

# Transportation



Bicyclists and an Intercity Transit bus share the road along Olympia's 4th Avenue Bridge.



A bicyclist waits in the bike box on Legion Way as an Intercity Transit bus rolls past on Capitol Way.

**What Olympia Values:**

*Olympians want an inclusive transportation system that supports the economy, the environment, and everyone's well-being. ~~can move people and goods through the community safely while conserving energy and with minimal environmental impacts.~~ We want ~~it to~~ use the system to connect to our homes, businesses and gathering spaces and promote a healthy city neighborhoods.*

## **Our Vision for the Future:**

*Complete streets that move people, not just cars.*

## **Introduction**

Olympia's future transportation system will focus on moving people, not just cars. It will feel inviting and safe to all people, whether they are walking with or without a walking aid, using a wheelchair to roll, riding a bicycle, taking transit, or driving. ~~This will~~ Our ability to create vibrant urban areas, reduce our environmental impact, and conserve our financial and energy resources ~~will depend on an increase in walking, biking and transit.~~

Our future streets will work for all modes of transportation. ~~—thanks to our investment in sidewalks, bike lanes, trees, and safe crossings.~~ We will build streets that are human scale ~~— designed~~ for people, ~~—~~ as well as cars. A more connected grid of smaller streets will shorten trips for people walking, rolling, biking, and driving, and it will allow trucks, buses and emergency vehicles to have direct and efficient routes.

As Olympia grows, we will use our transportation system more efficiently by adding roundabouts, sidewalks, crosswalks, bike lanes, and by prioritizing transit. ~~are learning to use a range of tools that will help us to both respond to growth and provide people with more choices. This~~ It won't eliminate congestion, but more people will be able to safely get around using the best mode of transportation for them. ~~with the help of involved community members, our future system will provide safe and inviting ways for us to walk, bike, and use public transit.~~



Olympia's Gateway Corridor.






The lower roundabout that links the 4<sup>th</sup> and 5<sup>th</sup> Avenue Bridges to the westside.

This Transportation chapter describes the vision, goals, and policies that guide

decision-making about Olympia’s future transportation system. The Transportation Master Plan shows the projects we will build to realize the vision outlined here, and it offers greater detail about:

- Funding
- Future policy considerations
- Future areas of study
- Concurrency and impact fee projects

~~This Transportation chapter takes direction from a number of state, regional and local plans, policies, and guidelines:~~

- ~~1. The Washington State Growth Management Act  guides cities to link transportation and land use planning. This means that *as* growth occurs, the City will provide adequate public facilities and a transportation system that supports walking, biking, and public transit, as well as vehicles.~~
- ~~2. The Thurston Regional Transportation Plan  describes how the region will work together on regional problems and priorities. The plan encourages us to develop high density, mixed use urban form in our cities, make new street connections, and find ways to reduce drive alone commuting.~~
- ~~3. The Olympia Transportation Mobility Strategy  provides overall guidance on how we can build a multimodal transportation system. It looks strategically at system capacity, complete streets, bus corridors, connectivity, transportation demand management, and funding.~~
- ~~4. The City has relied on a number of studies in the past to help it make decisions on capacity, street connectivity, and street design, and these decisions have had a long term impact on our local transportation system. They also have helped to shape the transportation goals and policies in this plan. See Appendix A, Transportation Planning History for study descriptions.~~
- ~~5. This plan is consistent with the Washington Transportation Plan, which establishes a 20 year vision for the state’s transportation system and recommends statewide transportation policies and strategies to the legislature and Governor.~~

## Climate change

The Thurston Climate Mitigation Plan identifies the transportation sector as the second-largest source of greenhouse gas emissions in Thurston County. As the power grid transitions to more sustainable sources, transportation is likely to become the biggest source of greenhouse gas emissions in Thurston County and

the City of Olympia.

This was confirmed by Olympia's 2021 Inventory of Community-Wide Greenhouse Gas Emissions and 2021 Community Greenhouse Gas Emissions Reduction Strategy Analysis, which establishes greenhouse gas reduction targets that will help us reach the goal of net-zero emissions by 2040. For the transportation sector to do its part, we will need to significantly reduce Olympia's "vehicle miles traveled." This refers to the number of miles people travel in Olympia in vehicles in a year.

The most effective way to reduce vehicle miles traveled is to make it easier to walk or roll, ride a bike, or take transit than it is to drive. It will take time to reshape our city to support that, not only by adding pedestrian-, bicycle-, and transit-supportive infrastructure to the streets, but also by changing our land use patterns so the distances people ~~have to~~ must go are shorter.

In the mid-term as that transition takes place, electric vehicles are one strategy that will help reduce emissions. However, they will still take up the same amount of space in the transportation system, which will lead to more traffic congestion as our population increases. Their widespread adoption will also continue to support the car-centric land use patterns that make it difficult to transition to a more compact city. Olympia needs to make that transition if we are going to have a sustainable city in which it is easier to not drive at all.

Nearly every goal and policy in this chapter is designed to create that future sustainable city's transportation system. From building vital street connections to adding sidewalks, bike lanes, curb ramps, and crosswalks, the transportation system we build in the next 20 years will be one that addresses climate change head on.

For more information about the City's overall climate change approach, please see the Climate Change Chapter. The Land Use & Urban Design Chapter describes how we will change our land use patterns to complement the future

transportation system.

## **Goals and Policies**

**GT1 The transportation system will support meeting the target of net-zero greenhouse gas emissions by 2040.**

**PT1.1 Reshape the transportation system, so that it's easier to walk or roll, bike, or take transit than to drive.**

**GT2 Vehicle miles traveled will be 25% lower than 2021 levels by 2040.**

**PT2.1 Build streets that support walking, rolling in a wheelchair, biking, and taking transit.**

**GT3 100% of vehicles within Olympia that are currently gas-powered will be electric by 2040. 75% of currently diesel-powered vehicles will be either electric or fueled by green hydrogen by 2040.**

**PT3.1 Support the state of Washington's law that all new light-duty passenger vehicles registered will be electric by 2030.**

**PT3.2 Seek ways to encourage people to replace gas-powered vehicles with electric vehicles.**

**PT3.3 Support Intercity Transit's transition to green fuel buses.**

**PT3.4 Encourage the Port of Olympia to transition diesel-powered freight vehicles serving the Port to green fuels.**

**PT3.5 Encourage the school district to transition diesel-powered school buses to green fuels.**

**GT4 Land use patterns will shift to support people being able to get many daily needs met by walking or rolling, biking, or riding transit.**

## **Equity**

Being able to get around means having access to school, work, recreation, shopping, and vital services. Building a transportation system in which everyone can move around and meet their needs means considering the injustices built into the transportation system in previous generations. Those injustices reflect assumptions that often only considered the needs of social groups that were in power.

For example, there have always been people who cannot drive: children, some people with disabilities, those who cannot afford a vehicle, and some elders, to name a few. Previous generations invested in building streets that had no sidewalks, curb ramps, bike lanes, or marked crosswalks, and we have inherited those streets. This means it is harder and less safe for people to get around if they don't drive.

To make our streets more fair for everyone, we will rebuild them to include the infrastructure that supports walking, rolling in a wheelchair, biking, and transit.

These changes will be complemented by land use that encourages a greater mix of activities closer together. High frequency transit on direct routes will allow

people to get to places that are farther than they can walk, roll, or bike.

Policies to effect these changes are woven throughout this plan. In many places we specifically mention people rolling in wheelchairs or using walking aids. In others, we refer to pedestrians and bicyclists. When we do, we always include pedestrians and bicyclists with disabilities in those definitions.

For more information about the City's approach to equity in this plan, please see the Equity Chapter.

**GT5 Everyone can seamlessly get around Olympia, regardless of their age, income, ability, or mode of transportation.**

**PT5.1:** New infrastructure is compliant with the Americans with Disabilities Act and reflects the priorities shown in the City's ADA Transition Plan.

**PT5.2:** Pedestrian and bicycle infrastructure is prioritized near parks, schools, medical facilities, grocery stores, public buildings, dense employment centers, dense residential areas, and it connects to transit.





Bicyclists travel over Olympia's 4th Avenue Bridge.



A bicycle-only crossing on 7th Avenue at Jefferson Street, which also includes a marked crosswalk for pedestrians with ADA compliant curb ramps.

## Complete Streets

Streets with wide sidewalks, ~~and trees, and curb ramps~~ invite us to walk or roll, ~~while bike lanes with buffers from vehicle lanes or routes on quiet streets to the store or a friend's house. Bike lanes make~~ make biking ~~to work~~ more appealing and convenient. The way we design our streets will create new opportunities for how we travel within our city, and how we interact with one another.

"Complete streets" are built for pedestrians, bicyclists, and transit riders, as well as cars, trucks, and buses. They increase the number of people walking and rolling, biking, and using transit, and they are also safe for ~~drivers-motor vehicles~~. Complete street policies complement other goals, such as boosting our economy, reducing congestion, increasing land-use density, minimizing environmental impacts, and giving people more opportunities to be physically active.

Olympia's complete streets ordinance, passed in 2016, is one example of the City's commitment to build complete streets.



~~4th Avenue near City Hall redesigned with bike lanes and wider sidewalks.~~



## Goals and Policies

The area around the State Avenue and East Bay Drive intersection has narrow travel lanes, a transit boarding island, bike lane between the boarding island and travel lane to reduce conflicts between bicyclists and drivers, and bulb-outs to shorten the distance pedestrians need to cross.

