



BEND MPO
Metropolitan Planning Organization

Technical Advisory Committee Meeting

September 4, 2024

Call to Order & Introductions

Tyler Deke

Call to Order & Introductions

TAC Members

- Quinn Keever, Bend Park and Recreation District (BPRD)
- Sharon Smith, Bend La Pine Schools (BLS)
- Susanna Julber, City of Bend
- Eric Lint, Cascade East Transit (CET)
- Greg Bryant, Citizen Representative
- James Dorofi, Citizen Representative
- Josh Clawson, Central Oregon Community College (COCC)
- Brian Potwin, Commute Options
- Tarik Rawlings, Deschutes County
- Dave Thomson, Deschutes County BPAC
- Ken Shonkwiler, ODOT Region 4
- Casey Bergh, OSU Cascades
- Angie Brewer, Department of Land Conservation & Development (DLCD)*
- Jasmine Harris, Federal Highway Administration (FHWA)*
- Danielle Casey, Federal Transit Administration (FTA)*

BMPO Staff

- Tyler Deke, Manager*
- Andrea Napoli, Senior Planner
- Kelli Kennedy, Program Coordinator

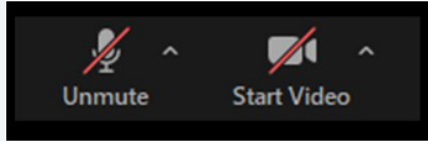
Members of the public, visitors, and presenters will be asked to introduce with name and entity.

Hybrid Meeting Guidelines

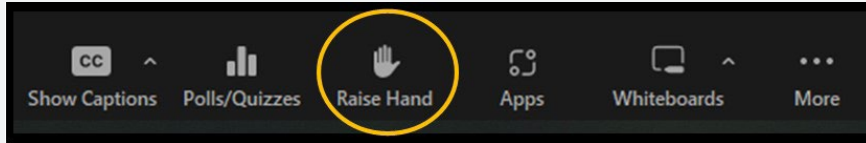
Tyler Deke

Hybrid Meeting Guidelines

- You will be on **mute**, and your **video** will be off when you first join the meeting.



- Please click the **raise hand** icon to speak next.



- If you join the webinar by phone, dial ***9** to raise or lower your hand.
- This meeting will be recorded and is available as a live streaming event on YouTube. The YouTube event can be reviewed on the City of Bend YouTube channel.

Public Comment

Tyler Deke

Public Comment

- Time for members of the public to provide comment.
- Additional time for public comment will be provided before the meeting adjourns.

Meeting Summary

Tyler Deke

Meeting Summary

- Review and approve July 19, 2024, draft meeting summary (Attachment A).
- Recommended language for motion: *I move approval of the July 19, 2024, Technical Advisory Committee draft meeting summary as presented.*

Draft MTP Overview

Andrea Napoli, BMPO

Tyler Deke, BMPO

BEND MTP 2045 – TAC PRESENTATION

AARON BERGER

PROJECT MANAGER

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TRANSPORTATION EXPERIENCE™
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DRAFT MTP AGENDA ITEMS

1 / MTP PROCESS OVERVIEW

- Review of objectives
- Where are we in the MTP Process?
- What has is new/changed since we last met?

2 / DRAFT MTP DOCUMENT

- Chapter 1 – Introduction
- Chapter 2 – Goals and Policies
- Chapter 3 – Existing Conditions
- Chapter 4 – System Needs
- Chapter 5 – Transportation Projects and System Performance
- Chapter 6 – Funding Plan
- Chapter 7 – Performance Measures

3 / NEXT STEPS

1

MTP PROCESS OVERVIEW

MTP PROCESS OVERVIEW – REVIEW PROJECT OBJECTIVES

- Build upon completed local planning efforts (“Bottom-Up Approach”)
- Continued transparency to the community
- Extend Plan Horizon to 2045
- Update funding forecasts and project costs
- Prioritize projects
- Meet Federal Adoption Deadline in Fall of 2024

WHERE ARE WE NOW?

	2023				2024								
Task	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.
Review of Existing Chapters													
TAC and Policy Board Engagement	TAC & Board		TAC		TAC & Board			TAC		TAC & Board		Board	Board
Update Elements of the MTP													
Develop MTP Project Lists and Financial Plan													
Finalization of MTP													
Key Deliverables		Final Land Use	Existing and Future Needs		Preliminary MTP Scenario			Refined Scenario		Draft Constrained Plan	Final Constrained Plan	Draft Plan	Adopted Plan

WHERE ARE WE NOW?

