

Citywide Transportation Advisory Committee #1

February 28, 2018



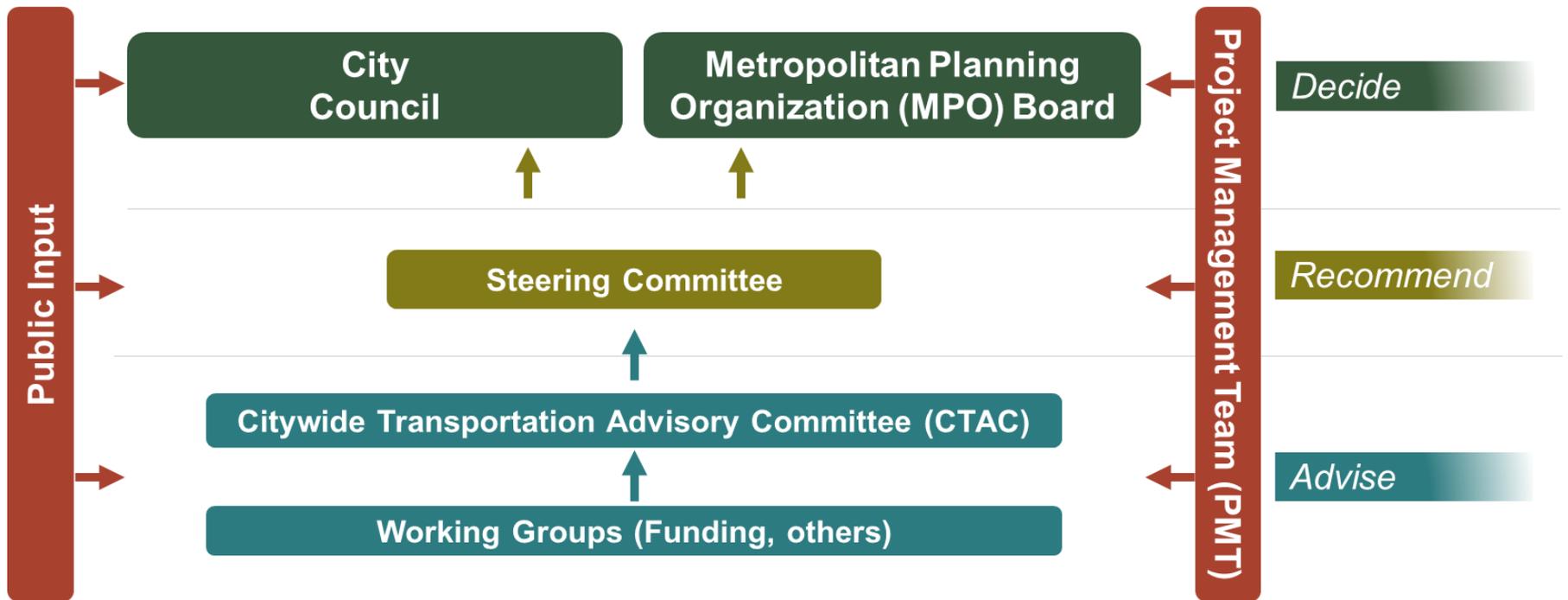
Meeting Highlights

- Who is around the table?
- How are we going to work together?
- What is a transportation system plan and why do we need it?
- What is our vision for the transportation system?

Self introductions

- With your neighbor:
 - Brainstorm BEST OUTCOMES of process
 - Write on sticky notes
- Introduce your neighbor to the group:
 - Name
 - One of their best outcomes
- Hand all stickies to staff