**GT6.1 All streets are safe and inviting for pedestrians and bicyclists. Streets are designed to be human scale, but they can also ~~can~~ accommodate motor vehicles, and encourage safe driving.**

**PT6.1.1** Retrofit major streets to be human scale and include features to make walking, rolling, biking, and transit use safe and inviting.

**PT6.1.2** Build streets with individual lanes that are as narrow as safely possible to discourage speeding, while making sure larger vehicles are able to can enter

areas where they are needed.

**PT1.6.3** Establish vehicle speed limits to create a safe environment for pedestrians and bicyclists, especially in school zones. ~~while maintaining motor vehicle traffic flow. Speed limits shall not exceed 35 miles per hour on arterial and major collector streets, and 25 miles per hour on neighborhood collectors and local access streets, and in the City Center. Provisions are allowed to establish 20 miles per hour speed limits for select conditions and as allowed by state law.~~

**PT61.4** Reduce the impact of traffic on pedestrians by creating buffers such as on-street parking, trees, planter strips, wide sidewalks, and creating interest along the street with amenities and building design.

**PT61.5** Create attractive streetscapes with sidewalks, trees, planter strips, and pedestrian-scale streetlights. In denser areas, provide benches, building awnings, and attractive and functional transit stops and shelters.

**PT61.6** Build intersections that are safe for pedestrians, bicyclists, and drivers. ~~motor vehicles.~~ Use minimum dimensions (narrow lanes and crossings) for a human-scale environment, while maintaining vehicle access and safety.

**PT61.7** Use medians for access control and to keep the number of motor vehicle lanes to a minimum.

**PT61.8** Use medians for pedestrian crossing islands, and to enhance the beauty of the street.

**PT61.9** Build streets in a grid pattern of small blocks to allow streets to be narrow and low-volume, encourage walking and rolling, and provide travelers ~~with~~ a choice of routes.

**PT61.10** Minimize driveways along major streets to reduce conflicts between ~~vehicles-drivers~~ and bicyclists and pedestrians. Encourage shared driveways or provide access off side streets and alleys.

**PT61.11** Require consolidation of driveways and parking lot connectivity for adjacent commercial areas to facilitate access from one site to another without having to access the ~~roadway~~street.

**PT61.12** Recognize the value of street trees for buffering pedestrians from motor vehicle traffic, to capture vehicle emissions, shade sidewalks, and protect asphalt from heat. Proper selection, care and placement are critical to long-term maintenance of trees along streets, ~~street~~pavement, and sidewalks.

**PT61.13** Consider modified street design to enhance the function of a street for a particular mode, such as bicycling, or to support the unique identity of a street, such as an ~~an~~ historic district.

**PT61.14** Provide adequate and safe street, trail, and pathway lighting~~7~~ in a way that reduces light pollution.

**PT61.15: Regularly analyze collision data and prioritize safety projects for pedestrians and bicyclists.**



Bicyclist on 5th Avenue.



A bicyclist on State Avenue. GT2

**GT7.2 As new streets are built and existing streets are reconstructed, add multimodal features as specified in the City of Olympia [Engineering Design and Development Standards](#) .**

**PT7.2.1** Build arterial streets to serve as primary routes connecting urban centers and the regional transportation network. Include [enhanced](#) bike lanes, sidewalks, planter strips, ~~pedestrian-crossing features~~[enhanced crosswalks](#), and other ~~amenities-infrastructure~~ that support pedestrian [and bicyclist](#) comfort and safety.

**PT7.2.2** Build major collector streets to connect arterials to residential and commercial areas. Include [enhanced](#) bike lanes, sidewalks, planter strips, and [enhanced crosswalks](#)~~pedestrian-crossing features~~.

**PT7.2.3** Build neighborhood collectors to provide circulation within and between residential and commercial areas. These streets should include sidewalks, and planter strips, and ~~they~~ may include pedestrian-crossing features. Some neighborhood collectors ~~include bike lanes, or signs and markings to designate a bike route. (See Appendix D: Bike Network Map and List.)~~[form part of the low-stress bike network shown in the Transportation Master Plan and should be built to include the appropriate bike infrastructure.](#)

**PT7.2.4** Build local access streets to provide direct connections to properties within neighborhoods.- All new local access streets should include sidewalks and planter strips~~and may include wayfinding signs to direct cyclists to the larger bicycle network,~~ [and some local access streets form part of the low-stress bike network shown in the Transportation Master Plan.](#)

**PT7.2.5** Provide transit stops and service accommodations, in consultation with Intercity Transit. Encourage sidewalk access to all designated stops and consider ~~pedestrian-crossing~~[walk](#) improvements to facilitate access, including mid-block

crossing islands on high-volume streets.

**PT72.6** Install or allow traffic-calming devices on local access, neighborhood collector, and some major collector streets where speeds, volumes, and other conditions indicate a need. Consider pedestrian, bicyclist, and transit bus safety and access when installing traffic-calming devices.

**PT72.7** Allow on-street parking on local access and neighborhood collector streets.

**PT72.8** Make it a priority to add bulb-outs for shorter pedestrian crossings and to slow traffic on existing arterials and major collectors with on-street parking. Consider building bulb-outs on neighborhood collector streets with on-street parking where overall narrowing of the street is not possible.

**PT72.9** Allow the City to modify street standards in environmentally sensitive areas based on planning ~~work, and~~ work and to specify these changes in the code.

**PT72.10** Use innovative designs to reduce or eliminate stormwater run-off.

**PT72.11** Use Olympia's regularly updated [Engineering Design and Development Standards](#) to ensure that transportation-related facilities constructed in Olympia and its Growth Area are safe, well-constructed, durable, and can be maintained.

~~**PT2.12** Regularly revise the [Olympia Municipal Code](#) and [Engineering Design and Development Standards](#) to give detailed guidance on how transportation services should be paid for and delivered in accordance with the principles established in this Comprehensive Plan.~~



## **GT83 Streets allow the efficient delivery of goods and services.**

**PT83.1** Design streets so that goods and services can be delivered safely and efficiently. ~~—~~This means buses, commercial trucks, ~~emergency~~ and other public service vehicles have an appropriate level of access.

**PT83.2** Designate and enforce appropriate linear curb space so that commercial vehicles can load and unload in urban areas.

**PT83.3** Consider large-vehicle movement in the design of arterial and major collector streets, particularly at intersections, and on streets in industrial- and mixed-use zoned areas, ~~and in mixed-use areas~~ while prioritizing pedestrian and bicyclist safety.

**PT83.4** Require alleys where feasible and practical and retain alleys as public ~~rights~~ of-way.

**PT83.5** Require alleys where feasible and practical behind lots fronting on arterials and collectors, so that houses or businesses can face the street, sidewalks are continuous, and vehicles can access properties from behind.

~~**PT3.6** Establish objective criteria in City standards to determine the practicality and feasibility of alley construction for new development.~~

**PT83.67** Maintain alley ~~ways~~ for delivery and service vehicles by ensuring they are not blocked by trash receptacles, cars, or other obstructions.

## **Connectivity**

A city with a well-connected network of smaller streets helps create a better city for walking and rolling, biking, riding the bus, and driving. — This “connectivity” creates a human-scale environment by making routes shorter and more direct, which is, which is —one of the most effective ways we can re-shape Olympia to be easier to walk, roll, and bike in. This is reinforced by the way we build streets now: all new streets have sidewalks with planter strips on both sides, and we require major streets to have enhanced bike lanes. -

A well-connected street grid is also crucial for transit service, as it offers more route options and turnaround points for buses. It ~~Whether people are walking, biking, or driving, their routes are shorter. Transit riders can get to their stops more easily. A well-connected street grid~~ provides direct and efficient access for all types of service vehicles, such as including transit buses ~~waste resources trucks~~, delivery trucks, and emergency vehicles. During emergencies and major construction, the grid provides options: if one route is blocked, other direct routes are available. And because well-connected streets create more direct routes, fewer miles are driven, which reduces emissions.



~~A street connection extends Olympia Avenue to the downtown.~~

~~The City's commitment to building a well-connected street grid dates back to 1994, when we did a study that determined that instead of widening our streets, we should build a connected grid of smaller streets. This study led to the informed most of the major street connections shown on the maps in Appendix A, and specific development requirements found in the Engineering Design and Development Standards. That study A 1994 planning study conducted by the City led to the fully connected street network we are now building. The study determined that instead of continuing to widening our major roadsstreets, we should build a connected grid of smaller streets. In the next few years, the City is planning to update that study.~~

~~This study became the basis for our vision of a modified street grid and planned street connections. (See maps in Appendix B and the Transportation Planning History in Appendix A for additional information.)~~



~~Downtown has a well-connected street grid. Because well-connected streets create more direct routes, fewer miles are driven, saving fuel and reducing pollution. During~~

~~emergencies and major construction, the grid provides options: if one route is blocked, other direct routes are available. A grid also provides more opportunities to turn left, reducing traffic back-ups.~~

~~There can be challenges with making street connections. Topography and environmentally sensitive areas can make certain street connections infeasible. Some street connections and the resulting changes to traffic patterns have the potential to affect neighborhood character or disproportionately impact some residents. The City will balance decisions about the value of a street connection with potential impacts to the unique geography, character or historical context of a residential neighborhood. In these cases, policies help guide the analysis of a street connection. When street connections are not made for motor vehicle access, priority will be given to making a connection for bicyclists, pedestrians, emergency vehicles and transit.~~

~~Pathways and trails provide connectivity for bicyclists and pedestrians. Pathways are shortcuts in neighborhoods that provide connections to parks, schools, trails and streets. Trails allow travel off the street system, benefitting bicyclists and pedestrians for transportation and recreation.~~



~~The gridded street network in an older neighborhood.~~

## Goals and Policies

**GT94** The street network is a well-connected system of small blocks, allowing short, direct trips for pedestrians, bicyclists, transit users, ~~motorists~~drivers, and service vehicles.