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WHAT IS NEW?

- Draft MTP Document, separated into seven chapters
- Main MTP document is much shorter than prior plans
- Updated environmental considerations maps and supporting materials
- Content in Funding Plan and supporting funding memorandum (included as Appendix G)



DRAFT MTP CHAPTERS

CHAPTER 1 – INTRODUCTION & CHAPTER 2 – GOALS & POLICIES

- Chapter 1:
 - > Short descriptions of Bend MPO area and Bend MPO functions
 - > What an MTP is/includes, and layout of chapters
 - > Description of MTP decision-making (Policy Board, TAC) and public engagement

- Chapter 2:
 - > First element of MTP update, approved by Board in June 2023
 - > Seven goals related to:
 1. Connectivity
 2. Safety
 3. Facilitating growth
 4. Equity & access
 5. Environmental concerns
 6. Agency coordination & innovation
 7. Implementation of a comprehensive plan

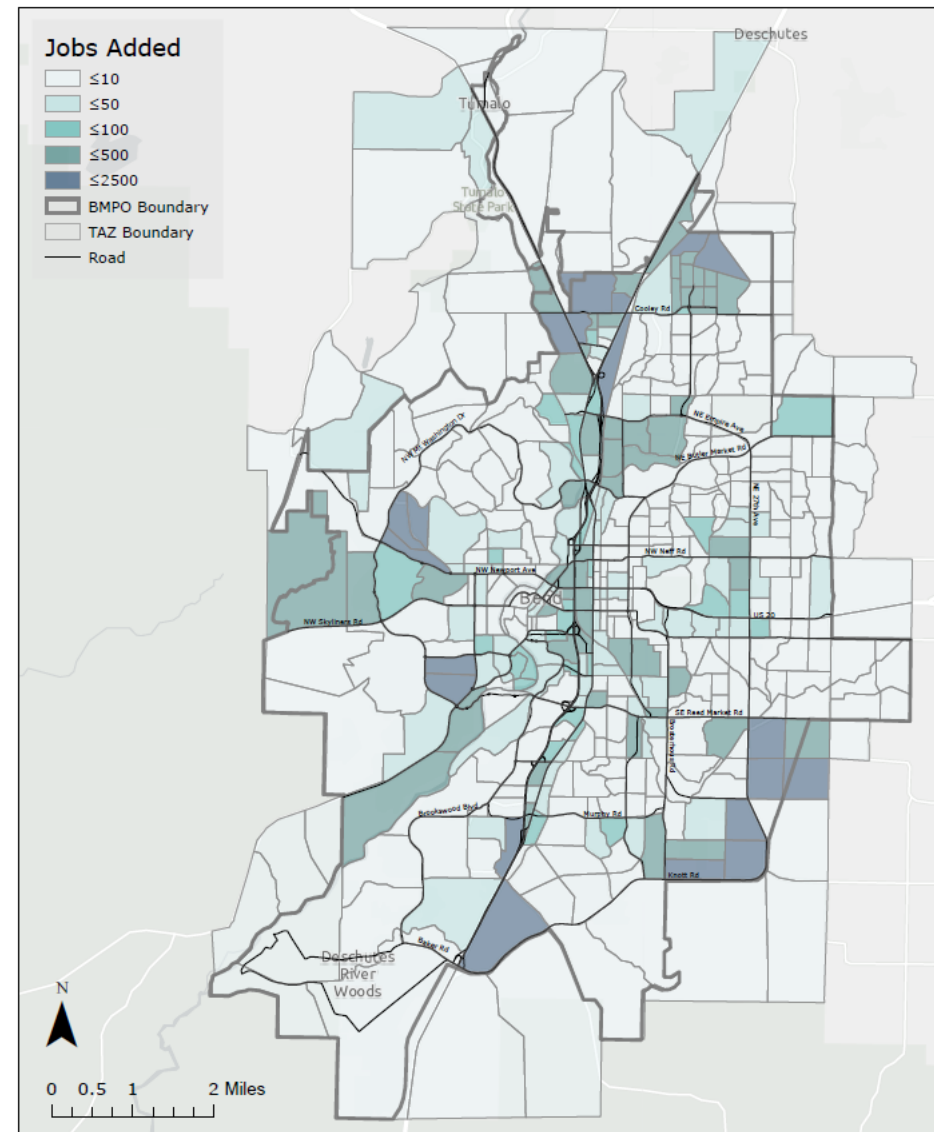
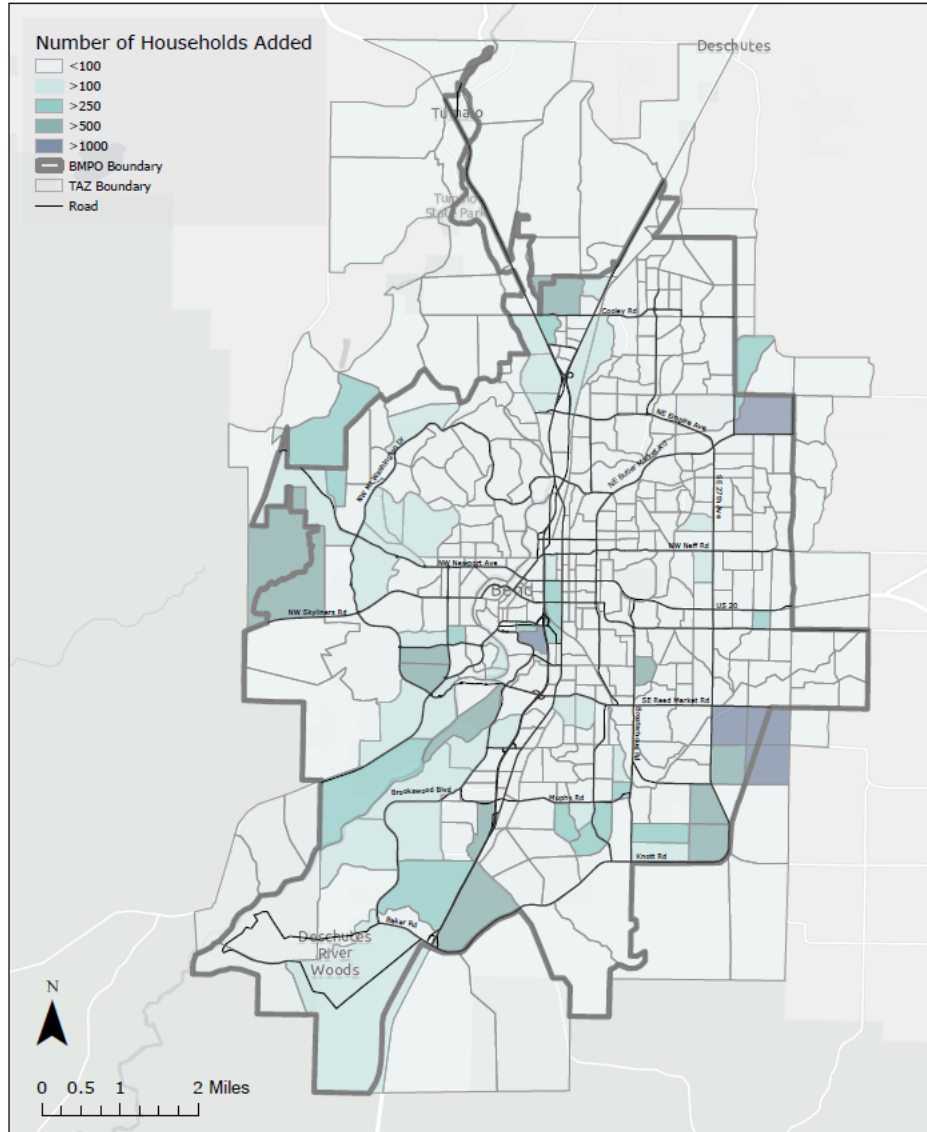
CHAPTER 3 – EXISTING CONDITIONS

- Descriptions and maps for the MPO area, including:
 - > Bike and pedestrian facilities
 - > Public transportation services
 - > Roadway network – functional classification, National Highway System, freight routes
 - > Safety planning efforts
 - > Emergency planning efforts
 - > Transportation systems management efforts
 - > Environmental considerations (Appendix B)

