

Agenda



Metro

600 NE Grand Ave.
Portland, OR 97232-2736

Meeting: Metro Technical Advisory Committee
Date: Wednesday, July 18, 2018
Time: 10:00 a.m. – Noon
Place: Metro Regional Center, Council Chamber

10:00 a.m.	1. Call to Order, Declaration of a Quorum and Introductions	Tom Kloster, Chair
10:05	2. Comments from the Chair and Committee Members <ul style="list-style-type: none">• 2018 Regional Transportation Plan Public Comment Period Underway	Chair/All
10:15	3. Community Communications on Agenda Items	All
10:20	4. 2018 Urban Growth Management Decision: City Proposals for UGB Expansions Purpose: Provide MTAC with a summary of the City Readiness Advisory Group discussion of city expansion proposals. Provide MTAC with another opportunity to familiarize itself with city proposals in the event MPAC specifies technical issues about which it would like MTAC's advice	City Readiness Advisory Group representatives; Ted Reid, Metro; Rebecca Hamilton, Metro
Noon	ADJOURN	

Remaining MTAC meetings for 2018 (MTAC meets the 3rd Wednesday of the month)

August 15
September 19
October 17
November 21
December 19

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2018 MTAC Work Program

7/10/18

<p>January 17, 2018</p> <p><u>Comments from the Chair</u></p> <ul style="list-style-type: none"> Urbanism Next Conference, March 5 – 7 Oregon Active Transportation Summit, March 15 – 16 <p><u>Agenda Items</u></p> <ul style="list-style-type: none"> 2018 RTP: Update on Schedule, Technical Evaluation, Engagement Activities and Regional Leadership Forum #4 <u>Information/Discussion</u> (Ellis/Higgins, 30 min.) Emerging Technologies Strategy : draft policy (Rose, 30 min.) 	<p>February 21, 2018 – Cancelled</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p>
<p>March 21, 2018 – Meeting Cancelled</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p>	<p>April 18, 2018</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p> <ul style="list-style-type: none"> Draft Emerging Technology Strategy (Frisbee, 45 min.) Draft Transit Strategy (Snook, 60 min.) Draft Freight Strategy (Collins, 40 min.)
<p>May 16, 2018</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p> <ul style="list-style-type: none"> 2018 Urban Growth Management Decision: Urban Reserve Goal 14 Analysis (Reid/O’Brien, 45 min.) Draft RTP Policy Chapter Changes (focus on goals and objectives) (Ellis, 40 min.) Draft RTP Implementation Chapter (Ellis, 40 min.) 	<p>June 20, 2018</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p> <ul style="list-style-type: none"> Presentations from the Cities of Beaverton, Hillsboro, King City, Wilsonville – UGB Applications (30 min. each)
<p>July 18, 2018</p> <p><u>Comments from the Chair</u></p> <ul style="list-style-type: none"> 2018 Regional Transportation Plan Public Comment Period Underway <p><u>Agenda Items</u></p> <ul style="list-style-type: none"> 2018 Urban Growth Management Decision: City proposals for UGB expansions (City Readiness Advisory Group discussion of city expansion proposals) 	<p>August 15, 2018</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p> <ul style="list-style-type: none"> 2018 Urban Growth Management decision (recommendation to MPAC, if requested by MPAC)
<p>September 19, 2018</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p> <ul style="list-style-type: none"> 2018 RTP Update: Make final recommendation to MPAC on proposed amendments in response to public comments 	<p>October 17, 2018</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p> <ul style="list-style-type: none"> Portland’s inclusionary zoning program (Armstrong)
<p>November 21, 2018</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p>	<p>December 19, 2018</p> <p><u>Comments from the Chair</u></p> <p><u>Agenda Items</u></p>

Parking Lot

- Transportation resiliency

MTAC meets the 3rd Wednesday of the month.

TPAC and MTAC hold a joint work session on the 1st Wednesday of the month.

TPAC meets the 1st Friday of the month.

For agenda and schedule information call 503-797-1562 or e-mail paulette.copperstone@oregonmetro.gov

Memo



Metro

600 NE Grand Ave.
Portland, OR 97232-2736

Date: July 10, 2018
To: Metro Technical Advisory Committee (MTAC) and interested parties
From: Kim Ellis, RTP Project Manager
Subject: 2018 Regional Transportation Plan – Public Comment Materials

PURPOSE

Transmit public review drafts of the 2018 Regional Transportation Plan (RTP), and supporting strategies for safety, freight, transit and emerging technology.

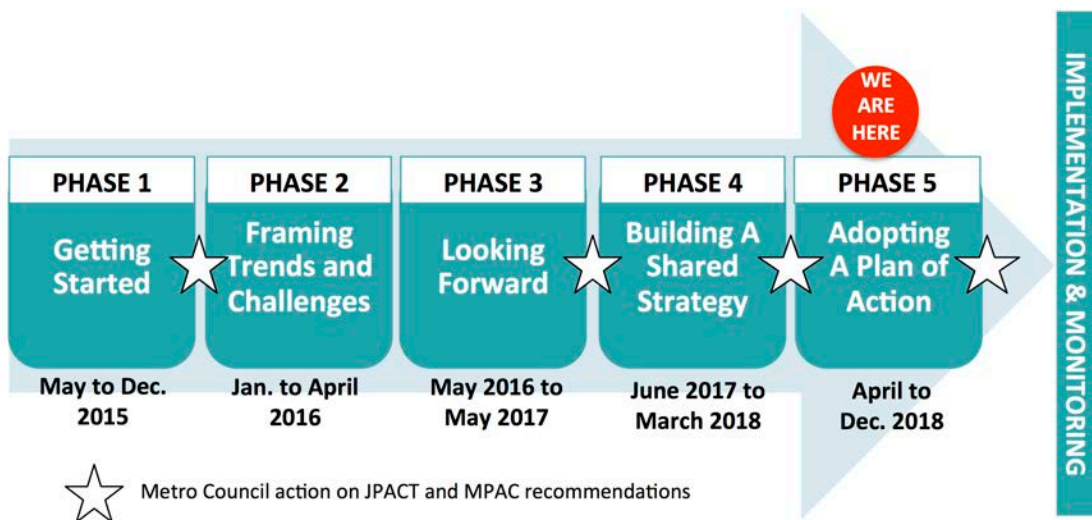
ACTION REQUESTED

Members are requested to review and comment on the full draft plan, technical appendices, and supporting strategies for safety, freight, transit and emerging technology by August 13 during the formal comment period.

BACKGROUND

The greater Portland region's economic prosperity and quality of life depend on a transportation system that provides every person and business in the region with equitable access to safe, reliable, healthy and affordable travel options. Through the 2018 RTP update, the Metro Council is working with leaders and communities throughout the region to plan the transportation system of the future by updating the region's shared transportation vision and investment strategy for the next 25 years.

Shown in **Figure 1**, the region is in the final adoption phase for the 2018 Regional Transportation Plan (RTP) and draft strategies for safety, freight, transit and emerging technology.



A final 45-day public comment opportunity began on Friday, June 29 and will end on Monday, August 13, 2018. The Metro Council will hold a public hearing on August 2.

Metro staff will propose amendments to respond to public comments received by August 13 for consideration by the Metro Technical Advisory Committee (MTAC) and the Transportation Policy Alternatives Committee (TPAC) in September and October, respectively. In October, the Metro Policy Advisory Committee (MPAC) and the Joint Policy Advisory Committee on Transportation (JPACT) will be asked to make their respective recommendations to the Metro Council on adoption

of proposed amendments and the 2018 RTP and strategies for safety, freight, transit and emerging technology. In December, the Metro Council will be asked to consider MPAC and JPACT's recommendations on adoption of the 2018 RTP and strategies for safety, freight, transit and emerging technology.

NEXT STEPS

Public review drafts are posted on the 2018 Regional Transportation Plan at www.oregonmetro.gov/rtp. Screenshots of the project web site are provided for reference.

The screenshot displays the '2018 Regional Transportation Plan' website. The header includes a breadcrumb trail: Home > Public projects > 2018 Regional Transportation Plan. The main title is '2018 Regional Transportation Plan' with a subtitle: 'We've all got places to go. Metro works across the region to help people and goods get there safely, affordably and reliably.' Below the title is a navigation bar with tabs: 'Comment now' (active), 'Equity', 'Safety', 'Transit', 'Freight', 'Finance', 'Design', and 'Performance'. The main content area is divided into three columns. The left column, titled 'Share your thoughts on the draft 2018 Regional Transportation Plan through Aug. 13', lists ways to provide feedback: reviewing chapters, using an interactive map, and taking an online survey. The middle column, titled 'Draft project list', explains the purpose of the project list and provides links to explore updated lists and download draft documents. The right column shows a carousel of draft documents, including the '2018 RTP public review draft', '2018 RTP Table of Contents', '2018 RTP ch1: Introduction', and '2018 RTP ch2: Vision and Goals'. Below the carousel are sections for 'IMPLEMENTATION STRATEGIES' and 'APPENDICES', each with a carousel of related documents. The bottom of the page features a 'Go to the survey' button and a list of contact information for the Metro Planning and Development department.

Limited printed copies of the draft RTP and strategies will be available at the meeting. Printed copies of the appendices will not be provided. Members are requested to review and comment on the draft RTP, technical appendices, and supporting strategies for safety, freight, transit and emerging technology by August 13 during the formal comment period.

/Attachments

1. Public Comment Opportunity on the 2018 RTP (5/25/18)
2. 2018 Council and Regional Advisory Committee Briefings Schedule (7/10/18)
3. Public review draft document covers with hyperlinks to draft 2018 **RTP** (6/29/18), draft **Safety** Strategy (6/25/18), Draft Transit Strategy (6/29/18), Draft Regional **Freight** Strategy (6/25/18) and Draft **Emerging Technology** Strategy (6/25/18)



Public comment opportunity on the 2018 RTP

June 29 to Aug. 13, 2018

Your input today will help guide decision-makers as they finalize the policies, strategies and project lists in the Regional Transportation Plan before adopting it in late 2018.

The 2018 Regional Transportation Plan provides the opportunity to update the investments we will make in roads, sidewalks, bikeways, transit and freight routes to support communities today and in the future. This update is an opportunity to define how we will create a safe, reliable, healthy and affordable transportation system for the next 25 years.

Your voice is important

The Metro Council and other decision-makers want to hear from you to help them make a recommendation on the 2018 Regional Transportation Plan and supporting policies, strategies and projects by the end of the year.

You are invited to provide feedback on the plan during the **public comment period from June 29 through Aug. 13, 2018**. We want to hear your thoughts on:

- 2018 Regional Transportation Plan
- 2018 Regional Transit Strategy
- 2018 Regional Freight Strategy
- 2018 Regional Safety Strategy
- 2018 Regional Emerging Technology Strategy

SHARE YOUR THOUGHTS

June 29 to Aug. 13

Take the survey at:

oregonmetro.gov/rtp

Your input will be shared with regional decision-makers as they work together to finalize the policies, strategies and project lists in the 2018 RTP.

Regional policy committees will make final recommendations to the Metro Council in October. The Metro Council will consider adoption in December.

Learn more about the 2018 RTP at oregonmetro.gov/rtp

WAYS TO COMMENT

June 29 to Aug. 13

Comments will be accepted through Mon., Aug. 13, 2018

Write a letter

Metro Planning
600 NE Grand Ave
Portland, OR 97232

Email comments

transportation@oregonmetro.gov

Attend public hearing

Comment in person before the Metro Council on Aug. 2 at 2 p.m.

Location:

600 NE Grand Ave
Portland, OR 97232

Call

503-797-1750
503-797-1804 TDD

Take the survey

oregonmetro.gov/rtp

Follow
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2018 Regional Transportation Plan

The greater Portland region's economic prosperity and quality of life depend on a transportation system that provides every person and business in the region with equitable access to safe, reliable, healthy and affordable travel options.

During this comment period, the Metro Council will ask for public review and comment on the draft policies in the 2018 RTP, draft strategies for transit, freight, safety and emerging technology, and the projects recommended to address the region's significant and growing transportation needs.

Overview of draft strategies

Transit

As the region continues to grow, it's important that our transportation system provides a variety of travel options to meet the needs of everyone who calls this place home.

The purpose of the Regional Transit Strategy is to provide a coordinated vision and a set of policies to make transit service more convenient, frequent, accessible and affordable for everyone in the greater Portland region.

Freight

The greater Portland region is the trade and transportation gateway for Oregon and provides market access for many southwest Washington businesses.

The purpose of the Regional Freight Strategy is to define a set of policies and strategies aimed at increasing economic prosperity and stewardship of the multimodal freight network throughout the greater Portland region.

Safety

Traffic related deaths and severe injuries are a critical and preventable public health and social equity issue in the greater Portland region.

The purpose of the Regional Safety Strategy is to provide a specifically urban-focused overarching data-driven framework for increasing traffic safety in the greater Portland region. The plan focuses on strategies and actions drawn from best practices and proven to reduce traffic related deaths and serious injuries.

Emerging technology

Technology is already transforming our region's transportation system; the way the region's residents access, experience and use the transportation system has changed dramatically in the past five years.

The purpose of the Emerging Technology Strategy is to provide a framework for the region to harness new developments in transportation technology to ensure it is equitable, accessible and affordable to all people in the greater Portland region.



Printed on recycled-content paper.

6/12/2018

2018 RTP UPDATE | 2018 Council and Regional Advisory Committees Briefings

(dates are subject to change)

Month	Who	When	What
June	Comment period begins	6/29	<ul style="list-style-type: none"> 45-day public comment period on Draft 2018 RTP and draft strategies for freight, transit, safety and emerging technology, including public hearing (June 29 to Aug. 13)
July	TPAC/MTAC workshop	7/11	<ul style="list-style-type: none"> Overview of Public Review Draft RTP and Strategies; discussion on Draft RTP Performance Results (Round 2)
	TPAC	7/13	<ul style="list-style-type: none"> Overview of Public Review Draft RTP and Strategies
	Metro Council	7/17	<ul style="list-style-type: none"> Emerging Technology Strategy – Direction to staff on initial implementation actions
	MTAC	7/18	<ul style="list-style-type: none"> Overview of Public Review Draft RTP and Strategies
	JPACT	7/19	<ul style="list-style-type: none"> Comments from chair on Public Review Draft RTP and Strategies Discuss proposed Jurisdictional Transfer Assessment Program
	MPAC	7/25	<ul style="list-style-type: none"> Overview of Public Review Draft RTP and Strategies
	Consultation	7/31	<ul style="list-style-type: none"> Consultation with federal agencies on 2018 RTP
August	TPAC/MTAC workshop	8/1	<ul style="list-style-type: none"> Transportation Resiliency and Emergency Routes (<i>tentative</i>) MAP-21 Performance Monitoring, Target Setting and Reporting (<i>tentative</i>)
	Metro Council	8/2	<ul style="list-style-type: none"> Public hearing on draft 2018 RTP and draft strategies for freight, transit, safety and emerging technology
	TPAC	8/3	<ul style="list-style-type: none"> Preview of RTP adoption package (Ordinance, Resolutions & Exhibits)
	Consultation	8/6	<ul style="list-style-type: none"> Consultation with tribes and federal and state agencies (<i>tentative</i>)
	Comment period ends	8/13	<ul style="list-style-type: none"> 45-day public comment period ends
	TPAC/MTAC workshop (<i>from 9/5</i>)	8/29	<ul style="list-style-type: none"> Discuss proposed amendments identified by Metro staff in response to public comments
September	TPAC	9/7	<ul style="list-style-type: none"> Discuss proposed amendments in response to public comments
	Metro Council	9/18	<ul style="list-style-type: none"> Overview of proposed amendments in response to public comments
	MTAC	9/19	<ul style="list-style-type: none"> Make final recommendation to MPAC on proposed amendments in response to public comments
	JPACT	9/20	<ul style="list-style-type: none"> Overview of TPAC recommendation on proposed amendments in response to public comments
	MPAC	9/26	<ul style="list-style-type: none"> Overview of MTAC recommendation on proposed amendments in response to public comments
October	NOTE	10/4	<ul style="list-style-type: none"> DLCD notice due (35 days before 1st evidentiary hearing)
	TPAC	10/5	<ul style="list-style-type: none"> Make final recommendation to JPACT on proposed amendments in response to public comments
	MPAC	10/10	<ul style="list-style-type: none"> Make final recommendation to Council on adoption of 2018 RTP and strategies for freight, transit, safety and emerging technology
	JPACT	10/18	<ul style="list-style-type: none"> Make final recommendation to Council on adoption of 2018 RTP and strategies for freight, transit, safety, and emerging technology
November	Metro Council	11/6	<ul style="list-style-type: none"> Discuss JPACT and MPAC recommendations and provide direction to staff on finalizing adoption package for Council consideration
	Metro Council	11/8	<ul style="list-style-type: none"> Public hearing (1st evidentiary hearing) on Ordinance No. 18-1421
December	Metro Council	12/6	<ul style="list-style-type: none"> Public hearing and consider final action on 2018 RTP (by Ordinance) and strategies for freight, transit, safety and emerging technology (by separate Resolutions)

Click red box to download.



PUBLIC REVIEW DRAFT

2018 Regional Transportation Plan

*A blueprint for the future of transportation
in the greater Portland region*

June 29, 2018

oregonmetro.gov/rtp

Click red box to download.



PUBLIC REVIEW DRAFT

2018 Regional Transportation Plan

Regional Transportation Safety Strategy

*A strategy to achieve Vision Zero in the
greater Portland region*

June 25, 2018

oregonmetro.gov/safety

Click on red box to download.



PUBLIC REVIEW DRAFT

2018 Regional Transportation Plan

Regional Transit Strategy

*A strategy for providing better transit
service in the greater Portland region*

June 29, 2018

oregonmetro.gov/transit

Click on red box to download.



PUBLIC REVIEW DRAFT

2018 Regional Transportation Plan

Regional Freight Strategy

*A strategy for efficient goods movement in,
to and from the greater Portland region*

June 25, 2018

oregonmetro.gov/freight

Click on red box to download.



