Represents Tualatin’s estimated share of these projects.

ACTIVE TRANSPORTATION PROJECTS

Active transportation projects focus on enhancing infrastructure for people walking and biking, promoting healthier travel options. Key initiatives include:



Sidewalk Improvements

Projects aimed at filling gaps in the sidewalk to improve connectivity and safety for walkers.



Bicycle Facilities

Development of a low-stress bicycle network that prioritizes safety and comfort for all ages and abilities. For example, the Downtown Boones Ferry Road Bikeway will upgrade existing bike facilities and intersection treatments to provide better separation from vehicle traffic, making cycling more appealing and safer.



Trail Enhancements

Expanding the trail network to connect key destinations and neighborhoods, thereby encouraging walking and biking as viable transportation options. Projects may include new trails such as the 65th Avenue Pedestrian and Bicycle Bridge that would create a new non-motorized connection across the Tualatin River and enhance trail crossings of busy streets.



Pedestrian Crossings

Installation of enhanced pedestrian crossings, such as those planned at major intersections, to improve safety and accessibility for individuals traveling on foot.

COMPLETE STREETS PROJECTS

Complete streets projects aim to create roadways that accommodate multiple modes of transportation while ensuring safety and accessibility for all users. Notable projects include:



Intersection Upgrades

Modifications to critical intersections to improve traffic flow and safety. For instance, the Tualatin-Sherwood Road and Boones Ferry Road project aims to improve operations and pedestrian comfort at this busy intersection.



Roadway Capacity Enhancements

Addressing bottlenecks and congestion through targeted roadway upgrades, such as adding turn lanes and improving signal timings to enhance traffic flow.



Safety Projects

Implementing strategies to improve safety in areas with a crash history or identified safety needs.



Connectivity Improvements

Developing local street connections to enhance neighborhood accessibility, such as improvements on Norwood Road to enhance the sidewalk, create a new bike trail, and address operations at the Boones Ferry Road intersection thus promoting improvements for all travel modes.

Tualatin’s pedestrian network by the numbers

150 miles of sidewalks

19 miles of trails and shared-use paths

1,700 curb ramps

273 crosswalks (32 of which have pedestrian-activated flashing beacons)

Tualatin’s bicycle network by the numbers

21 miles of bike lanes

8 miles of buffered bike lanes

19 miles of trails (6.7 miles of which contribute to the regional trail system)



TRANSIT PROJECTS

Transit projects listed below aim to identify the transit needs within the City and highlight potential collaboration opportunities between the City and local transit agencies to increase transit options for residents and visitors. Key initiatives include:



Supporting Passenger Rail Efforts

While Tualatin does not directly manage any rail transit networks, the city supports TriMet’s rail efforts, such as expanding the Westside Express Service (WES) and building the Southwest Corridor light rail line that would end at Bridgeport.



Service Increases

Plans to increase the frequency of bus services on high-demand routes, such as Boones Ferry Road, to reduce wait times and improve reliability for commuters. Also exploring new routes to connect Tualatin with nearby communities in Yamhill and Marion Counties and to improve circulation within Tualatin.



Transit Stop Amenities

Upgrading existing transit stops with essential amenities like benches, shelters, real-time arrival information, and lighting to enhance rider comfort and safety.



First/Last Mile Connections

Developing strategies to improve access to transit stops, including expanding the pedestrian and bicycle networks to ensure safe and convenient connections for users.

TRANSPORTATION OPTIONS

The Transportation Options Plan in Tualatin aims to promote sustainable travel modes and reduce reliance on single-occupancy vehicles. Key elements include:



Education and Encouragement

Programs to promote public transit, carpooling, biking, and walking.



Transportation Demand Management (TDM)

Initiatives that incentivize shared transportation options, such as free transit passes for employees.



Collaboration

Partnerships with organizations like the Westside Transportation Alliance, Metro, and RideConnection to enhance commuter services.



Safe Routes to School

Expanding programs to encourage active transportation among students through safe route mapping and infrastructure improvements.



Transit Promotion

Marketing campaigns to raise awareness of transit services and increase ridership.

CITYWIDE PROGRAMS

The Citywide Programs in Tualatin’s 2045 Transportation System Plan outline various initiatives designed to complement transportation infrastructure improvements and enhance community quality of life. Key programs include:

- Safe Routes to School Program Updates
- Wayfinding Element Upgrades
- Street Lighting Construction Program
- Downtown Placemaking Initiative

- Travel Demand Management for Employers
- Safety Communications Campaign
- Transit Promotion and Education
- ADA Plan Evaluation and Updates

These programs collectively aim to enhance Tualatin’s transportation network, promote active travel, and improve overall community well-being. See [Chapter 6](#) for more details.



IMPLEMENTATION PLAN

The implementation plan serves as a roadmap for executing the strategies outlined in the TSP. It includes specific performance measures, timelines, and responsible parties for each project, ensuring accountability and progress tracking. The plan emphasizes collaboration among various stakeholders, including city staff, community members, regional partners, and state agencies, to facilitate successful project delivery.

PERFORMANCE MEASURES

To evaluate the effectiveness of the TSP and its alignment with broader sustainability goals, the plan incorporates performance metrics that will be monitored regularly.

These performance measures will align with the Oregon Climate Smart Strategy, and be reported every four or five years, allowing Tualatin to adjust its strategies based on data-driven insights and community feedback.