CHAPTER 4 – SYSTEM NEEDS

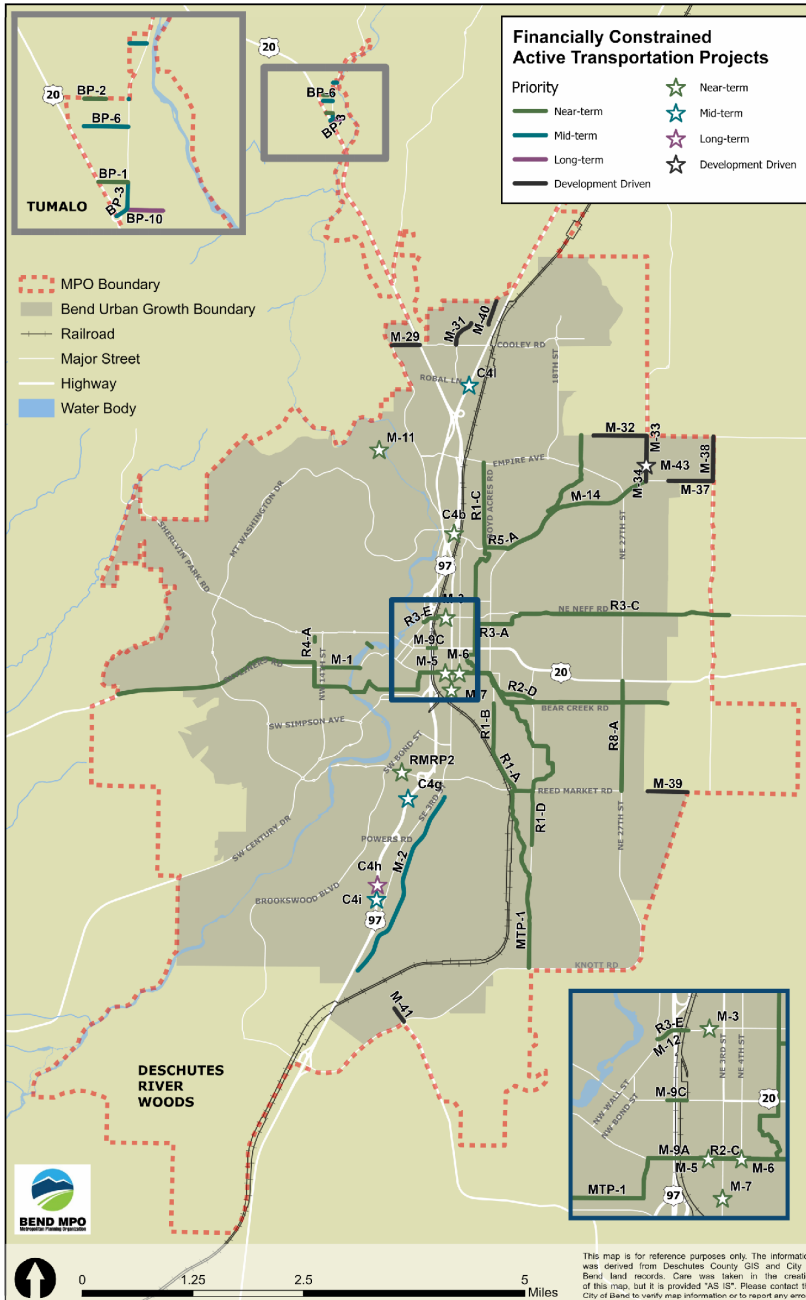
- Overview of land use growth patterns (including growth maps)
- Summarizes outcomes from existing and future transportation system needs evaluation
- References the findings from the Existing and Future Needs Memorandum (Appendix C)

2019-2045 LAND USE GROWTH



CHAPTER 5 – TRANSPORTATION PROJECTS AND SYSTEM EVALUATION

- Provides overview of the transportation project list development and prioritization process
- Presents the MTP project list with updated project cost estimates, broken down into:
 - > Committed
 - > Financially Constrained (includes Near, Mid, and Long-Term prioritization)
 - > Aspirational
- Highlights funding gap of \$770 million between MTP Project List and projected available funding
- Summarizes performance measures from the MTP transportation project list system level evaluation
- Builds off the outcomes of project list technical memoranda (Preliminary, Refined, and Financially Constrained & Prioritized), which are included as Appendices D, E, and F