**PT94.1** Connect streets in a grid-like pattern of smaller blocks. Block ~~sizes~~ lengths should range from 250 feet to 350 feet in residential areas and up to a maximum of 500 feet along arterials.

**PT94.2** Build new street connections to reduce travel time and distances for all users of the street system.

**PT94.3** Build new street ~~and pathway~~ connections so that people walking, rolling, biking, or accessing bus stops have direct route options, making these modes more inviting.

**PT94.4** Build new street connections so that motor ~~-~~vehicle trips are shorter, to save fuel, cut travel time, and reduce pollution.

**PT94.5** Build new street connections so the grid provides other routes if an emergency or major construction blocks travel.

**PT94.6** Build new street connections so that emergency vehicles, transit, and other service vehicles have direct and efficient access.

**PT94.7** Build a human-scale street grid of small blocks by defining required dimensions in the [Engineering Design and Development Standards](#). To keep blocks small, Use street-spacing criteria to define the frequency and block sizes of different types of streets in the grid, and define block sizes on each type of

~~street to keep blocks small.~~

**PT94.8** Build new arterials, major collectors and neighborhood collectors based on the general location defined on the Transportation Maps in Appendix **BA**. Require the use of the [Engineering Design and Development Standards](#).

~~**PT5.19X.9X** Seek to avoid street-Examine alternative street alignments and/or street designs when connecting connections streets through wetlands or other critical areas by examining alternative street alignments. Fully mitigate impacts when a street connection in an environmentally sensitive area is determined to be the preferred option.~~

**PT9.104.9** Seek public and private funding to construct street connections in the network.

**PT9.114.10** Require new developments to connect to the existing street network and provide for future street connections to ensure the gridded street system is built concurrent with development.

**PT9.124.11** Retrofit existing development into a pattern of short blocks.

~~**PT4.12** Build bike and pedestrian pathways for safe and direct non-motorized access. Where street connections are not possible, build pathways based on block sizes defined in the Engineering Design and Development Standards.~~

**PT9.134.13** Build an adequate network of arterials and collectors to discourage heavy traffic volumes on local access streets. (See maps and lists in Appendix **BA**.)

**PT94.14** Build a dense grid of local access and collector streets to provide

~~motorists with~~ multiple ways to enter and exit neighborhoods instead of using arterial streets for trips within the neighborhood.

**PT94.15** Allow cul-de-sacs only when topographic and environmental constraints permit no other option. Cul-de-sacs that are built ~~should~~ will have a maximum length of 300 feet and be built with pedestrian and bike connections to adjacent streets<sub>7</sub> or to destinations such as schools, parks<sub>2</sub>, and trails wherever possible.

**PT94.16** Planned but still unbuilt street connections, or "stub outs," will be identified by Use signs at the location and in formal documentation, including plans and maps of newly platted areas. to identify planned but still unbuilt street connections or "stub outs" and to indicate the type of street that is planned. This information should also be shown on maps of newly platted areas.

~~**PT4.17** Create public bicycle and pedestrian connections for interim use when street connections are not completed with new development.~~

**PT94.178** Plan and identify street connections throughout the city in undeveloped areas to ensure they are eventually connected.

**PT9.184.19** Plan for adequate rights-of-way for future streets.

**PT9.194.20** Use traffic-calming devices to slow vehicles<sub>7</sub> where necessary, especially when new streets are connected to existing neighborhoods.

**PT9.204.12** If the City decides that a street connection will not be built, Bbuild bike and pedestrian pathways for safe and direct non-motorized access. Where street connections are not possible, build pathways. Minimum spacing should be based on block sizes defined in the Engineering Design and Development Standards.

~~**PT5.3** In the event that a street connection is not made for motor vehicles, priority will be given to pedestrian, bicycle, transit and emergency vehicle access.~~

~~**PT4.21** Develop measures to demonstrate the connectedness of an area and to help explain the value of new street or pathway connections. Measures may include intersection density, centerline miles per square mile, and a route directness index.~~

~~**PT9.21X.X** If stub-outs exist for a future street connection, bicycle and pedestrian access should be provided in the public right-of-way as an interim measure.~~

~~**GT5** Street connections to existing residential areas and in environmentally sensitive areas will be carefully examined before a decision is made to create a connection for motor vehicle traffic.~~

~~**PT4.17** Create public bicycle and pedestrian connections for interim use when street connections are not completed with new development.~~

~~**PT5.1** Seek to avoid street connections through wetlands or other critical areas by examining alternative street alignments. Fully mitigate impacts when a street connection in an environmentally sensitive area is determined to be the preferred option.~~





~~PT5.2 Carefully examine proposed street connections to existing residential neighborhoods. The developer, City, or County will analyze the street connection with the involvement of affected neighborhoods and stakeholders. Consideration will be given to the unique neighborhood character and context, particularly any direct impacts of a street connection on established neighborhoods. This analysis will determine whether or not to construct the street connection for motor vehicle traffic. Affected neighborhoods and other stakeholders will be consulted before a final decision is made and be involved in identification of any potential mitigation measures. As appropriate, this evaluation will include:~~

The Fairview Pathway connects Fairview Street to the Karen Fraser Woodland Trail.

- ~~1. Effects on the overall city transportation system~~
- ~~1. Effects on reduced vehicle miles travelled and associated greenhouse gases~~
- ~~2. Opportunities for making additional connections that would reduce neighborhood impacts of the connection being evaluated~~
- ~~3. Impacts on directness of travel for pedestrians, bicyclists, transit users, and motorists~~
- ~~4. Impacts on directness of travel for emergency, public, and commercial service vehicles~~
- ~~5. An assessment of travel patterns of the larger neighborhood area and volumes at nearby major intersections~~
- ~~6. An assessment of traffic volumes at the connection and whether projected volumes are expected to exceed the typical range for that classification of~~

street

- ~~7. Bicycle and pedestrian safety~~
- ~~8. Noise impacts and air pollution~~
- ~~9. Social justice issues and any impacts on the unique character of a neighborhood or effects on affordability of housing~~
- ~~10. Likelihood of diverting significant cross-town arterial traffic on to local neighborhood streets~~
- ~~11. Effectiveness of proposed traffic calming measures~~
- ~~12. The cost of a street connection and the cost of any alternative approach to meeting transportation needs if a street connection is not made~~
- ~~13. Consideration of the information in Appendix A of this chapter~~

~~**PT5.3** In the event that a street connection is not made for motor vehicles, priority will be given to pedestrian, bicycle, transit and emergency vehicle access.~~

~~**PT5.4** Address safety concerns on newly connected streets and build any needed improvements at the time when street connections are made. Define what constitutes safety improvements in the Engineering Design and Development Standards.~~

## **GT106 Pathways enhance the transportation network by providing direct and formal off-street routes for bicyclists and pedestrians.**

**PT106.1** Establish and improve pathways in existing built areas.

**PT106.2** Require new developments to provide direct bicycle and pedestrian pathways that connect to adjacent, developed properties. These will be at the same interval spacing as street spacing requirements or at closer intervals.

~~**PT10.3X-X** Use pathways to connect new development to adjacent schools, parks, trails, and shopping areas.~~

**PT10.46.3** Install signs at pathways to indicate they are open to the public and an official part of the transportation network.

**PT10.56.4** Coordinate with the sState of Washington to increase bicycle and pedestrian access through the Capitol Campus.

### **GT117 A network of regional and local trails enhances mobility for bicycles and pedestrians.**

**PT117.1** Work with regional jurisdictions to develop the on- and off-street trails network, as identified in the Thurston Regional Trails Plan.

**PT117.2** Increase access to trails by requiring or acquiring pathways, easements, or dedicated rights-of-way from new developments adjacent to current and future trails.

**PT117.3** Install signs that identify the trails network, public destinations, nearby streets, and transit routes consistent with regional policy.

## **System CapacityCompleteness and Concurrency**

One of the ways we gauge the quality of a community is how easily we get around. ThanksDue to the investments made by previous generations, it is relatively easy to get around by car in Olympia. We will maintain that system and seek ways to keep traffic flowing while also building a complete system for pedestrians, bicyclists, and transit users.