PUBLIC REVIEW DRAFT

2018 Regional Transportation Plan

Emerging Technology Strategy

*A strategy for guiding innovation to support
the greater Portland region's goals*

June 25 2018

oregonmetro.gov/rtp



2018 Regional Transportation Plan

Finalizing the 2018 Regional Transportation Plan

A briefing book for policymakers

July 11, 2018

oregonmetro.gov/rtp

Metro respects civil rights

Metro fully complies with Title VI of the Civil Rights Act of 1964 that requires that no person be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination on the basis of race, color or national origin under any program or activity for which Metro receives federal financial assistance.

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If any person believes they have been discriminated against regarding the receipt of benefits or services because of race, color, national origin, sex, age or disability, they have the right to file a complaint with Metro. For information on Metro's civil rights program, or to obtain a discrimination complaint form, visit www.oregonmetro.gov/civilrights or call 503-797-1536.

Metro provides services or accommodations upon request to persons with disabilities and people who need an interpreter at public meetings. If you need a sign language interpreter, communication aid or language assistance, call 503-797-1700 or TDD/TTY 503-797-1804 (8 a.m. to 5 p.m. weekdays) 5 business days before the meeting. All Metro meetings are wheelchair accessible. For up-to-date public transportation information, visit TriMet's website at www.trimet.org.

Metro is the federally mandated metropolitan planning organization designated by the governor to develop an overall transportation plan and to allocate federal funds for the region.

The Joint Policy Advisory Committee on Transportation (JPACT) is a 17-member committee that provides a forum for elected officials and representatives of agencies involved in transportation to evaluate transportation needs in the region and to make recommendations to the Metro Council. The established decision-making process assures a well-balanced regional transportation system and involves local elected officials directly in decisions that help the Metro Council develop regional transportation policies, including allocating transportation funds.

Project web site: oregonmetro.gov/rtp

The preparation of this briefing book was financed in part by the U.S. Department of Transportation, Federal Highway Administration and Federal Transit Administration. The opinions, findings and conclusions expressed in this report are not necessarily those of the U.S. Department of Transportation, Federal Highway Administration and Federal Transit Administration.

TABLE OF CONTENTS

Foreword: from Metro Council President Tom Hughes	1
Introduction	5
About this briefing book	6
Regional context	
Our region continues to grow and change	7
Achieving desired regional outcomes	8
Halfway to 2040	9
Today's choices shape the future	12
Getting to here	13
Regional Transportation Plan vision and goals	17
Overview of the draft project list	20
Outcomes of the draft plan	
Key takeaways from the 2018 Regional Transportation Plan	25
Implementation strategies	
Regional Transportation Safety Strategy	30
Regional Transit Strategy	32
Regional Freight Strategy	33
Emerging Technology Strategy	34
Other implementation strategies	35
Attachment: Public comment opportunity on the 2018 RTP	39

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Foreword: from Metro Council President Tom Hughes



These are remarkable and challenging times for the greater Portland region. We continue to attract new residents, jobs and industries. Our communities are becoming more culturally diverse, bringing rich cultural activity to neighborhoods. A new generation is growing to adulthood as others move toward retirement. Advances in technology are changing how we connect, how we work, and increasingly, how we travel, move goods and provide services. As population increases in the region, we find ourselves facing new challenges—regionally and globally—and are beginning to recognize longstanding issues facing

communities that have been marginalized. These changes and challenges impact how we use and what we expect from our transportation system.

Every resident and business – those with roots in the region that run generations deep to new residents – have a stake in our system of highways, roads, bridges, sidewalks, bikeways and transit and freight routes. This Regional Transportation Plan is accountable to each of them. Through the update of this plan we have built new partnerships to bring new voices to the process and focused our efforts to make more near-term progress on these regional priorities – equity, safety, travel options and congestion.

We are facing new and longstanding challenges

The greater Portland region is facing global and regional challenges. As more and more people come to our region to enjoy the things that have contributed to our high quality of life, that high quality of life is at risk. Congestion, maintenance needs and safety issues are expected to grow as a half-million more people join the region by 2040.

At the same time, the climate is changing, and we need to continue to work for clean air and clean water. Systemic inequities mean that communities have not equally benefited from public policy and investments, and some perspectives have long been ignored or actively suppressed. The economy is changing, and the pace of technology increasing. Congestion is at an all-time

2018 REGIONAL TRANSPORTATION PLAN



Learn more about the 2018 Regional Transportation Plan and opportunities to provide feedback on the draft plan from June 29 through Aug. 13 at oregonmetro.gov/rtp.



The Metro Council consists of a president, elected regionwide, and six councilors who are elected by district every four years in nonpartisan races. The council works with community leaders and constituents across city and county boundaries to shape the future of the greater Portland region.

The Metro Council shares decision-making authority over regional transportation planning and policies with the Joint Policy Advisory Committee on Transportation, or JPACT, which comprises 17 members that serve as elected officials or representatives of transportation agencies across the region.

In addition, the Metro Council is advised on land use issues by the Metro Policy Advisory Committee, or MPAC, which comprises 21 voting members representing cities, counties, special districts and the public, and six non-voting members. Three Metro Councilors also participate as non-voting liaisons.

high on our system – a reflection of the pace at which people have moved here as well as where people live relative to where they work. In 2015, only one-third of workers in the region lived and worked in the same city.

Meanwhile, the funding gap between the needs of a growing region and an aging system of highways, transit, roads and bridges and an incomplete network of sidewalks, bikeways and transit routes continues to worsen. We need a plan that serves our growing and changing region – one that anticipates population and employment growth, our region’s changing demographics (including an aging population), the shifting nature of work, new transportation technologies and services, the impacts of pollution and climate change.

We have a vision for our future – and for how our transportation system will work

The plan sets out a vision that in the 21st century, our region has a continuously improving economy and shared quality of life with the foundation of a safe, reliable, healthy and affordable transportation system. A system that is well-maintained, environmentally responsible, efficiently moves products to market, and connects all people to the education and work opportunities they need to thrive and prosper.

More than \$42 billion is planned to be invested in the region’s transportation system over the next 25 years to serve our future population of over 2 million people. This Regional Transportation Plan identifies current and future transportation needs, priority investments to meet those needs, and federal, state, regional and local funding the region expects to have available through 2040. It lays out nearly \$27 billion in funding for maintenance, preservation, and operations of the transportation system. \$15 billion is planned for capital projects that optimize and expand the region’s highway and transit systems, improve access to freight destinations, complete gaps in biking and walking connections and regional trails that provide important access to transit, downtowns, schools, services and other community destinations.

The 2018 Regional Transportation Plan provides us an opportunity to move toward that vision

Decades of thinking ahead and implementing bold strategies to meet the transportation challenges of the 20th century has put the greater Portland region ahead of the curve. With a focus on a compact urban area, growth in town centers and along major roadways, efficient transit and options for

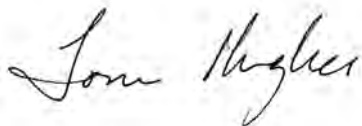
biking, walking and busing, the region has not dealt with the same crisis of gridlocked traffic, dependence on driving and freight delays of other growing regions. However, as our growth continues, we have to leverage and build upon our previous investments to ensure that new investments advance more equitable outcomes. Through this we can avoid a cresting dilemma like those faced by places like Los Angeles, Seattle and the Bay Area. This Regional Transportation Plan update builds on the tradition of multimodal investment and creative thinking to create partnerships that develop innovative and equitable solutions to the challenges we currently face now and in the future.

Delivering outcomes to build public trust

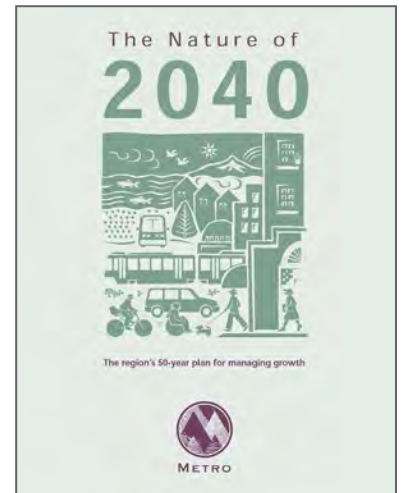
On behalf of the Metro Council, I invite you to review the Draft 2018 Regional Transportation Plan and supporting draft strategies for safety, transit, freight, and emerging technology that have been developed over the past 3 years. Together they represent the choices that we need to create an equitable transportation system that supports a high quality of life, a prosperous economy and a protected environment. I hope you agree that the planned investments demonstrate a wise use of resources and, if we choose to execute them, will result in a safe, reliable, healthy and affordable transportation system for all communities.

While the Draft 2018 Regional Transportation Plan and supporting strategies reflect an extensive amount of input and feedback already, these drafts will inform public engagement through the fall of 2018. The feedback received from residents, businesses, community organizations, jurisdictional partners and others will be incorporated into a final version of the Plan, which will be considered by the Metro Policy Advisory Committee and the Joint Policy Advisory Committee on Transportation in October prior to being submitted to the Metro Council for approval in December.

We look forward to hearing what you think!



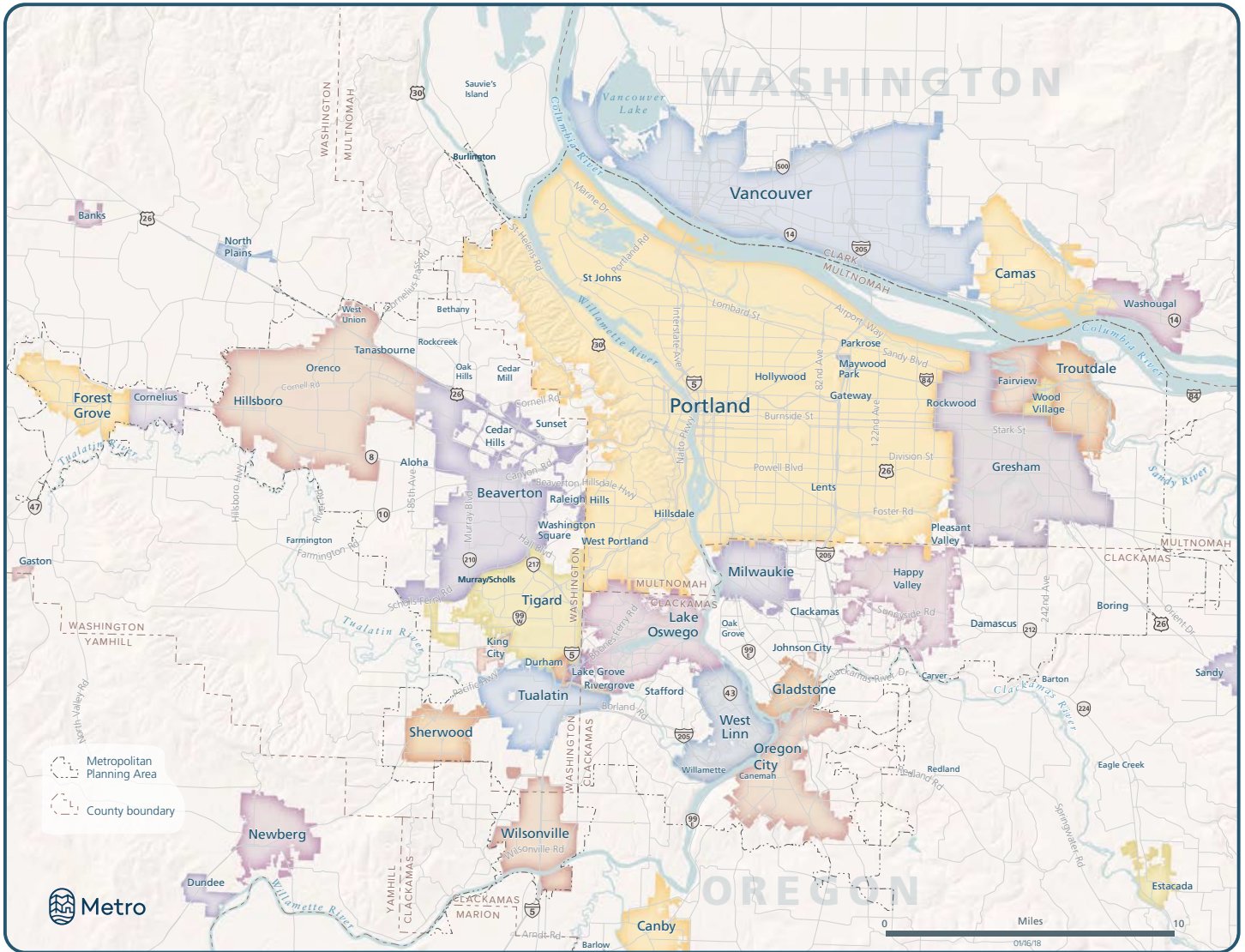
Metro Council President Hughes



Find out about the 2040 Growth Concept, A land use and transportation strategy for building healthy, equitable communities and a strong economy, at oregonmetro.gov/2040.



The engagement activities produced more than 18,000 touch points with regional partners, community and business leaders and residents of the region to inform development of the draft 2018 Regional Transportation Plan.



Metro serves more than 1.5 million people in Clackamas, Multnomah and Washington counties. The agency's boundary encompasses Portland, Oregon and 23 other cities – from the Columbia River in the north to the bend of the Willamette River near Wilsonville, and from the foothills of the Coast Range near Forest Grove to the banks of the Sandy River at Troutdale.

Among its other responsibilities, Metro is authorized by Congress and the State of Oregon to coordinate and plan investments in the transportation system for the three-county area. Metro uses this authority to expand transportation options, make the most of existing streets and improve public transit service. As the designated metropolitan planning organization, Metro works collaboratively with cities, counties and transportation agencies to decide how to invest federal highway and public transit funds within its service area. It creates a long-range transportation plan, leads efforts to expand the public transit system and helps make strategic use of a small subset of transportation funding that Congress sends directly to metropolitan planning organizations.

Introduction

Transportation planning means more than deciding where to build roads, sidewalks, bikeways and transit and freight routes. It's about taking care of what we have and building great communities.

It's about ensuring that no matter where you are or where you're going, you can have safe, reliable, healthy and affordable options to get there. It's about nurturing a strong economy, advancing equity and protecting the quality of life we all value.

The Regional Transportation Plan is a blueprint to guide investments for all forms of travel – driving, walking, biking and taking transit – and moving goods and freight throughout the greater Portland region. The plan identifies the region's most urgent transportation needs and priorities for investing in all parts of the system with the funds the region expects to have available. It also establishes policies to help meet those needs and guide priority investments. More resources will be needed to achieve our vision and address the challenges of a growing, thriving region.

Since summer 2015, Metro has been working with local, regional and state partners and the public to update our region's shared transportation vision and investment strategy for the next 25 years.



Throughout the three year development of the draft 2018 Regional Transportation Plan and implementation strategies for safety, freight, transit and emerging technology, Metro extensively engaged and collaborated with regional partners – cities, counties, transit providers, ODOT and other public agencies – and community leaders in public health, environmental protection, business, housing, racial equity, environmental justice and transportation advocacy.

Greater Portland voices



“I use a mobility scooter if there’s a long distance in between places I’m traveling... I do have to drive on the streets sometimes, because the sidewalks are bad. I mean, there are places where there are no sidewalks and it leaves the necessity to ride in the road with a mobility scooter, or even with a walker.” – *Annadiana, Forest Grove resident*



“The [MAX] ride from Milwaukie doesn’t vary much at all. That’s one of the best things about having the Orange Line. When I took the bus, the time to work was entirely dependent on the traffic” – *Adria, Milwaukie resident*

About this briefing book

This briefing book is designed to provide context for the choices facing policymakers as they finalize the investment strategy, policies and implementation strategies for the 2018 Regional Transportation Plan. It updates information provided in the discussion guide published in February 2018 (Shaping our shared plan for the region: A discussion guide for policymakers), bringing together:

- the results of the additional analysis completed in spring 2018
- the Regional Transportation Plan vision and goals
- related strategies for transportation safety, transit, freight and emerging technology strategies
- additional background information.

This briefing book is meant to help elected, business, and community leaders and residents better understand the challenges and opportunities facing the greater Portland region as the 2018 Regional Transportation Plan is finalized.

Regional context

Our region continues to grow and change

The greater Portland region is an extraordinary place to call home. It is known for its unique communities with inviting neighborhoods, a diverse and growing economy and a world-class transportation system. The region is surrounded by stunning natural landscapes and criss-crossed with a network of parks, trails and natural areas within a walk, bike ride or transit stop from home. Over the years, our communities have taken a collaborative approach to planning that has helped make the region one of the most livable in the country.

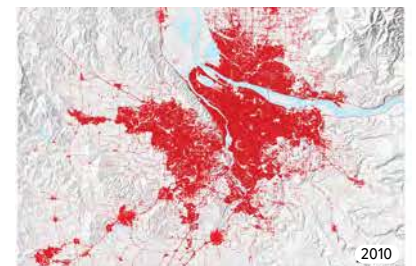
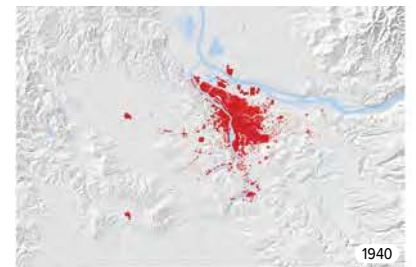
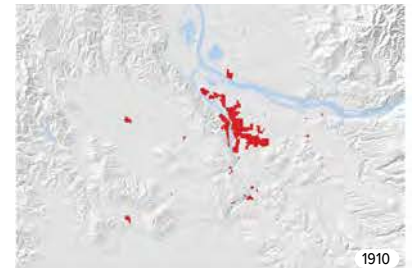
Because of our dedication to planning and working together to make local and regional plans a reality, we have set a wise course for managing growth – but times are challenging. The region is growing, our economy is expanding, and emerging technologies are changing how we do business and get around.

Housing affordability, climate change, racial disparities, traffic deaths and life changing injuries, and traffic congestion demand new kinds of leadership, innovation and thoughtful deliberation and action to ensure our region remains a great place to live, work and play for everyone.