Near-Term Projects

Map ID	Project Description	Cost Estimate
3	Chase Road rural upgrade - from Purcell to Matthew Street	\$388,000
13	Bear Creek Road Rural upgrade - Dantili Road to UGB Boundary	\$1,666,000
14-35	Bike and pedestrian sidewalk and/or bike lane infill projects - Near Term	\$643,000
BP-1	7th Street (Tumalo) Sidewalks	\$325,000
BP-2	4th Street (Tumalo) Sidewalks	\$325,000
C4b	Active transportation crossing improvements: Butler Market Road	\$232,000
C4i	Active transportation crossing improvements: Robal Road	\$1,162,000
M-1	Galveston Avenue corridor improvements	\$4,712,000
M-10	Improve Drake Park pedestrian bridge across the Deschutes River	\$1,482,000
M-11	Archie Briggs Road trail crossing improvement design	\$581,000
M-12	Olney Avenue protected bicycle lanes and Parkway undercrossing	\$2,116,000
M-14	Butler Market Road Sidewalk Improvements	\$3,745,000
M-17	Olney Avenue Railroad Crossing Improvements	\$604,000
M-3	Olney Avenue/2nd Street intersection improvement	\$244,000
M-5	Franklin Avenue/2nd Street intersection improvement	\$244,000
M-6	Franklin Avenue/4th Street intersection improvement	\$244,000
M-7	Clay Avenue/3rd Street intersection improvement	\$244,000
M-9a	Midtown Bicycle & Pedestrian Crossings: Franklin Avenue Underpass Shared Use Path	\$6,974,000
M-9c	Midtown Bicycle & Pedestrian Crossings: Greenwood Undercrossing Sidewalk Widening Shared Use Path	\$3,055,000
MTP-1	Bicycle Greenways Project	\$2,343,000
MTP-2	Neighborhood Street Safety Program	\$8,000,000
C-8	Portland Avenue Corridor Improvements (interim)	\$3,500,000
R1-A	SE 9th St: Wilson Ave to Reed Market Rd	\$1,343,000
R1-B	SE 9th St: Wilson Ave to Glenwood Ave	\$3,000
R1-C	NE Boyd Acres Rd: Butler Market Rd to Empire Ave	\$2,190,000
R1-D	SE 15th Street: Reed Mkt Rd to 300' south of King Hezekiah	\$1,378,000
R2-A	NW Franklin Ave: Harriman Ave to RR undercrossing	\$205,000
R2-C	Franklin Ave: 1st St to 5th St	\$191,000
R2-D	Bear Creek SRTS: Larkspur Trail to Coyner Trail	\$448,000
R3-A	Norton Ave: NE 6th St to NE 12th St	\$228,000
R3-B	Hillside Trail: Connects NE 12th to Neff Rd	\$280,000
R3-C	Neff Rd: NE 12th to Big Sky Park	\$4,224,000
R3-E	Olney Avenue: Wall Street to railroad	\$489,000
R4-A	NW 15th St: Lexington Ave to Milwaukie Ave	\$128,000
R4-B	NW 14th St: Ogden Ave to Portland Ave	\$128,000
R5-A	Butler Market Rd: Brinson Blvd to NE 6th St	\$2,281,000
RB-A	27th St: Hwy 20 to Reed Mkt Rd - Shared use path	\$5,597,000
RMRP2	Reed Market Road/ Chamberlain Street Ped improvements	\$250,000

Mid-Term Projects

Map ID	Project Description	Cost Estimate
14-35	Bike and pedestrian sidewalk and/or bike lane infill projects - Mid Term	\$27,257,000
BP-3	2nd/Cook Sidewalks (SRTS-Tumalo)	\$1,841,000
BP-6	5th Street (Tumalo) Sidewalks	\$541,000
C4g	Active transportation crossing improvements: Canal/Garfield undercrossing	\$1,453,000
C4i	Active transportation crossing improvements: Murphy Road	\$8,718,000
M-2	Parrell Road Urban Upgrade from China Hat Road to Brosterhous Road	\$33,828,000