As our population increases, so too will demand for space on our streets. In addition to building roundabouts, which increase the efficiency of intersections,

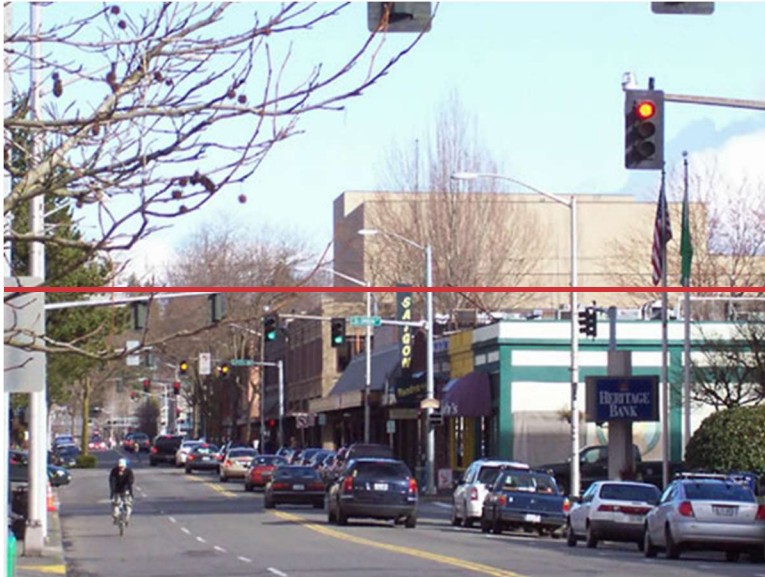
we will also make it more feasible for people to get around without driving. This includes building new street connections, sidewalks, enhanced crosswalks, enhanced bike lanes, bike corridors, and collaborating with Intercity Transit to support robust transit service.

All of these investments will increase the capacity of our transportation system. To keep the capacity in balance with new development, we will ensure that new transportation infrastructure is built “concurrently,” or at the same time, with new growth.

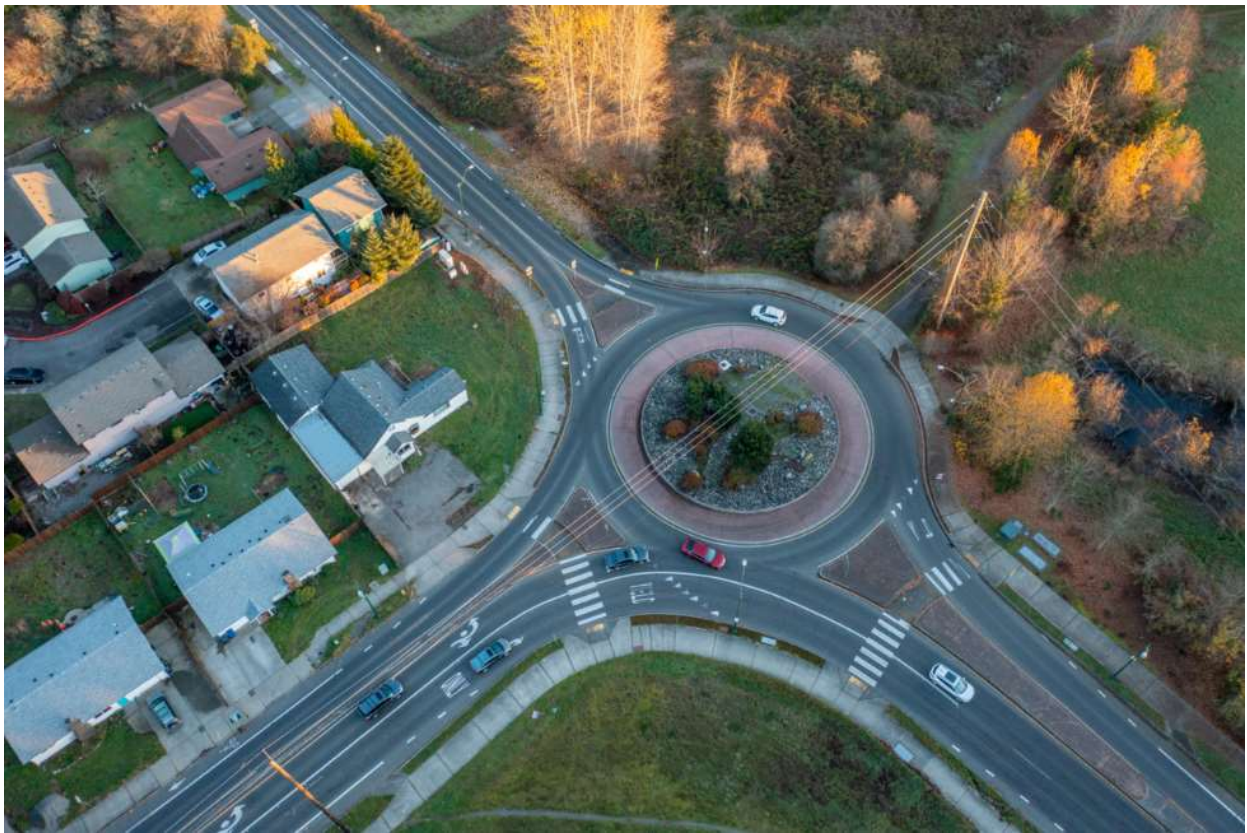
Olympia’s concurrency program is “plan-based,” meaning that we have defined the projects needed to keep the system’s capacity at pace with new development in the Transportation Master Plan. We also track our transportation system’s capacity for “person trips,” or all trips that people make, whether walking, rolling in a wheelchair, riding a bike, taking transit, or driving.

When new development occurs, we measure the number of person trips the development is expected to generate. We add capacity for that new development by building the projects defined in the Transportation Master Plan as concurrency projects. Those projects include sidewalks, bike corridors, street reconstruction, enhanced crosswalks, and roundabouts. Specific concurrency projects are shown in the City’s Capital Facilities Plan.

~~No one likes getting stuck in traffic. In Olympia, we are looking for new ways to add capacity—ways that retain the human-scale character of our streets—instead of adding more lanes.~~



Traffic and a cyclist move through downtown.



The roundabouts on Boulevard Road have kept traffic moving as the area has grown, allowing Boulevard to remain a two-lane street. The concept of concurrency means that as our community grows, we add "capacity" to the street.

The capacity of a transportation system is traditionally thought of as the space needed on our streets to move cars. In Olympia, we look at capacity more broadly and see it as our ability to move people.

The street system can move more people when more trips are made by walking, biking, or riding the bus. We will increase capacity on our streets by building facilities to support walking, biking, and transit. In many cases, adding roundabouts will be a key part of this approach.

Efforts to reduce auto trips, such as adding bike lanes and sidewalks and improving transit services will increase capacity on all major streets, but especially on strategy corridors (See Appendix H, the Corridor Map, for strategy corridors.)

The project list and maps in Appendix B include system capacity improvements for vehicles likely to be needed over the next 20 years.

Appendix I shows Traffic Forecast Maps of current and future traffic volumes.

## Goals and Policies

**GT128 In response to new growth, build new transportation infrastructure to address new person trips on the system. Impacts of new development on the transportation system are addressed by establishing network completeness standards that ensure that adequate transportation infrastructure is provided in concert with growth.**

**PT812.1** Implement a system completeness framework for transportation concurrency in which the supply of new transportation infrastructure that supports growth shall exceed the travel demand of new growth.

- Supply is defined by the concurrency project list identified in the Transportation Master Plan and reflected each year in the transportation concurrency project list identified in the Capital Facilities Plan
- Demand is measured by PM peak hour person trip generation
- Supply and demand are equated using “mobility units” as defined in OMC 15.20.020
- Mobility units of supply are considered available to support new development when the transportation improvement is fully funded, as identified in the Capital Facilities Plan

~~PT8.2 Consider signal upgrades and signal timing as standard ways to reduce congestion.~~

~~PT12.28.3 No street will exceed the width of five general purpose auto lanes (such as two in each direction and a center turn lane) mid-block when adding capacity to the street system. Turn lanes may be added as appropriate, with careful consideration of pedestrian and bicyclist safety.~~

~~PT12.38.4 Consider Prioritize roundabouts instead of over signals at intersections to maintain traffic flow.~~

~~PT12.48.5 Exempt transportation facilities and services of statewide significance from concurrency requirements per RCW 36.70A.070 (6). Proposed improvements to state-owned facilities will be consistent with the Thurston Regional Transportation Plan, and the State Highway System Plan, and the State Active Transportation Plan within Washington’s Transportation Plan.~~

**GT139** The impacts of new land-use development on the transportation system are mitigated appropriately.

**PT139.1** Require mitigation for the transportation impacts of new developments, which will be so that transportation level of service does not fall below adopted standards, except where policies allow consistent with the Transportation Master Plan and Street Safety Plan.

**PT139.2** Require new development to construct/build improvements or contribute funds towards measures that will to improve the function and safety of the streets, such as installing bike and pedestrian improvements/infrastructure, turn pockets roundabouts, or special lanes for buses, or roundabouts, or modifying traffic signals.



A bus stops on Capitol Way.





Bulb-out and streetscape built with new development in north downtown.

**PT13.39.3** Ensure a fair distribution of new transportation-related costs to new developments through imposition of impact fees.

**PT139.4** Use the [State Environmental Policy Act](#) to determine mitigation requirements for the impacts of new development on the transportation system.

**PT139.5** As the street system is improved with new development, cConstruct complete streets and maintain an urban form that is human scale, ~~when widening is necessary.~~

**GT140** On designated strategy corridors (see map in Appendix G), facilitate increased land use density. Prioritize improvements to transit service and the safety and comfort

**of walking, rolling, and biking, and eliminate transportation system inefficiencies.**

**PT140.1** Along strategy corridors, add bike lanes, and sidewalks, and curb ramps. Also improve transit services, along strategy corridors and use demand management measures, such as parking management. This is to ensure that transit, walking and rolling, and biking are attractive and easy to use during peak travel periods on all streets, especially strategy corridors.

