

CET 2040 Transit Master Plan

Project Steering Committee Meeting #1

February 13th, 2019

Meeting Purpose and Desired Outcomes

Meeting Purpose

Welcome the Project Steering Committee (PSC) members
Introduce CET Transit Master Plan project and review role of the PSC
Review summary from local and online open houses
Provide brief overview of technical memos

- Memo 1 – Existing Conditions
- Memo 2 – Planning Precedent

Discuss STIF deadlines and long-term visions for this plan

Desired Outcomes

PSC role, member understanding of project, and PSC alignment with the Regional Public Transit Advisory Committee (RPTAC)
Project team understand PSC member interests in transit and desired outcomes
PSC member understanding of what was heard through the open houses
Feedback from TAC on background information

Meeting Agenda & Introductions

TIME	SUBJECT	LEAD PRESENTER	GUIDANCE REQUESTED
1:30	Welcome and Introductions	Richard Ross/RPTAC Chair	
1:35	RPTAC Meeting Minutes	Richard	Review and approval of December 20 th , 2018 RPTAC Meeting Minutes
1:40	CET Transit Master Plan Project Introduction	Andrea Breault/CET	Confirm Understanding, Questions for Clarifications
1:45	Project Overview (schedule, procedures, PSC role, public involvement)	Susie Wright/Kittelton	Confirm Understanding, Questions for Clarifications
2:00	Summary of Local and Online Open Houses	Andrea Susie	
2:30	Memo Overview Visions and Goals	Susie	<p>Memo 1 – Existing Conditions</p> <ul style="list-style-type: none"> Is there additional existing transit conditions information you think would be helpful for guiding the plan? <p>Memo 2 – Planning Precedent</p> <ul style="list-style-type: none"> Are there any missing local documents? <p>Vision and Goals (Memo 2)</p> <ul style="list-style-type: none"> Do the vision and goals capture transit needs in Central Oregon?
3:15	STIF Deadlines and Long-Term Plan	Andrea	Confirm Understanding, Questions for Clarifications
3:20	Public Comment	Andrea	
3:30	Next Steps/Adjourn	Derek Hofbauer/COIC	

RPTAC Meeting Minutes

December
20, 2018

Review

Approve

Project Background

Cascades East Transit (CET) is developing a 2040 CET Transit Development Plan – the only Central Oregon plan dedicated to transit – and beginning a process to identify conceptual transit service over the next 25 years.

This plan will identify near-, mid-, and long-term transit service needs for the existing service areas and areas into which CET may extend.

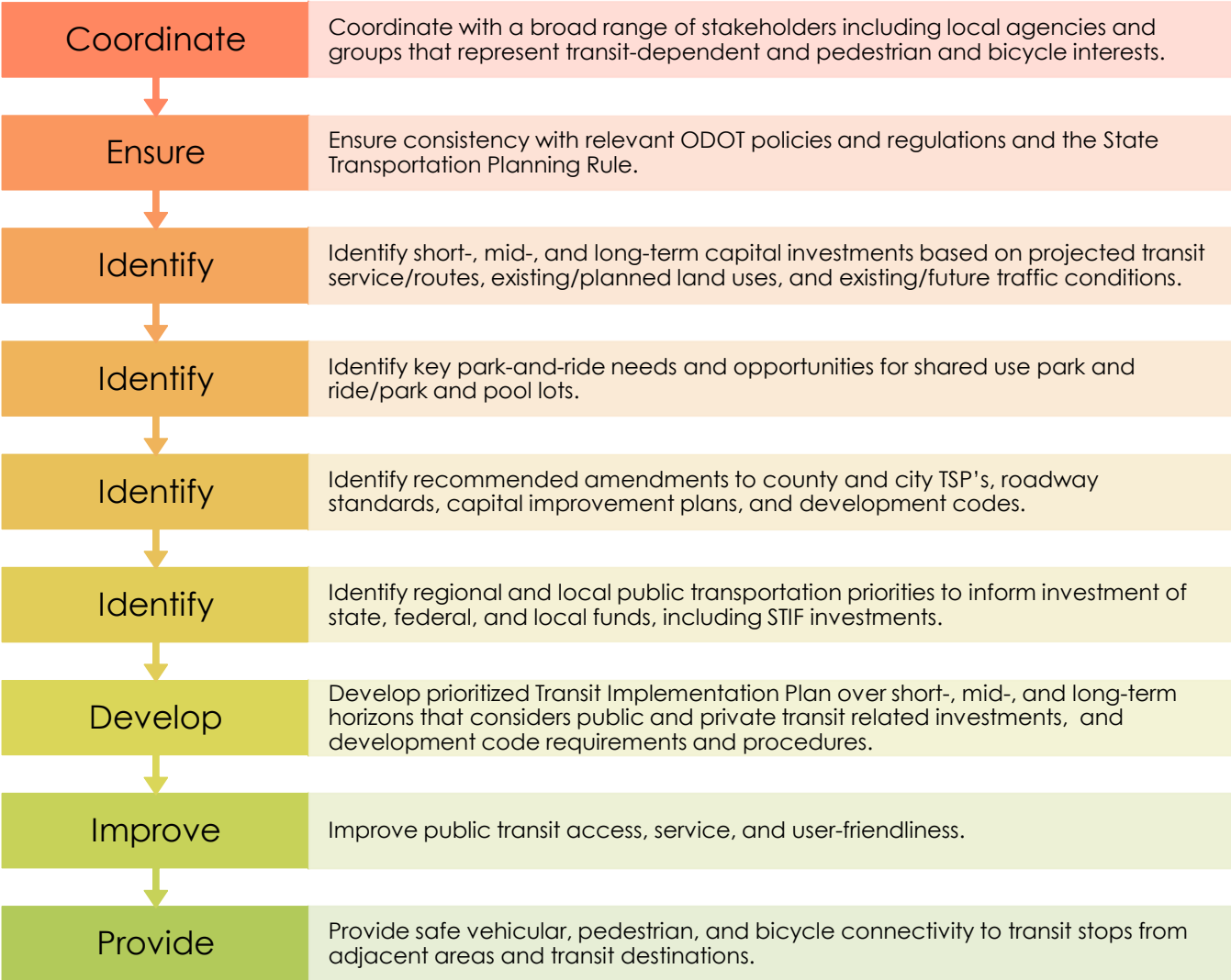
CET is operated by Central Oregon Intergovernmental Council (COIC), therefore, this plan will provide COIC Board of Directors, managers, and staff a framework for providing transit and transit-related services to Central Oregon and beyond.

It is intended to be used by CET to identify new services, further policy discussions, and achieve significant progress in CET departments.

This plan will synthesize and update the existing Central Oregon Regional Transit Master Plan (2013) and the Bend Metropolitan Planning Organization's (MPO) Public Transit Plan and Transit Corridor Land Use Assessment (2013); COIC will benefit from a single plan.

New funds to be awarded from the state transportation bill (STIF funds) soon require a plan such as this.

Desired Outcomes



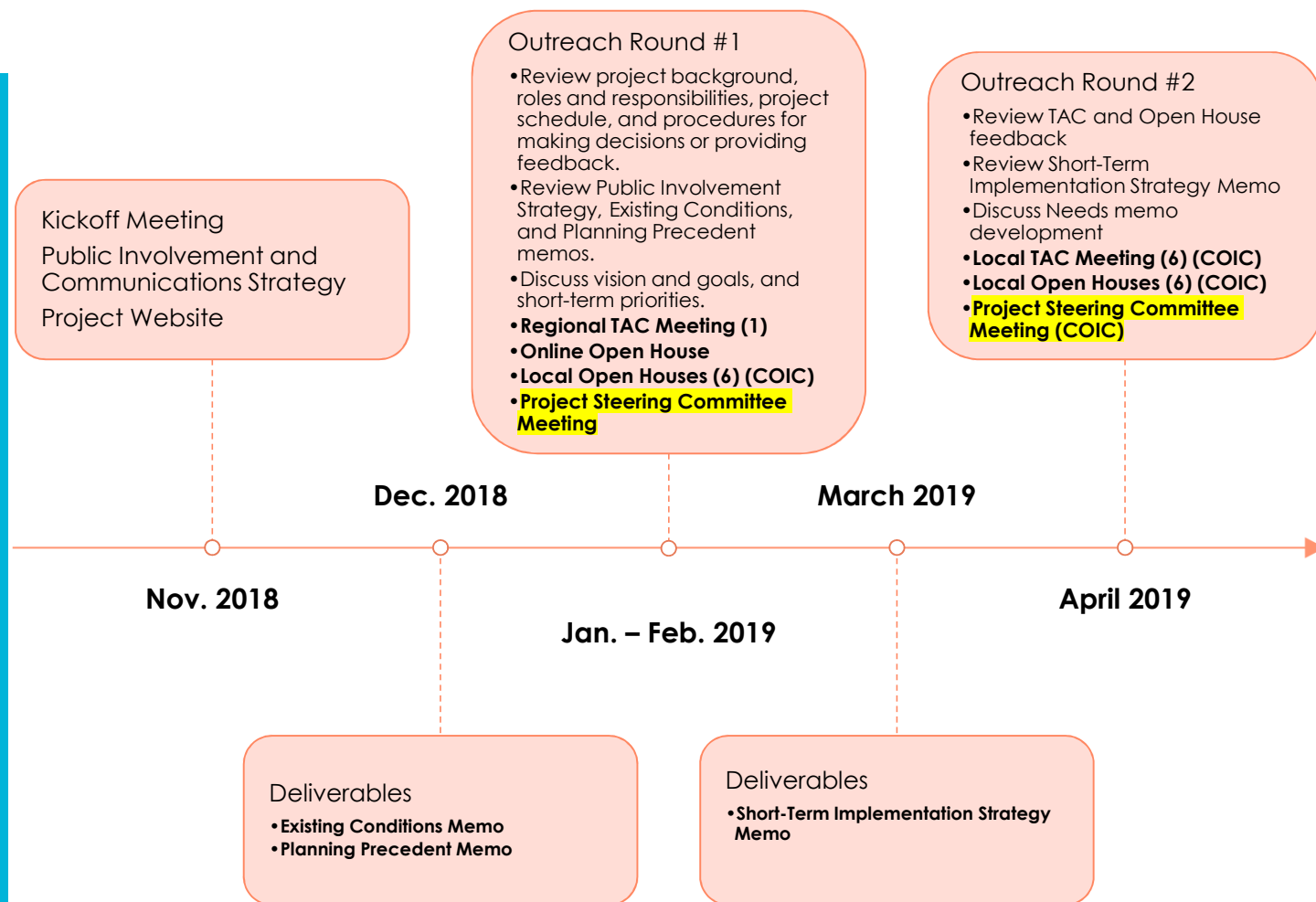


Project Background and Desired Outcomes

- Are there any clarifications needed?
- 

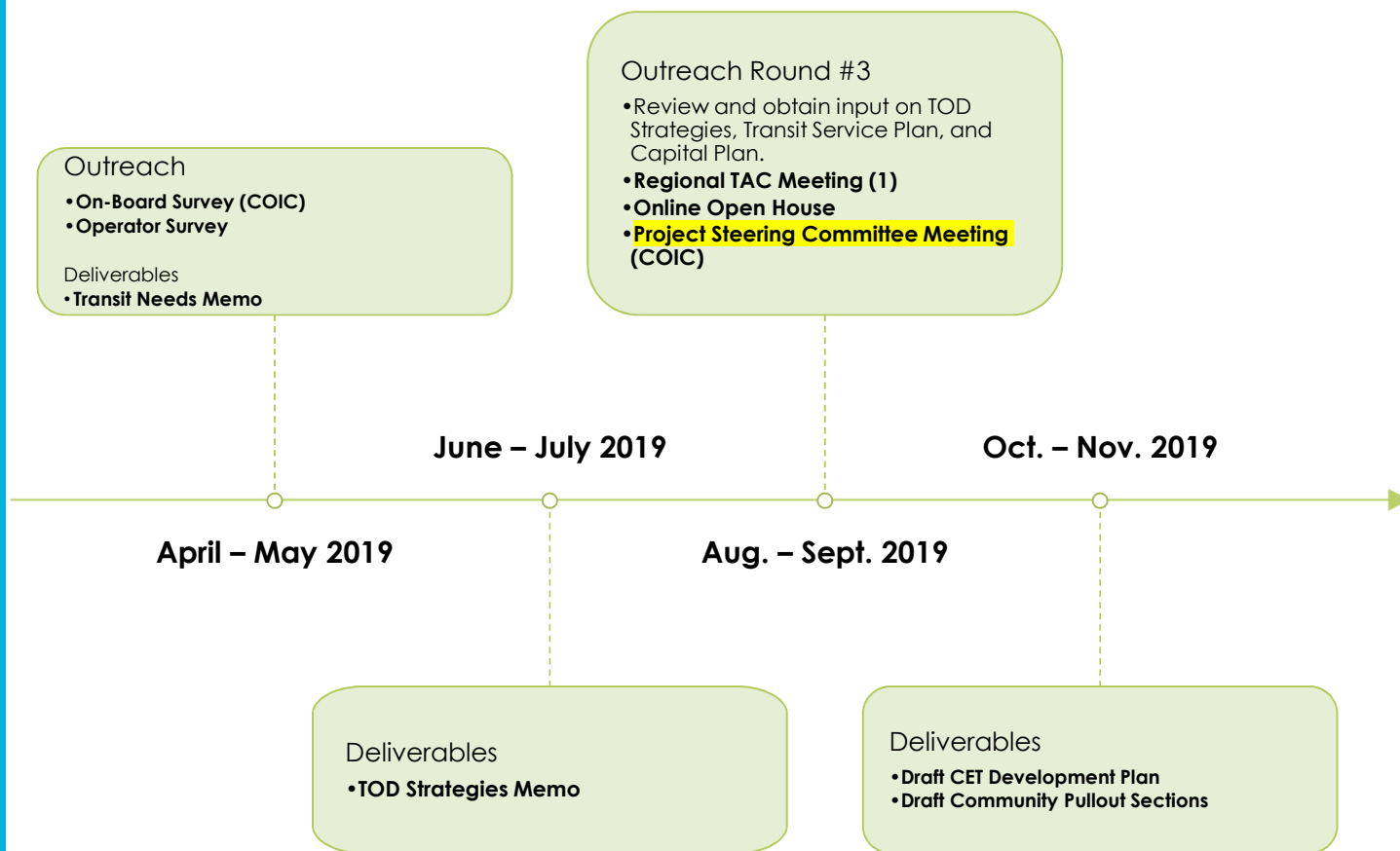
Deliverables and Project Schedule

(Month 1-6)