Long-Term Projects

Map ID	Project Description	Cost Estimate
1	Brosterhous Road Rural upgrade - from 3rd St to American Lane	\$7,261,000
2	Pettigrew Road rural upgrade - from Bear Creek Rd to Reed Market Rd	\$7,737,000
14-35	Bike and pedestrian sidewalk and/or bike lane infill projects - Long Term	\$21,196,000
BP-10	8th Street (Tumalo) Sidewalks	\$433,000
C4h	Active transportation crossing improvements: Badger/Pinebrook Overcrossing	\$8,718,000
C4p	Active transportation crossing improvements: Wilson Avenue	\$1,000,000

Development Driven Projects

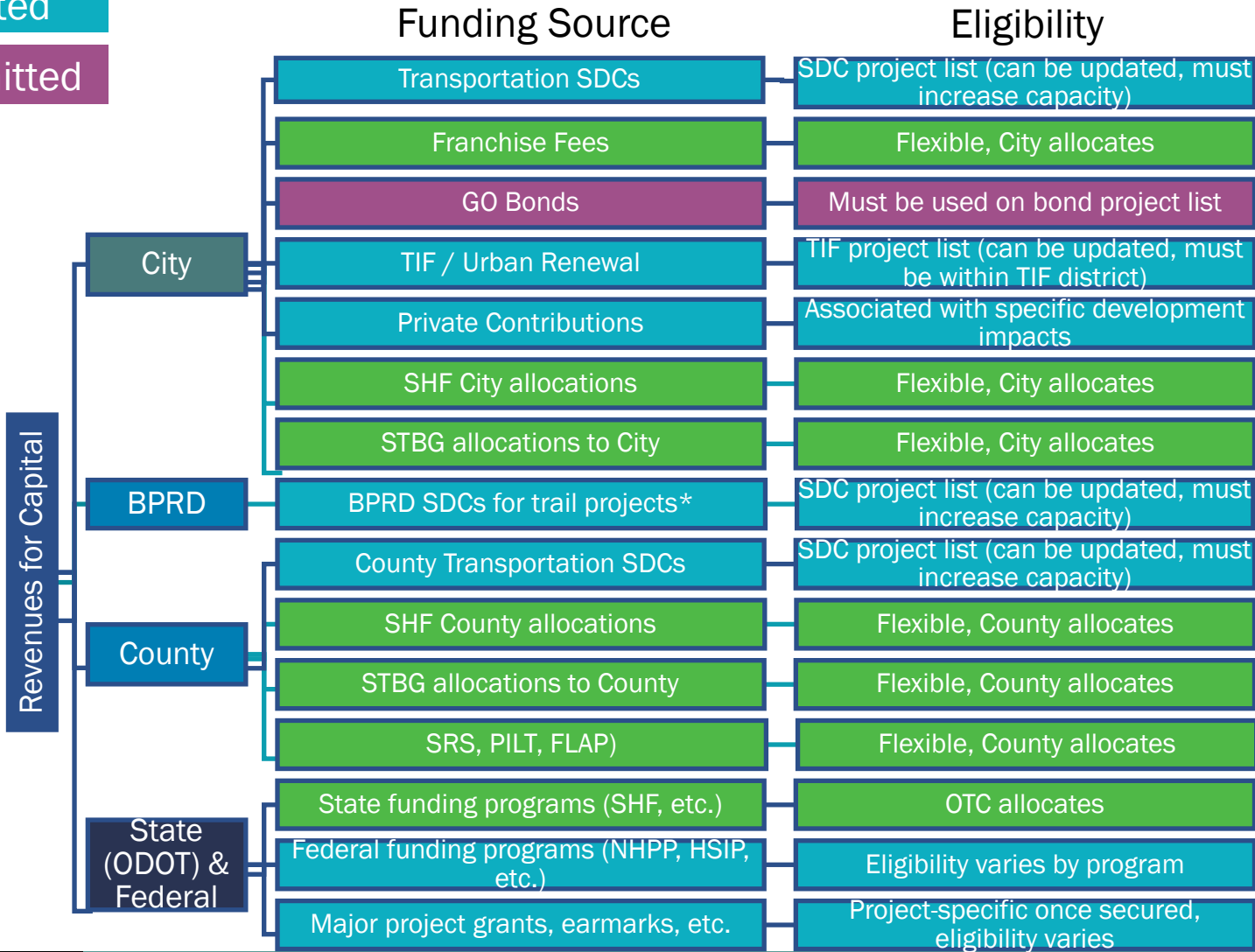
Map ID	Project Description	Cost Estimate
M-29	Cooley Road rural road upgrade from O.B. Riley Road to US 20	\$1,668,000
M-30	Cooley Road rural road upgrade from US 20 to Hunnell Road	\$4,417,000
M-31	Hunnell Road rural road upgrade from Cooley Road to Loco Road	\$2,906,000
M-32	Yeoman Road rural road upgrade from western terminus to Deschutes Market Road	\$3,209,000
M-33	Deschutes Market Road rural road upgrade from Yeoman Road to canal	\$642,000
M-34	Deschutes Market Road rural road upgrade from canal to Butler Market Road	\$513,000
M-36	Butler Market Road rural road upgrade from Eagle Road to Clyde Lane	\$513,000
M-37	Butler Market Road rural road upgrade from Clyde Lane to Hamby Road	\$1,412,000
M-38	Butler Market Road rural road upgrade from Hamby Road to Hamehook Road	\$1,412,000
M-39	Stevens Road rural road upgrade from Stevens realignment to Bend UGB boundary	\$2,439,000
M-40	Clausen Drive rural road upgrade from Loco Road to northern terminus	\$257,000
M-41	China Hat Road rural road upgrade north of Knott Road	\$3,209,000
M-42	China Hat Road canal bridge widening	\$483,000
M-43	Deschutes Market Road canal bridge widening	\$513,000