**PT140.2** Expand the City's network of street connections, pathways, and trails to help relieve congestion.

## Land Use

The land use and transportation goals and policies of this plan are interconnected. When attractive housing is close to jobs, services and stores, trips are short and easy to make without a car. Transit stops can be close by and convenient for longer trips outside the neighborhood. In compact, mixed-use areas, it is easier for people to walk or, roll, bike, and ride the bus than it is to drive, reducing our dependency on our cars.

The dense, mixed areas we are trying to achieve are made more attractive, comfortable, and functional when streets have wide sidewalks, safe pedestrian crosswalks, curb ramps, enhanced bike lanes, and the bus is convenient. We can optimize our investments in the transit system by locating a mixture of dense land uses along our major bus routes. Without the coordination of land use and transportation, we will see worsening congestion and, an increase in greenhouse gas emissions, and degradation of pedestrian space adjacent to vehicle lanes. continue to rely on our cars, congestion will worsen, streets will be wider and unfriendly, and more parking will be needed.



An attractive sidewalk along a major bus route.



An attractive sidewalk along a bus route downtown that has bike racks and street furniture.

## Goals and Policies

**GT152** The transportation system provides attractive walking, rolling, biking, and transit options, so that land use densities can increase without creating more traffic congestion.

**PT152.1** Build a system that encourages walking, rolling, biking, and transit to reduce car trips and help achieve our land-use density goals.

**GT163** A mix of strategies is used to concentrate growth in the city, which both supports and is supported by walking, rolling, biking, and transit.

~~PT163.1 Consider increasing allowed densities in the downtown core and along parts of the urban corridors, where walking, rolling, biking, and transit are more viable for the majority of trips people need to make. while maintaining lower densities in the periphery of the City.~~

~~PT13.2 Consider a geographically influenced impact fee based on costs that would likely incentivize development or redevelopment in the downtown core and along parts of the urban corridor.~~

~~PT163.23 Consider incentives to address the specific challenges downtown redevelopment faces. Continue to support incentives to redevelop in downtown, along urban corridors, and in focus areas such as the Capital Mall Triangle, the Lilly/Pacific area, and the Lilly/Martin area.~~

**PT16.33.4** Promote infill in close-in neighborhoods and increased land-use density in activity centers and downtown to reduce sprawl, car trips, and to

make the best use of the existing transportation network.

**PT16.43.5** Allow housing in commercial and employment areas to reduce ~~commute and errand distances, and encourage alternatives to driving.~~ how far people have to travel to meet their needs.

**PT16.53.6** Allow neighborhood centers in residential areas to reduce ~~commute and errand distances and encourage alternatives to driving~~how far people have to travel to meet their needs.

~~**GT14** Greater density along priority bus corridors optimizes investments in transit and makes transit an inviting mode of travel. (See Appendix H, the Corridors Map, for bus corridors.)~~

~~**PT14.1** Encourage transit-supportive density and land-use patterns along priority bus corridors, through zoning, incentives, and other regulatory tools.~~

~~**PT14.2** Encourage schools, public services, major employers, and senior and multi-family housing to locate along priority bus corridors, as they tend to benefit from the availability of public transit.~~

~~**PT14.3** Enhance the gridded street network of small blocks adjacent to bus corridors to improve access to transit.~~

**GT175** The urban corridors of Martin Way, Pacific Avenue, east 4th and State Avenues, Capitol Way/Boulevard and portions of Harrison Avenue, Black Lake Boulevard and Cooper Point Road are areas where a large portion of trips are made by walking, rolling, biking, and transit. (See

**Appendix H-G Corridor Map for urban corridors. See Land Use and Urban Design chapter for specific land use designations.)**

**PT175.1** Retrofit ~~City~~ streets in urban corridors to City Street Standards to attract new development and increase densities.

~~**PT175.32X** Enhance the gridded street network of small blocks adjacent to bus urban corridors to improve access to transit.~~

~~**PT175.3X** Encourage increased density and land-use patterns along urban corridors through zoning, incentives, and other regulatory tools.~~

~~**PT17.45.X4.2** Encourage schools, public services, major employers, and senior and multi-family housing to locate along urban priority bus corridors, as they tend to benefit from the availability of public transit.~~

~~**PT15.2** Work with the State of Washington to include urban corridors in the state's preferred leasing area, so that state employees can easily walk, bike or take public transit to work.~~

**PT17.55.3** Encourage public agencies to build in the urban corridors to support the City's transportation-efficient land use goals, so community members and employees can easily walk, roll, bike, or take public transit to these buildings. Work with the state of Washington to include urban corridors in the state's preferred leasing area.

**PT17.65.4** Partner with the cities of Lacey and Tumwater to pursue the coordinated transportation and land use objectives identified for the urban

corridors.



A person walks on the tree-lined sidewalks of Briggs Drive.

**GT186 Streets are public space, where people want to be.**

**PT186.1** Design streets to preserve or enhance the unique qualities and “sense of place” of a neighborhood or district.

**PT186.2** Design streets as gathering spaces and ~~destinations, and destinations~~ and highlight their cultural and natural features.

**PT186.3** Look for opportunities to create multi-use, public spaces along streets and encourage public and private efforts to make these places unique and memorable.



An Intercity Transit bus leaving the Olympia Transit Center.

## Transit

We can use bus service for many of the routine trips we make, which reduces and significantly reduce congestion and emissions. As traffic increases, transit will be an efficient way to move more people on the same streets.

Intercity Transit is the primary public transit operator for Thurston County, and its strong partnership with the City will be critical to meeting community transportation needs.





~~People board a bus at the downtown Olympia Transit Center.~~

~~In the near term, Olympia envisions high-frequency service of at least 15-minute headways along urban corridors (see GT 17), where the land use will allow people to be able a distinct system of "bus corridors:" major streets with high quality, frequent service that will allow people to can use transit more spontaneously. Bus service will also be vital for maintaining mobility along strategy corridors, shown on the map in Appendix G. If congestion on these corridors impacts bus scheduling, we will prioritize transit's mobility.~~

~~The first priority for bus corridor development will be along strategy corridors. See the Corridor Map in Appendix H for bus corridors and strategy corridors.~~

~~Building Supporting high-frequency service bus corridors~~ is a major new commitment in which the City and Intercity Transit will jointly invest. Intercity Transit will provide fast, frequent and reliable bus service along these corridors, and the City will provide operational improvements, ~~such as longer green time at traffic signals~~ to prevent bus delays in congestion. Attractive streetscapes, ~~pedestrian-enhanced~~ crosswalks, ~~ings~~ and sidewalks will ~~enhance-improve~~ people's access to transit. The City will also encourage a mix of land uses and increased densities along these corridors to increase ridership.

~~Bus-These~~ corridors will ~~also be planned as serve as~~ regional connectors between

Olympia, Lacey, and Tumwater. ~~—~~To sustain the level of service for transit in these corridors, increased residential and commercial density of development is needed. They will ideally connect with similar corridors in Lacey and Tumwater.

Over the long term, Intercity Transit and the communities it serves will together carry out the most current [long-range transit plan](#) and the [Thurston Regional Transportation Plan](#) ~~—~~.



A bus travels over the 4<sup>th</sup> Avenue Bridge.



A bus on Franklin Street.

## Goals and Policies

**GT197 Bus-Urban corridors have high-quality transit service, allowing people to ride the bus spontaneously, and easily replace car trips with trips by bus.**

**PT197.1** Develop a system ~~of bus corridors~~ with fast, frequent, and predictable service on urban corridors. Transit service should operate at least every 15 minutes on weekdays where surrounding land uses call for it.

~~**PT17.2** Achieve density and mix of land uses along bus corridors to support increased ridership and frequent service.~~

~~PT17.3 Formalize bus corridors through a joint agreement between Intercity Transit and the City of Olympia, with efforts to include Lacey and Tumwater.~~

**PT19.24** Coordinate with Intercity Transit to give traffic signal priority to buses, build bypass or exclusive transit lanes, and take other measures designed to speed bus service.

**PT19.37.5** Ensure street, site, and building designs are well-planned for pedestrian use along bus-urban corridors.

~~PT17.6 Integrate transit and bicycle network planning and require bicycle end-of-trip facilities, such as bike parking, along bus corridors.~~

**PT19.47.7** Eliminate minimum parking requirements along bus-urban corridors.

~~PT17.8 Give priority to sidewalks and mid-block pedestrian crossings that enhance access and safety on high frequency bus corridors.~~

**GT2018 Intercity Transit's short- and long-range plans are supported.**

**PT2018.1** Support Intercity Transit's existing and planned services and facilities by ensuring that street standards, system operational efficiencies, land uses, and site design support transit along current and future routes.

**PT2018.2** Coordinate with Intercity Transit on bus stop locations so they are safe, accessible, and inviting for pedestrians and bicyclists.

~~**PT20-18.3** Build in-lane bus stops instead of bus pullouts to help keep transit on~~

time.

**PT~~2018~~.3** Consult with Intercity Transit when new developments are being reviewed so that current and future bus routes can be accessed by transit vehicles.


**PT~~2018~~.4** Make transit more inviting by designing transit access at major destinations such as worksites, schools, medical facilities, and shopping complexes in a manner that allows efficient access for buses, ~~while~~ Also outlacing bus stops in locations that are more convenient than parking areas.

**PT~~2018~~.5** Coordinate with Intercity Transit in requiring developers to provide facilities that help transit riders easily walk, roll, or bike to and from stops, such as shelters, awnings, bike parking, walkways, benches, and lighting.

**PT~~2018~~.6** Encourage Intercity Transit to provide service to passenger rail stations or other intermodal facilities.