Who is involved



Charge from Council

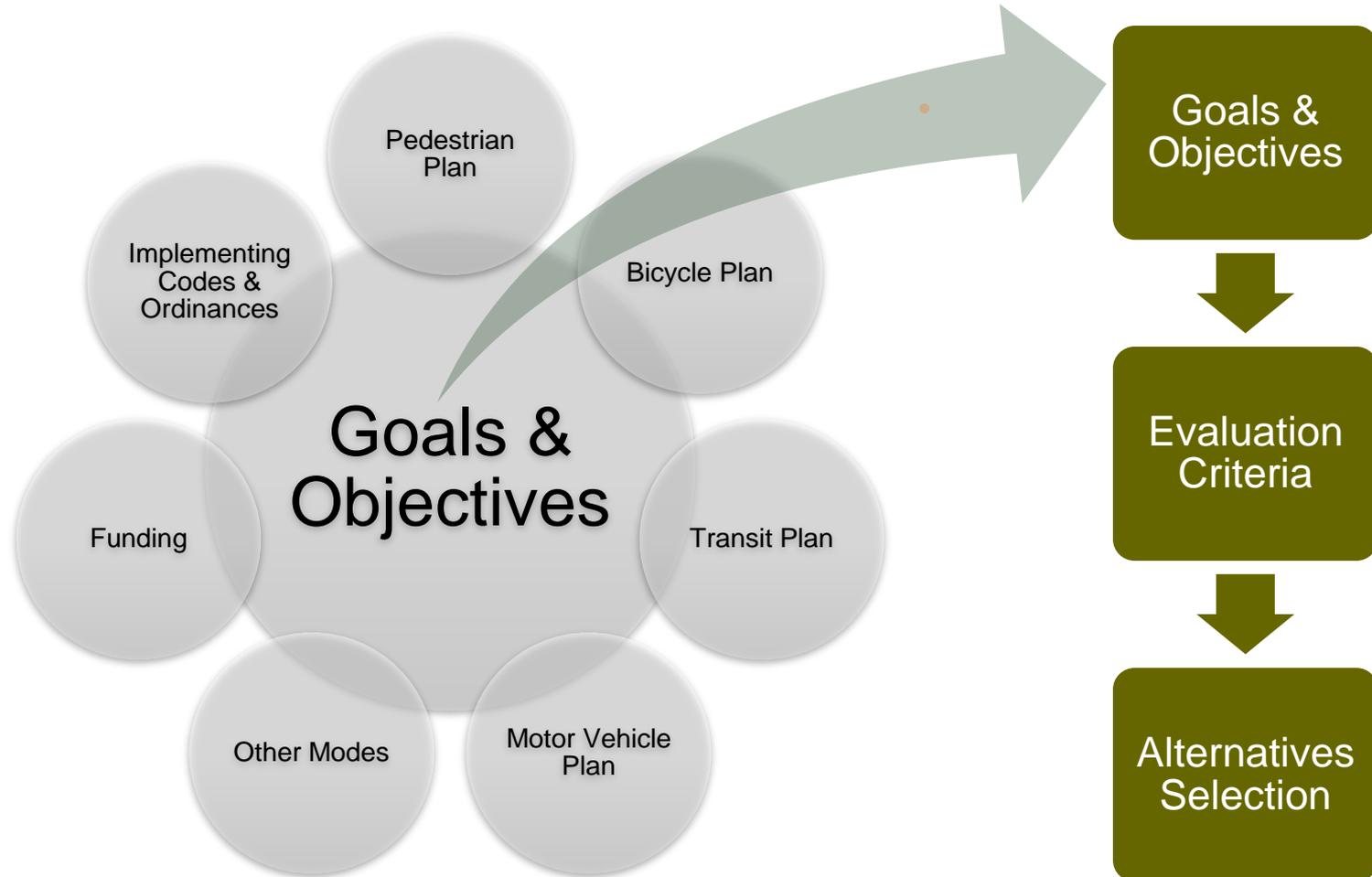
- The Bend City Council has directed that the Citywide Transportation Advisory Committee (CTAC) be the foundation of a public process that seeks a high level of community engagement around transportation priorities and funding alternatives.
- CTAC will provide recommendations on:
 - Transportation vision and policies
 - Funding alternatives
 - City-wide transportation framework
 - Project prioritization
 - Performance measures

What is a Transportation System Plan (TSP)?

- An investment and management plan for Bend:
 - What improvements are needed to manage growth to 2040?
 - Which projects/programs best reflect City Goals?
 - How can we balance the needs of all travel modes into an equitable, efficient, and affordable transportation system?

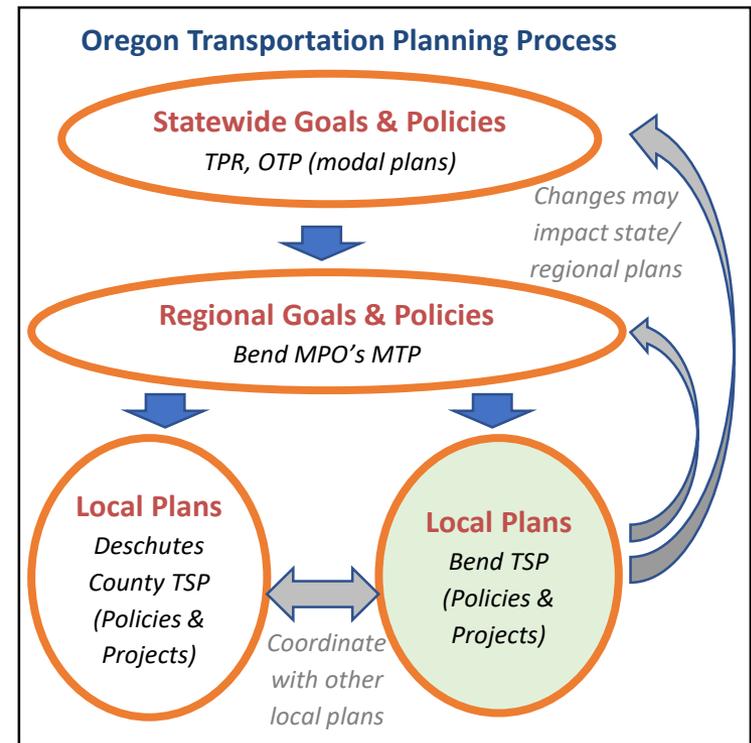


What are the key components of a TSP?