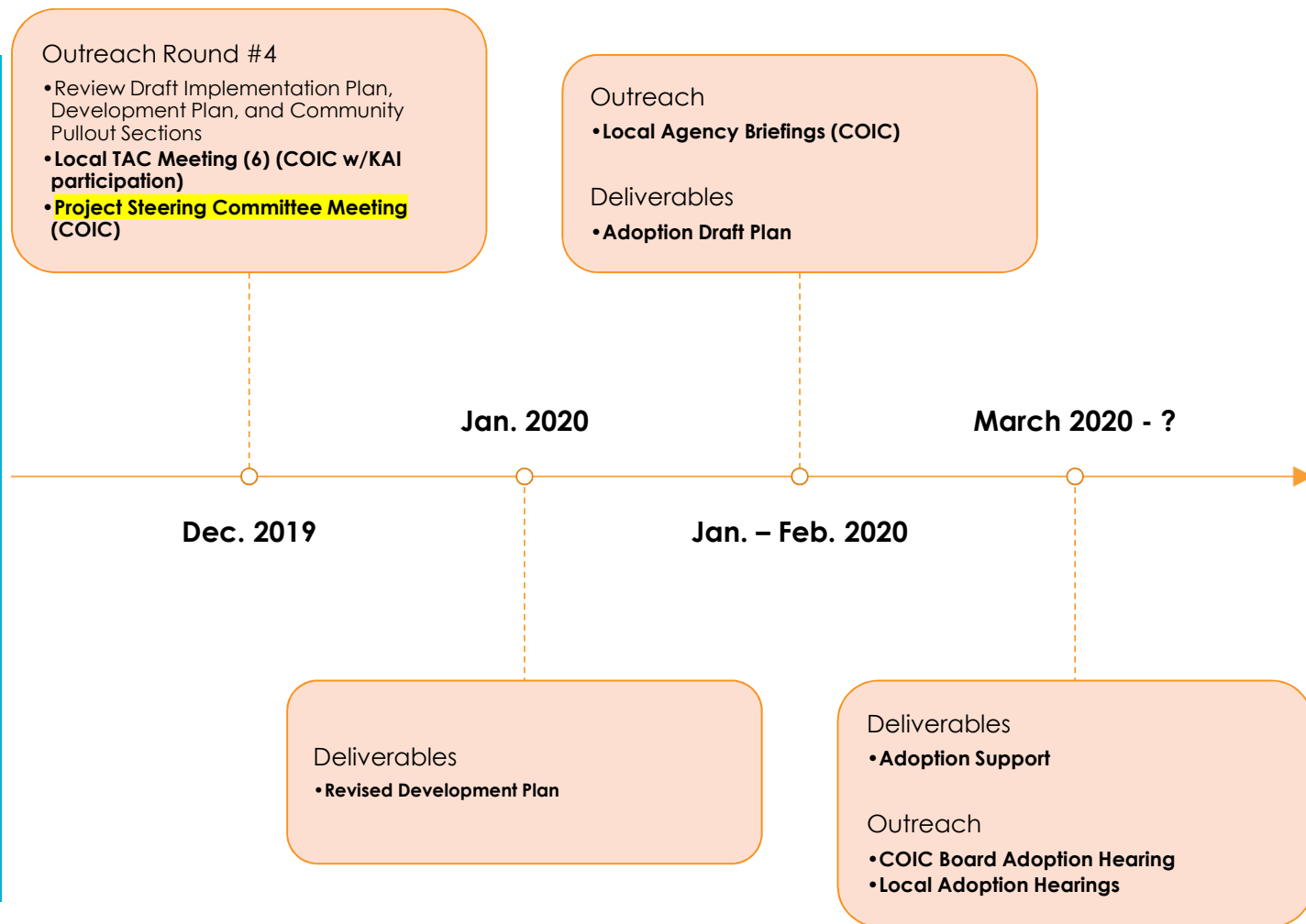
Deliverables and Project Schedule

(Month 7-13)

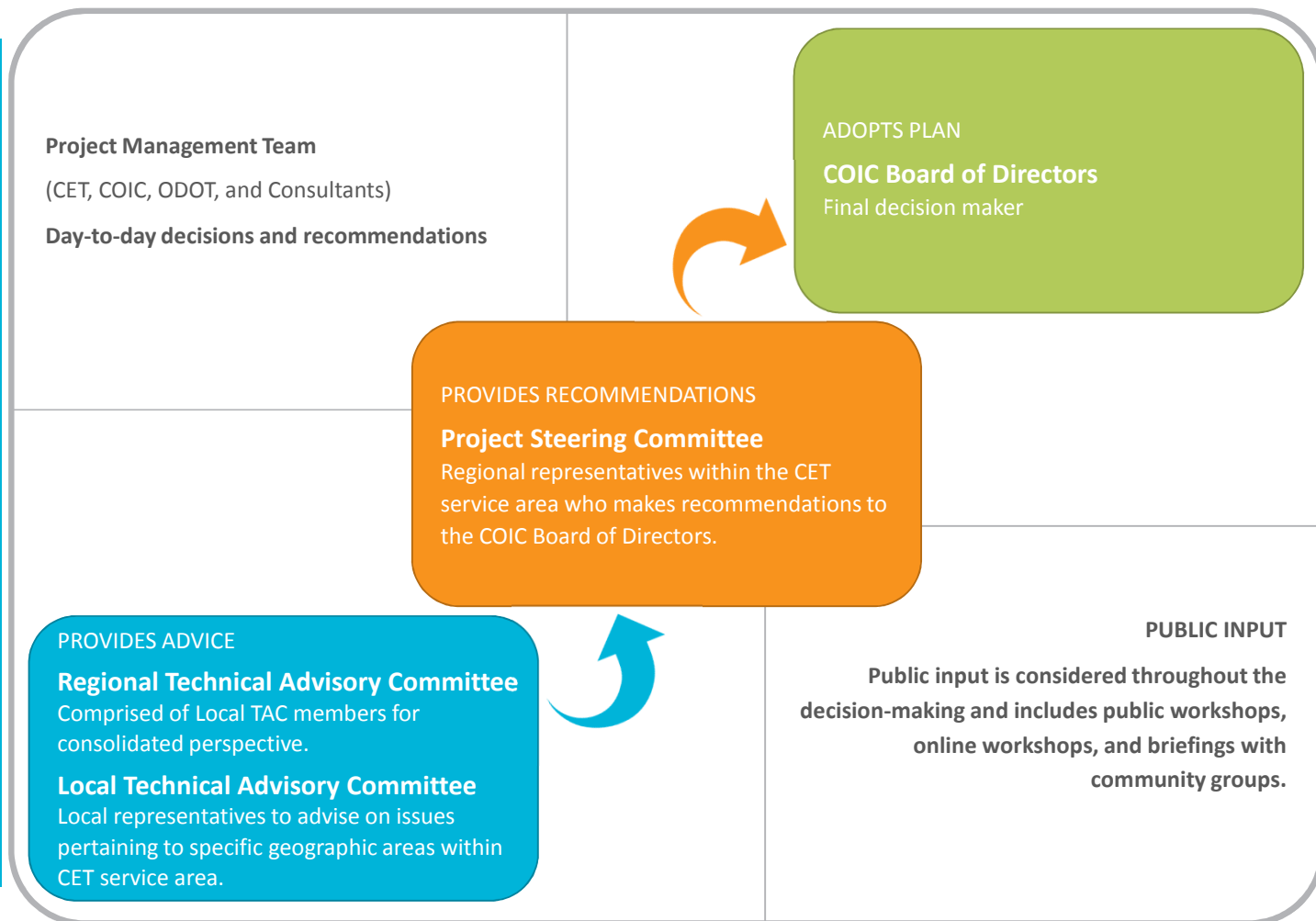


Deliverables and Project Schedule

(Month 14-17+)



Decision-Making Structure



TAC Role and Responsibility

Role

- The Project Steering Committee (PSC) will serve as the regional advisory and oversight committee for regional transit needs and will include representation from throughout the geographic area served by CET, including representation from Crook County, Deschutes County, Jefferson County, and the Warm Springs Reservation.

Responsibilities

- Attend PSC meetings
- Review draft memos prior to PSC meetings
- Provide comments and make recommendations at the PSC meetings
- At meetings
 - Participate (Silence = Agreement)
 - Use name placard to indicate you have a question or comment.
 - After meetings
 - Provide remaining or written comments to Andrea by Monday after meetings

Public Involvement Overview

Meeting	Topics	Dates and Events
 <p>OUTREACH ROUND #1</p>	<ul style="list-style-type: none"> Review project background, schedule, and procedures Review Public Involvement Strategy, Existing Conditions, and Planning Precedent Memos Discuss Vision, and Goals, and Short-Term Priorities 	<p>JANUARY – FEBRUARY 2019</p> <p>PSC Meeting #1</p> <p>Regional TAC Meeting #1</p> <p>Local Open Houses #1</p> <p>Online Open House #1</p>
 <p>OUTREACH ROUND #2</p>	<ul style="list-style-type: none"> Review TAC and Open House feedback Review Short-Term Implementation Strategy Memo Discuss Needs Memo development 	<p>APRIL 2019</p> <p>PSC Meetings #2</p> <p>Local TAC Meetings #1</p> <p>Local Open Houses #2</p> <p>On-Board Survey</p> <p>Operator Survey</p>
 <p>OUTREACH ROUND #3</p>	<ul style="list-style-type: none"> Review TOD strategies, Review Transit Service Plan, and Capital Plan 	<p>AUGUST – SEPTEMBER 2019</p> <p>PSC Meeting #3</p> <p>Regional TAC Meeting #2</p> <p>Online Open House #2</p>
 <p>OUTREACH ROUND #4</p>	<ul style="list-style-type: none"> Review Draft Implementation Plan Review Draft Development Plan Review Draft Community Pullout Sections 	<p>DECEMBER 2019</p> <p>Local TAC Meetings</p> <p>PSC Meeting #4</p>
 <p>LOCAL AGENCY BRIEFINGS</p>	<ul style="list-style-type: none"> Review Draft Cascades East Transit Development Plan Review Draft Community Pullout Sections 	<p>JANUARY – FEBRUARY 2020</p> <p>Local Agency Briefings</p>
 <p>ADOPTION</p>	<ul style="list-style-type: none"> COIC Board Meeting to review Draft Cascades East Transit Development Plan Local agency adoption (contingency) 	<p>SPRING/SUMMER 2020</p> <p>COIC Board Adoption</p> <p>Local Agency Adoption</p>

TAC - Technical Advisory Committee Meeting
PSC - Project Steering Committee
COIC - Central Oregon Intergovernmental Council
TOD - Transit Oriented Development

Project Website and Online Open House

HOME LATEST NEWS MEETINGS PROJECT TEAM MEMBERS PROJECT DOCUMENTS PROJECT MAP SUBSCRIBE CONTACT

2040 CET Transit Master Plan

Online Project Survey

Participate [here!](#) (anytime between now and 2/3/19)

Initial Project Open Houses 1/15/19 - 1/29/19

Participate in our first project open house and weigh in on vision, goals, and near-term priorities for transit in Central Oregon. Attend one of our six in-person locations or participate online anytime between now and 2/3/19. Information on the meeting locations is available [here](#) or in the [Meetings](#) section of the website.

What

Cascades East Transit (CET) is developing a regional transit master plan for Central Oregon and identify conceptual transit service over the next 25 years. The 2040 CET Transit Development Plan and long-term transit service needs for the existing service areas and areas into which CET may the 2040 Transit Master Plan will provide Central Oregon Intergovernmental Council (COIC) Board staff a framework for providing transit and transit-related services to Central Oregon and beyond in Central Oregon dedicated to transit and is intended to be used by CET to identify new services discussions, and achieve significant progress in CET departments.

