

CLIMATE CHANGE

Our changing climate affects the region's transportation system and our decisions on where to go and how to get there.



By 2050
we're expecting:

94°F average high temperature in August

22% drop in summer rainfall

5 more days of heavy rainfall in the winter

- larger more frequent wildfires**
- longer & hotter summer droughts**
- more frequent flooding** (including in downtown Olympia)

We Need to Prepare for:

- Road closures and detours due to summer wildfires
- Road closures and detours due to winter storm flooding and damage
- More expensive road repairs and construction projects



Regional 'To-Do' List:

- ❑ Transition to alternative vehicle fuels, including electricity
- ❑ Make using public transportation easier and more convenient
- ❑ Expand and improve the trails, pathways, and sidewalk networks to make it more inviting for pedestrians, bicycles, and micromobility devices (electric scooters, hover boards, etc.)
- ❑ Encourage shorter travel distances by supporting urban densities in our cities and updating zoning to allow complimentary retail and service uses in neighborhood centers
- ❑ Replace culverts to prevent damage to roads and accommodate higher winter stream flows
- ❑ Relocate or retrofit low-lying roads vulnerable to flooding
- ❑ In high wildfire risk areas, design roads, pathways, sidewalks, and landscaping to create firebreaks/defensible spaces

HOW DOES THE REGIONAL TRANSPORTATION PLAN (RTP) ACCOUNT FOR CLIMATE CHANGE?

The RTP calls for minimizing transportation impacts on the natural environment as well as the people who live and work in the Thurston region. It also calls for protecting the investments we've already made in the transportation system. The Plan's recommendations are made up of projects transportation partners are engaging in over the next 25 years, including:

- **High Capacity Corridor Service** – operating a frequent and fast bus service along Martin Way – getting you from Marvin Road (Hawks Prairie) to Harrison and Division (West Olympia) in half the time it takes today.
- **Neighborhood Centers Study** – finding ways to increase access to goods and services in existing and planned neighborhood centers throughout the region.
- **Regional Planning Priorities** – projects supporting transportation work in the region – including the Climate Action Plan under development now.
- **Transportation Recovery Strategy** – developing a recovery process for our region's transportation network, services, and communities.

QUESTIONS?

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- ➔ Learn more about ongoing climate planning in our region at www.trpc.org/climate.
- ➔ Learn about all your travel options for getting from here to there at www.thurstonheretothere.org.
- ➔ Learn more about the Regional Transportation Plan at: www.trpc.org/RTP