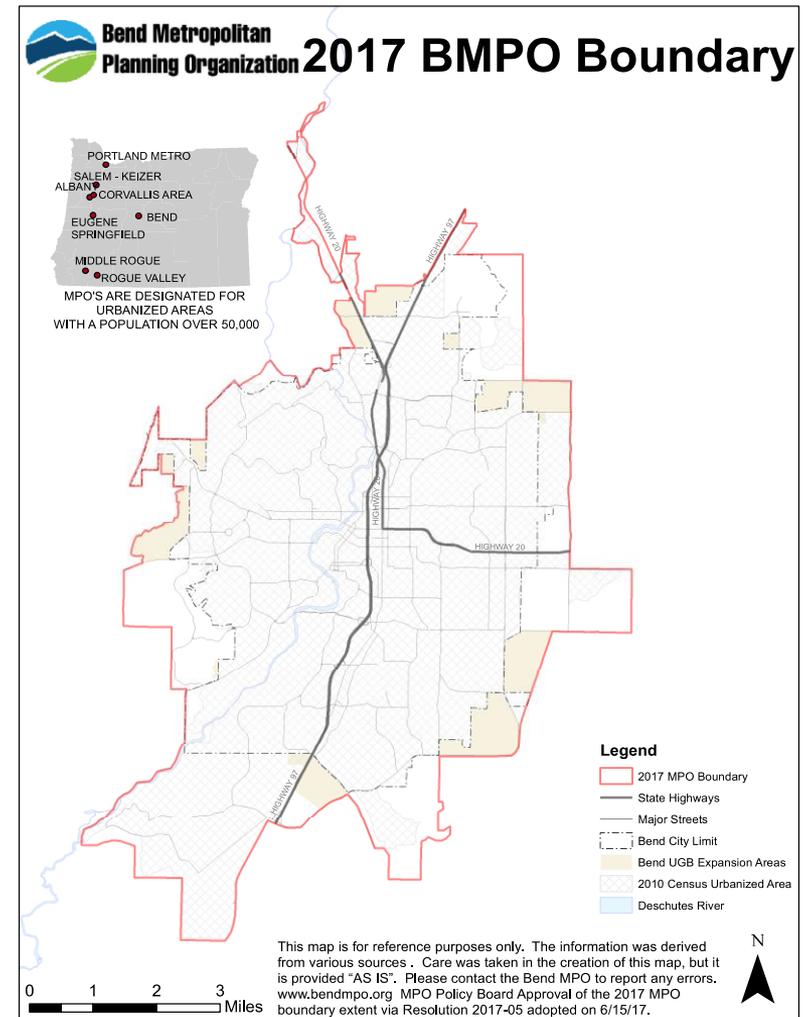
Regulatory Framework – the “Must Dos” of a TSP

- Address Transportation Planning Rule (TPR) OAR 660-012-0015
- Provide public transportation services to meet basic needs
- Establish an efficient network of arterials and collectors
- Provide City facility standards (layout, spacing, and connectivity)
- Protect facilities and corridors for intended uses
- Develop a Finance Program that is reasonably likely
- Comply with Regional Plans
- Create implementing code and ordinances



What is the Bend MPO Metropolitan Transportation Plan (MTP)?

- Similar to the Bend TSP with different focus:
 - Regionally significant facilities
 - Regional policies
 - Prioritized improvement programs for multiple jurisdictions
 - System performance measures
- Includes areas outside of the Bend UGB
 - Tumalo
 - Deschutes River Woods



Federal Requirements and MAP-21

- Focus on Performance Measures, Targets, and System Reporting for:
 - Safety
 - Infrastructure Condition
 - Congestion Reduction
 - System Reliability
 - Freight Movement and Economic Vitality
 - Environmental Sustainability
 - Reduced Project Delivery Delays

How can a good TSP/MTP add value to Bend?

- Optimize limited resources
- Align investment decisions with community vision and values
- Support a variety of travel choices
- Serve all people in community
- Promote safe and secure travel
- Support local and state economy
- Minimize impacts to natural and built environment
- Manage rapid growth while preparing for the future mobility/technology change

Typical TSP Funding Story



Unfunded
“needs”