Why

The CET Development Plan will synthesize and update the existing Central Oregon Regional Transit Plan and the Bend Metropolitan Planning Organization's (MPO) Public Transit Plan and Transit Corridor (2013). CET is operated by COIC and provides public transit service to Bend and the region, therefore Central Oregon will benefit from a single plan.

- <http://www.cettransitplan.com/>
- News, Meetings, Documents, Project Comment Map, Subscribe

CET 2040 Master Plan

Progress

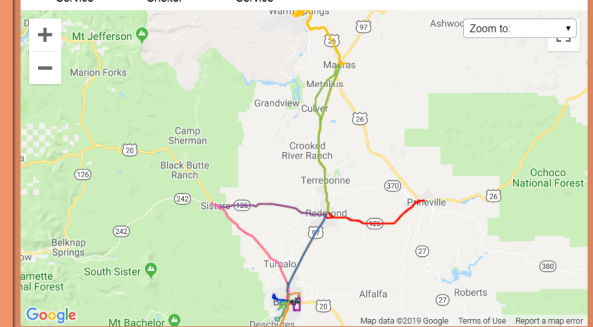
WELCOME 2 PRIORITIES 3 NEEDS SURVEY 4 INTERACTIVE MAP 5 WRAP UP

What to do Next Task

Please drag and drop at least 2 markers on the map.

Legend

Weekend Service New Bus Shelter Enhance Service New Route Concern New Bus Stop



Map data ©2019 Google Terms of Use Report a map error

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Project Overview

- Are there any clarifications needed?
- 

Open House #1

6 Local
Open
Houses

Virtual
Open
House

Open
House
#1

Open House #1: Local Open Houses

- 1
Deschutes County
- 2
Jefferson County
- 3
Redmond
- 4
Warm Springs
- 5
Crook County
- 6
Bend

Open House #1: Local Open Houses

Deschutes County

La Pine Public Library | January 15, 2019 | 4:30 - 6:30 p.m.

25 attendees | 4 paper surveys completed

Jefferson County

Rodriguez Jefferson Library Annex | January 17, 2019 | 4:30 - 6:30 p.m.

11 attendees | 3 paper surveys completed

Redmond

Redmond City Hall | January 22, 2019 | 4:30 - 6:30 p.m.

20 attendees | 8 paper surveys completed

Warm Springs

Warm Springs Community Center | January 23, 2019 | 4:30 - 6:30 p.m.

11 attendees

Crook County

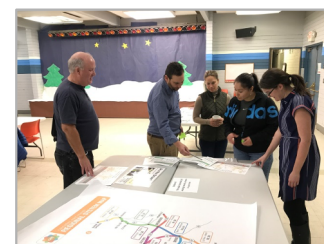
Crook County Library | January 24, 2019 | 4:30 - 6:30 p.m.

18 attendees | 8 paper surveys completed

Bend

Trinity Episcopal Church | January 29, 2019 | 4:30 - 6:30 p.m.

46 attendees | 12 paper surveys completed



Open House #1: Virtual Open House

Wrap-Up

- 237 total participants
- 156 participants reported their home zip code

HOME ZIP CODE	REGION	PARTICIPANTS
97701	North Bend	36
97702	South Bend	36
97703	Tumalo	21
97707	-	1
97734	Culver	1
97739	La Pine	10
97741	Madras	5
97745	-	1
97753	Powell Butte	1
97754	Prineville	18
97756	Redmond	14
97759	Sisters	3
97760	Crooked River Ranch	1
97761	Warm Springs	8