In collaboration with city, county, state, business and community leaders, Metro has researched how land use and transportation policies and investments can be leveraged to respond to these complex and interrelated challenges at a regional scale.

The region expects to welcome more than 500,000 new residents – about half from growing families – and more than 350,000 new jobs within the urban growth boundary by 2040.

Land development, 1910-2010



Sources: Historic Metropolitan Planning Commission Maps, NOAA CCAP Landcover

Greater Portland voices



“Having people who experience disabilities be involved in policymaking is great. I definitely want to improve public transportation because I don’t have any other options. I’m going to be using public transportation for the rest of my life.”

– Kiersi, Tualatin

Attributes of great communities

Six desired outcomes for the region have been endorsed by MPAC and approved by the Metro Council. The 2018 Regional Transportation Plan seeks to help achieve the desired outcomes.



Halfway to 2040

The 2018 Regional Transportation Plan is a key tool for implementing the 2040 Growth Concept to achieve our desired outcomes for a great region.

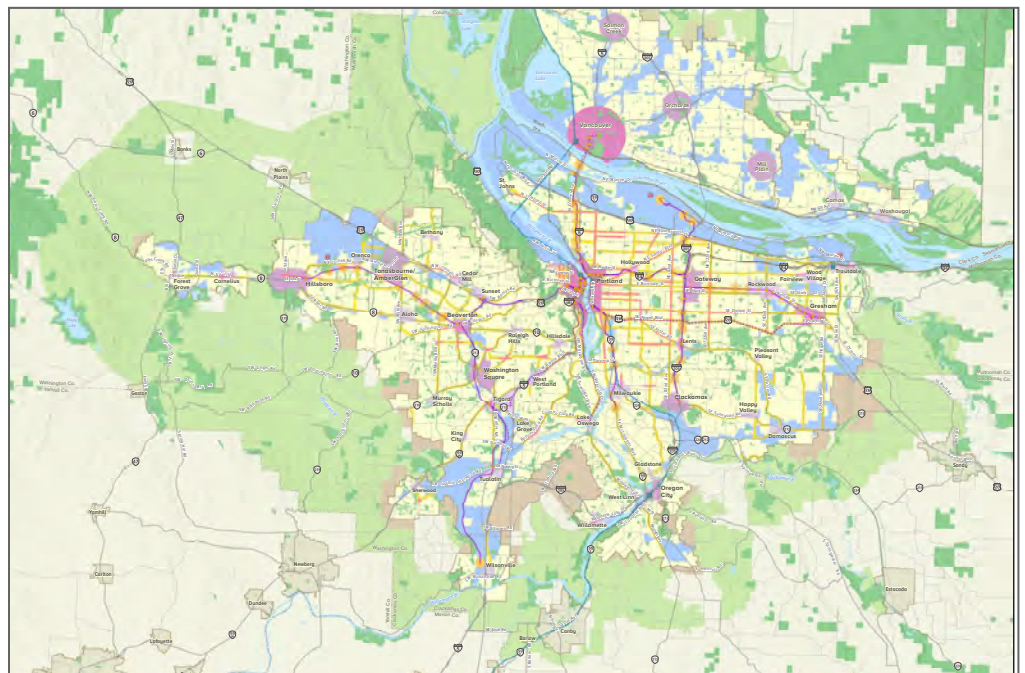
In 1995, the greater Portland region adopted the 2040 Growth Concept, the long-range plan for managing growth that integrates land use and transportation system planning to preserve the region’s economic health and livability in an equitable, environmentally-sound and fiscally-responsible manner.

The 2040 Growth Concept includes land use and transportation building blocks that express the region’s aspiration to incorporate population growth within existing urban areas as much as possible and expand the urban growth boundary only when necessary.

It concentrates mixed-use and higher density development in urban centers, light rail station communities, corridors and main streets that are well-served by transit. It envisions a well-connected street network that supports biking and walking for short trips.

Employment lands are clustered along our major highways serve as hubs for regional commerce and include industrial land and freight facilities for truck, marine, air and rail cargo sites that enable goods to be generated and moved in and out of the greater Portland region. Freight access to industrial and employment lands is centered on rail, the freeway system and other road connections.

Our shared strategy for managing growth: the 2040 Growth Concept



Welcome to the big cities

Since the adoption of the 2040 Growth Concept in 1995, the greater Portland region has moved from a collection of interconnected towns to become a major metropolitan area.

If you include our connected Southwest Washington neighbors, we are the twenty-third largest metropolitan area in the United States, with 2.4 million people living here and using our system of throughways, roads, bridges, transit, bikeways, sidewalks and trails.

Portland, Ore. and Vancouver, Wash. metropolitan area



Below is a sample of other metropolitan areas, when they reached 2.4 million people and what 20 years of growth looked like for them.

Phoenix, Ariz. metropolitan area: 2.4 million people by early 1990s



San Diego County, Calif.: 2.4 million people by late 1980s



Minneapolis-St. Paul, Minn. metropolitan area: 2.4 million people by late 1980s



Seattle, Wash. metropolitan area: 2.4 million people by late 1980s



Atlanta, Ga. metropolitan area: 2.4 million people by mid-1980s



Source: 2014 Metro Urban Growth Report, 1990 and 2010 U.S. Decennial Census and extrapolated estimates

Where we go from here matters

We know the greater Portland region will continue to grow – with more people and more jobs every day. But it's hard to imagine an abstract population forecast for the year 2040 means.

Several of our larger metropolitan peers were our size about 25 years ago. Their size today helps paint a picture of what we might expect and should prepare for.

Choices we make today about how we manage this growth and invest in our communities and transportation system will determine the region's economic prosperity and quality of life for generations to come.

Finalizing the plan

The 2018 Regional Transportation Plan will be finalized and considered for adoption by the Metro Council by the end of 2018:

June 29 to Aug. 13, 2018

Public review and comment on the draft Regional Transportation Plan and strategies for transportation safety, freight, transit and emerging technology

August to December 2018

Final refinement and adoption process

October 2018

JPACT and MPAC make recommendations to the Metro Council on adoption of the 2018 Regional Transportation Plan and strategies for transportation safety, freight, transit and emerging technology

December 2018

Council considers action on final Regional Transportation Plan and strategies for transportation safety, freight, transit and emerging technology

Early 2019

Submit adopted Regional Transportation Plan to Land Conservation and Development Commission for approval in the manner of periodic review

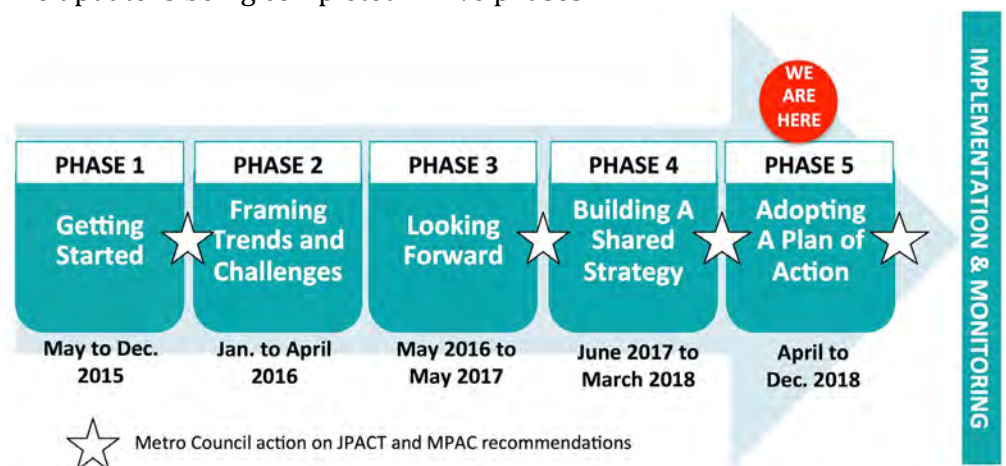
Today's choices shape the future

Shaping the future of transportation through the 2018 Regional Transportation Plan update

The greater Portland region's economic prosperity and quality of life depend on a transportation system that provides every person and business in the region with equitable access to safe, efficient, reliable, affordable and healthy travel options. Over the last two decades, the region has taken a collaborative approach to plan for and invest significant resources in the transportation system, making our region one of the most livable in the country. We have set our region on a wise course and experienced many successes, but there is still much to accomplish. Our region is growing, our travel needs are changing, and new state and federal requirements must be met.

Through the 2018 Regional Transportation Plan update, Metro is working with leaders and communities throughout the region to plan the transportation system of the future by updating the region's shared transportation vision and investment strategy through 2040.

JPACT and the Metro Council must approve a final Regional Transportation Plan by the end of December 2018 to ensure the region continues to meet federal requirements, maintaining the region's eligibility to receive federal transportation funding. The choices we make today about how we live, work and get around will shape the future of the region for generations to come. The update is being completed in five phases.



Regional Transportation Plan vision and goals

A shared vision for the region's transportation system

The vision statement represents an aspirational view of the future of the region's transportation system and reflects the values and desired outcomes expressed by the public, policymakers and community and business leaders engaged in development of the 2018 Regional Transportation Plan.

In 2040, everyone in the Portland metropolitan region will share in a prosperous, equitable economy and exceptional quality of life sustained by a safe, reliable, healthy and affordable transportation system with travel options.

Approved by the Metro Policy Advisory Committee, Joint Policy Advisory Committee on Transportation and Metro Council in May 2017.

This shared vision for the future provides direction for building a transportation system that serves all people and businesses in the greater Portland region. Our vision and supporting goals serve as a foundation for identifying our investment priorities and measuring progress toward building the transportation future we want.

Outcomes-based goals to realize our vision

In order to realize our vision for a transportation system that serves all people and businesses, we need clear goals to keep us focused and moving forward. The Regional Transportation Plan goals were first adopted by the Metro Council and JPACT in 2010 after significant engagement with communities, residents, businesses and stakeholders throughout the region. In 2014, the Metro Council and JPACT approved the addition of a goal to reduce greenhouse gas emissions.

The adopted outcomes-based goals guide the region's transportation planning and decision-making and include specific objectives and performance targets to help measure the progress we are making toward our vision for our transportation future.

Regional Transportation Plan goals

1. Vibrant communities
2. Shared prosperity
3. Transportation choices
4. Reliability and efficiency
5. Safety and security
6. Healthy Environment
7. Healthy people
8. Climate leadership
9. Equitable transportation
10. Fiscal stewardship
11. Transparency and accountability



The greater Portland region pioneered approaches to land use and transportation planning that make the region uniquely positioned to address complex challenges at a regional scale and in ways that support community visions and other important social, economic and environmental goals. Prioritizing investments that achieve multiple goals in combination with working together to secure more funding will help get us there.

Regional transportation challenges

- Aging infrastructure
- Climate change and air quality
- Congestion and unreliable travel
- Crashes and fatalities
- Earthquake vulnerability
- Gaps in transit, biking and walking connections
- Housing and transportation affordability and displacement
- Social inequity and disparities
- Technological change

Addressing our most urgent needs through our investments

We know the transportation funding has fallen short of meeting our growing needs, and building a world-class transportation system requires steady, long-term investment. But we don't have the resources to invest at the levels needed to address all of the challenges the region faces and achieve our shared vision and goals for the transportation system.

The sidebar summarizes the challenges that have been identified from in-person and online engagement activities from 2015 to 2018, Regional Leadership Forum discussions, technical research and interviews with businesses and community leaders and others.

A combination of all the investment strategies under consideration is needed to address these challenges and help us make this region a great place for generations to come. Identifying the most urgent challenges for the region to focus on in the next 10 years is the first step in shaping an investment strategy to build the future we want. Our investment priorities reflect our values and will determine how much progress we make toward our shared vision and goals over the next 10 years and through 2040. Prioritizing investments that achieve multiple goals in combination with working together to secure more funding will help get us there.

Through fall 2018, policymakers will consider systemwide modeling and evaluation and feedback from the public as they work together to finalize the Regional Transportation Plan policies, associated strategies, and near- and long-term project priorities given limited funding.

Overview of the draft project list

Why the constrained project list matters

The Regional Transportation Plan comprises two main parts: the policy section and the project lists. The policy section sets the vision, goals, performance targets and policies for the greater Portland region's system of throughways, roads, bridges, bikeways, sidewalks, and transit and freight routes.

The project lists are priority projects from local, regional or state planning efforts that provided opportunities for public input. In 2017 Metro issued a call for projects to its regional partners to begin updating the region's transportation investment priorities in support of the Regional Transportation Plan vision and goals. Clackamas, Multnomah and Washington counties and cities within each county recommended priority projects for their jurisdictions at county coordinating committees. ODOT, the Port of Portland, TriMet, SMART and other agencies worked with county coordinating committees and the City of Portland to recommend priority projects. The City of Portland recommended projects after reviewing priorities with its community advisory committees. These projects were submitted to Metro to build the Regional Transportation Plan.

The project lists are separated into two categories:

1. **constrained project list** the projects that fit within a **constrained** budget of federal, state and local funds the greater Portland region can reasonably expect through 2040 under current funding trends
2. **strategic project list** additional strategic investments that go beyond the constrained project list and could be built with additional funding.

In order to be eligible for federal or state transportation funding, a project must be included on the "constrained" list.

Metro completed an initial analysis of these projects in early 2018. Based on the analysis and subsequent feedback from policymakers, business and community leaders and the public, the Metro Council recommended refinements to the draft project list (see next page).

Did you know?



Since the last update in 2014

Of the 1,256 projects listed in the 2014 Regional Transportation Plan, 132 have been built or will be completed by 2019 – a total of \$3.15 billion invested in the region's transportation system

Defining terms

Constrained budget

The combined federal, state and local funds the greater Portland region can reasonably expect through 2040 under current funding trends – presumes some increased funding compared to current levels

Constrained list

Projects that can be built by 2040 within the constrained budget

Strategic list

Additional priority projects that could be achieved with additional resources

Greater Portland voices



“La bicicleta es más económico. Es un poco más rápida, con precaución conducirla. Y pues ahorra tiempo, dinero y – pues no quiere decir esfuerzo, pero si eh – también relaja, ósea también es saludable. Me gusta mucho andar en bicicleta porque puedo disfrutar de los paisajes que hay al mí alrededor. Disfruto ver los cambios de las estaciones del año. La primavera, el otoño, el invierno, y por supuesto, mi favorito es el verano.

“[Commuting by bike is inexpensive and a little faster, of course, as long as you bike safely. So it saves time and money and – I don’t want to say effort – but it’s also relaxing. It’s also healthy. I enjoy biking so much because I get to enjoy the scenery around me. I love seeing the seasons change: spring, fall, winter, and, of course my favorite, summer.]” – Francisca, Portland resident

Spring 2018: refining the draft project list

The list below summarizes the seven overall recommendations from the system performance evaluation results and priorities from policymakers, business and community and leaders and the public. The recommendations served as direction to jurisdictional partners for refining how the draft projects lists for each funding scenario.

Make more near-term progress on key regional priorities – equity, safety, travel options and congestion. Advance projects that address these outcomes to the 10-year list to make travel safer, ease congestion, improve access to jobs and community places, attract jobs and businesses to the region, save households and businesses time and money, and reduce vehicle emissions.



Make more near-term progress to reduce disparities and barriers that exist for historically marginalized communities. Advance projects that improve safety and expand travel options to the 10-year list to reduce disparities and barriers, especially for people of color and households of modest means.



Prioritize projects that focus on safety in high injury corridors. Advance projects in high injury corridors to the 10-year list and ensure all projects in high injury corridors address safety to reduce the likelihood and severity of crashes for all modes.



Accelerate transit service expansion and improve speed and frequency. Increase transit service as much as possible beyond Climate Smart Strategy investment levels. Focus new and enhanced transit service to connect transit to underserved communities to jobs and community places, in congested corridors and in areas with more jobs and housing.



Make more near-term progress to tackle congestion and manage travel demand. Advance lower cost projects to the 10-year list that use designs, travel information, technologies, and other strategies to support and expand travel options and maximize use of the existing system. It will be important to ensure that lower income households are not financially burdened by strategies to make road use more efficient.



Prioritize completion of biking and walking network gaps in the near-term. Advance projects that fill gaps for biking and walking in high injury corridors or that provide connections to transit, schools, jobs and 2040 centers to the 10-year list.



Continue to build public trust through inclusive engagement, transparency and accountability. Continue to engage the region’s diverse communities in the planning and implementation of projects to achieve desired outcomes, including equity, safety, reliability affordability and health. Report back whether projects deliver (or don’t deliver) anticipated outcomes and adjust course as needed.



Metro's strategic plan to advance racial equity, diversity and inclusion

In June 2016 with the support of MPAC, the Metro Council adopted an equity plan that leads with race, committing to concentrate on eliminating the disparities that people of color experience, especially in those areas related to Metro's policies, programs, services and destinations.

People of color share similar barriers with other historically marginalized groups such as people with low income, people with disabilities, LGBTQ communities, women, older adults and young people.

But people of color tend to experience those barriers more deeply due to the pervasive and systemic nature of racism. By addressing the barriers experienced by people of color, we will also effectively identify solutions and remove barriers for other disadvantaged groups.

The result of this racial equity focus will be that all people in the 24 cities and three counties of the greater Portland region will experience better outcomes.

Metro Council: Focus on racial equity

Equity analysis on the initial draft project list aggregated the populations of multiple historically marginalized communities: people of color, people with low income, English language learners, older adults and youth. Responding to community feedback and the continued history of disparity, the region's decision-makers continue to focus on social equity. This means working to meet the needs of communities of color and other historically marginalized communities and to better understand the potential impacts and benefits of investments for these communities.

Based on direction of the Metro Council, the equity analysis for the updated project list is narrowed to people of color, English language learners and lower-income households to understand the benefits and impacts for those communities who have historically been most impacted by – or have not seen as much benefit from – transportation planning and investment decisions.

This focus leads with race explicitly but not exclusively and is an important next step in supporting Metro's Strategic Plan for Racial Equity, Diversity and Inclusion.