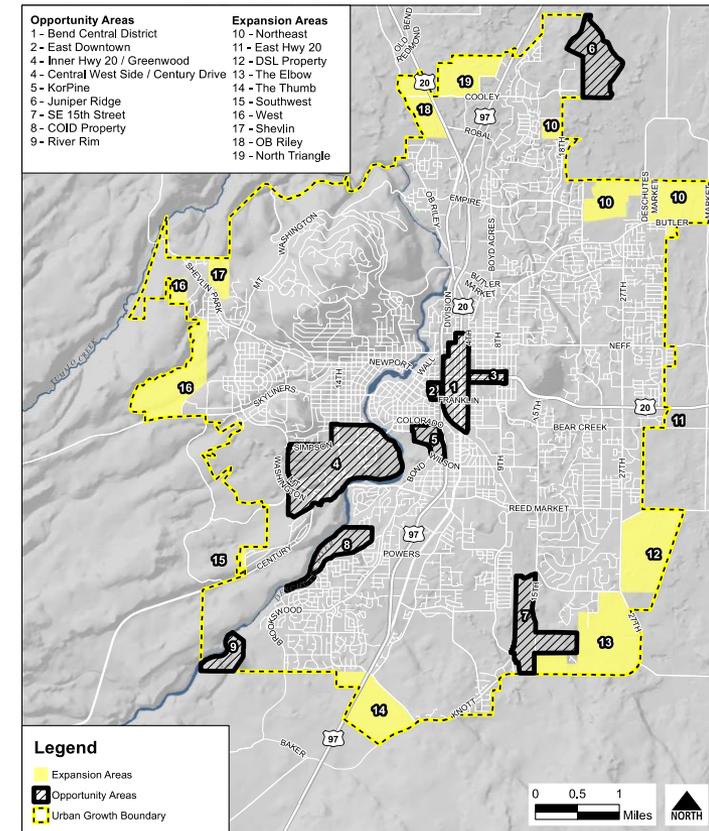


Funded
“plan”

How does the TSP/MTP update relate to the Urban Growth Boundary Plan?

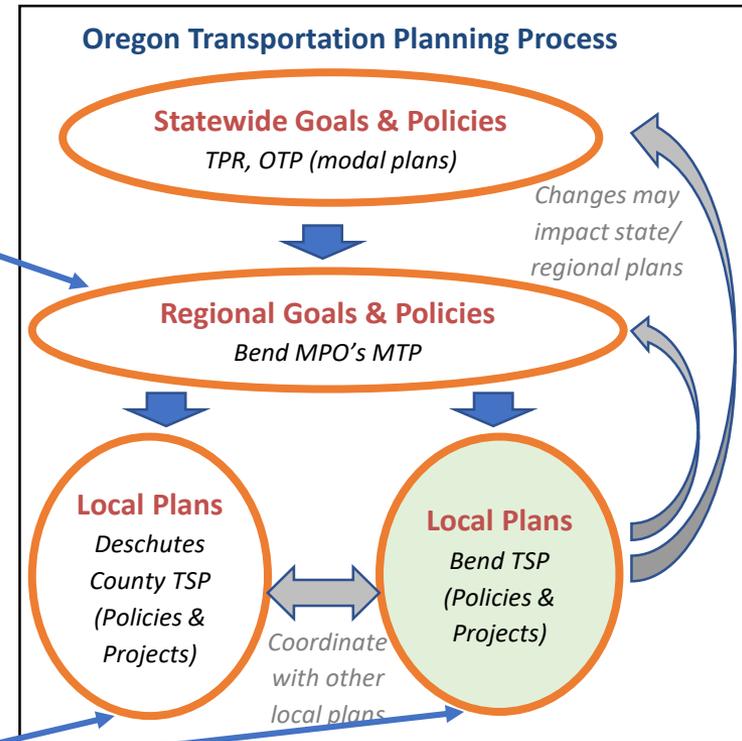
- UGB Project Outcomes:
 - Land use plan / strategies
 - Urban boundary for 2028
 - Transportation investments to serve the additional growth (connectivity and mitigations for expansion)
 - Integrated Land Use/Transportation Strategies to comply with State regulations (VMT per capita)
- Next Steps for the 2040 TSP:
 - Understand 20-year needs (2040)
 - Decisions on overall regional network investments (costs vs. performance)
 - Neighborhood-level planning (livability)

Bend UGB
2016



How do the TSP/MTP updates relate to concurrent planning studies?

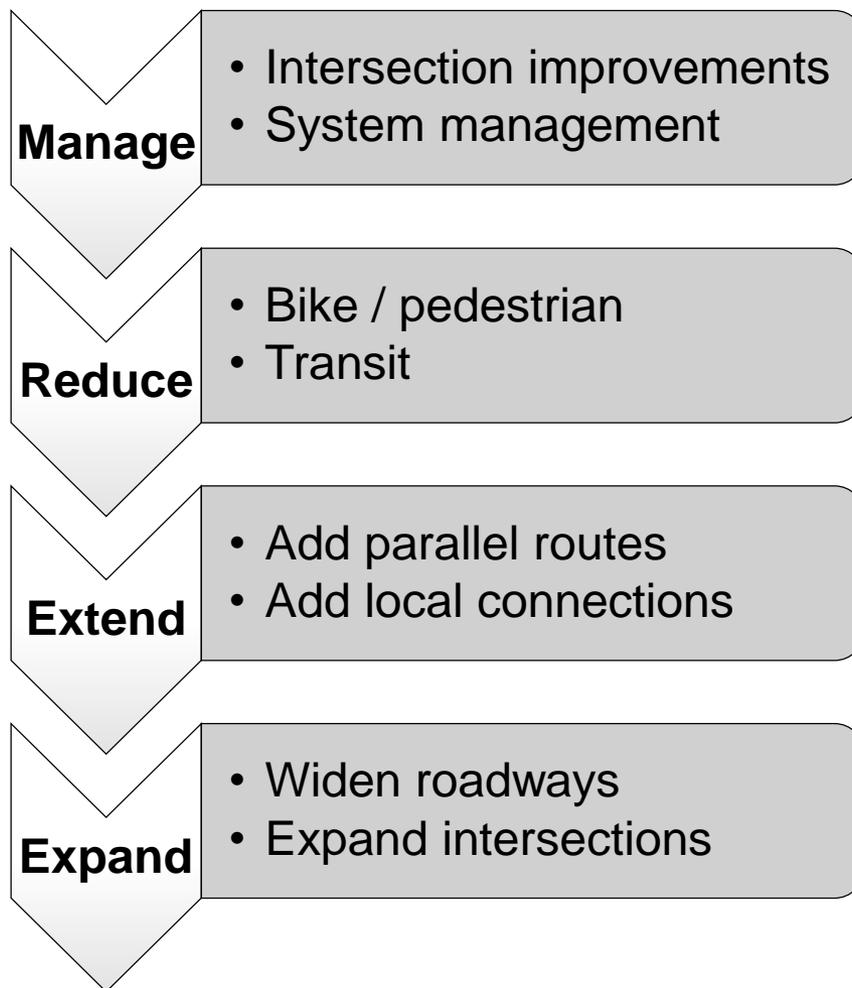
- Regional Planning
 - Bend MPO MTP
 - Regional Framework
 - System Performance Measures
 - Desch. Co. ITS Plan
 - Operations and Technology Plan
 - US 97 Parkway Study
 - Regional Facility Mgmt. Plan
 - Regional Transit Study
 - Regional Transit Options Planning
- Local Projects
 - Capital Improvement Projects with detailed evaluation and design