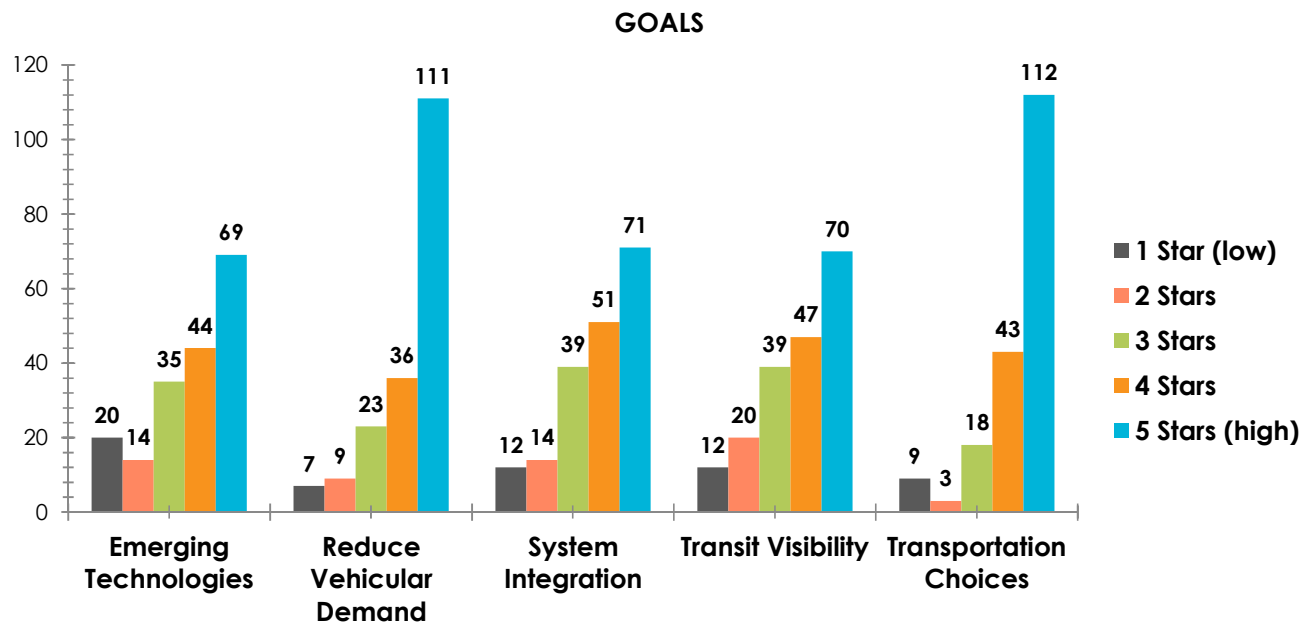
Open House #1: Virtual Open House



Open House #1: Virtual Open House

Priorities

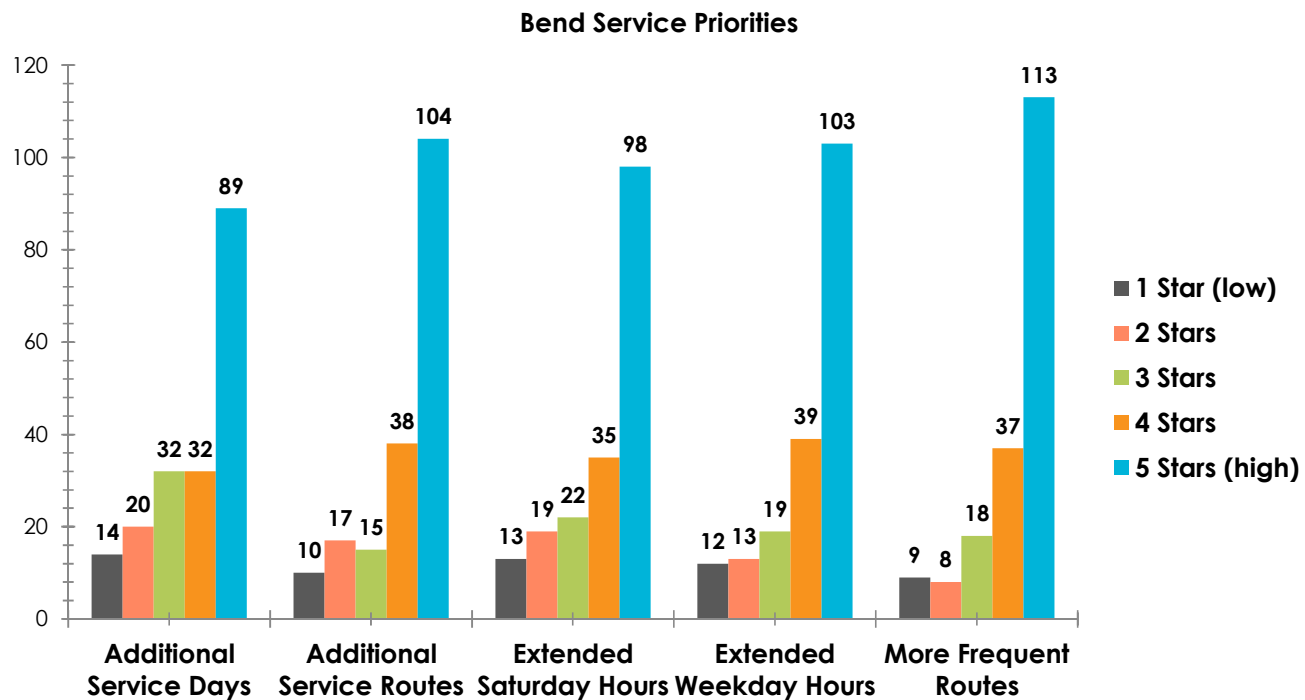
Goals Priority Results



Open House #1: Virtual Open House

Priorities

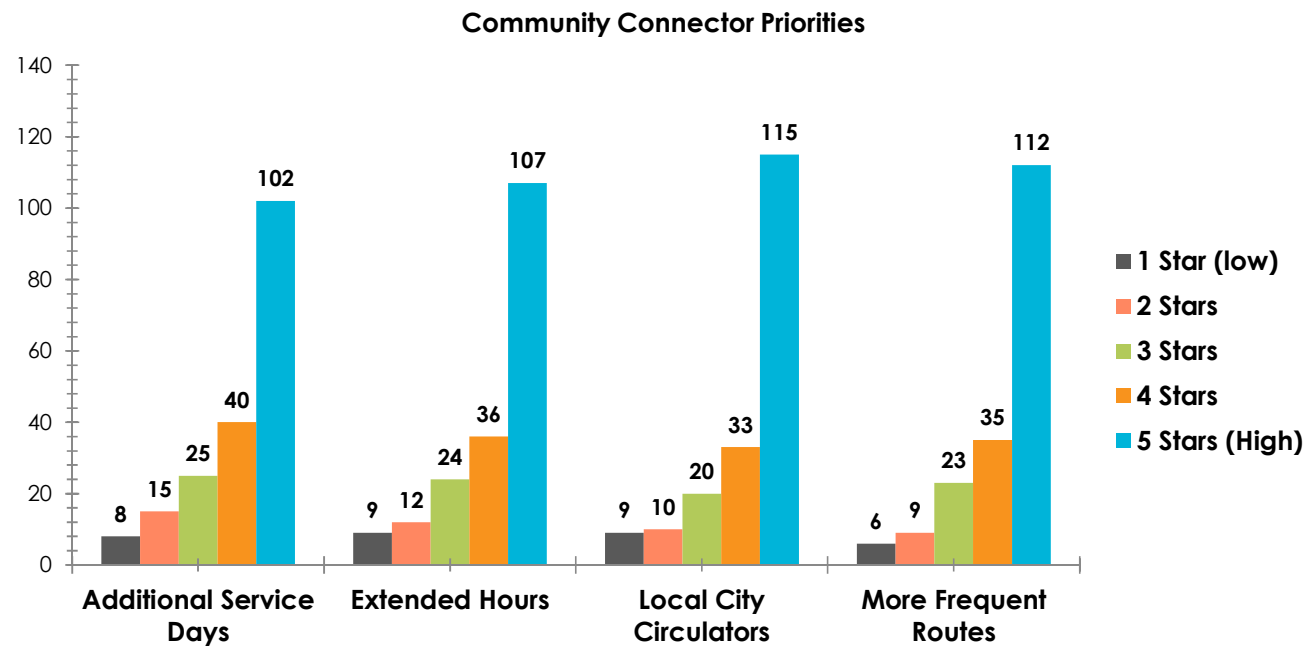
Bend Service Priority Results



Open House #1: Virtual Open House

Priorities

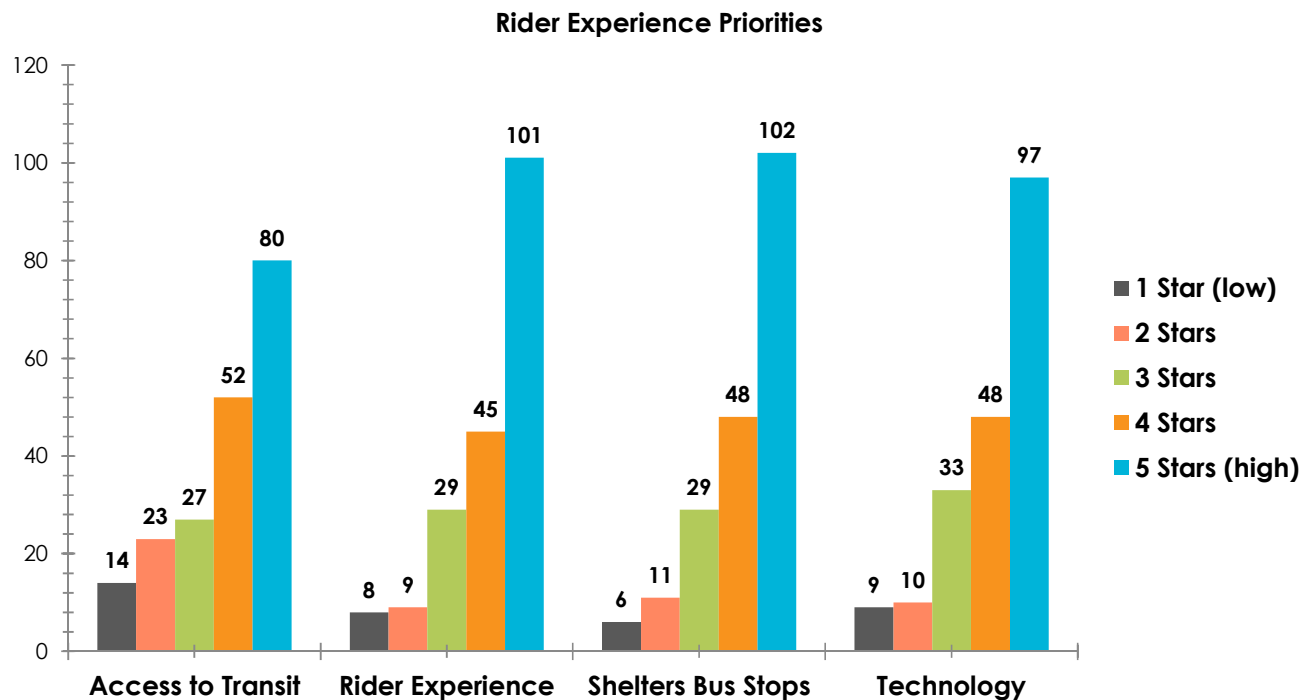
Community Connector Service Priority Results