**PT~~2018~~.7** Explore opportunities for circulator transit routes to enhance connectivity between urban corridors, their adjacent neighborhoods, and the city center.

**GT~~2119~~ The region is prepared to advance high-capacity transportation.**

**PT~~2119~~.1** Work with Intercity Transit and the [Thurston Regional Planning Council](#)  to plan for long-range, high-capacity transportation in Thurston County.

**PT2119.2** Preserve significant rail corridors threatened with abandonment as identified in the [Regional Transportation Plan](#).

**PT2119.3** Integrate land use and high-capacity transportation planning so that dense urban centers are developed around multi-modal transit stations, and coordinate this regionally.

**PT2119.4** Encourage the Washington State Department of Transportation and the [Thurston Regional Planning Council](#) to identify and address deficiencies in regional commuter services.

**PT2119.5** Achieve the land-use densities and mixed uses necessary to build ridership needed for high-capacity transportation.

## **GT220 The rail system can move materials over long distances efficiently and inexpensively.**

**PT220.1** Work with regional partners and the Washington State Department of Transportation to support and expand freight rail in the region.

## **Walking and Rolling**

This plan aims to make streets safe and inviting for walking or rolling in a wheelchair for more people. The City can accomplish this over time by designing streets that are “human scale,” or places where people can enjoy walking or rolling, sitting, ~~and~~ or interacting with others. –Building and retrofitting streets by planting trees, creating landscaped strips, and installing decorative lighting

can encourage people to walk or roll and create an active street life.

When streets are designed for people, rather than dominated by cars, neighbors interact, businesses thrive, and people feel more engaged in their community. All of this can stimulate activity, attract development, and improve people's the quality of life, even as the population increases.



~~A new sidewalk is buffered by a planter strip and street trees on San Francisco Avenue.~~



The rebuilt sidewalk on Franklin Street included some public art elements to make walking more inviting.

Well-designed sidewalks are integral to a community's transportation network because they separate pedestrians from motor vehicles, and they provide a flat and predictable surface for walking or rolling. For those with-using walking aids, sidewalks and curb ramps significantly enhance acesstheir ability to get around. ~~Sidewalks invite people to gather and interact in public space right outside their front door. Sidewalks provide safe places for children to walk, run, skate, and play.~~

Appendix C includes a map of sidewalk projects based on the City of Olympia Sidewalk Program ~~+~~ (2003).





A flashing beacon at a crosswalk on Olympic Way will alert motorists to pedestrians.



The flashing beacons, island, and crosswalk marking make crossing East Bay Drive at Olympia Avenue safer and more inviting.

Another important safety factor for walkers-pedestrians is to ensure that streets are easy to cross. Enhanced crosswalks~~Pedestrian crossing improvements~~ shorten the crossing distance, increasemake pedestrians more visible-visibility of

~~walkers\_ to drivers, and offer other safety features to make crossing the street more comfortable. motorists, increase crosswalk law compliance, and enhance the safety and comfort of pedestrians.~~

~~The sidewalks and enhanced crosswalks we plan to build are outlined in the Transportation Master Plan.~~

## Goals and Policies

**GT231** Walking and rolling is safe and inviting, and more people walk or roll for transportation.

**PT231.1** ~~Encourage walking and educate people about walking safety and the benefits of walking. Support education, encouragement, and enforcement programs to promote and improve the safety of walking.~~

**PT231.2** Ensure City Street Standards~~City street standards~~ reflect the importance of walking and rolling for transportation and recreation.

**PT231.3** Build new streets and retrofit existing streets to be more inviting for walking and rolling with sidewalks, enhanced ~~crosswalksing improvements~~ and streetscape ~~enhancements~~improvements.

**PT23.41-X** ~~Keep streets and lanes as narrow as possible, including at intersections.~~

~~PT21.4 Allow property developers to pay a fee in lieu for sidewalks in certain instances so that sidewalks and other pedestrian improvements can be constructed in the locations they are most needed.~~

~~PT231.5~~ Consider the needs of people walking and rolling in all aspects of street operations and maintenance.

~~PT231.6~~ Use construction practices that provide safe access for pedestrians. When roadway closures are necessary for construction, provide a reasonably direct route through or around the construction area for people walking or rolling.

~~PT231.7~~ Require direct, safe, and convenient pedestrian access to commercial and public buildings from sidewalks, parking lots, bus stops, and adjacent buildings.

~~PT231.8~~ Explore the expanded use of alleys for pedestrian travel.

**GT242 Sidewalks and curb ramps make streets safe and inviting for walking and rolling.**

~~PT242.1~~ Build all new streets with inviting sidewalks on both sides of the street and curb ramps at intersections.

~~PT242.2~~ Focus City sidewalk construction on major streets, where heavy traffic volumes and speeds make it difficult for walkers-pedestrians to share space with motor vehicles. ~~Prioritize sidewalk construction projects based on street conditions, transit routes, and the proximity to destinations such as schools.~~

~~PT22.3~~ Retrofit selected smaller local access streets within neighborhoods with

~~sidewalks to address unique conditions, such as: limited sight distance; the need for access to bus stops, schools and parks; or, because no other parallel street exists nearby to provide a safe walking route.~~

**GT253** ~~Pedestrian crossing improvements~~Enhanced crosswalks remove barriers for ~~walkers-pedestrians~~ on major streets, especially largewide streets with high vehicle volumes. Enhanced crosswalks have features such as islands, flashing beacons, or bulb-outs that either raise driver awareness or shorten the distance people need to cross.

**PT253.1** Build new major streets to include enhanced crosswalks every 300 feet between signals and roundabouts.

**PT 253.2** ~~and r~~Retrofit existing streets~~streets~~ with the enhanced crosswalks identified in the Transportation Master Plan.

**PT 253.3** Add bulb-outs on new streets with on-street parking to increase pedestrian safety. ~~crossing islands and "bulb-outs" to increase pedestrian safety.~~

**PT23.2** ~~Raise driver awareness of pedestrians at crosswalks on wide, high-volume streets using blinking lights, flags, signs, markings, and other techniques.~~

**PT23.3** ~~Add safe, mid-block crossings for pedestrians to new and existing streets. This is especially important on major streets that have long distances between stop lights, and those with high frequency transit service.~~

**PT253.4** Design intersections to make pedestrian crossing safety a priority: minimize the crossing width, make pedestrians more visible ~~with bulb-outs,~~ improve lighting, make signal changes and lighting, and minimize "curb radii"

(sharper corners instead of sweeping curves). Prioritize pedestrian safety over adding turn lanes.

~~PT23.5 Consider the use of pavers or colored, patterned concrete on crosswalks in commercial or mixed use areas to increase motorist awareness of pedestrians and to improve the appearance of an area, without negatively affecting cyclists or pedestrians.~~

**PT253.56** Consider the needs of the elderly and disabled in all crosswalk design and signal timing.



Streetscape enhancements include awnings, trees, and wide sidewalks.

**GT264** Streetscapes buffer walkers-pedestrians from motor vehicle traffic, enhance the experience of walking and rolling, and increase the attractiveness of an area.

**PT264.1** Separate sidewalks from motor-vehicle traffic with buffers of trees and landscaping. Consider integrating green stormwater infrastructure in buffers as appropriate.

**PT264.2** Allow on-street parking as a buffer, where appropriate, between ~~walkers-pedestrians~~ and motor-vehicle traffic.

**PT264.3** Provide sidewalks wide enough to include the “streetscape” elements and space needed to support active street life. In busy pedestrian areas, install benches, artwork, and other features to make streets interesting and inviting, while maintaining safe walking surfaces and adequate space for those in wheelchairs.

**PT264.4** Require continuous awnings over the sidewalk along building frontages in densely-developed areas to protect pedestrians from weather; encourage them everywhere else.

**PT264.5** Use pedestrian-scale lighting to make sidewalks feel safe and inviting at night.

**PT264.6** ~~Use~~**Consider** City investments to retrofit streets and add wide sidewalks and streetscape improvements as a method of drawing development to targeted areas.

~~**PT24.7** Develop streetscape plans for commercial and mixed use areas.~~

**PT26.74.8** Integrate inviting bus stops and shelters into streetscape design.

## **Bicycling**

Bicycling is an efficient, inexpensive, and emissions-free way of getting around our community. Ebikes allow more people to bicycle even in our

~~hilly terrain. clean, economical, efficient, and ideal for trips within our community. With the right infrastructure that minimizes interactions between bicyclists and drivers, more people will choose to ride their bikes instead of drive.~~

~~As with walking, the vision of this plan is to consider biking as a valuable mode of transportation, and to make the safety of bicyclists a high priority. Because bicyclists have access to the same streets as drivers, they must have both the same rights and responsibilities.~~



~~A bicyclist approaches the 4<sup>th</sup> Avenue Bridge.~~



A family bikes on the 11th Avenue Pathway.

The Transportation Master Plan outlines a low-stress bike network that is spaced about every half mile. When the network is built out, no one will ever be more than a quarter mile from one of the routes. The network is made up of enhanced bike lanes that offer greater separation from vehicles than traditional bike lanes, bike corridors on quiet, neighborhood streets, and trails.