How are solutions developed?

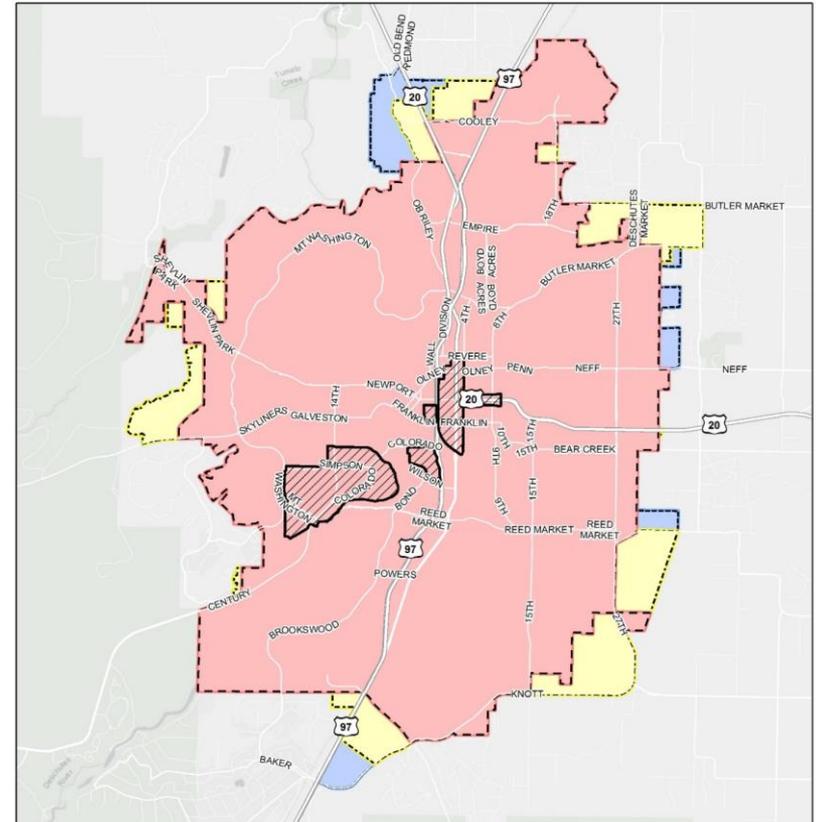
■ Required Process

- Manage congested locations
- Reduce driving demand at congested locations
- Extend streets
- Expand existing streets or intersections



How does land use affect the plans?

- Forecasting Travel Demand
 - Model inputs:
 - Household type and location
 - Employment type and location
 - Network capacity and accessibility
 - Model outputs:
 - Amount of trips
 - Where trips are going
 - Which mode people will use
- Defining area “character” guides facility design choices



Disclaimer: Areas shown with land use assumptions outside the urban growth boundary adopted in 2016 are for analysis purposes only, and do not imply a guarantee or pre-determination of where or when future UGB expansions will take place.

- Core Mixed-Use Opportunity Areas
- Pre-2016 UGB
- UGB expansion areas adopted in 2016
- Areas outside the 2016 UGB included in 2040 land use analysis area