Open House #1: Virtual Open House

Priorities

Rider Experience Priority Results

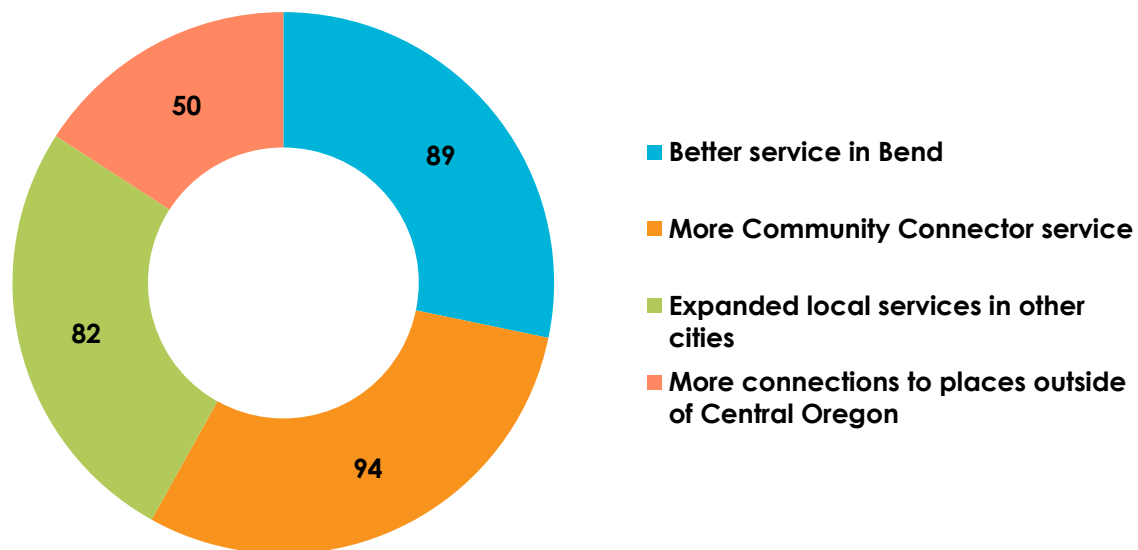


Open House #1: Virtual Open House

Needs Survey

Coverage Priority Results

Coverage Priorities

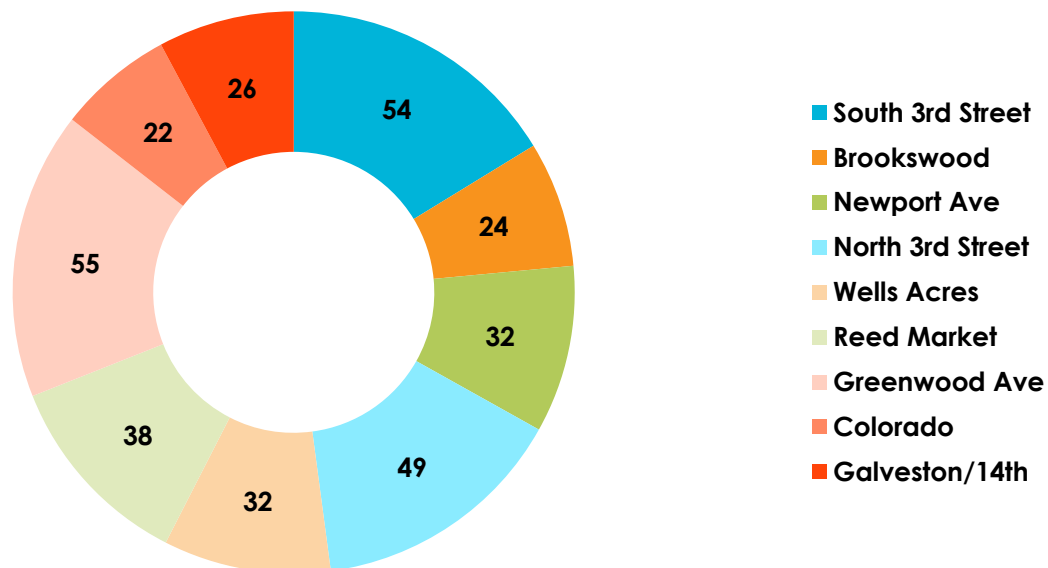


Open House #1: Virtual Open House

Needs Survey

Bend Service – Existing Route Enhancement Priority Results

Bend Service - Existing Route Enhancement Priorities

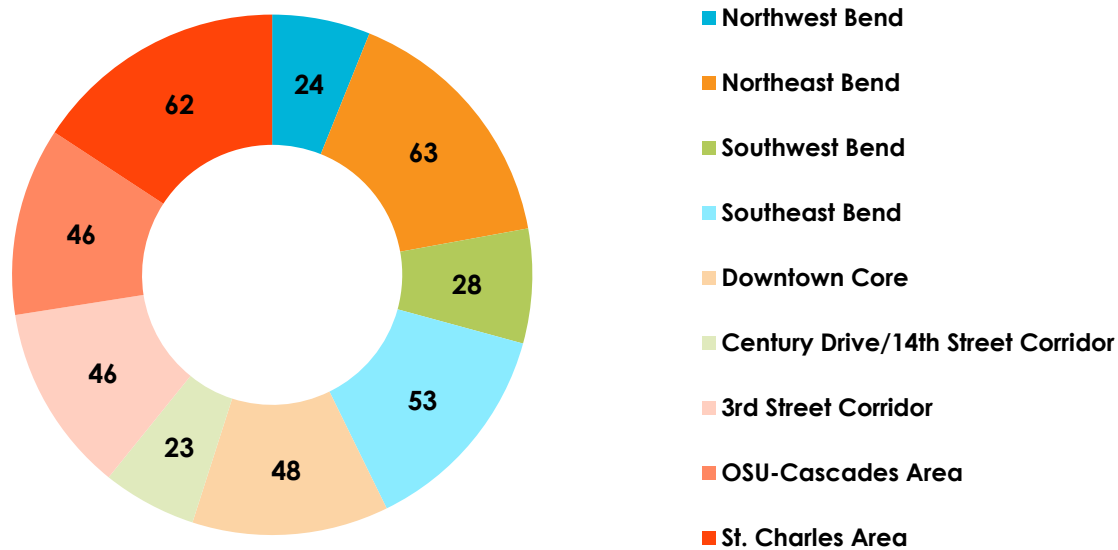


Open House #1: Virtual Open House

Needs Survey

Bend Service – Expanded Service Area Priority Results

Bend Service - Expanded Service Area Priorities

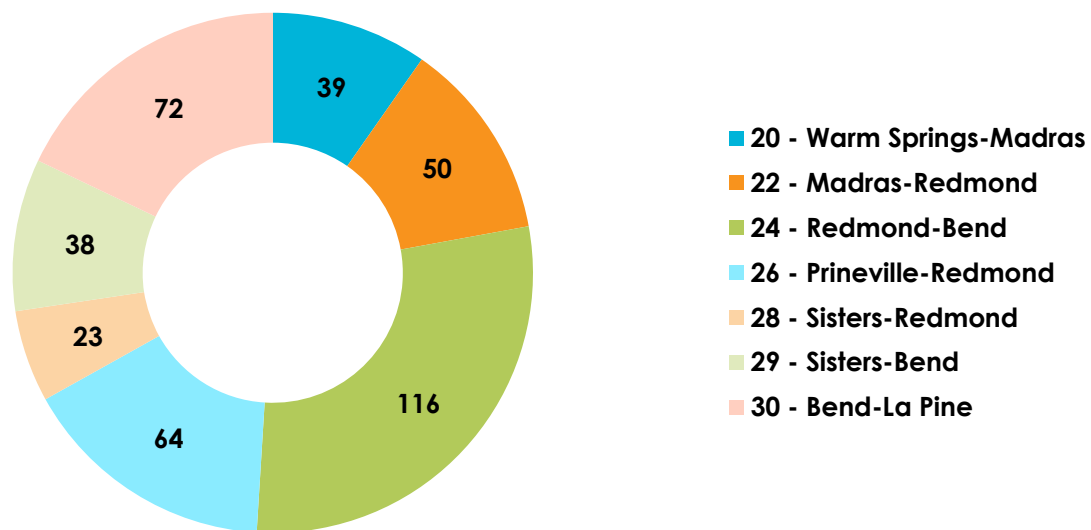


Open House #1: Virtual Open House

Needs Survey

Community Connector – Increased Frequency Priority Results

Community Connector - Increased Frequency Priorities

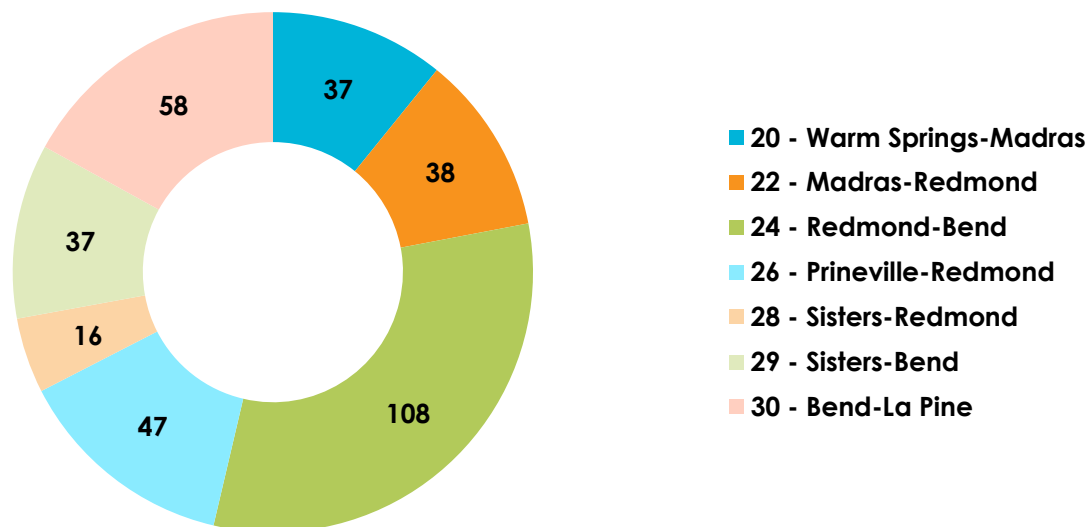


Open House #1: Virtual Open House

Needs Survey

Community Connector – Saturday Service Priority Results

Community Connector - Saturday Service Priorities

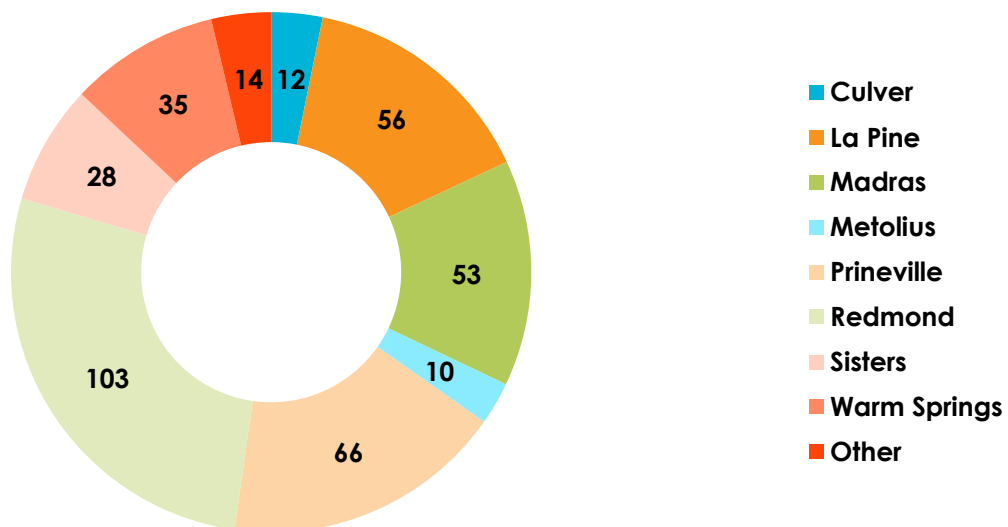


Open House #1: Virtual Open House

Needs Survey

Local Service – Local Fixed-Route Expansion Priority Results

Local Service - Local Fixed-Route Expansion Priorities

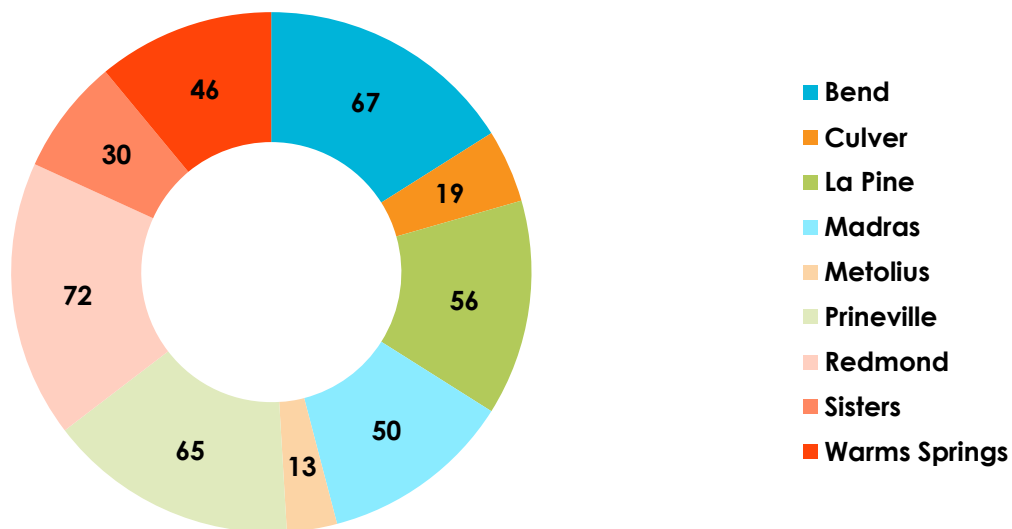


Open House #1: Virtual Open House

Needs Survey

Local Service – Dial-A-Ride Expansion Priority Results

Local Service - Dial-A-Ride Expansion Priorities



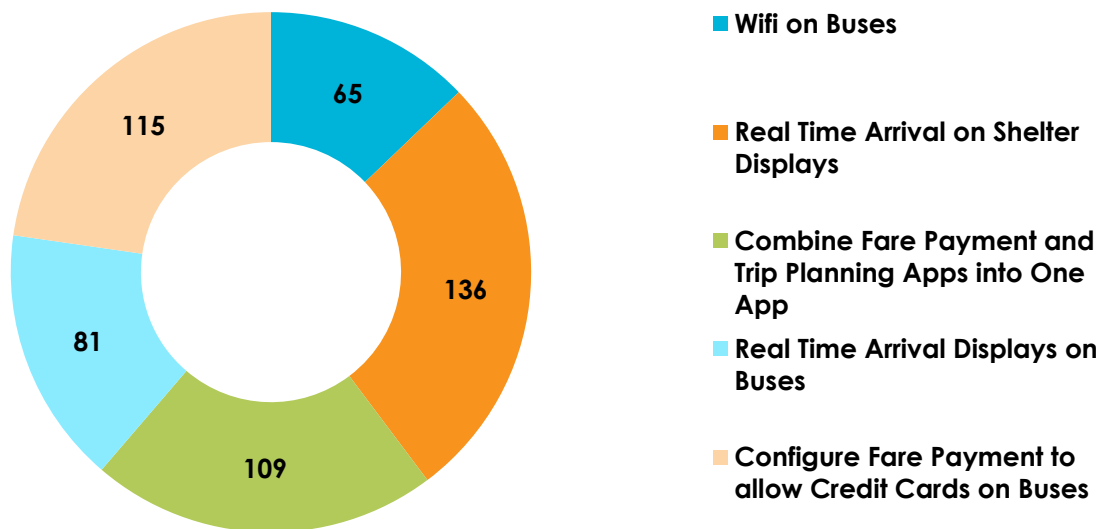
Note: Culver and Metolius do not currently have dial-a-ride service.

Open House #1: Virtual Open House

Needs Survey

Information & Technology Priority Results

Information & Technology Priorities

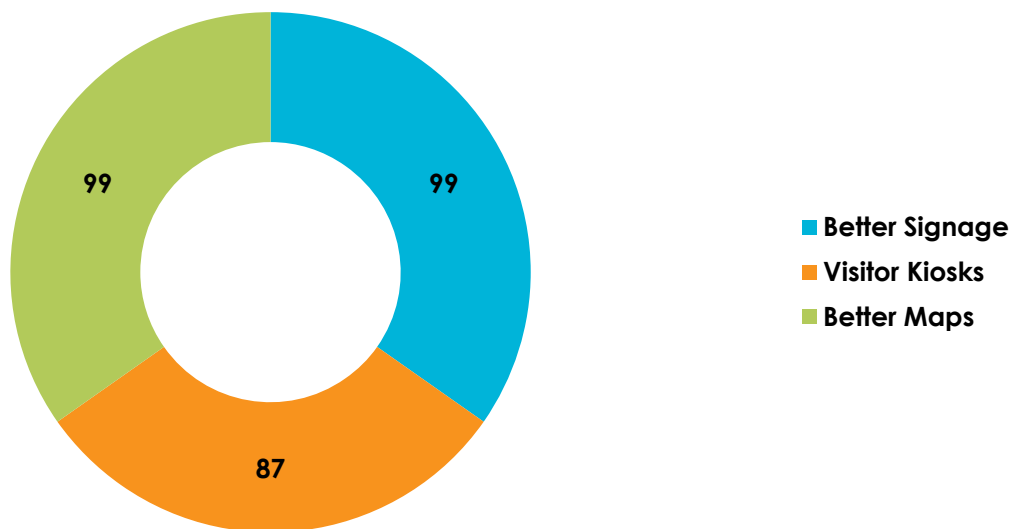


Open House #1: Virtual Open House

Needs Survey

Information & Technology – Physical Improvement Priority Results

Information & Technology - Physical Improvement Priorities



Open House #1: Virtual Open House

Interactive Map

Overall Results

SERVICE OR AMENITY	TOTAL MARKERS	MARKERS WITH COMMENTS
Weekend Service	75	35
New Bus Shelter	43	21
Enhance Service	91	59
New Route	101	70
Concern	21	19
New Bus Stop	64	37
Total	395	241

Open House #1: Virtual Open House

Interactive Map

Key Findings

SERVICE AREA	KEY DESIRES
Warm Springs	<ul style="list-style-type: none"> ▪ Weekend service in the area
Madras	<ul style="list-style-type: none"> ▪ Weekend service in town
Metolius	<ul style="list-style-type: none"> ▪ New shelter in town
Culver	<ul style="list-style-type: none"> ▪ Enhanced service (more frequency)
Terrebonne	<ul style="list-style-type: none"> ▪ Weekend service
Sisters	<ul style="list-style-type: none"> ▪ Enhanced services (fixed-route & expanded DAR service)
Redmond	<ul style="list-style-type: none"> ▪ New bus stops, routes, and shelters in southeast quadrants (airport and fairgrounds)
Bend	<ul style="list-style-type: none"> ▪ Several new routes and stops on east side ▪ Areas of concern near Hawthorne Station and in southeastern quadrants ▪ Weekend service around Old Mill and downtown ▪ Some new routes and stops and enhanced services on west side
Sunriver/Three Rivers	<ul style="list-style-type: none"> ▪ New routes and new bus stops
La Pine	<ul style="list-style-type: none"> ▪ New routes and bus stops and weekend service on west side ▪ Enhanced service in southern quadrant ▪ Area of concern on US 97
Prineville	<ul style="list-style-type: none"> ▪ Weekend service and enhanced service in the area



Local and Online Open Houses

- Are there any clarifications needed?
- 

Memos 1 & 2



Memo 1 – Existing Conditions

- CET Service Area
- Demographic Analysis
- Transit Service Assessment
- Transit Capital Assets Analysis
- COIC Transit Budget and Funding Source Analysis