These metrics include:



Reduction in Greenhouse Gas Emissions

Tracking changes in emissions from transportation sources to assess progress toward climate goals.



Increased Use of Alternative Transportation Modes

Measuring shifts in travel behavior, such as increased walking, biking, and public transit usage.



Safety Improvements

Monitoring reductions in traffic-related injuries and fatalities, particularly for vulnerable populations like pedestrians and cyclists.



Equity Assessments

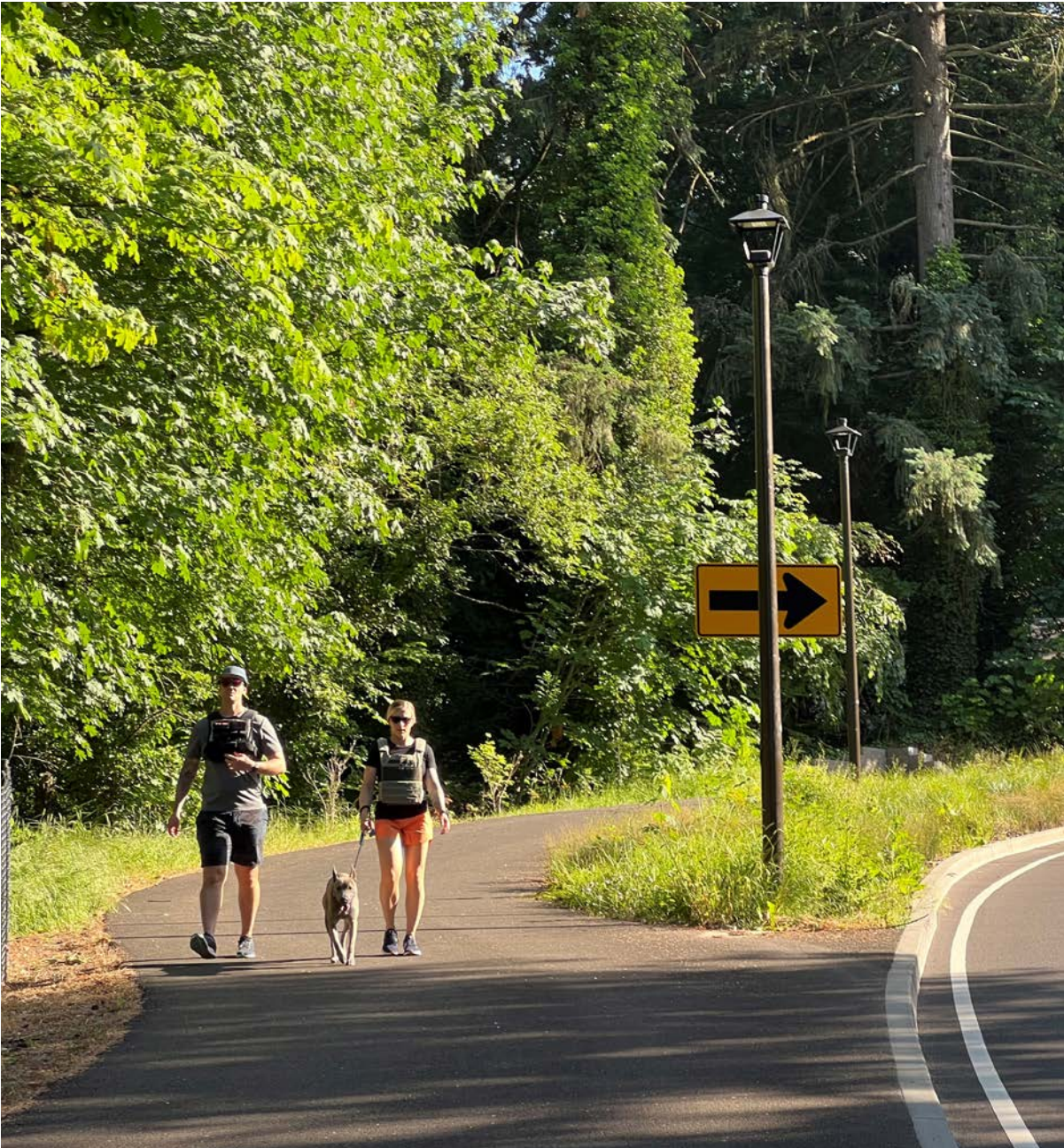
Evaluating how well transportation investments serve historically marginalized communities and whether access disparities are being addressed.

These performance measures will align with the Oregon Climate Smart Strategy, and be reported every four or five years, allowing Tualatin to adjust its strategies based on data-driven insights and community feedback.

FUTURE OUTLOOK

As Tualatin moves toward 2045, the TSP serves as a roadmap for creating a more walkable, healthy, and sustainable community. It aligns with regional goals to reduce greenhouse gas emissions and improve overall quality of life. By investing in active transportation and adopting a multi-modal approach, Tualatin can foster a transportation network that not only accommodates growth but also promotes environmental stewardship and social equity.

Through careful analysis, community engagement, and strategic goal-setting, Tualatin is poised to build a transportation system that meets the needs of its residents while contributing to a sustainable future. The plan reflects a commitment to inclusivity, safety, and environmental responsibility, ensuring that Tualatin remains a vibrant and connected community for generations to come.





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