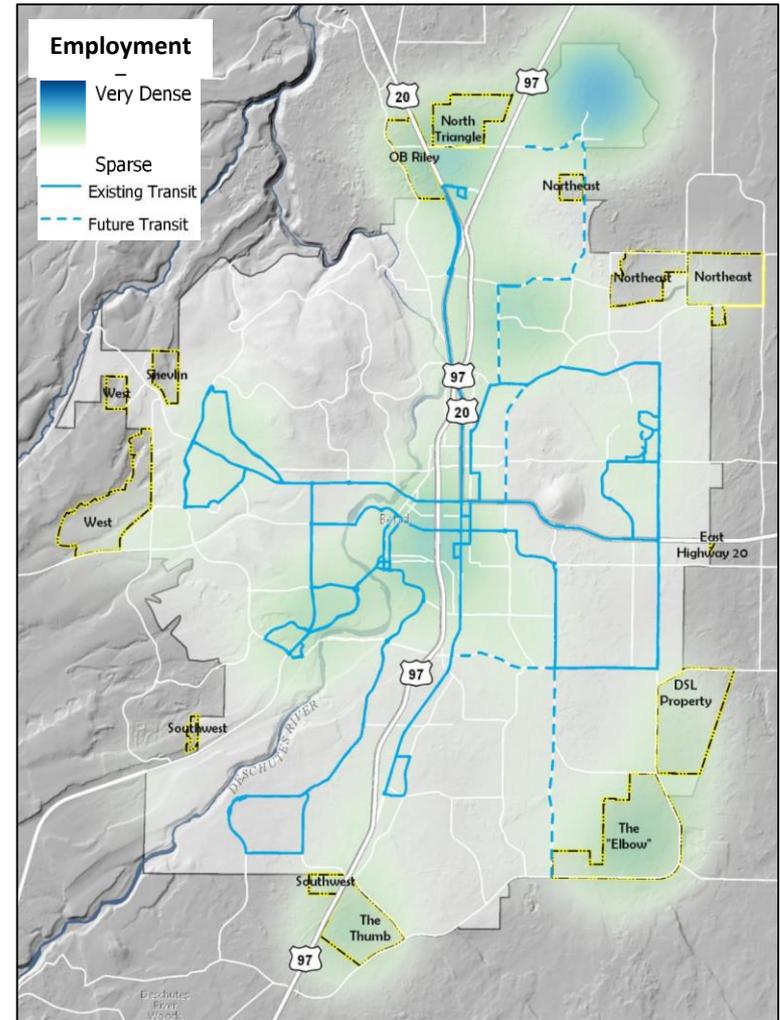
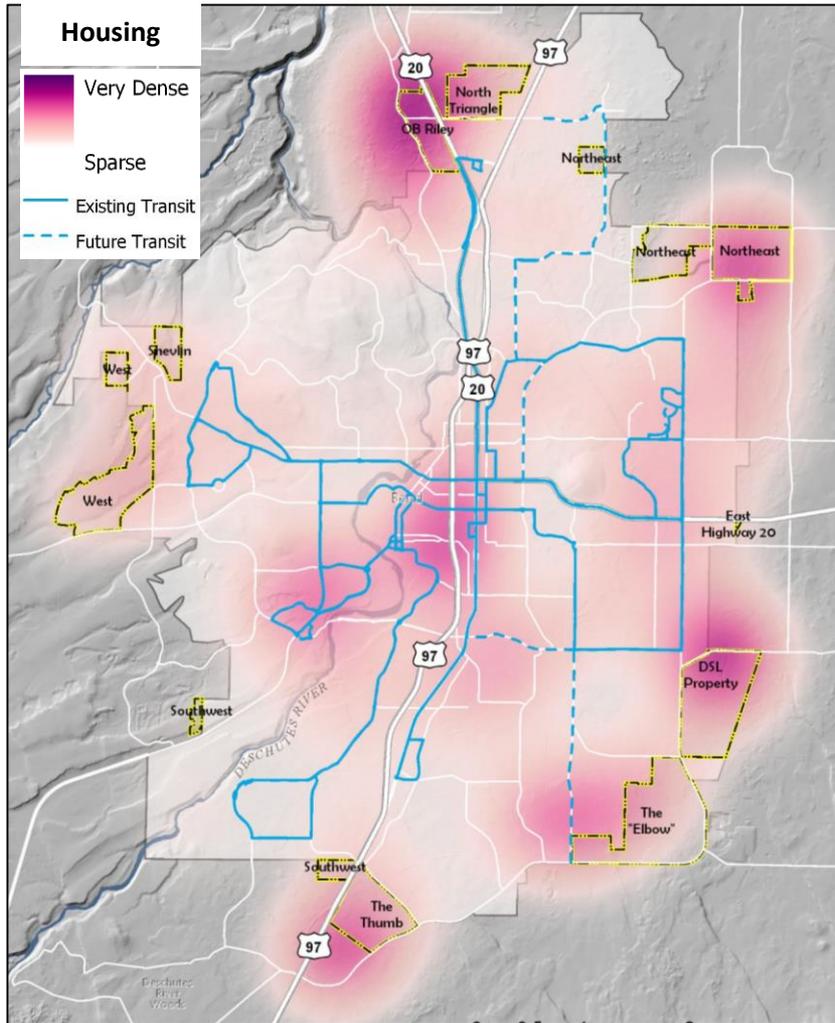


Last Updated: 2/12/2018

How much growth is forecasted?

Type of Area	New Housing	New Employment
Core mixed-use “opportunity areas” (including OSU Cascades)	3,434 (12%)	3,372 (12%)
Other lane inside the “pre-2016” UGB	13,552 (48%)	16,779 (60%)
Areas that were added to the UGB in 2016	5,869 (21%)	7,312 (26%)
Areas outside the adopted UGB	5,190 (19%)	280 (1%)
Total	28,045 (100%)	27,743 (100%)

Where is the growth expected?