Memo 2 – Planning Precedent

- Regional Plans
- Local Plans
- Regional Vision and Goals



Memo 1: Existing Conditions

1

CET Service Area

2

Demographic
Analysis

3

Transit Service
Assessment

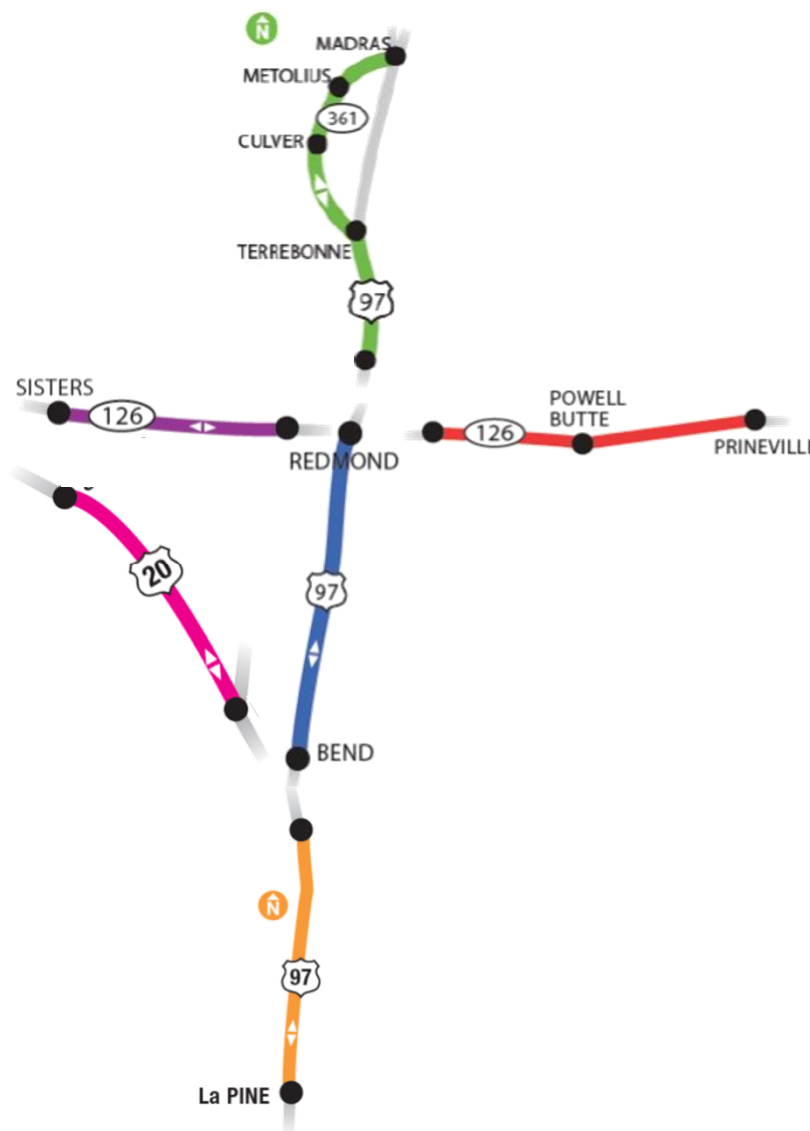
4

Transit Capital
Assets Analysis

5

COIC Transit
Budget and
Funding Source
Analysis

Memo 1: CET Service Area and Service Types



Community Connectors

Fixed-Route

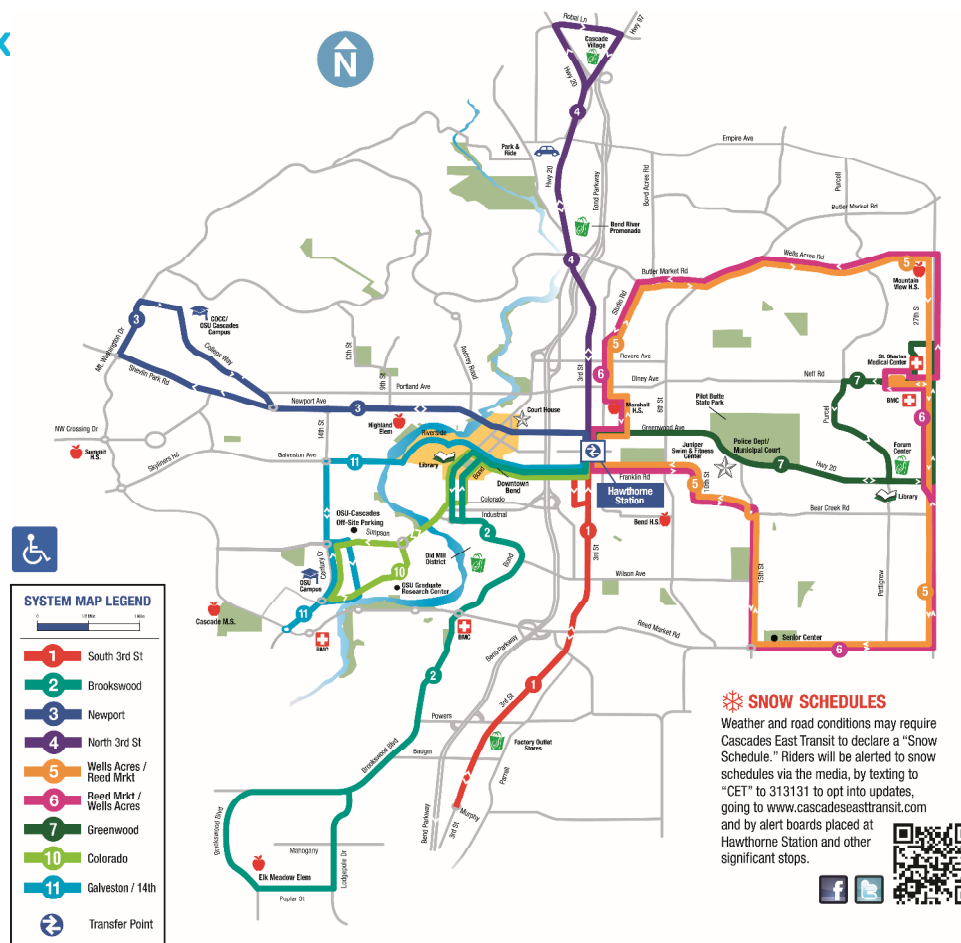
- La Pine – Bend
- Bend – Redmond
- Bend – Sisters
- Redmond – Sisters
- Redmond – Prineville
- Redmond – Madras

Deviated Fixed-Route

- Madras – Warm Springs

Memo 1: CET Service Area and Service Types

Bend Fix



Memo 1: CET Service Area and Service Types

Other CET Services

Demand-Responsive Service

- Bend Dial-a-Ride
 - low-income seniors and disabled

- Rural Dial-a-Ride
 - General public

Recreational Shuttles

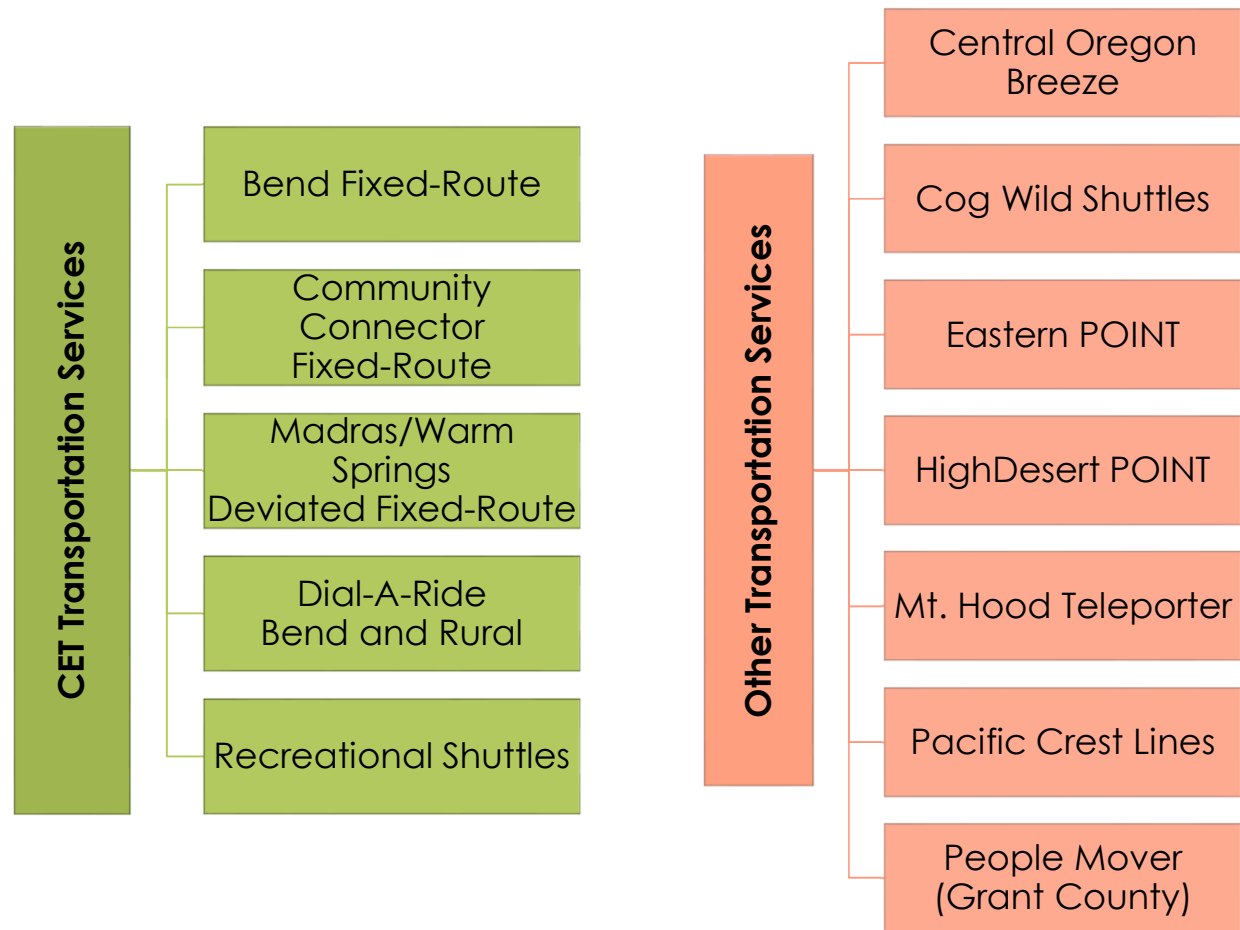
- Ride the River
- Mt. Bachelor Winter Shuttle
- Lava Butte
- Ride Bend



18 Mountain Service



Memo 1: CET Service Area and Service Types



Memo 1: Demographic Analysis

Densest Concentrations within CET Service Area

Northwest Madras

- Minority Population

Southwest Redmond

- Households in Poverty*
- Elderly Population
- Youth Population
- Minority Population
- Disabled Population
- Households w/o a Vehicle

Northwest Bend

- Youth Population

Northeast Bend

- Youth Population
- Minority Population
- Disabled Population
- Households w/o a Vehicle

South Central Bend

- Households in Poverty*
- Youth Population
- Disabled Population
- Households w/o a Vehicle

East Bend

- Elderly Population

West Bend

- Minority Population

Southwest Prineville

- Households in Poverty*
- Elderly Population
- Youth Population
- Disabled Population

Central Prineville

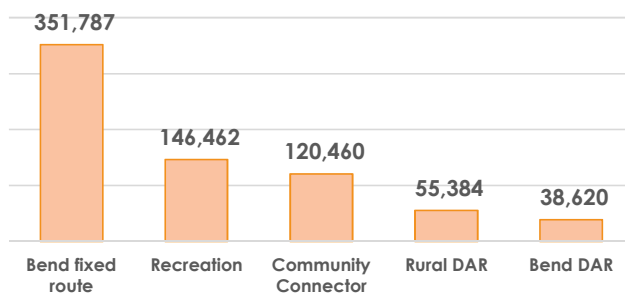
- Minority Population

*Households with incomes below 200% of the federal poverty level.

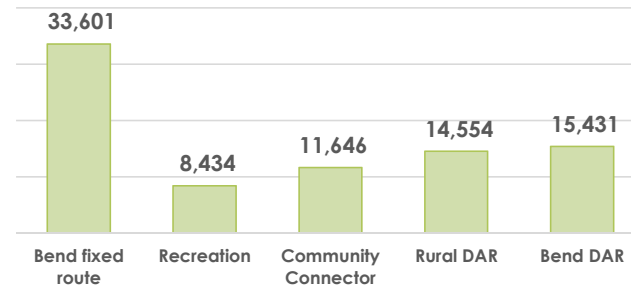
Memo 1: Transit Service Assessment

CET Service Ridership

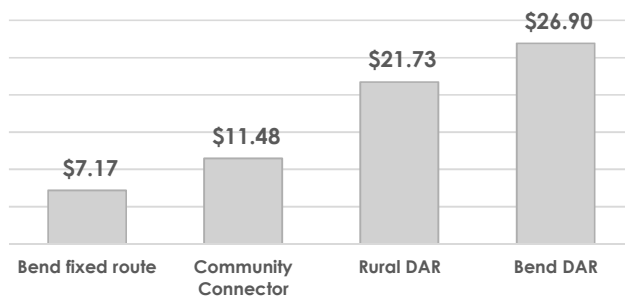
2017 Ridership



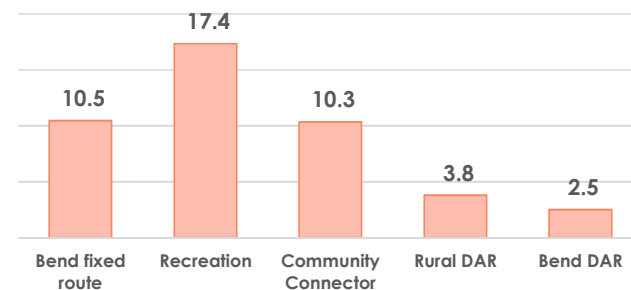
2017 Revenue Hours



2017 Operating Cost per Trip



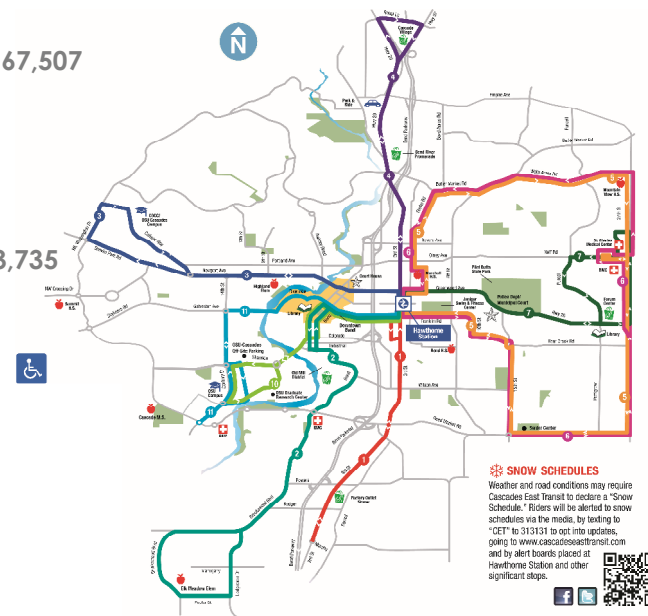
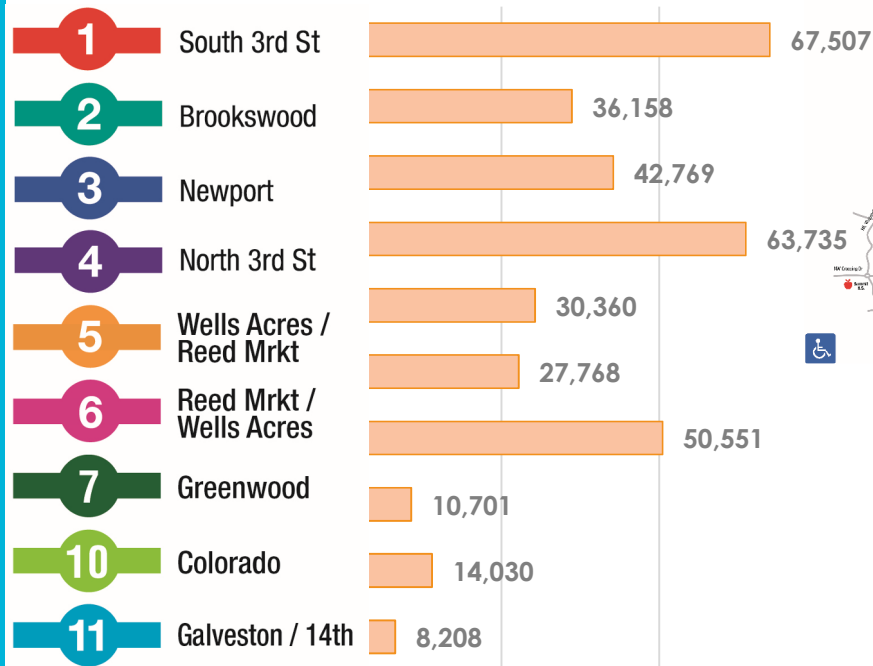
2017 Productivity (Boardings per Revenue Hour)