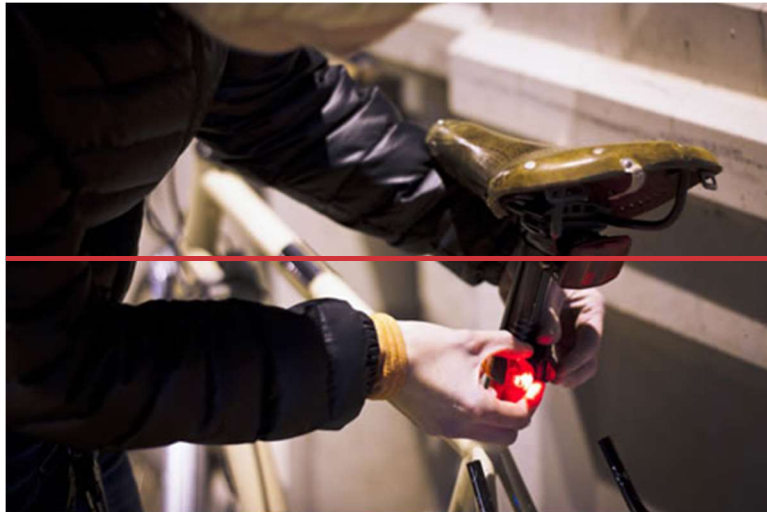
~~A well-connected network of facilities for bicyclists is the key to increasing the use of bicycles for regular transportation. A bicycle network includes bike lanes, signs and markings, trails, pathways, and bicycle parking. An~~This ~~effective network~~ willis also be supported by maintenance and operations practices that remove barriers to bicycling.

~~Providing bike lanes on existing streets is a cost-effective way to create separate,~~



~~safe spaces for bicycling, especially where vehicle volumes are high and motorists and bicyclists need a predictable system for sharing the street. (Appendix D shows the list of bike lane projects identified in the [Bicycle Master Plan](#) and a map illustrating the existing and future bicycle network.)~~

~~Education, enforcement and encouragement can both improve bicycle safety and encourage more people to bike. Programs are needed to raise awareness of the benefits of bicycling, teach urban cycling skills to adults, teach children to be safe riders, and let all roadway users know what their responsibilities are.~~



~~A bicyclist adds a red light to her bike to be more visible by motorists.~~



A bicyclist rides down the 4th Avenue Bridge.

## Goals and Policies

**GT275** ~~Bicycling is safe and inviting, and many people use their bikes to both travel and stay active~~ more people bike for transportation.

~~PT27.15.X~~ ~~PT25.1 Retrofit streets to provide safe and inviting bicycle facilities. Use the Bicycle Master Plan (2009) to guide facilities development, but look for other opportunities to provide bicycle facilities where possible.~~

Build a network of low-stress bike routes on half-mile spacing, so no one is ever more than a quarter mile from one. Low stress bike facilities will include enhanced bike lanes on major streets, standard bike lanes and/or bike corridors on smaller streets, trails, pathways, and special treatments to help a wider range of people feel comfortable riding bicycles.

**PT27.25-2** Ensure new streets are built with appropriate bicycle facilities for their ~~Build bike lanes on new major streets: arterials, major collectors and selected neighborhood collectors. Bike facilities planned for specific classification, whichs of streets~~ are defined in the [Engineering Design and Development Standards](#) ~~□~~.

~~**PT25.3** Use signs and markings to alert drivers to the presence of bicyclists, to guide bicyclist and motorist behavior, and to guide bicyclists to destinations.~~

~~**PT25.4** Explore the use of bicycle boulevards to support novice and family bicycling — streets with low volumes and special accommodations for bicycling.~~

~~**PT25.5** Make pedestrian crossing islands large enough for families cycling together.~~

**PT27.35-6** Consider the needs of bicyclists in all aspects of street operations and maintenance, including signal system operations.

**PT27.45-7** Use construction and maintenance practices that provide safe access for bicycle travel. When roadway closures are necessary, provide for a reasonably direct bicycle route through or around the construction area.

**PT27.55-8** Require new commercial developments, public facilities, schools, and multi-family housing to provide appropriate bike parking~~end-of-trip facilities for bicyclists~~, including covered bike racks and lockers.

**PT27.65-9** ~~Support~~ Use education, ~~encouragement~~ encouragement, and enforcement programs to promote and improve the safety of ~~and promote~~ bicycling.

~~**PT25.10** Partner with businesses, schools, developers, and employers to support bicycling through site and building design, end of trip facilities and programs to promote bike use.~~

~~**PT25.11** Educate people about biking and walking in order to reduce motorized travel and make the best use of the City's investments in infrastructure.~~

**PT27.75-12** Educate ~~drivers~~ the public about street safety and behaviors that ensure and enforce regulations that protect the safety of bicyclists and pedestrians.

~~**PT25.13** Educate bicyclists and walkers about their responsibilities as users of the street system.~~

## Transportation and Demand Management

When people drive less, there are fewer greenhouse gas emissions, less demand for space on the streets, and less traffic congestion. In recent years, people appear to be driving less than they used to. Several factors influence this, including online shopping and increased remote work in the wake of the Covid-19 pandemic.

Strategies to reduce driving are called "demand management," and they have long been a goal of the state's Commute Trip Reduction Law. They range from managing the costs of parking to make them more visible to drivers, or

incentivizing people to car- or van-pool, ride the bus, bicycle, walk or roll to their destinations.

~~When more people ride the bus, carpool, walk, and bike for their daily commute, traffic congestion, pollution, and energy consumption are reduced. We also save money and get more exercise.~~

In the past, many demand management policies focused on commute trips because they were predictable and made by large numbers of people. Fewer commute trips are made in our community now, so we will focus on making it easier for people to not drive for all types of trips.

~~In addition to supporting fare-free transit and building better infrastructure to support walking, rolling, and biking, we will also encourage Many current community efforts focus on helping both workers and students find alternatives to driving alone. Ridematch programs link carpoolers and help set up long-distance vanpools. Frequent bus service to major work sites makes the bus more inviting. Bike lanes, bike parking and networks of trails, sidewalks and safe crossings encourage people to walk and bike.~~


~~Commute trip reduction efforts focus on employee and student commute trips because these trips are predictable and are made by large numbers of people. A successful change in these travel habits can have a positive impact on our streets.~~

~~We need school programs —as well as bicycle and pedestrian friendly streets— to encourage~~help~~pe\_~~ students to walk, roll, bike, carpool, or take the bus to school. Large numbers of students and parents driving to and from school can create congestion and safety issues for students.

By reducing driving trips ~~overall~~overall, we can increase density, both for housing and employment, without increasing traffic.



~~State employees cross Capitol Way at the Tivoli Fountain.~~

~~Washington state's 1991 Commuter Trip Reduction Law  called on workers to reduce their drive-alone commuting. Since then, commute trip reduction programs have focused on large worksites in the most congested areas of the state.~~



~~When we reduce drive-alone commuting, we make the best use of existing streets and reduce the need for costly new lanes. And, when more people walk, bike, carpool and ride the bus, we can increase land-use density without increasing traffic.~~

Teenagers getting on an Intercity Transit bus.

## Goals and Policies

**GT286** Walking and rolling, biking, riding the bus, ~~and~~ carpooling, and vanpooling -are convenient for ~~trips all~~ trips, including to work or school. Fewer drive-alone trips will reduce pollution, ~~energy consumption,~~ and ~~the growth~~ in traffic congestion.

**PT286.1** Help affected employers in the region meet the goals of the State's [Commuter Trip Reduction Law](#).

**PT286.2** Support the State's [Commuter Trip Reduction Law](#) with City policies and programs that encourage ridesharing, transit, walking, [rolling](#), and biking.

**PT286.3** Work with the State to locate new worksites in the City's dense urban area, in locations where frequent transit is possible, and where employees can easily walk, [roll](#), and bike.

~~**PT26.4** Encourage all employers in the City to reduce employee drive-alone commute trips. Provide specific emphasis for worksites in the City Center.~~

~~**PT26.5** Provide infrastructure to support walking, biking, transit, and ridesharing for commuting.~~

~~**PT26.6** Encourage areas, such as malls, with high concentrations of employees, to develop coordinated commuter programs to reduce drive-alone commuting.~~

**PT28.46.7** Work with community partners ~~to that~~ provide programs, [services](#), and incentives that ~~will~~ promote transit, ridesharing, walking, [rolling](#), and biking.

~~**PT28.56.8** Encourage employers and schools to stagger start times to reduce peak hour traffic volumes.~~ Encourage employers to allow flexible work schedules ~~for on-site workers~~, so ~~employees they~~ can more easily ~~take advantage of ride~~ transit ~~and or use~~ ridesharing opportunities.

**PT28.66.9** Encourage employers to ~~allow support~~ telework commuting and compressed work weeks ~~to eliminate commute trips~~.



**PT28.76.10** Give City employees high-quality commuter services and incentives, while limiting parking availability, as a way to discourage drive-alone commuting.

~~PT26.11 Require end of trip facilities, such as clothes lockers, showers and bike parking for walking, biking and transit users at schools and worksites.~~



~~Students participate in a Walk and Roll event.~~



[A family riding bikes home from school.](#)

**PT28.86-12** Encourage students to walk, roll, bike, and-or rideshare to reduce congestion near schools, to introduce them to transportation options, to encourage more exercise, and, at high schools, reduce the need for parking.

**PT28.96-13** Coordinate City and school district policies to site new schools in locations where students can easily walk or bike to school, and where school employees and students can commute on public transit. Consider multi-story

buildings on smaller lots to accommodate capacity needs closer to the urban core and to reduce disruption to the street grid.