What about the shared mobility / technology transportation revolution?

- Identify relevant solutions for Bend – “Open for Business” with private partners?
- Prioritize projects that are needed regardless of technology
- Identify strategies and policies that support technology
- Monitor and adapt – plan for updates in 5 year increments
- Prioritize projects that prepare us for technological changes



Public Involvement Overview

Step 1

Define Citywide Needs

- CTAC Meeting 1
- CTAC Meeting 2
- Citywide event (online and in person)
- CTAC Meeting 3
- CTAC Meeting 4

Step 2

Define Neighborhood Needs

- Neighborhood Workshop
- Citywide event (online)
- CTAC Meeting

Step 3

Identify Priorities and Draft Plan

- CTAC Meeting 1
- CTAC Meeting 2
- CTAC Meeting 3
- CTAC Meeting 4
- Citywide event (online and in person)

Step 4

Adopt Plan

- CTAC Meeting
- Planning Commission, Council, MPO
Policy Board Hearings

Preliminary CTAC meeting topics

1. Protocols; goals and vision
2. Confirm goals and vision; funding overview*
3. Citywide scenarios and evaluation measures
4. Confirm citywide scenarios*
5. Neighborhood recommendations
6. Complete transportation system*
7. Draft near and long-term packages
8. Final near and long-term packages*
9. Draft plan
10. Final plan*

* Denotes milestone recommendation to Steering Committee

Transportation Vision and Goals

- Vision

- What do we want Bend to be?
- How does our transportation system support it?

- Goals

- Overarching, broad principals
- Big picture items
- Plan will have a few
- Example: “The City will create and maintain a safe, equitable, financially responsible, environmentally sound transportation system that always has rainbows over the roundabouts.”
- Will be supported policies and action items:
 - Policies govern the operationalization of those goals. Describe a program, plan or project that we are required or plan to do.
 - Action items are measurable and can be used as benchmarks toward progress. How we will get it done.

Vision and Goals

City of Bend Vision Examples

And a few others

City Council Goal 2:

Move People and products around bend efficiently, safely and reliably.

City Council Guidelines to CTAC

- Short-term Transportation CIP
- TSP and MPO Plan Updates
Transportation Advisory
Committee
- Transportation System
Development Charge (SDC)
Update
- Central Westside Plan Phase 2



The background of the slide features a scenic view of a calm lake on the left, with a paved path made of rectangular stones curving along the right side. The sky is clear and blue, and some trees are visible in the upper right corner. The overall atmosphere is peaceful and natural.

Vision: Bend 2030 Action Plan (2008)

A Well Planned City: Key Vision Elements

*Road
Connectivity*

*Balanced
Transportation*

*Funding for
Infrastructure
and Service*

*Coordinated
Regional
Planning*

*Bicycle and
Walking Routes*

Vision: Urban Growth Boundary Project Goals

A Quality
Natural
Environment

Balanced
Transportation
System

Great
Neighborhoods

Strong Active
Downtown

Strong Diverse
Economy

Connections to
Recreation &
Nature

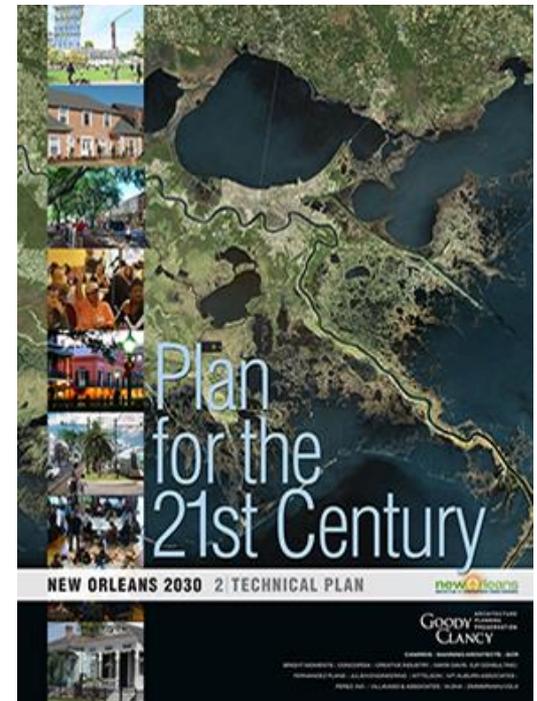
Housing
Options &
Affordability

Cost Effective
Infrastructure

Vision Example

Resilient New Orleans: Guiding Principles (2015)

- Adapt to Thrive
 - We are a City that embraces our changing environment
- Connect to Opportunity
 - We are an equitable City
- Transform City Systems
 - We are a dynamic and prepared city



Vision Example

Revitalize Downtown Beaverton (2013)

- Growing the economy with jobs, housing, and transit
- Making the way for biking and walking
- Improving traffic operations
- Transforming Canyon Road
- Connecting people with nature