Memo 1: Transit Service Assessment

CET Service Ridership

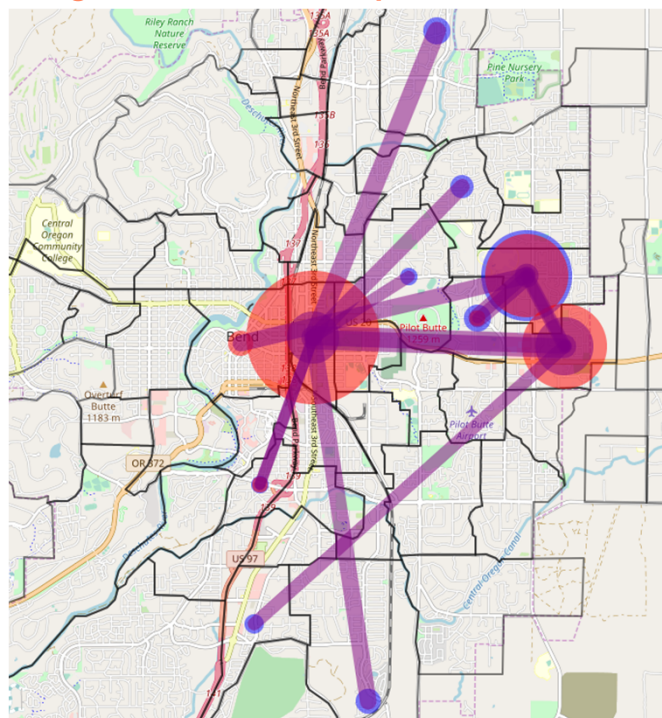
Bend Fixed-Route (2017)