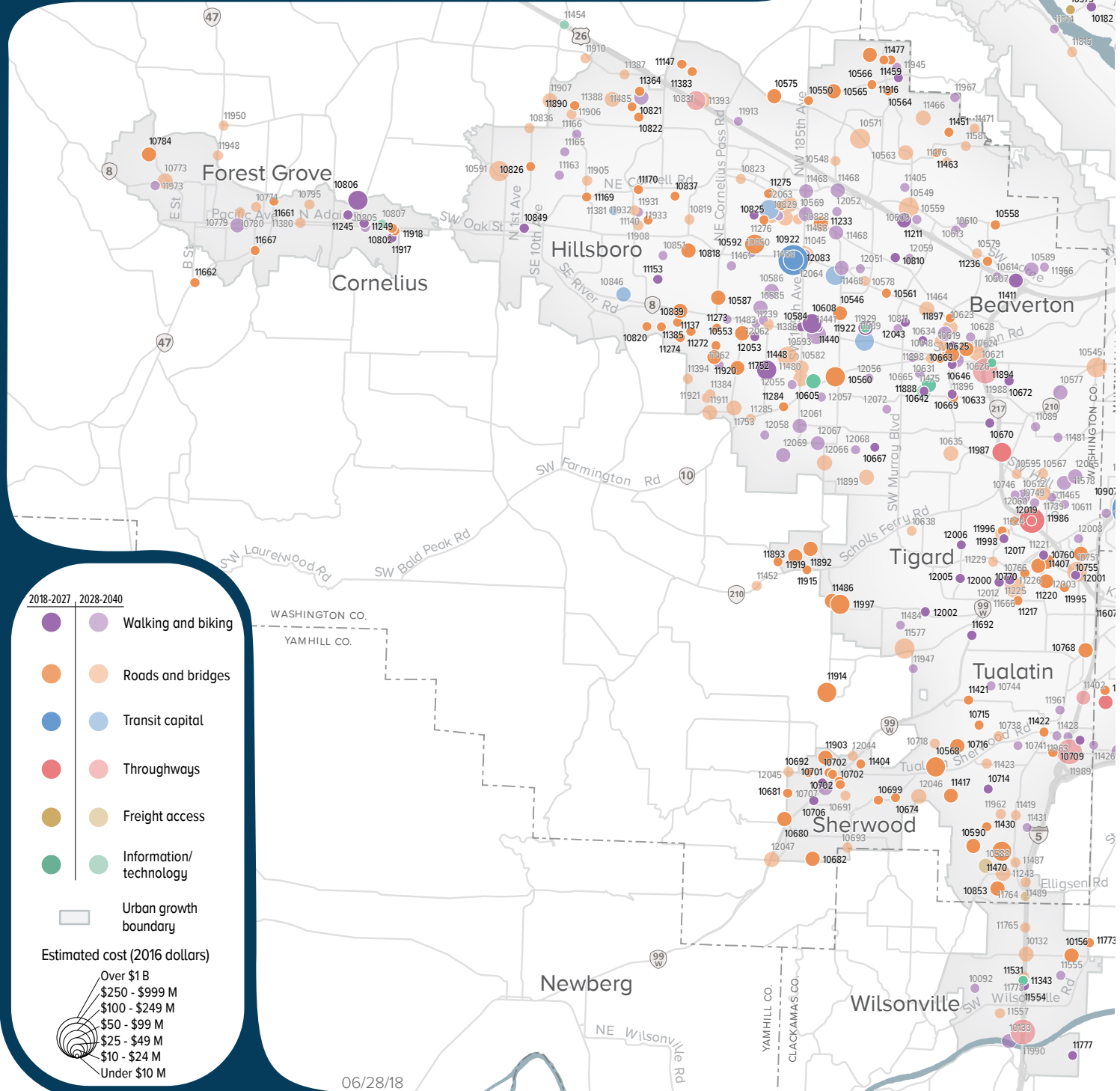


Draft 2018 Regional Transportation Plan 2040 Financially Constrained projects

The financially constrained projects are the highest priority projects given limited transportation funding and qualify for regional, state and federal funding. This list of projects includes projects for which funding has been committed and projects that can be implemented with the funds the region currently expects to have available.

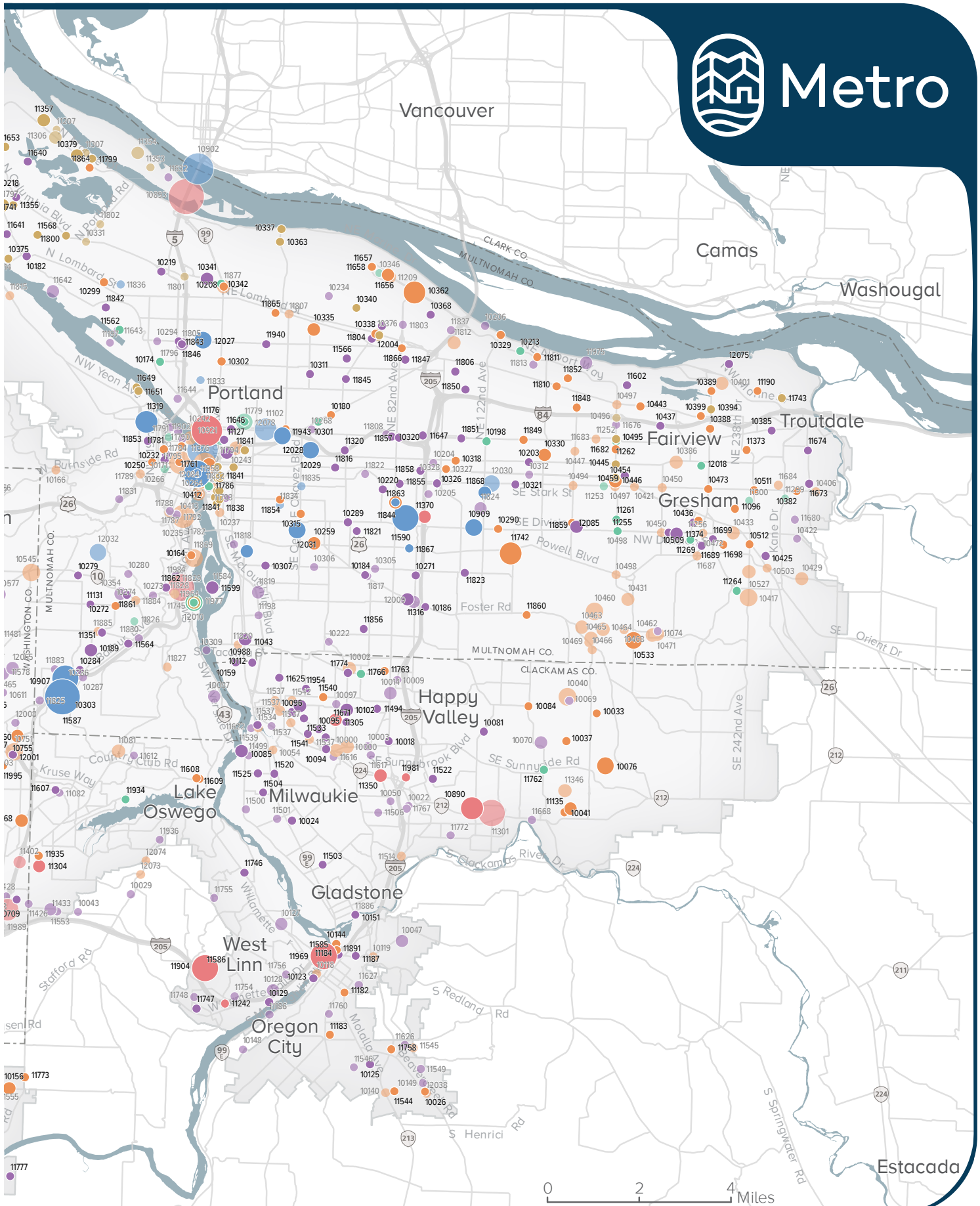
These projects have been divided into two investment time frames; 2018-2027 and 2028-2040.

For more information and to access an interactive online map, visit <https://arcg.is/1WT9Gq>





Metro



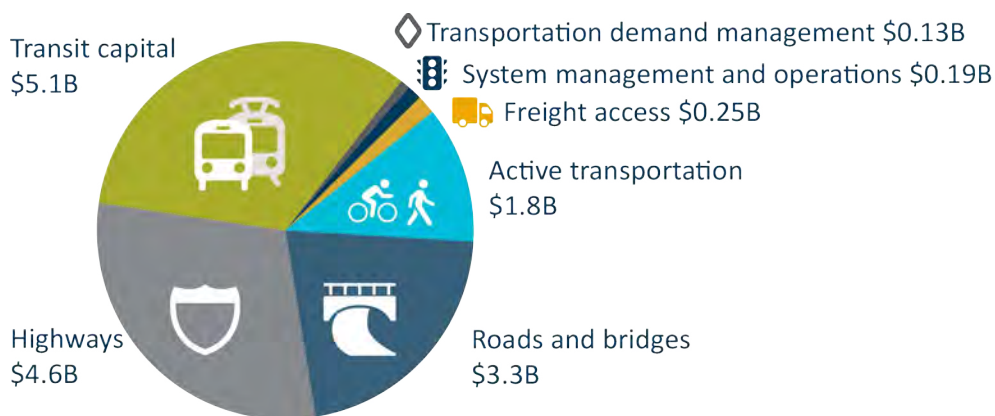
Capital projects

\$15.4 billion

Estimated amount to be spent on capital transportation projects in the greater Portland region, 2018-2040

Types of capital projects

A complete and efficient transportation system must meet multiple needs and offer options for people and goods to get around. The draft constrained list represents a \$15.4 billion investment in the region's transportation system, with over half of that going to throughways, roads and bridges. *Note: Road and transit operations and maintenance costs are addressed separately on the following page.*



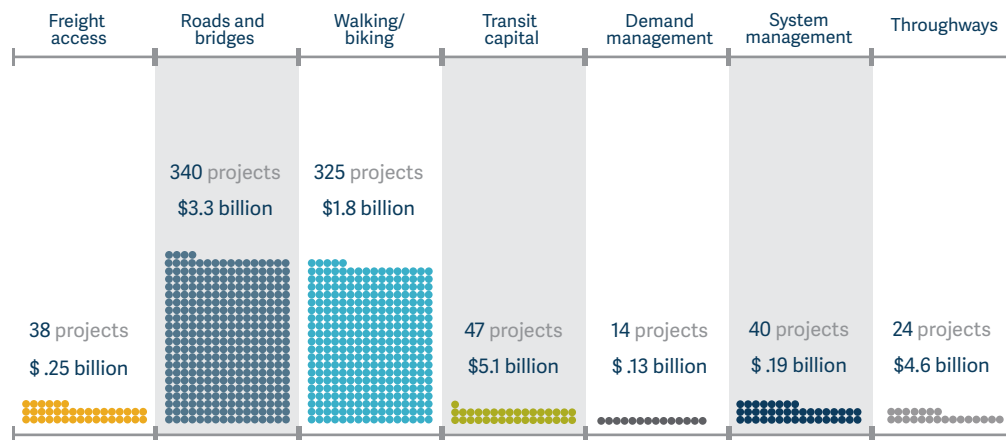
Costs have been rounded. Source: Draft 2018 Regional Transportation Plan financially constrained list

Roads, bridges, and walking and biking connections have the most projects in the draft 2018 Regional Transportation Plan constrained list, though the cost of projects vary greatly.

Defining terms

Throughways

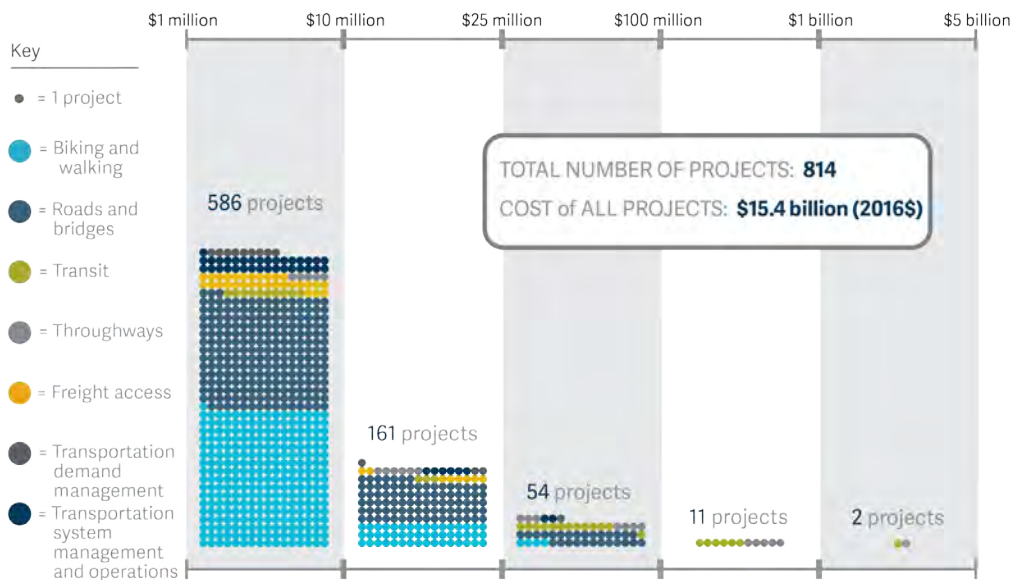
Controlled access (on-ramps and off-ramps) freeways and major highways



Costs have been rounded. Source: Draft 2018 Regional Transportation Plan financially constrained list

Types of capital projects by cost

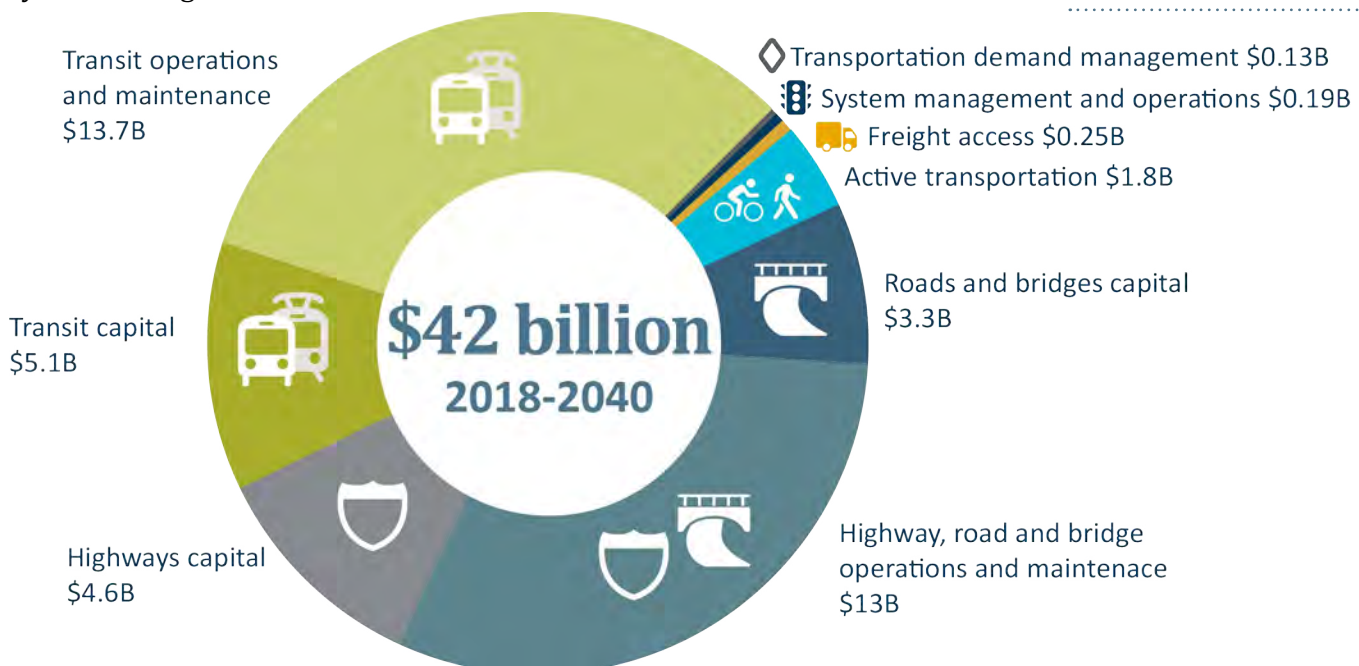
Projects in the draft 2018 Regional Transportation Plan constrained list range from \$1 million to nearly \$3 billion.



Source: Draft 2018 Regional Transportation Plan financially constrained list

Capital, operation and maintenance investments

Taking the constrained project list with the estimated amount to be spent on highway, road, bridge and transit operations and maintenance means the greater Portland region expects to spend \$42 billion on our transportation system through 2040.



Highway, road and bridge operations and maintenance

\$13 billion

Estimated amount to be spent on road operations and maintenance in the greater Portland region, 2018–2040. This does not include maintenance of local streets

Transit operations and maintenance

\$13.7 billion

Estimated amount to be spent on transit operations and maintenance and service related capital costs in the greater Portland region, 2018–2040. This does not include C-TRAN operations and maintenance costs.

Outcomes of the draft plan

Key takeaways from the 2018 Regional Transportation Plan

By 2040, the region is expected to have 500,000 more people and 350,000 more jobs. After a three-year collaborative process, the region is considering an updated plan that will invest the combined federal, state and local funds expected through 2040. The proposed investments have been analyzed to determine how well they support our vision for a transportation system that is safe, reliable, healthy and affordable.

The results are in and the news is mostly good. The investments in the draft 2018 Regional Transportation Plan are expected to expand travel options, improve transit access to jobs and community places for marginalized communities, help people live healthier lives and save businesses and households money. However, the region is expected to fall short of some of our desired outcomes, including easing congestion.

Social equity

With the draft constrained list, the greater Portland region is making progress toward improving equity in some areas, but there is still more to do. Where partners could redirect and advance active transportation completeness and safety investments, they did.