City Transportation System Plan Goals Summary

Accessibility &
Equity

Mobility &
Balance

Livability

Efficiency

Environmental

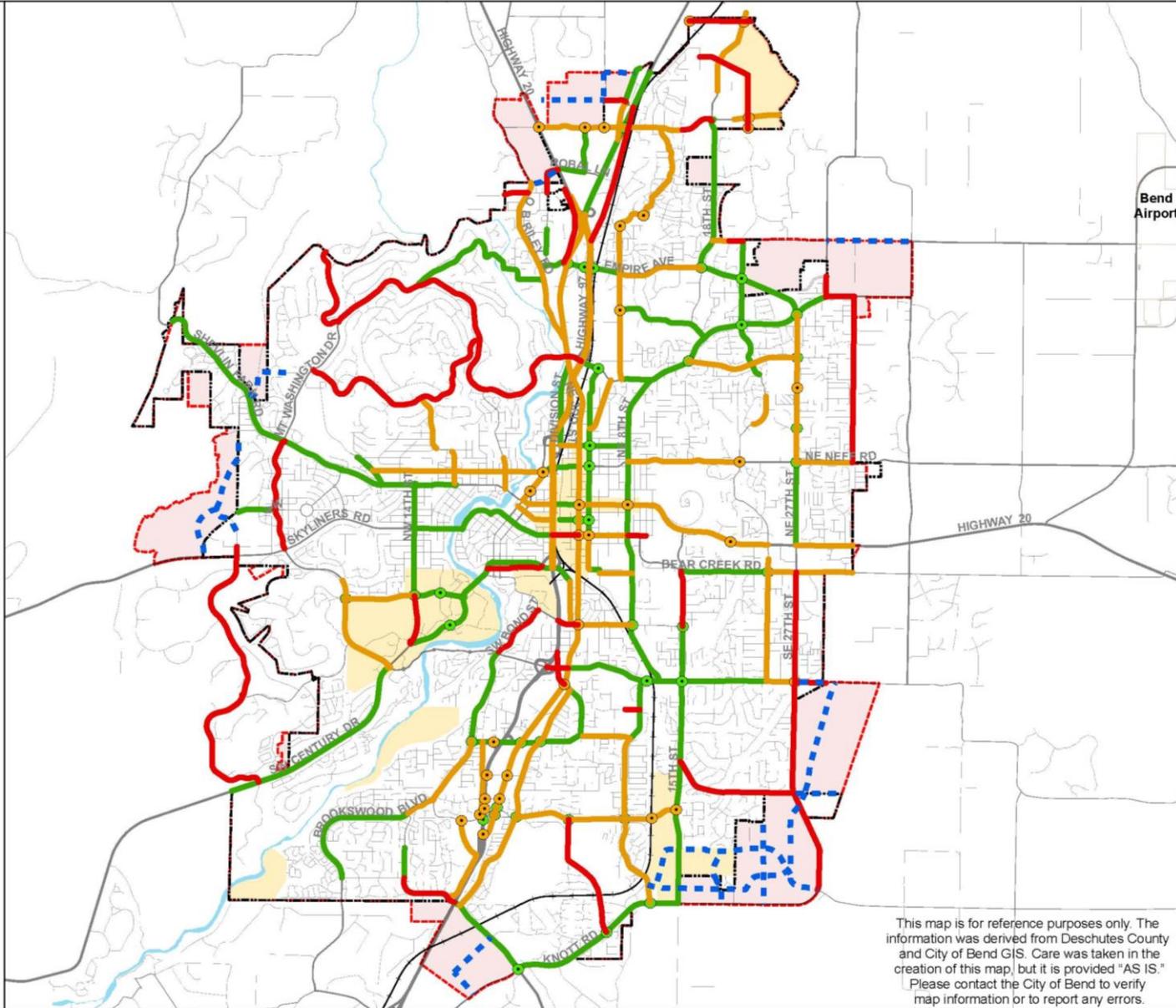
Safety



UGB Updated Transportation Road System

Infrastructure Projects: Transportation

- UGB new collector streets
- TSP roadway projects: 21+ years
- TSP roadway projects: 11-20 years
- TSP intersections: 11 - 20 years
- TSP roadway projects: 0-10 years
- TSP intersections: 0 - 10 years
- Bend City Limit
- Opportunity Areas
- UGB Expansion Areas



CITY OF BEND

Date: 2/7/2017



0 0.5 1 2 Miles

This map is for reference purposes only. The information was derived from Deschutes County and City of Bend GIS. Care was taken in the creation of this map, but it is provided "AS IS." Please contact the City of Bend to verify map information or to report any errors.

Breakout: Vision and Goals

- If you come back to Bend in 20 years and the TSP is implemented and you like what you see, what is it that you see?
- Groups:

#1

Mike Riley

Katy Brooks

Nicole Mardel

Dean Wise

Hardy Hanson

Sharlene Wills

#2

Ruth Williamson

Gavin Leslie

Mel Siegel

Suzanne Johannsen

Peter Werner

Garrett Chrostek

#3

Karna Gustafson

Lou Capozzi

Katie McClure

Ariel Mendez

Casey Davis

#4

Steve Hultberg

Chad Sage

Iman Simmons

Keith Wooden

Sid Snyder

Sally Jacobson