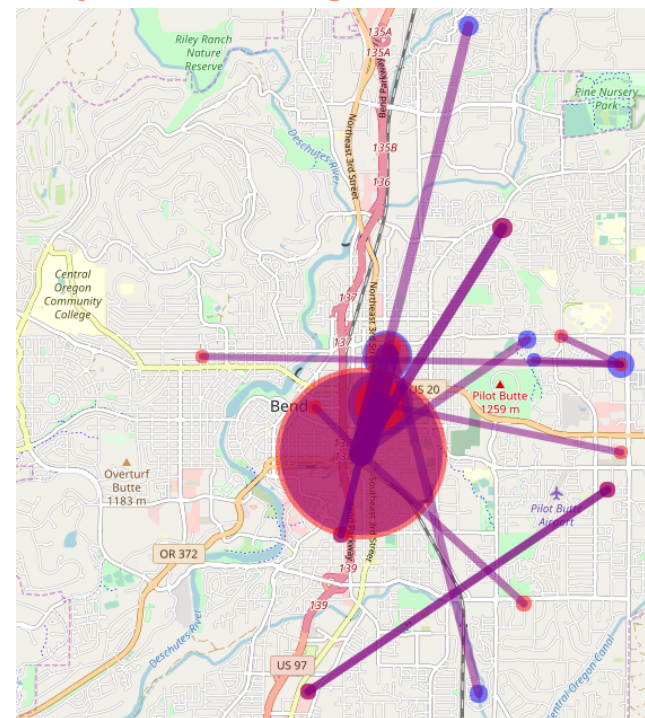
CET Service Ridership

Bend Dial-A-Ride 2018 Trips Patterns

Origins & Destinations by Zone



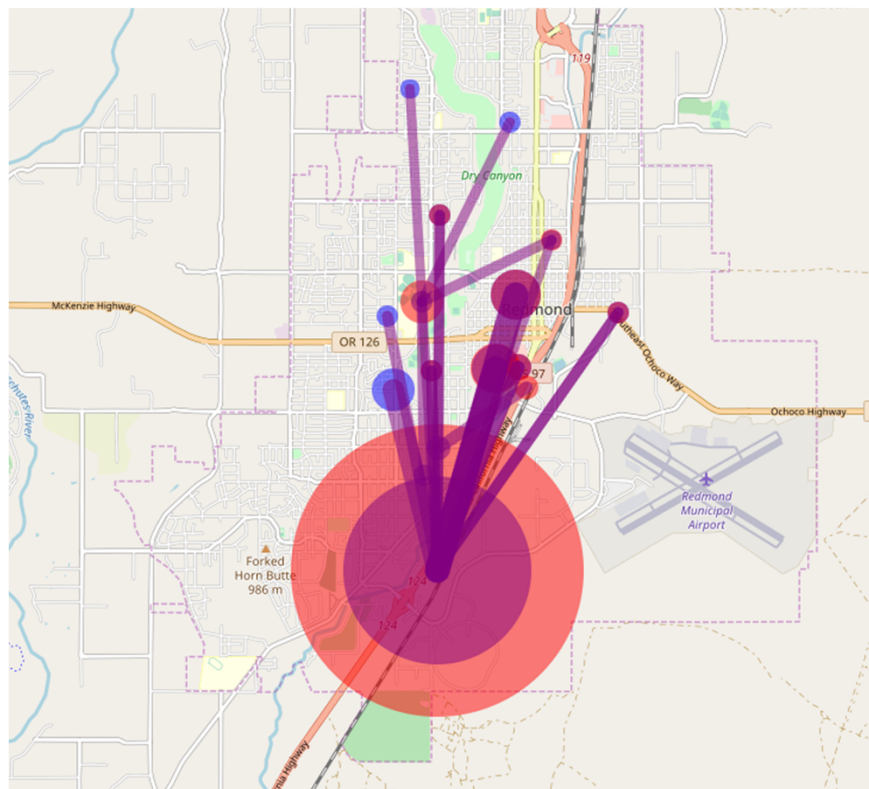
Major Individual Origins & Destinations



Memo 1: Transit Service Assessment

CET Service Ridership

Rural Dial-A-Ride 2018 Trip Patterns – Origins & Destinations

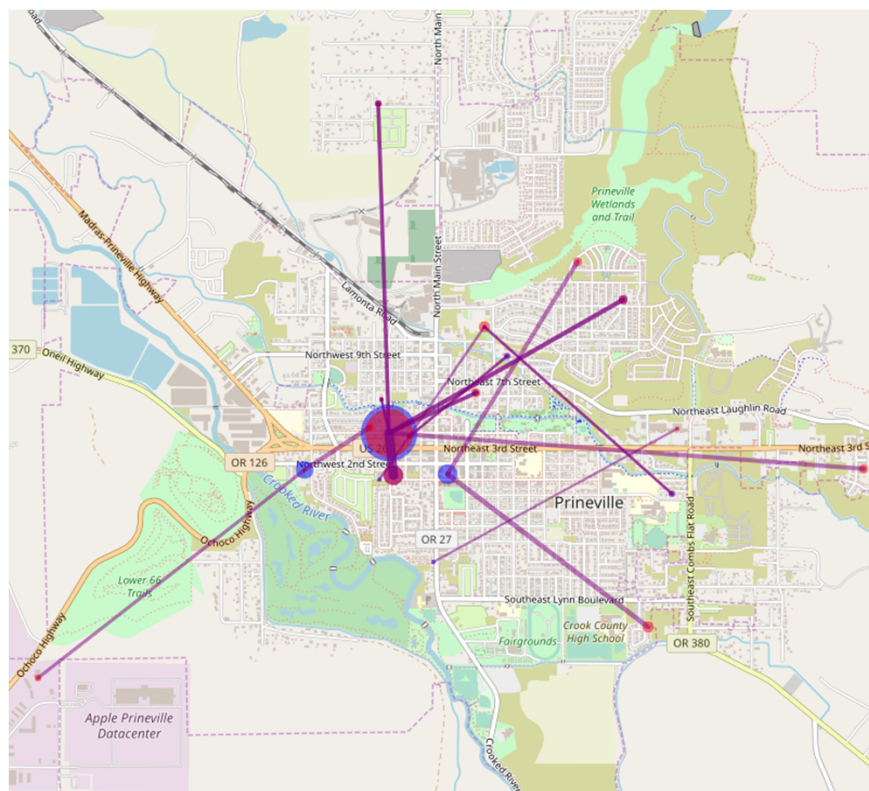


Redmond

Memo 1: Transit Service Assessment

CET Service Ridership

Rural Dial-A-Ride 2018 Trip Patterns – Origins & Destinations

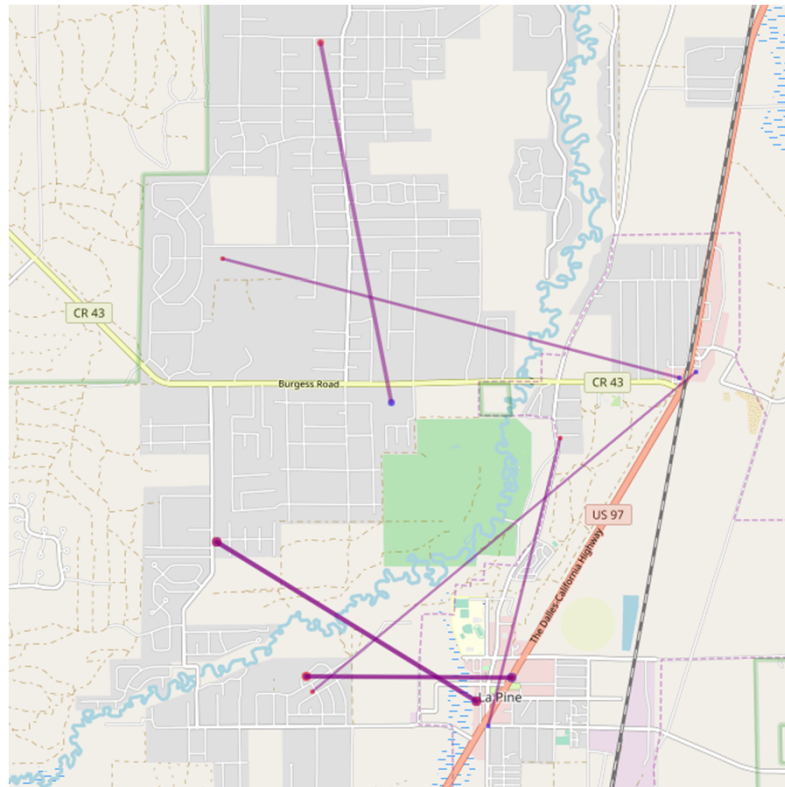


Prineville

Memo 1: Transit Service Assessment

CET Service Ridership

Rural Dial-A-Ride 2018 Trip Patterns – Origins & Destinations

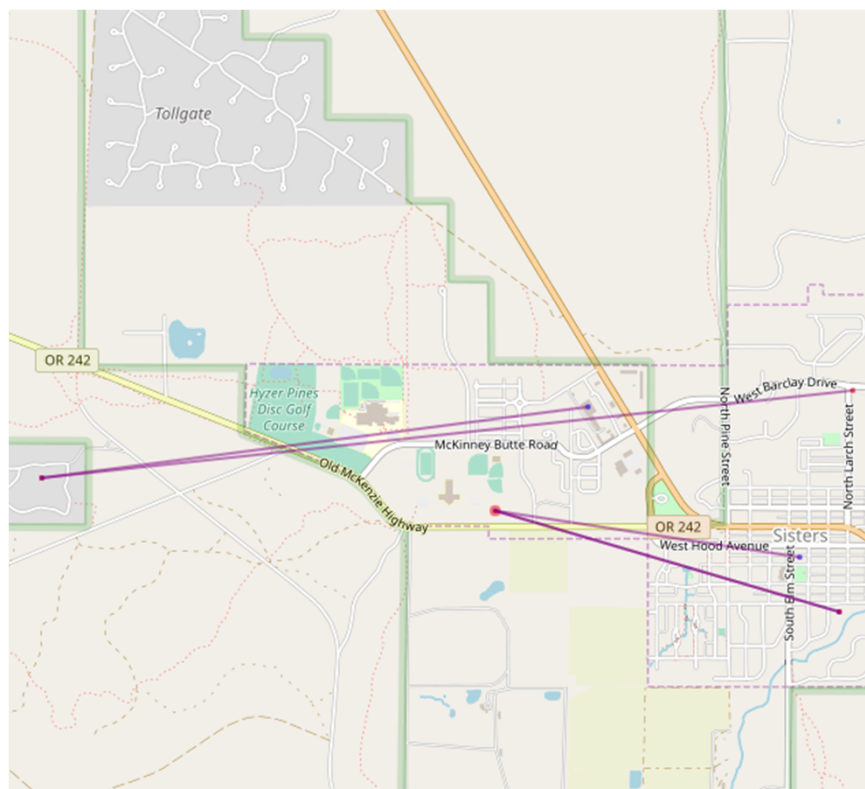


La Pine

Memo 1: Transit Service Assessment

CET Service Ridership

Rural Dial-A-Ride 2018 Trip Patterns – Origins & Destinations

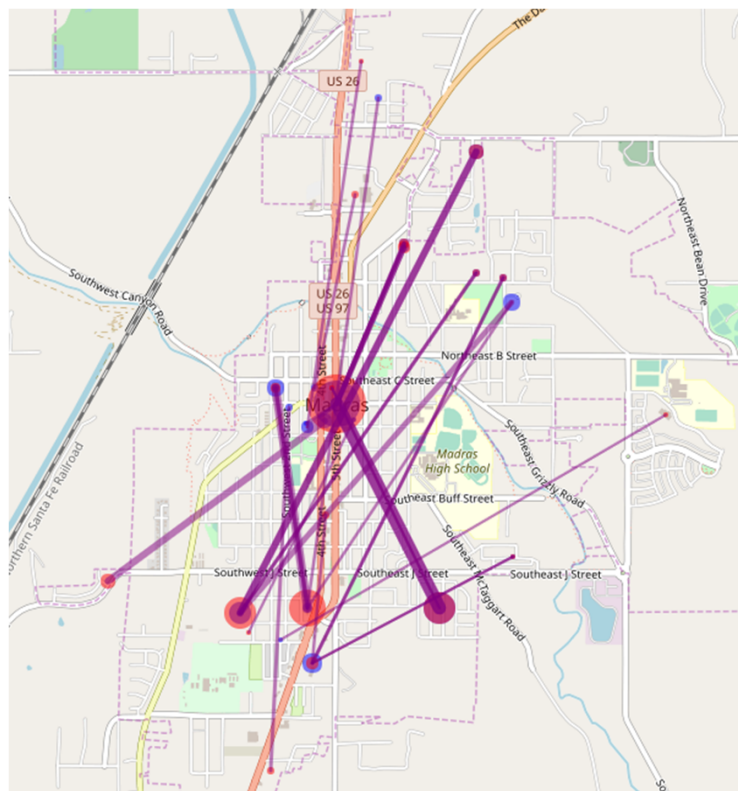


Sisters

Memo 1: Transit Service Assessment

CET Service Ridership

Rural Dial-A-Ride 2018 Trip Patterns – Origins & Destinations



Madras

Memo 1: Transit Capital Assets Analysis

Existing Capital Fleet Inventory

- **31** Light-Duty Transit Buses (25-30')
- **5** Medium-Density Transit Buses (30')
- **11** Heavy-Duty Transit Buses (30')
- **9** small Buses/Specialized Vans
- **14** Undefined Transit Vehicles

Potentially 11 transit vehicles partially or fully eligible for replacement

Existing Non-Revenue Fleet Inventory

- **6** non-revenue transit vehicles

Memo 1: Transit Capital Assets Analysis

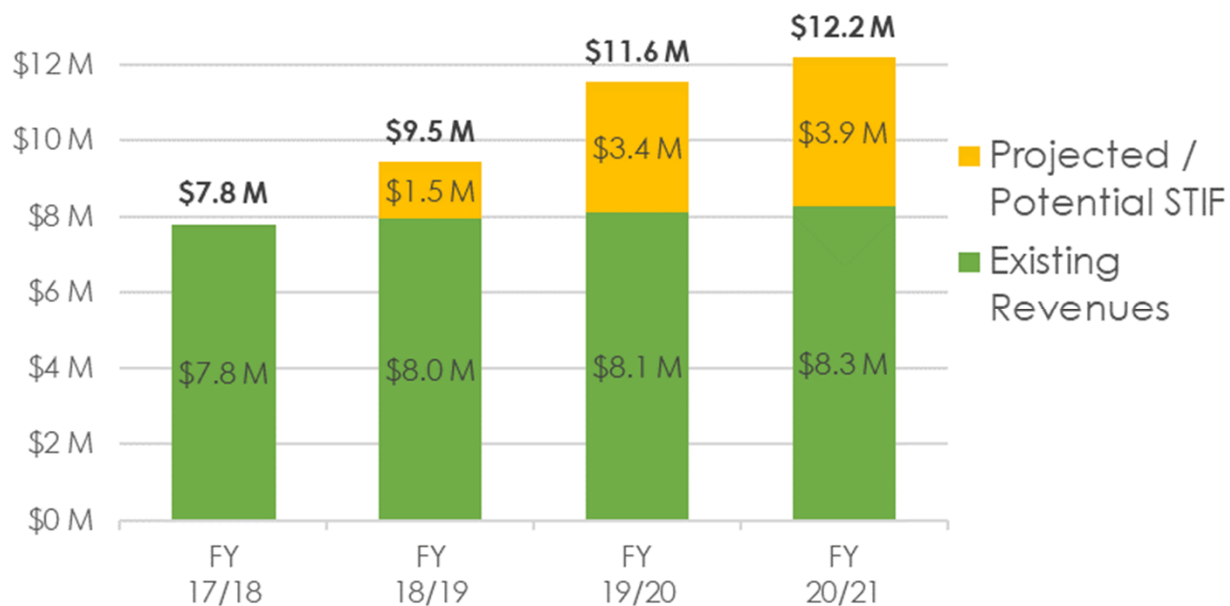
Operation and Maintenance Facilities

- **La Pine** – driver's office and vehicle (3) storage; shared with Deschutes County Sheriff's Office
- **Bear Creek Office (Bend)** – CET administration office, paratransit administration office, maintenance garage, and vehicle (40) storage
- **Redmond Office** – CET dispatch office, CET administration office, CET Ride Center, maintenance garage, and vehicle (18) storage.
- **Prineville Office** – driver's office and vehicle (3) storage; shared with Oregon Department of Education
- **Madras Office** – driver's office and vehicle (3) storage; shared with COIC WorkForce and DMV

Memo 1: COIC Transit Budget and Funding Source Analysis

New Funding Opportunities

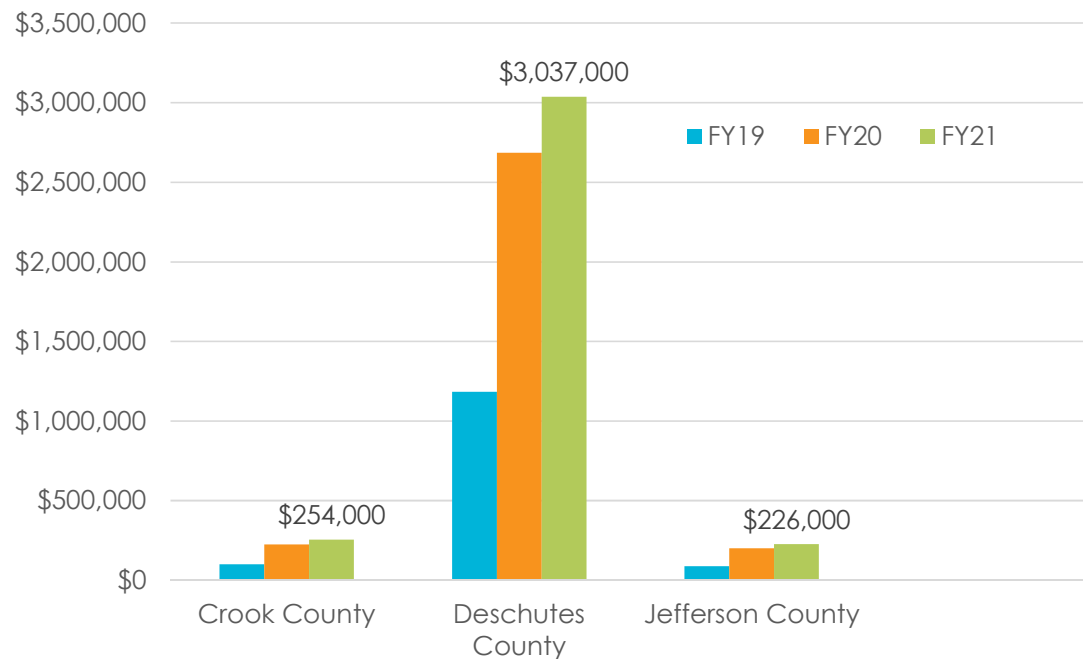
Future Operation Revenues with STIF




Memo 1: COIC Transit Budget and Funding Source Analysis

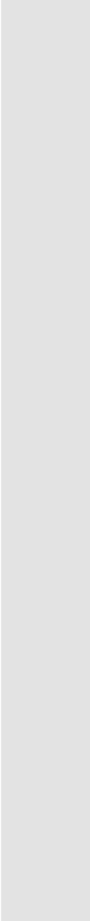
New Funding Opportunities

STIF Revenues by County





Memo 1: Existing Conditions

- Is there additional existing transit conditions information you think would be helpful for guiding the plan?
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Memo 2 – Planning Precedent

1

Regional
Plans

2

Local Plans

3

Regional
Vision and
Goals

Memo 2: Regional Plans

Transit-related regional plans having aspects relevant to CET's project objectives:

Central Oregon Regional Transit Master Plan (2013)

- Long-range plan intended for regional transit coordination

Central Oregon Strategic Transportation Option Plans (2013)

- Effort to determine optimal combination of transportation investments, including transit

Regional Coordinated Human Services Transportation Plan (2018)

- Required document for federal funds, including STIF through ODOT
- Intended to improve transportation services for protected populations

Bend MPO 2040 Metropolitan Transportation Plan (2014)

- Sets transit-related and transit-supportive goals and policies

Bend MPO Public Transit Plan and Transit Corridor Land Use Assessment (2013)

- Component of Bend MPO's MTP, City of Bend's Comprehensive Plan, and Bend's TSP
- Key regional plan for providing policy and project guidance

Memo 2: Local Plans

Local TSP's, and other plans, having aspects relevant to CET's project objectives:

Crook County

- 2017 TSP includes set of transit-related objectives
- High priority transit-specific projects and pedestrian projects improving connections to transit

Deschutes County

- TSP emphasizes rideshare/transit services and serving the transportation disadvantaged
- Refers to COIC's RTMP and Bend MPO's PTP for recommended projects

Jefferson County

- 2007 TSP includes some transit-support objectives and strategies focusing on senior, low-income, and disabled community members

Bend

- TSP Updated objectives support transit including ridership, transportation options, and environmental impacts
- Comprehensive Plan policies promote development that can be readily served by transit
- City's 2016 Integrated Land Use and Transportation Plan policies focus on designated transit corridors

La Pine

- TSP evaluation criteria for projects include access provided to regional transit
- Comprehensive Plan policies commit to collaborating to increase access to transit
- Transit-related projects address park-and-ride lots and additional service between La Pine and Bend

Memo 2: Local Plans

Local TSP's, and other plans, having aspects relevant to CET's project objectives:

Madras

- TSP objectives support regional transit, recommends potential transit projects regarding Community Connectors, and states the need for increased inter-city connections (i.e. between Madras and Prineville) and transit-supportive improvements (i.e. protected pedestrian crossings)

Prineville

- TSP objectives address transportation options for all users and impacts of transportation projects on minority and low-income populations
- Comprehensive Plan policies address transit specifically (i.e. shuttle buses for major employers, private inter- and intra-city transit services, and transit corridors)

Redmond

- TSP goals emphasize transportation options for transportation disadvantaged populations – ongoing TSP Update aims to provide north-south and east-west transit connectivity
- Comprehensive Plan policies focus on transit corridors, affordable housing near transit, and improved pedestrian and bicycle connections to transit
- 2009 Transit Master Plan studied feasibility of fixed-route service in the city

Sisters

- TSP policies emphasize transportation options for local and regional trips
- Comprehensive Plan policies address collaboration with regional jurisdictions to provide inter-city transportation and with Central Oregon Commute Options to implement its programming

Warm Springs

- Transportation Plan emphasizes maintenance funding and coordination with regional transit service providers; plan identifies on-reservation and inter-city transit service needs, including to Bend, Portland, Simnasho, and Government Camp

Memo 2: Regional Vision and Goals

VISION

Provide public transit choices for all users that are safe, accessible and efficient to support communities with a balanced transportation network needed for mobility, equity and economic growth.

GOALS

Develop and maintain a public transit system that is well integrated with local communities, planning documents, and partner agencies.

Provide convenient and attractive public transit choices for users throughout Central Oregon both within and between communities.

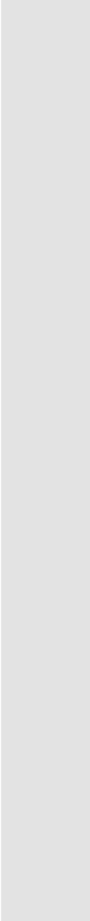
Make riding transit easy and comfortable with improved stop amenities and information about how to ride readily available to residents, employees, and visitors.

Enhance transit options to provide a time and cost competitive alternative to traveling by automobile and increase transit ridership while reducing automobile dependency.

Evaluate emerging technologies and transit service models and how they might be used to support transportation options in Central Oregon.



Memo 2: Planning Precedent

- Are there any missing local documents?
 - Do the Vision and Goals capture transit needs in Central Oregon?
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STIF Deadlines and Long- Term Plan

Public
Comment

10 Minutes

Next Steps

- Local TAC Meetings (late March)
 - In Person (6 locations and dates)
 - Topic: Short-Term Implementation Strategy
- Local Open Houses
 - Immediately following local TAC meetings
- Project Steering Committee Meeting #2 (RPTAC)
 - 4/3/19 (1:30 – 3:30)



Adjourn