- In total, 307 transportation projects are in equity focus areas in the first 10 years of the plan; that number grows to 588 transportation projects by 2040, about 44 percent of the total constrained list.
- In the first 10 years, \$3.9 billion dollars of active transportation and transit capital investment is expected in equity focus areas; through 2040, there will be \$6.5 billion of active transportation and transit capital investments.
- The constrained list is increasing the number of jobs and community places, like the grocery store, libraries, banks and medical facilities, the average household in equity focus areas can reach within a short transit trip. This reflects the significant investment in transit, both on the capital side and in service hours.
- When it comes to bicycling, walking or driving, the average household in equity focus areas is seeing an increase in the number of jobs and community places within a short trip, though not as much of an increase as the average household in other areas.

Safety

Two-thirds of the projects in the constrained list will help improve safety. Three-quarters of those projects with safety benefits are in equity focus areas, which are also the same areas with the highest incidents of crashes causing death or life-changing injuries. See map on page 23 for locations of projects with a safety benefit.

Defining terms

Equity focus areas

Areas where people of color, English language learners or people with low-income reside at a higher proportion and twice the density than the greater Portland region as a whole

Most of these areas also include higher than regional average concentrations of other historically marginalized communities, including young people, older adults and people living with disabilities.

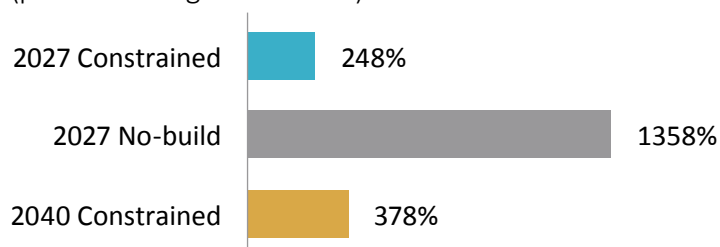


546 projects provide a safety benefit

Congestion and reliability

Traffic is expected to grow and congestion will get worse than today, especially on the region's throughways. However, people will spend significantly less time in traffic and delay than if investments in the plan aren't made. Congestion pricing as well as other management strategies – will be needed to improve reliability and reduce demand to further address congestion to help save businesses money, support job creation, and promote the efficient movement of goods.

Truck hours of delay, 1-3pm, on regional freight network
(percent change from 2015)

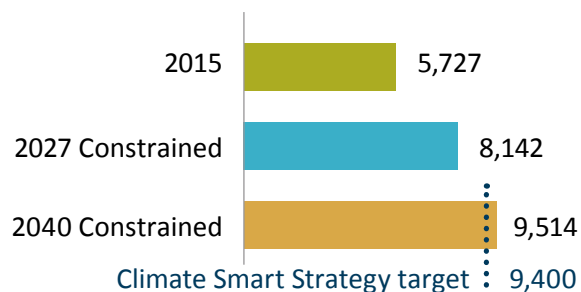


Health

Expanded transit service coupled with growing demand for transit, biking and walking will reduce pollution from automobiles to help protect the region's clean air and meet the region's greenhouse gas emissions reduction commitment. The plan is expected to result in a 21 percent reduction in annual greenhouse gas emissions per person by 2040 – short of the 25 percent reduction called for by state law.

Reduced air pollution and increased physical activity will help reduce illness, save lives and lower healthcare costs. In 2010, our region spent \$5 to 6 billion on healthcare costs related to illness alone. By 2040, the region is expected to save \$32 million per year by implementing the plan.

Transit revenue hours of service



Affordability

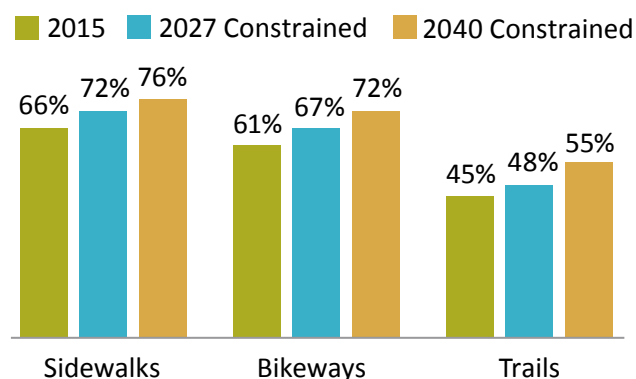
While more affordable travel options will be available throughout the region, especially in centers and equity focus areas, more funding is needed to complete gaps in biking, walking and off-street trail networks.

Expanded transit service and access to transit will increase access to jobs and community places, particularly for households in equity focus areas.

Households will save money by driving fewer miles in more fuel-efficient vehicles while walking, biking and using transit more. This allows people to spend money on other priorities, of particular importance to lower-income households.

See chapter 7, Measuring Outcomes of the draft 2018 Regional Transportation Plan for more information.

Sidewalk, bikeway and trail completeness near transit



*within 1/2-mile of light rail stations, 1/3 mile of street car line, 1/4-mile of bus line

Source: Draft 2018 Regional Transportation Plan fiscally constrained list

Implementation strategies

As part of the 2018 Regional Transportation Plan update, implementation strategies for transportation safety, transit, freight and emerging technology were developed.

Regional Transportation Safety Strategy

oregonmetro.gov/safety

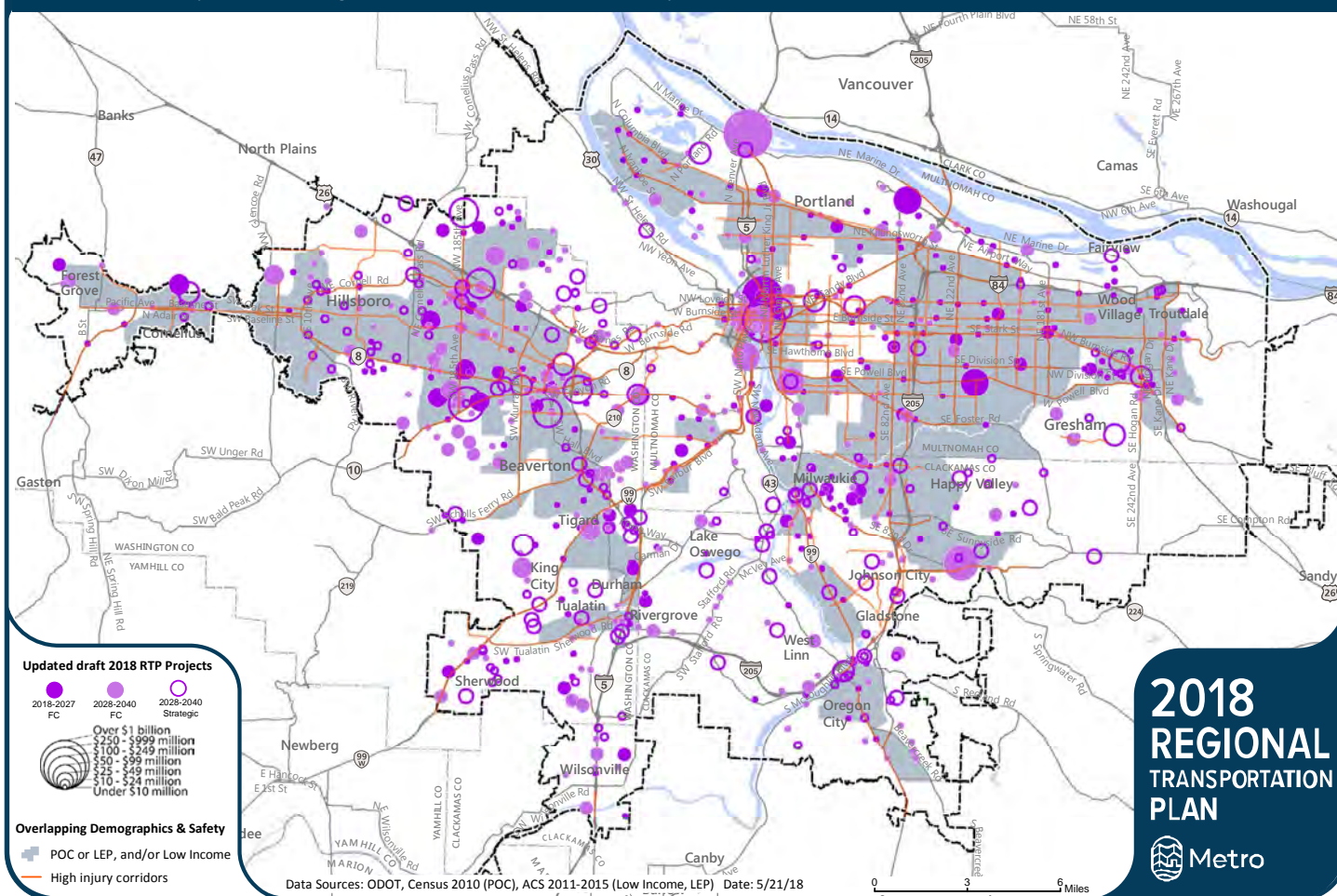
A cornerstone of this Regional Transportation Plan update is safety. The updated Regional Transportation Safety Strategy includes the ambitious safety goal of Vision Zero. Metro's updated target is zero traffic-related deaths and life-changing injuries in the greater Portland by 2035. The strategy includes new regional transportation safety and security policies and updated actions to address the contributing factors in fatal and life-changing traffic crashes identified for the greater Portland region.

The updated strategy uses the "safe system" approach which leads with the premise that no loss of life from traffic crashes is acceptable and that all fatal and life changing injuries are preventable. With the safe system approach, the transportation system is designed so that when mistakes occur they do not result in a death or life-changing injury. Human frailty is acknowledged and the transportation system is designed to protect all users including people walking, driving, taking transit, riding bicycles and using mobility devices. Current data show only one out of 10 pedestrians hit by a person driving 40 miles per hour would survive.

The updated transportation safety strategy includes analysis of crash data that identifies regional high injury corridors. Sixty percent of fatal and life-changing injury crashes occur on just 6 percent of the roadways in the greater Portland region. Metro and partners can target these areas to reduce traffic related deaths and life-changing injuries.



2018 Regional Transportation Plan Projects with a Safety Benefit: This map shows projects in the 2018 Regional Transportation Plan that provide a safety benefit, overlapped with regional high injury corridors and census tracts with higher than regional average concentrations and double the density of one or more of the following: people of color or English language learners, and/or people with low income. Safety benefit projects are projects that increase safety for one or more roadway user. These projects may not necessarily address an identified safety issue at an identified high injury or high risk location, but they do include design treatments known to increase safety and reduce serious crashes.



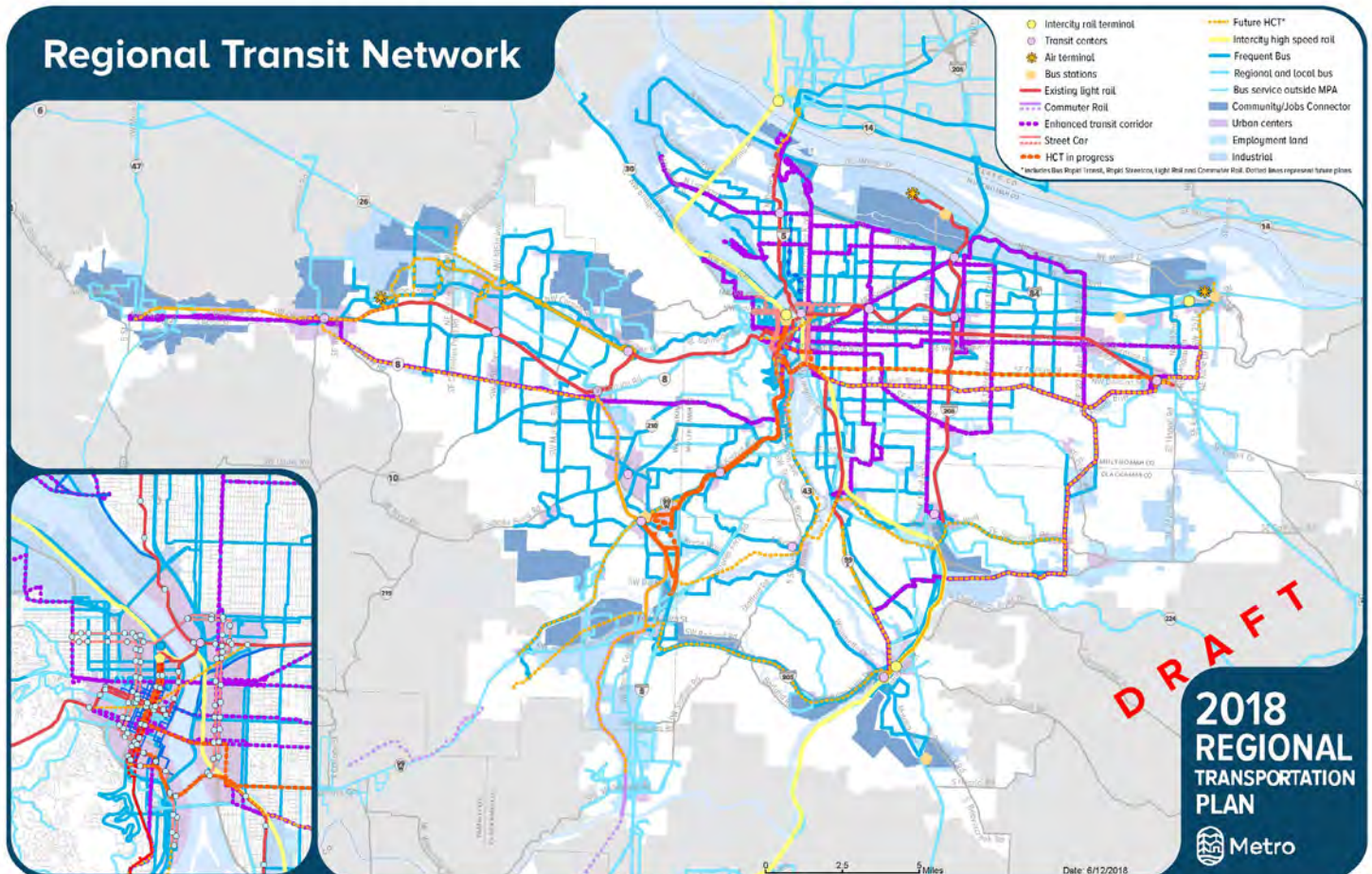


Regional Transit Strategy

oregonmetro.gov/transit

A key part of the 2018 Regional Transportation Plan update included development of the region's first regional transit strategy. The strategy defines a comprehensive vision, policies and investments needed to help make the region's transit system frequent, convenient, accessible and affordable for everyone. The new strategy brings the visions of communities and multiple transit providers together, including TriMet, South Metro Area Regional Transit (SMART), C-TRAN, Salem-Keizer Transit, Canby Area Transit, Sandy Area Metro and Ride Connection, to provide important connections between urban centers, jobs, schools and other destinations.

In addition, the strategy updates and replaces the regional High Capacity Transit System Plan vision adopted in 2009, looking beyond high capacity transit projects like light rail or bus rapid transit to expand the range of transit options available to meet travel needs throughout the region. New to the region's vision and policies for transit is the Enhanced Transit Concept. The Enhanced Transit Concept includes the implementation of small- to moderate-scale solutions, such as bus only lanes and transit priority signals at intersections, to improve speed and on-time performance in the region's most congested and unreliable frequent transit network segments.

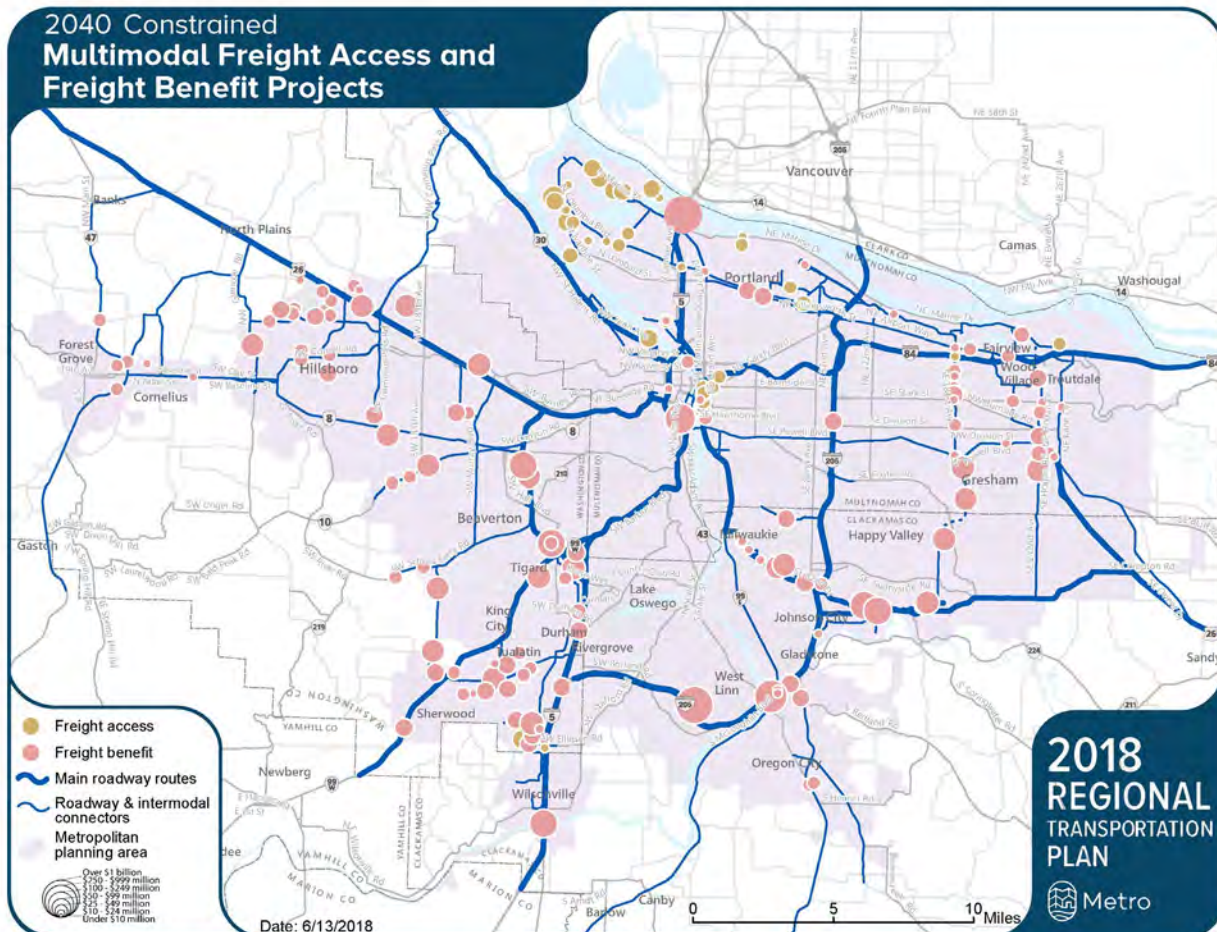


Regional Freight Strategy

oregonmetro.gov/freight

The 2018 Regional Transportation Plan update also resulted in updates to the Regional Freight Strategy adopted in 2010. The strategy provides an updated vision, policies and investments that support the greater Portland region's role as the freight transportation and trade gateway for the state of Oregon and many southwest Washington businesses.