CHAPTER 6 – FUNDING PLAN

- Overview of project funds available by jurisdiction for capital project within the Bend MPO area
- Includes overview of the federal rules regarding a “fiscally constrained” project list, along with the corresponding legal context
- Identifies key data sources used to develop funding projections
- Outlines capital funding and O&M funding projections separately by year
- Supporting data is included as a new memorandum in Appendix G

FUNDING SOURCES BY TYPE

- Flexible
- Limited
- Committed



Funding Summary	
Available*	\$760 million
Need	\$1.53 billion
Gap	\$770 million

*Includes private development funding

CHAPTER 7 – PERFORMANCE MEASURES

- MPO federal performance measures
 - > Safety, Infrastructure Cond., System Reliability, Transit Asset & Safety, GHG Emissions
- City of Bend Transportation System Plan (TSP) performance measures
 - > Safety, Equity, Mobility, Transportation Demand Mgmt., Bike/Ped/Complete Street, Environment
- City of Bend Climate Friendly and Equitable Communities (CFEC) performance measures
 - > Compact Mixed-Use Development, Active Transportation, Transportation Options, Transit, Parking Costs/Mgmt., Transportation System

CHAPTER 7 – PERFORMANCE MEASURES

- Measures evaluated in MTP Project List System analysis (results included in Chapter 5)
 - > Local Measures evaluated (Bend TSP)
 - Mode Split
 - VMT per capita
 - > Other measures used for system level performance evaluation
 - % jobs and households within 0.25 miles of transit
 - Peak Hour Demand to Capacity ratio (congestion)
 - Peak Hour Vehicle Hours of Delay (by jurisdiction)
 - Trip Diversion Potential (% Collector Roads with ADT>4,000)

3

NEXT STEPS

NEXT STEPS

- 21-day Public Comment Period open thru Sept 7 (Bendoregon.gov/MTP)
- Respond to Policy Board, federal and state partners review of draft MTP
- Final edits by staff including public comments
- Adoption consideration by Policy Board, Sept. 20th
- Several planning recommendations coming out of MTP – future discussions re: MPO TAC and Policy Board prioritizing those efforts
- Future considerations: new travel survey, e-mobility, work from home, e-commerce, rapidly changing demographics, safety, CFEC, funding

THANK YOU

AARON BERGER

PROJECT MANAGER

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Member & Guest Roundtable

Time for TAC member to provide updates on current projects and planning efforts.

Public Comment

Time for members of the public to provide comment.

Next TAC Meeting

The next meeting of the BMPO TAC is scheduled for
October 2, 2024, at 10:00 a.m.

Adjourn

Tyler Deke

Accommodation Information for People with Disabilities



To obtain this information in an alternate format such as Braille, large print, electronic formats, etc. please contact Kelli Kennedy at kkennedy@bendoregon.gov or 541-693-2122; Relay Users Dial 7-1-1.