**PT28.106.14** Provide sidewalks, bike lanes, trails, pathways, and crossing facilities near schools to encourage students to walk and bike.

~~PT26.15~~ Educate the public about travel options and how these choices benefit them, the community, and the environment.

**GT297** Parking is provided in a way that makes its costs more clear to the driver, so people can make better-informed choices about whether to drive. ~~reduces the number of employees who commute alone by car.~~

~~PT297.1~~ Manage the cost and supply of parking to prioritize on-street parking for customers over commuters. Discourage drive-alone commutes by managing the cost and supply of public parking, but give priority to parking for business patrons.

~~PT297.2~~ Where paid parking exists, develop policies to ensure that people pay for parking the day or hour each time they use it.; ~~and a~~ Avoid the sale of weekly, monthly, or yearly parking privileges permits, so that people make the decision to drive on a daily basis. This may make them more inclined to walk, roll, bike, or take transit.

~~PT27.2~~ Establish parking standards that meet the needs of business patrons, but do not result in cheap and readily available parking for employees.

**PT297.3** Work with ~~adjacent cities and the~~ sState of Washington on consistent parking strategies to help meet the commute trip and vehicle miles reduction ~~commute trip reduction~~ goals of the region. This will also ensure that parking standards do not act as a deterrent to the location of development.

~~PT27.4 Collaborate to establish more park and ride lots in the region.~~

## Funding

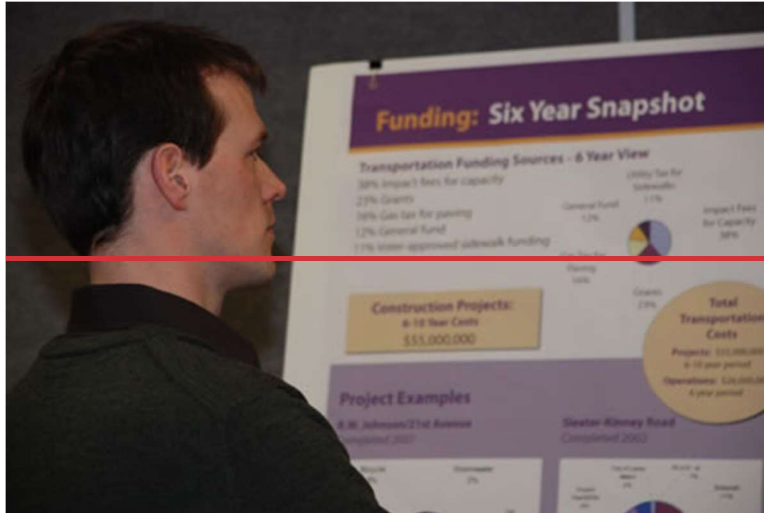
~~The funding sources we'll need to realize our transportation vision must be developed over time. As the economy changes, our population fluctuates, and funding circumstances change, the City will need to be flexible and resourceful about funding opportunities, while keeping the vision of this plan in mind.~~

~~Olympia's transportation Funding for transportation comes from local, state, and federal, state and local sources. Many projects need funds from different sources, which requires being nimble to match funding opportunities to projects. Each year, the City updates its Capital Facilities Plan to show our best estimate for how new projects will be funded.~~

~~Funding Information on how the City spends transportation dollars is defined in the annual operating budget and the Capital Facilities Plan [↗](#).~~

~~The City's operating budget allocates funds for maintenance of streets, signals and other aspects of the transportation system can be found in each year's operating budget, which is primarily funded through the . The City's General Fund pays for operations; this fund is made up of taxes and fees.~~

~~The Capital Facilities Plan [↗](#) defines City construction projects for a six-year period and identifies funding sources. Capital projects are paid for with a combination of grants, fees such as impact fees, General Fund dollars, gas tax revenues, stormwater utility rates, and private utility taxes.~~



A resident learns about transportation funding at a public workshop

~~It will be important for the City to evaluate potential new funding sources such as:~~

- ~~• A commercial parking tax~~
- ~~• Local improvement districts~~
- ~~• Motor fuel taxes (levied County-wide)~~
- ~~• Transportation benefit districts.~~

~~However, each potential source must be carefully weighed for its legality, stability, fairness, and administrative complexity.~~

~~The projects shown in lists and maps in Appendix B, C and D reflect the vision of this plan, but may not be achievable within the 20-year horizon of this plan. The full network needs are described to provide a comprehensive view of the system we envision, and to be prepared for funding or other opportunities that would allow us to complete this work.~~

## ~~Goals and Policies~~

**~~GT28 Transportation facilities and services are funded to advance the goals of the City and the region.~~**

**~~PT28.1~~** Make it a high funding priority to enhance the operational efficiency of the City's transportation system.

**~~PT28.2~~** Plan and prioritize projects so they are consistent with available and projected funding to advance the community's transportation vision.

**~~PT28.3~~** Use master plans, sub-area plans and facilities programs to identify improvements to our transportation system and how to fund them.

**~~PT28.4~~** Continue to be innovative with the use of existing funds and explore new funding sources for transportation.

**~~PT28.5~~** Support and partner with other agencies to obtain funding to improve public transportation services.

**~~PT28.6~~** Use public and private funds to advance transportation priorities and meet the needs of new trips in the system.

**~~PT28.7~~** Explore adding multimodal capital improvements to the list of projects that can be funded by impact fees, such as transit priority at signals, transit queue jump lanes, and pedestrian and bicycle improvements.

**~~PT28.8~~** Partner with community organizations to help complete projects.

**~~PT28.9~~** Encourage action at the federal and state level to address transportation funding needs for cities.

~~PT28.10 Focus transportation investments along urban corridors and in the city center to help stimulate development and achieve land use densification goals.~~



~~RW Johnson Boulevard is rebuilt.~~

**GT3029** The transportation system is maintained at the lowest life-cycle cost to maximize the City's investment in its infrastructure.

**PT3029.1** Schedule regular maintenance of the City's transportation system for efficiency, ~~and~~ greater predictability, ~~and~~ to reduce long-term costs.

~~PT30.2-29.X~~ As we improve our streets with new features such as sidewalks and enhanced bike lanes, ~~Develop a long-term strategy to better fund the maintain~~ maintenance of these facilities. ~~sidewalks.~~

~~PT29.2 Protect street pavement by resurfacing streets with low cost treatments before they deteriorate to a point that requires major reconstruction.~~

~~PT29.3 Require property owners to maintain their sidewalks and planter strips.~~

## **Regional Planning and Corridors**

Many long-term transportation issues require regional coordination to be resolved. Regional issues that will require Olympia's attention include trails, transit, ~~capacity street connections, regional corridors and safety of regional corridors~~, highway access, ~~rail, passenger and freight rail, commuter services and park-and-ride lots~~, and the use of the marine terminal. In some cases, Ffunding strategies will also require regional coordination.

The [Thurston Regional Transportation Plan](#) ~~is~~ is the blueprint for the region's transportation system, and it identifies projects and issues for regional attention. It is based on land use forecasts and regionally established priorities, and it places heavy emphasis on the ~~connections~~ relationship between land use and transportation planning. The City is responsible for addressing the individual projects that emerge from the Regional Transportation Plan.

A longstanding policy in both the Regional Transportation Plan and Olympia's Comprehensive Plan has been to support urban corridors and strategy corridors, which are shown on the map in Appendix G.

**Urban corridors:** these are an integrated land use and transportation concept aimed at reducing sprawl and car dependence. The goal of urban corridors is to create attractive urban neighborhoods where people can walk, roll, or use transit to meet their daily needs. The land use designations along these streets vary (see Future Land Use Map in the Land Use Chapter), to promote a gradual increase in density. As the land use densifies, we will build a multimodal transportation system that minimizes new vehicle trips.



**Strategy corridors:** most strategy corridors are also within urban corridors. These are streets where vehicle congestion may be heavy, but we will look to options other than widening to improve mobility. Some of those options might include adding roundabouts or making improvements to prioritize transit, such as adding queue jump lanes or extended green times for buses.



A bus waits for passengers at the Olympia Transit Center.



An Intercity Transit bus going through the lower roundabout on its way to the westside.

## Goals and Policies

**GT310** Olympia engages with neighboring jurisdictions to advance common goals and solve regional problems.

**PT310.1** Use this Comprehensive Plan and the [Thurston Regional Transportation Plan](#) to guide regional transportation decisions.

**PT310.2** Establish and maintain compatible street standards with Thurston

County and the cities of Lacey and Tumwater.

**PT319.3** Work with the cities of Lacey and Tumwater and Thurston County to develop ~~bus-urban~~ corridors.

**PT319.4** Work with neighboring jurisdictions to develop trails and their supportive infrastructure, such as signs, bathrooms, and pathways to connect trails to neighborhoods, schools, parks, shopping, and other essential places people need to go to.

**PT319.5** Work with neighboring jurisdictions to improve freight, rail, and truck mobility.

**PT319.6** Coordinate with the Port of Olympia on truck access routes, freight rail, and, as needed, on air and water transportation needs.

**PT319.7** Work with regional jurisdictions to develop a funding strategy for the regional transportation network.

**PT319.8** Coordinate with adjacent jurisdictions and the [Thurston Regional Planning Council](#) ~~on~~ on regional transportation and land-use goals.

**PT319.9** Work with Lacey and Tumwater to promote dense commercial and residential development in urban centers and along urban corridors.

**PT319.10** Work with the region to support the infrastructure needs of electric vehicles or other alternative fuel vehicles.