A variety of products are exported from or travel to this region, like the crops shipped from Willamette Valley farms or microchips manufactured in Hillsboro. In addition, nearly all foods, clothing, construction materials, medical supplies, etc. that residents and businesses rely on daily come from outside the region. Forecasts predict twice as much freight will travel within and through the greater Portland region by 2040. New freight policies seek to help improve safety and better manage roads that provide critical access to and connections between industrial centers, ports, rail yards, shipping facilities and the Interstate and state highway system. Implementation of freight projects and actions identified in the strategy will expand shipping choices, improve safety and reliability and reduce delays in the flow of goods and services throughout the region.





Emerging Technology Strategy

oregonmetro.gov/rtp

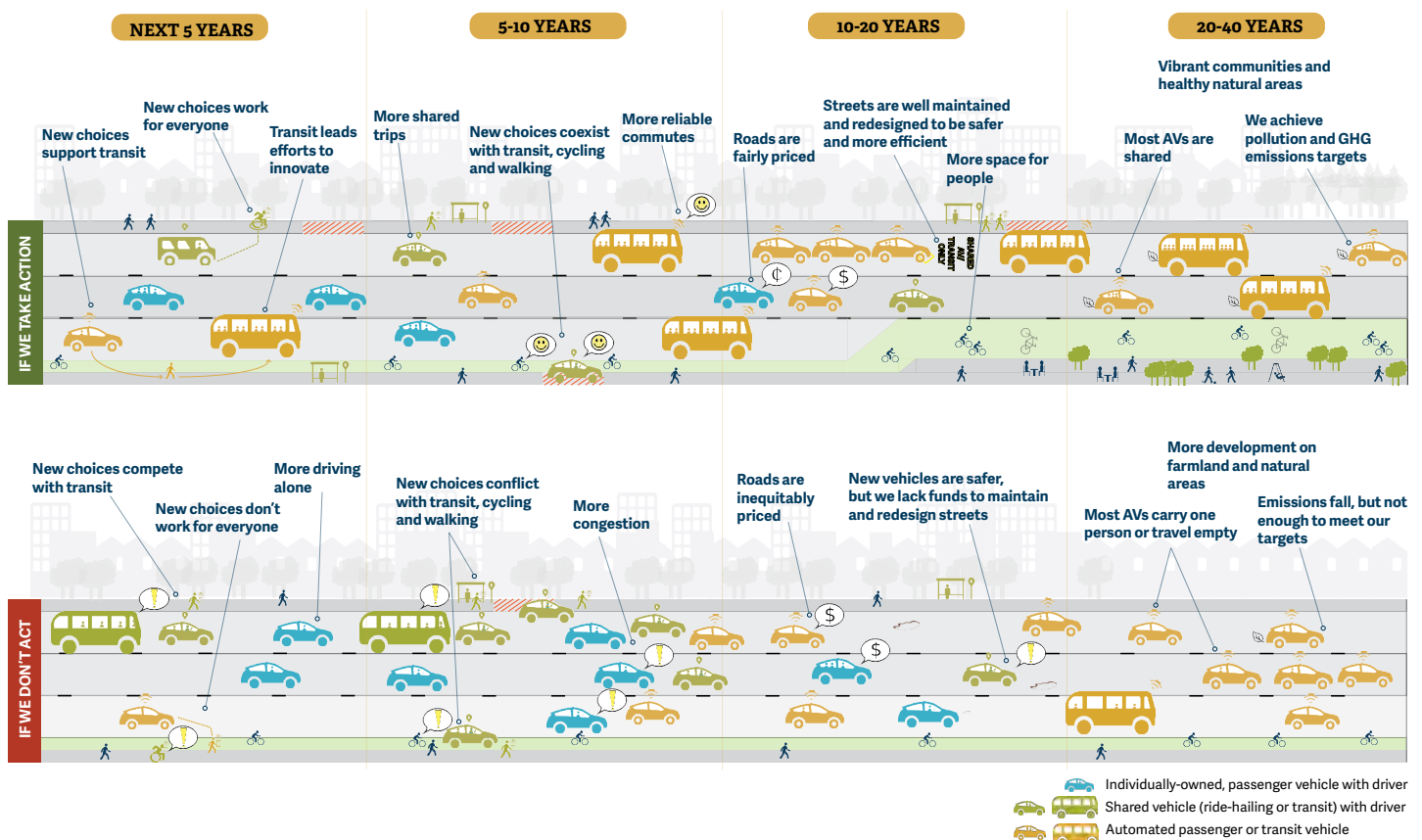
Technology is already changing the way people get around in greater Portland. Ride-hailing services, such as Uber and Lyft, provided over 10 million rides in Portland in 2017. Biketown, the City of Portland's bike-share service, logged more than 300,000 trips in its first year of operation.

The emerging technology strategy is new to the Regional Transportation Plan. It examines the effects of current technologies and developing ones, such as the first generation of driverless cars that will likely share the roads within the next five years.

The strategy lays out a long-term vision of how technology can support Metro's goals to make the region a more livable and equitable place. New policies call for public agencies in the region to:

- help make emerging technologies accessible to all
- use technology to support equitable, shared, and active travel choices
- advance the public interest through innovation.

How emerging technology could impact the greater Portland region's future



Other implementation strategies

There are several implementation strategies for the Regional Transportation Plan that were not updated as part of the 2018 Regional Transportation Plan. These strategies continue to inform policy development and investment in our transportation system and will be informed by the updated policies of the 2018 Regional Transportation Plan.

Regional Travel Options Strategy (May 2018)

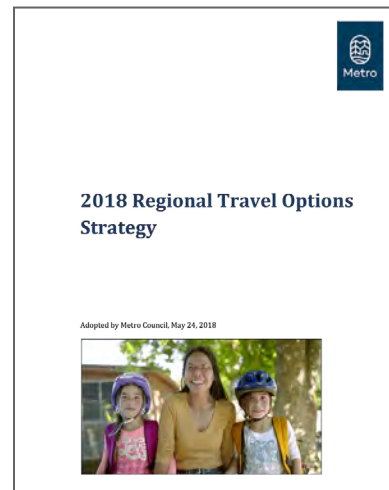
oregonmetro.gov/traveloptionsstrategy

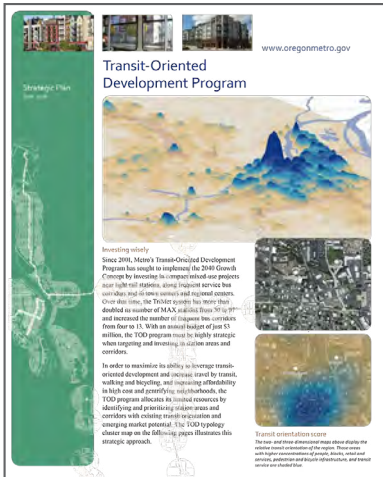
The Regional Travel Options Strategy maps out a plan for reducing reliance on driving alone through employer outreach programs, traveler education and incentives for using alternatives to driving. The updated strategy provides direction for the program into the next ten years. It builds on the historic success of the program, addresses challenges, and responds to community needs. This Strategy offers policy direction for establishing a new regional Safe Routes to School program, adapting to new technologies, and prioritizing projects and programs that address inequities. It addresses the need for the Regional Travel Options program to work with new partners to reach more residents throughout the region.

Coordinated Transportation Plan for Seniors and People with Disabilities (TriMet; June 2016)

trimet.org/meetings/stfac/pdfs/ctp.docx

Prepared by TriMet, the coordinated transportation plan defines priorities and actions to support a cost-effective, efficient and high-quality transportation system that serves the needs of seniors and persons with disabilities. It identifies current and future needs, calling for investments and actions to help ensure people have access to medical care and other essential services. The plan recognizes seniors will represent the fastest growing segment of our population in years to come and defines a continuum of services that takes into account people's abilities as they transition through various stages of age and ability.





Transit-Oriented Development Strategic Plan (June 2016)

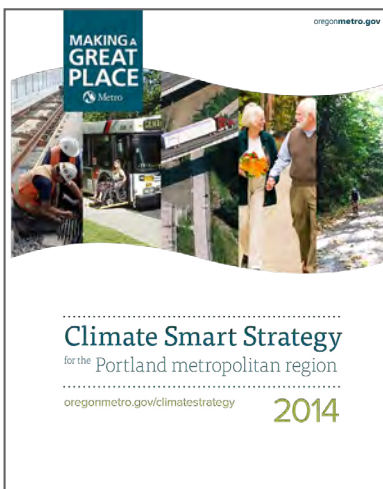
oregonmetro.gov/tod

Metro's Transit-Oriented Development Program implements the 2040 Growth Concept by investing in compact mixed-use projects near light rail stations, along frequent service bus corridors and in town centers and regional centers. The program has an increased focus on providing affordable housing near transit and services.

Climate Smart Strategy (December 2014)

oregonmetro.gov/climatesmart

The Climate Smart Strategy defines policies, strategies and near-term actions to guide how the region moves forward to integrate reducing greenhouse gas emissions with ongoing efforts to create the future we want for our region.



Regional Active Transportation Plan (July 2014)

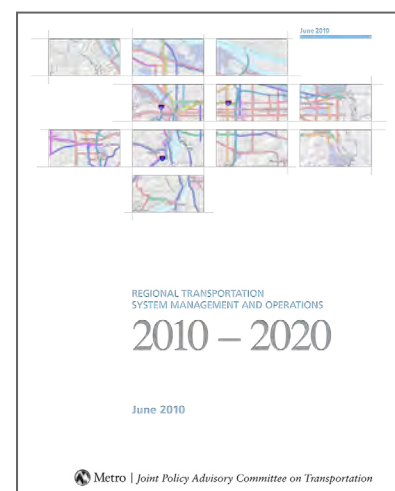
oregonmetro.gov/activetransportationplan

The Regional Active Transportation Plan defines a vision and policies that will make it easier to walk, ride a bike and access transit to work, school, parks and other destinations throughout the region.

Transportation System Management and Operations Plan (June 2010)

oregonmetro.gov/tsmo

The Transportation System Management and Operations Plan defines policies, strategies and investments for managing demand and improving how the transportation system operates. It identifies cost effective, multimodal solutions that relieve congestion, optimize infrastructure investments, promote travel options and reduce greenhouse gas emissions and air pollution. This plan will be updated in 2019.



How we got here

From start to finish, development of the 2018 Regional Transportation Plan has been about meaningful engagement with the community and business leaders and our elected officials working together to craft a common vision for the greater Portland region's transportation system.

Phase 1: Getting started

Beginning in summer 2015, the first phase consisted of engaging local, regional, state, business and community partners to prioritize the regional challenges to be addressed in the update and the process for how the region should work together to address them. This engagement included:

- interviews with 31 stakeholders
- discussion groups in partnership with Metro's diversity, equity and inclusion team with communities of color and youth on priorities and issues related to racial equity
- a partnership with PSU's Center for Public Service and 1000 Friends of Oregon to explore components of inclusive public engagement to develop an approach to better reach underrepresented communities
- a public involvement retrospective that summarized previous feedback from communities of color on transportation planning and project development
- an online survey with more than 1,800 participants to help identify the top transportation issues facing the greater Portland region.

This phase concluded in December 2015 with JPACT and Council approval of the work plan and public participation plan for the update. In addition to implementing the 2014 Climate Smart Strategy, the adopted work plan identified seven policy topics for the Regional Transportation Plan update to focus on – safety, equity, freight, transit, finance, performance and design.

Phase 2: Framing trends and challenges

The second phase began in January 2016 and concluded in April 2016. In this phase, Metro engaged the public, jurisdictional partners and business and community leaders to document key trends and challenges facing the region as well as priority outcomes for investment in the region's transportation system. This included:

- an online survey with more than 5,800 participants responding to the questions
- a Regional Snapshot on transportation, published in April 2016.

Also in April 2016, the Metro Council convened members of MPAC, JPACT, state legislators, community and business leaders and other interests from



Regional leadership forums

To address the challenges and trends facing our region, the Metro Council convened a series of four regional leadership forums to shape development of the 2018

1 Exploring Big Ideas for Our Transportation Future 4/22/16

2 Building the Future We Want 9/23/16

3 Connecting Our Priorities to Our Vision 12/2/16

4 Finalizing Our Shared Plan for the Region 3/2/18

Regional Transportation Plan. Forum participants included members of MPAC, JPACT, state legislators, and community and business leaders from throughout the greater Portland region. Working side-by-side, local, regional and state leaders brought the perspectives of their communities and constituents to the conversation around the challenges we are facing, our vision for the future and potential solutions for moving forward together. The discussions shaped the update to the plan's vision, goals, policies and projects.

Greater Portland voices



“We loved our old neighborhood so we started looking there. Then we realized we couldn’t afford anything we wanted...We got everything we wanted [in Tualatin]. The only thing that would make it better is if the commute was any less. I’m looking at 45 minutes and my wife is about an hour.
— Brian, Tualatin resident



“I commute from Forest Grove to Portland... If there is no traffic, 40 to 45 minutes I’ll be downtown. But with traffic it takes at least an hour... If there will be anything faster, more reliable and affordable, I’ll take it.” — Edna, Forest Grove resident

across the region to discuss the key trends and challenges facing the region during the first of four regional leadership forums.

Metro staff also worked with the Oregon Department of Transportation’s (ODOT) economist and jurisdictional partners, individually and through a technical work group, to forecast a budget of federal, state and local funds the greater Portland region can reasonably expect by 2040.

Phase 3: Looking forward

From May 2016 to May 2017 technical work and public engagement activities continued to focus on finalizing a shared vision statement for the plan, developing draft strategies for safety, transit and freight, and updating the evaluation framework and measures for evaluating plan performance. The engagement for this phase included:

- a round of follow up discussion groups in partnership with Metro’s diversity, equity and inclusion team with communities of color and youth to review actions and priorities for the agency’s racial equity strategy
- focus and discussion groups on transportation priorities for communities of color and strategies to improve engagement with underrepresented groups
- an online survey focusing on priorities for communities of color
- an online survey with more than 2,600 participants weighing in on investment priorities and funding
- discussion groups with communities of color on hiring practices and priorities related to the Planning and Development department-specific equity plan.

The Metro Council also hosted its second and third regional leadership forums. In regional leadership forums 1 and 2, there was consensus that a bold vision and more funding are needed to build a 21st century transportation system. In forum 3, leaders discussed a shared vision for the future transportation system and potential near-term priorities for addressing regional transportation challenges in ways that supported the vision. Participants also identified actions to build a path to future funding.

Staff also compiled background information and online resource guide maps to support jurisdictional partners as they updated their investment priorities for further evaluation and public review during Phase 4. In addition, staff launched the RTP Project Hub – an online visual database – for jurisdictional partners to use to update project information and collaborate with other jurisdictions. Phase 3 concluded with Metro Council directing staff to release a call for projects to update the region’s transportation near- and long-

term investment priorities to support regional goals for safety, congestion relief, affordability, community livability, the economy, social equity and the environment.

Phase 4: Building a shared strategy

The fourth phase began in June 2017 with release of a second Regional Snapshot on transportation and the call for projects for jurisdictional partners to update the plan's regional transportation project priorities. Agencies were asked to identify projects that address regional needs and challenges, reflect public priorities and maximize progress toward the region's agreed upon vision and goals for the future transportation system.

Local jurisdictions and county coordinating committees worked within a constrained budget and capital funding targets to determine the project priorities to put forward for inclusion in the plan in collaboration with ODOT, Metro, South Metro Area Regional Transit (SMART) and TriMet. All project submissions were required to have come from adopted plans or studies that provided opportunities for public input.

In summer 2017, Metro analyzed three funding scenarios: 10-year constrained project priorities, 2040 constrained project priorities and 2040 strategic project priorities. The analysis tested new and updated outcomes-based system performance measures to evaluate performance of the transportation system as a whole for each scenario to help inform finalizing the plan's project priorities in Phase 5.

Metro staff also prepared an interactive map of proposed projects and lists that was made available on the project website for the public and partners to use to learn more about the projects under consideration. Safety, transit, freight and emerging technology strategies continued to be developed on parallel tracks. Jurisdictions also piloted project-level evaluation criteria on 50 projects; the pilot project evaluation will be advanced during the next RTP update.

The results of the analysis were released in November 2017. Engagement activities included:

- a community leaders' forum for feedback on the results
- Metro Councilor briefings to business and community groups
- an online survey with more than 2,900 participants.

The analysis was also summarized in a larger discussion guide for decision-makers that also relayed key issues and the results of the call for projects. A fourth and final Regional Leadership Forum was held in March 2018 to discuss findings and recommendations from the technical analysis and public

Greater Portland voices



"Definitely there's more of a neighborhood feel now [in St. Johns]... It would be nice to see this place grow like North Williams, or Mississippi. You know, more of a place where I can raise a family... I hope they don't commercialize this place too much, though. I think that would be great." — *Narayan, North Portland resident*



"In a sense, we're a little bit isolated because we don't have quick access to services or the park, so that's why I have to drive everywhere. There are other areas in Happy Valley that do have sidewalks. But those are all developments. And as I said, I don't live in a development." — *Katie, Happy Valley resident*

Connecting with people to create a better plan

Nearly
18,000
individual
touch points
from 2015-18

4 Regional Leadership Forums

10 community and business briefings

1 consultation meeting with tribes and resource agencies*

2 Community Leaders Forums

5 TPAC/MTAC workshops

5 online surveys

17 equity discussion groups

61 stakeholder interviews

64 technical workgroup meetings

76 regional advisory committee meetings

22 Metro Council meetings

3 hearings*

Coordination committee briefings

*planned during comment period

engagement. Recommendations from the forum provided further direction for finalizing the plan during Phase 5.

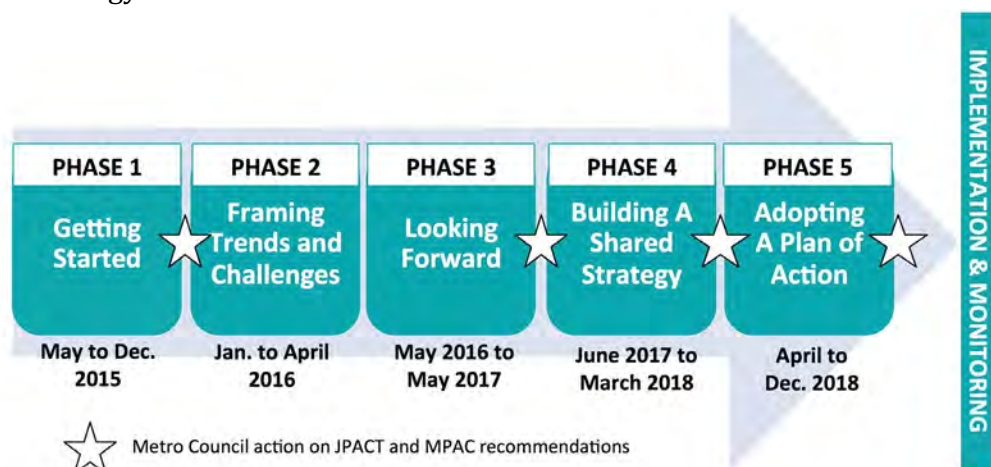
Phase 5: Adopting a plan of action

The fifth and final phase of the process began in April 2018 and is focused on finalizing and adopting the region's investment priorities and strategies recommended through 2040. The 2018 Regional Transportation Plan is available for public review and feedback from June 29 through Aug. 13. For this comment period, engagement activities include:

- an online survey with a high level summary of the plan
- an interactive map of projects, project lists and a briefing book that provides a more in-depth survey
- draft documents, including the 2018 Regional Transportation Plan and safety, transit, freight and emerging technology strategies, available for review and comment.

The Metro Council will hold a hearing on Aug. 2, 2018. All comments received during the comment period will be summarized in a public comment report. Recommend changes to the draft materials to respond to all substantive comments received during the comment period will be summarized in a public comment log that will be considered by MPAC, JPACT and the Metro Council during the adoption process.

JPACT and MPAC will make recommendations to the Metro Council in October 2018. The Metro Council is scheduled to hold legislative hearings on Nov. 8 and Dec. 6. The Metro Council will consider adoption of the final plan, project priorities and strategies for safety, transit, freight and emerging technology in December 2018.





Public comment opportunity on the 2018 RTP

June 29 to Aug. 13, 2018

Your input today will help guide decision-makers as they finalize the policies, strategies and project lists in the Regional Transportation Plan before adopting it in late 2018.

The 2018 Regional Transportation Plan provides the opportunity to update the investments we will make in roads, sidewalks, bikeways, transit and freight routes to support communities today and in the future. This update is an opportunity to define how we will create a safe, reliable, healthy and affordable transportation system for the next 25 years.

Your voice is important

The Metro Council and other decision-makers want to hear from you to help them make a recommendation on the 2018 Regional Transportation Plan and supporting policies, strategies and projects by the end of the year.

You are invited to provide feedback on the plan during the **public comment period from June 29 through Aug. 13, 2018**. We want to hear your thoughts on:

- 2018 Regional Transportation Plan
- 2018 Regional Transit Strategy
- 2018 Regional Freight Strategy
- 2018 Regional Safety Strategy
- 2018 Regional Emerging Technology Strategy

SHARE YOUR THOUGHTS

June 29 to Aug. 13

Take the survey at:

oregonmetro.gov/rtp

Your input will be shared with regional decision-makers as they work together to finalize the policies, strategies and project lists in the 2018 RTP.

Regional policy committees will make final recommendations to the Metro Council in October. The Metro Council will consider adoption in December.

Learn more about the 2018 RTP at oregonmetro.gov/rtp

WAYS TO COMMENT

June 29 to Aug. 13

Comments will be accepted through Mon., Aug. 13, 2018

Write a letter

Metro Planning
600 NE Grand Ave
Portland, OR 97232

Email comments

transportation@oregonmetro.gov

Attend public hearing

Comment in person before the Metro Council on Aug. 2 at 2 p.m.

Location:

600 NE Grand Ave
Portland, OR 97232

Call

503-797-1750
503-797-1804 TDD

Take the survey

oregonmetro.gov/rtp

Follow oregonmetro



2018 Regional Transportation Plan

The greater Portland region's economic prosperity and quality of life depend on a transportation system that provides every person and business in the region with equitable access to safe, reliable, healthy and affordable travel options.

During this comment period, the Metro Council will ask for public review and comment on the draft policies in the 2018 RTP, draft strategies for transit, freight, safety and emerging technology, and the projects recommended to address the region's significant and growing transportation needs.

Overview of draft strategies

Transit

As the region continues to grow, it's important that our transportation system provides a variety of travel options to meet the needs of everyone who calls this place home.

The purpose of the Regional Transit Strategy is to provide a coordinated vision and a set of policies to make transit service more convenient, frequent, accessible and affordable for everyone in the greater Portland region.

Freight

The greater Portland region is the trade and transportation gateway for Oregon and provides market access for many southwest Washington businesses.

The purpose of the Regional Freight Strategy is to define a set of policies and strategies aimed at increasing economic prosperity and stewardship of the multimodal freight network throughout the greater Portland region.

Safety

Traffic related deaths and severe injuries are a critical and preventable public health and social equity issue in the greater Portland region.

The purpose of the Regional Safety Strategy is to provide a specifically urban-focused overarching data-driven framework for increasing traffic safety in the greater Portland region. The plan focuses on strategies and actions drawn from best practices and proven to reduce traffic related deaths and serious injuries.

Emerging technology

Technology is already transforming our region's transportation system; the way the region's residents access, experience and use the transportation system has changed dramatically in the past five years.

The purpose of the Emerging Technology Strategy is to provide a framework for the region to harness new developments in transportation technology to ensure it is equitable, accessible and affordable to all people in the greater Portland region.



If you picnic at Blue Lake or take your kids to the Oregon Zoo, enjoy symphonies at the Schnitz or auto shows at the convention center, put out your trash or drive your car – we’ve already crossed paths.

So, hello. We’re Metro – nice to meet you.

In a metropolitan area as big as Portland, we can do a lot of things better together. Join us to help the region prepare for a happy, healthy future.

Metro Council President

Tom Hughes

Metro Councilors

Shirley Craddick, District 1
Betty Dominguez, District 2
Craig Dirksen, District 3
Kathryn Harrington, District 4
Sam Chase, District 5
Bob Stacey, District 6

Auditor

Brian Evans

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oregonmetro.gov/news

If you have a disability and need accommodations, call 503-220-2781, or call Metro’s TDD line at 503-797-1804. If you require a sign language interpreter, call at least 48 hours in advance.



Metro

600 NE Grand Ave.
Portland, OR 97232-2736
503-797-1700
503-797-1804 TDD
503-797-1795 fax

2018 Regional Transportation Plan



safe • reliable • healthy • affordable

For more information, visit
oregonmetro.gov/rtp

Printed on recycled-content paper

July 11, 2018

What do you think?

Comment on the draft 2018 Regional Transportation Plan June 29 through Aug. 13, 2018.

Submit comments:

- online at oregonmetro.gov/rtp
- by mail to Metro Planning
600 NE Grand Ave.
Portland, OR 97232
- by email to
transportation@oregonmetro.gov
- by phone at 503-797-1750 or
TDD 503-797-1804.

Explore the interactive project map and other information at oregonmetro.gov/2018projects.

Memo



Metro

600 NE Grand Ave.
Portland, OR 97232-2736

Date: Wednesday, July 11, 2018
To: Council President Hughes
Metro Councilors
MPAC
MTAC
From: Rebecca Hamilton, Regional Planner
Subject: City Readiness Advisory Group (CRAG) comments on UGB expansion proposals

Beginning this summer, the Metro Council and its advisory committees will examine the population and jobs forecast for greater Portland to inform whether the urban growth boundary needs to expand. Metro has also asked cities to prepare information that will help determine where expansion should happen if it's needed.

To answer this question, Metro asked the cities of the region to submit proposals on where and how their communities would expand into new areas. Four cities (Beaverton, Hillsboro, King City and Wilsonville) submitted proposals to expand greater Portland's urban footprint by 2,181 acres with hopes for developing about 9,200 homes in these areas.

The City Readiness Advisory Group (CRAG), a citizen advisory group convened by Metro, was charged with providing feedback to MTAC, MPAC and Council on the strengths and weaknesses of each proposal. Members of the CRAG were selected for their expertise in residential and commercial development, affordable housing, equity, parks and natural spaces, multimodal transportation, land use and housing supply.

The group reviewed the city proposals in light of the expectations laid out in Title 14 of Metro's code (and its Administrative Guidance), specifically cities' efforts to:

- Support development of the proposed expansion area with a viable plan to pay for needed pipes, parks, roads and sidewalks.
- Ensure that the expansion will result in the development of needed housing.
- Enhance the role of existing centers, corridors, station communities and main streets (removal of barriers to mixed-use, pedestrian-friendly and transit supportive development).
- Preserve and increase the supply and diversity of affordable housing in existing urban areas.
- Advance the region's six desired outcomes.

The CRAG met on two occasions: an orientation meeting on June 4th, 2018 to provide background on the proposals and outline the review process, and then again on June 26th, 2018 to discuss their reviews. Council President Tom Hughes led both meetings and facilitated the group discussion at the second meeting.

Several themes and issues arose in the discussion of each of the four proposals. These are listed below for the Council's consideration:

- The proposals did not show a connection between their Housing Needs Analysis and the amounts, types, tenancy, and price ranges of the housing proposed in their concept plans.
- CRAG members desired a greater mix of housing types to address housing needs and create a more diversified housing supply.
- The net residential densities proposed in these concept plans would be unlikely to support transit.
- The proposals did not discuss if or how affordable housing would be incorporated into the proposed expansion areas or list strategies for how that could be accomplished.

The strengths and weaknesses of each individual proposal, as identified by the CRAG, have been summarized on the following pages.

Wilsonville

	Strengths	Weaknesses
Development feasibility	Because the land is flat, it will be easy to develop and would likely have lower infrastructure costs compared to other proposed expansions.	No guarantee that homebuilders will pass on lower infrastructure costs to buyers in sales prices rather than listing units at going price.
	As an extension of Frog Pond West, the proposed expansion area could build on existing infrastructure connections.	Timing and funding of some key transportation elements is unsure (e.g., Boeckman Bridge, Boeckman Road and Stafford Road).
	Lower proposed density may mitigate traffic impacts on Wilsonville Road	
	Overall high degree of development readiness, with many infrastructure pieces and amenities (such as new schools) already in place.	
Housing needs	Planned housing mix would allow the city to provide more SF units to round out their housing supply	It was unclear that the focus on SF housing relates to need, or why the city believes that homeownership is preferred over rental units.
	Concept plan provides for a diversity of single-family housing with up to 8 different housing types and lot sizes	Opportunity to incorporate missing middle housing not taken; this adds another subdivision on to another subdivision. Flexible mixed zoning desired.
	City has strong track record of investing in multifamily and diverse single-family housing types.	City's proposed strategy of "gradually increase housing choice and densities" is out of synch with the strong demand for new and diverse housing options throughout the region.

Affordable Housing	City has some tools in places to encourage development of market-rate affordable housing, such as a property tax exemption for MF properties offering subsidized rents and ADU SDC waiver	Unclear as to how much they've done to promote affordable housing thru direct policy/funding historically, and could likely be making a bigger investment in preserving/creating new affordable units for families making less than 80% of the median family income.
	City has successfully built new housing units at a wide variety of price points – not necessarily affordable to households making below 80% of the median family income, but affordable to moderate-income families.	The mental health units in Villebois that are mentioned in the proposal were statutorily mandated.
		City has a small amount of regulated affordable housing for a city of its size.
Investment in existing urban areas	Planning process is underway for a redeveloped Town Center, which is envisioned as a mixed-use, walkable community gathering place.	Town Center planning process is not guarantee of code/zoning changes, property transfers and development that would make this a reality; the implementation timeline is uncertain.
	Opportunities to connect the expansion area with the Town Center	Low density of expansion area may not be sufficient to support new commercial areas.
Advancing Metro's 6 desired outcomes	City has its own local transit system that could support the expansion area	At 8 units/acre, the proposed development would be just reaching the minimum density that is considered viable for supporting transit
	Strong integration of parks into concept plan and positive coordination between schools and parks. Proposed trails provide access to pedestrian greenways.	If multifamily is limited to the city center and the surrounding areas are reserved for single family, it could result in unintentional segregation by income level.
	Area is close to I-5, providing good access to jobs.	Distance from commercial developments makes it likely that this expansion area will be car-dependent

Hillsboro

	Strengths	Weaknesses
Development feasibility	The city has demonstrated its ability to successfully implement both development and re-development projects. Confidence in future development based on strong track record.	Areas such as the South Hillsboro development are still under development. Some CRAG members are under the impression that infrastructure costs have required more public subsidy than projected when the UGB was expanded to encompass it.
	Expansion area is extremely developable – land is flat and, as an extension of Witch Hazel Village, there are already infrastructure connections in place.	
	Expansion area consists of large parcels and relatively low number of owners will facilitate development.	
Affordable Housing	Affordable housing experts in the group note that the city has taken commendable steps towards increasing affordable housing that weren't mentioned in the proposal	No discussion of how WHVS would contribute to meeting Hillsboro's affordable housing needs or indication that the city would be incorporating any affordable housing into the new development. Now would be the time to make explicit provisions for incorporating affordable housing into this expansion area, before value has been added to the land.
	The city has made a bigger commitment to affordable housing in recent years, in addition to their historic commitments via HOME and CDBG, and general funds to Community Housing Fund. They have suggested: 1) potentially distributing remnant parcels, 2) parking reductions, 3) tax exemption and 4) general fund gap money. City has also hired a planner to focus specifically on affordable housing.	The proposal should commit to tools such as adoption of a Construction Excise Tax for affordable housing, SDC waivers, density bonuses, and parking reductions rather than state that these types of tools are being "considered, evaluated and explored."

Housing needs	Proposed mix of single-family detached, single-family attached, and ADUs would provide for a range of housing types, potentially serving a diversity of household types.	It is not clear, from the summary proposal, what the actual build out of WHVS would be. The proposal states that it is “anticipated” that certain “private-sector efforts” “may be employed” in WHVS to achieve missing middle housing, including use of PUDs, ADUs, and cottage clusters – not as certain as zoning or density requirements.
	Housing mix “seeks to provide a complete, balanced community that serves different people at different points in their lives”	Proposed zoning and housing mix misses opportunity to integrate higher-density & a greater variety of density, such as missing middle types of housing that could provide greater affordability.
		Emphasis on homeowner over rental options.
Investment in existing urban areas	City is using its existing land efficiently and existing zoning/incentives have created exemplary mixed-use, walkable TOD.	
	Examples of Orenco Station, AmberGlen as model investment areas.	
Supporting Metro’s 6 desired outcomes	Overall city culture of excellence in pushing for sustainability.	More commitment to transit and trails wanted – trails are currently only recommendations, and there is no discussion of transit
	Conceptual trail along Gordon Creek is a plus. Prior good work in parks creation noted.	The relatively low densities planned for WHVS will ensure it is an auto-dependent community.
	Hillsboro has more jobs than homes – adding more homes to the area might let more people live where they work	Concern that there are few strategies to prevent displacement as redevelopment occurs and leads to increased property values.
	Regarding community engagement: Lots of vision work, great boards (including youth) and commissions, and they have demonstrated some diversity on Council.	Is there evidence they’ve been able to reach underserved populations in prior planning processes? Google language translation on city websites won’t pull in folks who aren’t otherwise engaged.

Beaverton

	Strengths	Weaknesses
Development feasibility	Undevelopable area of proposed expansion allows for protection of natural resources and water quality, avoids difficult building constraints on steep slopes, and allows for park space.	More than half of the area can't be developed due to topography. Topography is challenging, environmentally and from a development cost/infrastructure standpoint.
	Expansion proposal would connect surrounding subdivisions as the final "puzzle piece" in the larger South Cooper Mountain Concept Plan.	Need more info on relationship with THPRD w/regards to Cooper Mountain park plans
	Topography provides an opportunity to develop sanitary and regional stormwater facilities for the area.	Not certain how many landowners are willing sellers.
Housing needs	New land would help meet 31% of the city's housing needs per their HNA.	Mismatch between their Housing Needs Analysis (HNA) and proposed housing types. Their HNA states that their city's biggest demand is in rentals and owned units for low-income housing, but dominance of single-family detached housing proposed here will not meet that need.
	Would help meet city's stated unmet need for single-family housing (attached and detached).	Lack of variety of housing options throughout plan area. Need for missing middle housing in SF housing areas unless precluded by topography
	They have an upcoming study to develop missing middle housing development opportunities, update of ADU rules	Missing Middle housing study is not yet underway; this timing is unfortunate, as new land represents a lot of opportunity.
Affordable Housing	"Without a doubt, Beaverton is the jurisdiction in Washington County most firmly committed to affordable housing."	Unclear as to whether affordable housing would be incorporated into new housing area
	They've dedicated increasing staff and board time to this issue, as well as increased their General Fund commitment this year. Affordable housing has designated line items in URA. They have acquired land for redevelopment, and have small grants for predevelopment. They implemented tax exemption, and are working on SDCs (especially with THPRD).	Given higher infrastructure costs and emphasis on single-family housing, it seems unlikely that units in this area could be provided at the levels of affordability identified in their HNA.
	Considering minimum parking requirements	

Investment in existing urban areas	City is investing in growth in its centers, developing its downtown and MAX station areas, and adding multifamily in those areas. Its vertical housing development zone was noted as a plus.	Areas surrounding proposed expansion area are more traditionally suburban. There was concern that this expansion area would be “tacking on another subdivision to a bunch of other subdivisions.”
	Beaverton’s existing overall residential supply and detached/attached housing split seems strong	
Advancing Metro’s 6 desired outcomes	Heavily emphasizes protection of natural resources with much of the area being dedicated to parks and natural land.	Area is challenging for multi-modal connectivity, both within itself and back into the existing urban area. Poor connectivity and lack of travel options suggests that this area is likely to be strongly car-dependent.
	Beaverton is considered the leader among cities its size in demonstrating an ability to reach out to and engage the broadest set of stakeholders in their community. Their BOLD leadership program has prepared and propelled many from communities of color. They’ve also done an outstanding job in building diverse leadership, and integration on boards and commissions.	Lack of mixed-use or commercial development means that residents will have to leave the development to access basic goods and services; combined with poor multimodal options, this will result in more driving trips.
		No commitment from the City to use the <i>Leading with Race</i> report by Coalition of Communities of Color that they mention in the public engagement, outcome development, and planning for expansion area. Rather than state the report is something the city “can” use, commit that the city “will” use it.

King City

	Strengths	Weaknesses
Development feasibility	The proposed Town Center is seen as workable on a small scale; intensive development is not necessary but it is believed that some small restaurants, coffee shops, etc. could be supported by the community.	How would the city attract the density they are proposing?
	Opportunity to deal with septic issues, as a sanitary pump station is slated for construction this summer. Replacing rural septic systems with sanitary sewer systems would help protect water quality.	Small staff, limited technical resources to plan for infrastructure and process building permits, etc. May require assistance in developing and implementing their concept plan.
	Finance plan and city efforts show that development should pay for itself	Estimates of infrastructure may be low; do not include costs for trails or features that would improve biking/walking options.
	As a small jurisdiction they've demonstrated that they understand the need to partner with County, TriMet, Tigard, etc. They've also had to depend on volunteerism in some regards, which adds to civic ownership and engagement.	
Housing needs	Expansion area would provide much-needed land for residential expansion, as current residential areas are almost completely built out.	The proposal narrative mentions the King City Housing Needs Analysis (HNA), but does not describe its conclusions.
	Plan maintains small lot sizes and compact, walkable development	
	Would provide a variety of unit and lot types for residents of different incomes & tenures, including a mix of single-family and multifamily home types. City seems especially open to manufactured housing.	What tools does the city have in place to ensure these types of development or incentivize them?
Affordable Housing	Although it has no record of having regulated affordable housing, King City has more market-rate affordable housing compared to the rest of the region - in part due to their compact development patterns	Preservation of their existing affordability will require strategies and investments, but the proposal has no description of what tools King City intends to use to preserve their existing market-rate affordability or create new affordable housing.

Investment in existing urban areas	Wrote a Town Center Plan and Implementation Strategy in 2015 through a Metro grant	Implementation Strategy for Town Center Plan does not seem to have been executed.
		Plan claims that there are limited opportunities for infill or vertical growth, but options such as upzoning or redevelopment do not appear to have been explored.
Advancing Metro's 6 desired outcomes	Opportunities to connect to Westside Trail system; could incorporate innovative transportation options like shared e-bikes, golf carts into an off-road trail network	Proposed town center would be removed from the existing community and would likely be auto-dependent.
	Community is becoming increasingly diverse; people of color hold high-ranking, decision-making positions in city leadership.	Existing connectivity issues for walking and biking, (especially around exiting cul-de-sacs) and a lack of transit service will limit how accessible this area can be for an aging population.
	Their proposed smaller-than-average lot and home sizes would be more energy-efficient.	

2018 urban growth management decision: engagement and process timeline

Per work program endorsed by Metro Council in February 2017

	Summer - Fall 2017	Winter 2018	Spring 2018	Summer 2018	Fall 2018
Program milestones	<div>Clarify expectations for cities</div>	<div>City letters of interest due</div>	<div>City proposals due</div>	<div>YOU ARE HERE</div> <div>Metro COO rec., followed by MPAC rec.</div> <div>Draft Urban Growth Report</div>	<div>Council decision</div>
Cities proposing expansions	<ul style="list-style-type: none"> • Concept planning for urban reserves • Letters of interest due Dec. 29 		Proposals due May 31	Present proposals	
MTAC	Recommendation: clarify expectations for cities proposing residential UGB expansions		<ul style="list-style-type: none"> • Discussion: merits of city proposals • Recommendation: tech advice, if requested by MPAC 		
Peer review groups	Regional population and employment forecast MetroScope model Buildable land inventory methods and results and other model assumptions (LUTAG)		Strengths & weaknesses of city proposals (CRAG)		
MPAC	Recommendation: clarify expectations for cities proposing residential UGB expansions		<ul style="list-style-type: none"> • Discussion: merits of city proposals • Recommendation to Council 		
Public comment opportunities	City planning processes		<ul style="list-style-type: none"> • Opt-In poll • Online comment period 	Council hearings	Council hearings
Metro Council	Decision: clarify expectations for cities proposing residential UGB expansions		Discussion: merits of city proposals		<ul style="list-style-type: none"> • Direction (Sept) • Decision (Dec)

Evolution of regional growth management process

Old system

Define complex housing needs based on simple math

Expand UGB based on soil types

Concept plan areas after adding to UGB

New system

Agree on where the region may grow over the next 50 years

Concept plan urban reserve areas before expansion

Decide whether proposed expansions are needed based on outcomes

Ongoing improvements to the region's urban growth management process

Protect farms and forests and make the most of what we have

1995: 2040 Growth Concept:

- Focus most growth in existing urban areas
- Expand the UGB in urban reserves when needed
- Protect industrial areas
- Consider implications of growth in neighbor cities

1996: Urban Growth Management Functional Plan:

- Protections for industrial lands
- No net loss for residential zoning

1997: Regional Framework Plan:

- Focus on redevelopment and infill
- Provide housing choices

2010: Urban and Rural Reserves (long-term vision for urban footprint)

Take an outcomes-based approach

2009: Initial direction on six desired outcomes

2010: Formal adoption of six desired outcomes

2014: Climate Smart Communities Strategy

2016: Equity Strategy

Have a plan before expanding the UGB

2010: Require a concept plan before expansion

2011: Require additional consideration of housing affordability in concept plans

Improve technical analysis

Ongoing: Peer review of models, methods, and forecasts

2009 on: Use of range forecast to acknowledge uncertainty

2014 on: Use of range of capacity to acknowledge uncertainty

2018 on: More explicit use of scenario modeling to inform growth management

Track development trends

Periodic: Regional Industrial Site Readiness inventory

Periodic: State of the Centers

Periodic: Regional Snapshots

Periodic: Urban Growth Reports

Be responsive to city proposals for UGB expansions

1992: Create annual opportunity for proposed non-residential expansions

2007: 2040 Planning and Development Grant program begins to fund local planning

2010: Create expedited UGB process for industrial expansion proposals

2017: Create mid-cycle UGB process for modest residential expansion proposals

2017: Clarify expectations for cities proposing residential expansions

Administrative guidance for cities proposing residential urban growth boundary expansions in the 2018 urban growth management decision

The factors found in section 3.07.1425 (d) 1-5 were drafted with the intent of providing flexibility for cities that are proposing residential urban growth boundary (UGB) expansions. This is in recognition of the fact that cities have differing circumstances. With that flexibility comes some ambiguity. Acknowledging that ambiguity, this document is intended as guidance for cities making proposals. It seeks to further explain the Metro Council's policy interests in order to help cities make the strongest proposal possible. In addressing these expectations, cities should make their best case for their proposed expansion, highlighting not only the merits of the proposed expansion area, but also demonstrating a commitment to implementing best practices in existing urban areas.

All code sections 3.07.1425 (d) 1 – 5 should be addressed in a city's proposal narrative. Please limit the proposal narrative (not including attachments or cover pages) to 15 pages. To be considered in the 2018 growth management decision, cities must submit all required proposal materials to Metro's Chief Operating Officer by close of business on May 31, 2018. The Metro Council will not consider proposals that are incomplete or late. Please contact Metro staff with any questions about how to address these code sections.

Cities proposing expansions primarily for employment purposes do not need to address these code sections as they are chiefly focused on residential considerations, but must still submit a proposal letter and a concept plan for the urban reserve by May 31, 2018.

Relevant Metro code sections are in **bold**. Administrative guidance is in *italics*.

1. **Whether the area is adjacent to a city with an acknowledged housing needs analysis that is coordinated with the Metro regional growth forecast and population distribution in effect at the time the city's housing needs analysis or planning process began.**

The State Department of Land Conservation and Development (DLCD) – not Metro – is responsible for acknowledging city housing needs analyses if they determine that the city's analysis is consistent with [Statewide Planning Goal 10 \(Housing\)](#). Cities are encouraged to coordinate with DLCD early to ensure that deadlines and requirements can be met. Cities should provide Metro with the relevant page from DLCD's Post-Adoption Plan Amendment online report. Cities should accompany that with a written statement that they received no appeals within the 21-day window (in which case the housing needs analysis is deemed acknowledged).¹

Cities should coordinate their housing needs analyses with a distributed forecast that was adopted by the Metro Council. The 2040 distributed forecast is the most recent forecast and was adopted via Ordinance No. 16-1371. The 2035 and 2040 distributed forecasts are [available on Metro's website](#). When feasible, cities are encouraged to rely on the most current forecast (the 2035 distributed forecast is older). Cities that are planning for more household growth than depicted in the Metro forecast should explain their rationale and how their plans, investments and the proposed expansion will address that growth.

¹ Metro staff clarified this submittal requirement in January 2018 after discussions with DLCD and city staff. This guidance reflects that clarification.

In addressing this code section in the proposal narrative, the Metro Council expects cities to demonstrate that, consistent with Statewide Planning Goal 10 (Housing), they are planning for a variety of housing types that can address the needs of diverse household sizes and incomes. This demonstration should be made for the city as a whole, while also describing the role of the proposed expansion area in addressing those needs.

2. Whether the area has been concept planned consistent with section 3.07.1110 of this chapter.

The Metro Council only wants to expand the UGB in locations that are likely to develop within the 20-year planning horizon. This is one of the reasons that the Council requires – in the [Urban Growth Management Functional Plan](#) – a concept plan before expanding the UGB. The concept plan must be consistent with Title 11 (Planning for New Urban Areas) of the Functional Plan. Cities should summarize their concept plan's relevant components – such as infrastructure funding strategies and agreements with the county and special districts – in their proposal narrative. Cities should also demonstrate that the concept plan is consistent with the requirements of Title 11.

The Metro Council will only consider proposals for expansions in designated urban reserves. A concept plan may include a larger urban reserve area than what a city is proposing for expansion. Cities should clearly indicate in their proposal which areas are being proposed for expansion.

Concept plans should be formally adopted or accepted by a city's governing body and a city should submit evidence of that formal action and the plan itself with its proposal. Cities should also submit a resolution from their governing body that expresses support for the proposed expansion. If desired, one resolution (or appropriate legislation) may be used for both purposes. Plans and proposals that lack formal endorsement by the city's governing body will not be considered by the Metro Council.

To demonstrate the likelihood of development in the proposed expansion area, cities may submit additional information such as market studies, evidence of the city's past track record in producing housing, and letters of support from or agreements with property owners in the proposed expansion area.

If a city has planning or governance responsibility for past UGB expansion areas, the Metro Council will want to know whether and how those areas have been annexed and developed. If past expansion areas have not been annexed or developed, the Metro Council will want a city to explain why that is and how the proposed expansion would be different.

Please note that Metro administers [2040 Planning and Development Grants](#) that can be used to fund concept plans for urban reserves.

3. Whether the city responsible for preparing the concept plan has demonstrated progress toward the actions described in section 3.07.620 of this chapter in its existing urban areas.

The Metro Council is committed to encouraging most growth in existing centers, corridors, main streets, and station communities. Development of UGB expansion areas should not be at the expense of existing urban areas. The Metro Council expects cities proposing residential expansions to make the case that they are making meaningful efforts to encourage the success of these existing urban areas.

Please refer to Title 6 (Centers, Corridors, Station Communities, and Main Streets) of the [Functional Plan](#) for specific actions that are encouraged. Generally, proposals from cities that have taken more of those actions and had positive results will be regarded more favorably. If cities have not taken these actions, they should explain the reasons why they have not.

If the proposed expansion would somehow reinforce an existing urban center or corridor, please describe how. If a city wishes to assert that the proposed expansion would reduce commute distances, the Metro Council will expect the city to provide evidence since people make complex decisions about where to live and work and this region, like other metropolitan areas, has a regional commute shed.

The region's [State of the Centers Atlas](#) is available as an online resource for describing current conditions in centers. Please also note that Metro administers [2040 Planning and Development Grants](#) that can be used to conduct work recommended under Title 6.

- 4. Whether the city responsible for preparing the concept plan has implemented best practices for preserving and increasing the supply and diversity of affordable housing in its existing urban areas.**

The Metro Council seeks to preserve and increase the supply and diversity of affordable housing. This includes both market rate and subsidized housing that is affordable to households with incomes equal to or less than 80 percent of the median family income for the county. Cities should describe the actions and investments they have taken to accomplish this in their existing urban areas. Please refer to the region's [Equitable Housing Initiative](#) for examples that could be cited. Cities should also describe the effectiveness of actions that they have taken. The [Regional Inventory of Regulated Affordable Housing](#) is available as a resource. Generally, proposals from cities that have taken more actions to improve or preserve affordability (and have achieved results) will be regarded more favorably.

Please note that Metro administers [2040 Planning and Development Grants](#) that can be used to conduct work to help ensure equitable housing. If a city has received an Equitable Housing Grant, please summarize the status of that work.

- 5. Whether the city responsible for preparing the concept plan has taken actions to advance Metro's six desired outcomes set forth in Chapter One of the Regional Framework Plan.**

The Metro Council seeks to make urban growth management decisions that advance the region's six desired outcome (described in the [Regional Framework Plan](#)).

- 1. People live, work and play in vibrant communities where their everyday needs are easily accessible.*

2. *Current and future residents benefit from the region's sustained economic competitiveness and prosperity.*
3. *People have safe and reliable transportation choices that enhance their quality of life.*
4. *The region is a leader in minimizing contributions to global warming.*
5. *Current and future generations enjoy clean air, clean water and healthy ecosystems.*
6. *The benefits and burdens of growth and change are distributed equitably.*

Cities should address each of the six desired outcomes, referencing the actions that they have taken (and results achieved) in existing urban areas as well as how the proposed expansion may advance these outcomes. For several of the outcomes (particularly outcomes one, two, three, four, and six), cities may wish to summarize relevant portions of their responses to code section 3.07.1425(d)3, which requires that a city describe actions it has taken to enhance its centers, corridors, main streets or station communities. If these design types are proposed in the expansion area, the city should describe relevant aspects of the concept plan.

For outcome number four, cities should also reference any other policies or investments that specifically aim to reduce housing and transportation related carbon emissions. Cities may wish to describe how the housing planned for the proposed expansion addresses residential demand that could otherwise spillover outside the Metro UGB (thereby enlarging the regional commute-shed). In particular, cities may wish to note how the type and cost of housing that is being proposed could reduce spillover growth. If a city wishes to assert that the proposed expansion would reduce commute distances, the Metro Council will expect the city to provide evidence.

For outcome number five, cities may note their compliance with Titles 3 (Water Quality and Flood Management) and Title 13 (Nature in Neighborhoods) of the Functional Plan. Cities may also document additional policies or strategies that go beyond regional requirements, including parks and natural area acquisition programs. Cities should also summarize the relevant portions of their concept plans for proposed expansion areas.

Outcome six is of central interest to the Metro Council. To help achieve this ambitious goal, in June 2016 Metro adopted the [Strategic Plan to Advance Racial Equity, Diversity and Inclusion](#). The strategic plan focuses on removing barriers and improving equity outcomes for people of color by improving how Metro works internally and with partners around the Portland region. While individual UGB expansions may have few direct impacts on region-wide racial equity, the cumulative impacts of how communities, cities, the region and the nation have grown have often adversely impacted people of color. Though the best course of action may not always be clear, Metro seeks to encourage a more intentional process for acknowledging and addressing these inequities in growth management decisions with the hopes that cities can help to develop best practices.

Cities making residential expansion proposals should describe whether any of the following social outcomes are worse for communities of color in their jurisdiction than their white counterparts: transportation, housing, jobs, and parks (for a more complete description of these outcomes, please reference the [2015 Equity Baseline Report](#)). Cities should also describe how they meaningfully engage diverse communities in their planning processes (not exclusively for the urban reserve concept plan), how the identified disproportionate outcomes and engagement practices influence plans and community outcomes and how they measure or track the

distribution of benefits and burdens of plans and policies across populations.

Cities submitting proposals for residential UGB expansions should include the following in their proposals (due on May 31, 2018 for consideration in the 2018 decision):

- A proposal narrative addressing the Title 14 code sections (3.07.1425 (d) 1-5) that are described in this guidance document (limit to 15 pages, not including the attachments listed below)
- An adopted resolution from the city's governing body in support of the expansion proposal
- A resolution or other formal action from the city's governing body adopting or accepting a concept plan for the proposed UGB expansion area
- The adopted or accepted concept plan for the urban reserve area
- Findings of fact and conclusions of law that demonstrate that the concept plan for the urban reserve complies with Title 11 (Planning for New Urban Areas) of the Urban Growth Management Functional Plan.
- A map of the proposed expansion area (if smaller than the area described in the concept plan)
- Agreements with the county and service districts for the concept plan area as required in Metro Code Title 11 (Planning for New Urban Areas)
- Written confirmation that the state has acknowledged the city's housing needs analysis
- Any other supporting materials that demonstrate the city's commitment to facilitating the development of needed housing or achieving regional desired outcomes