

CITY OF WINSTON TRANSPORTATION SYSTEM PLAN

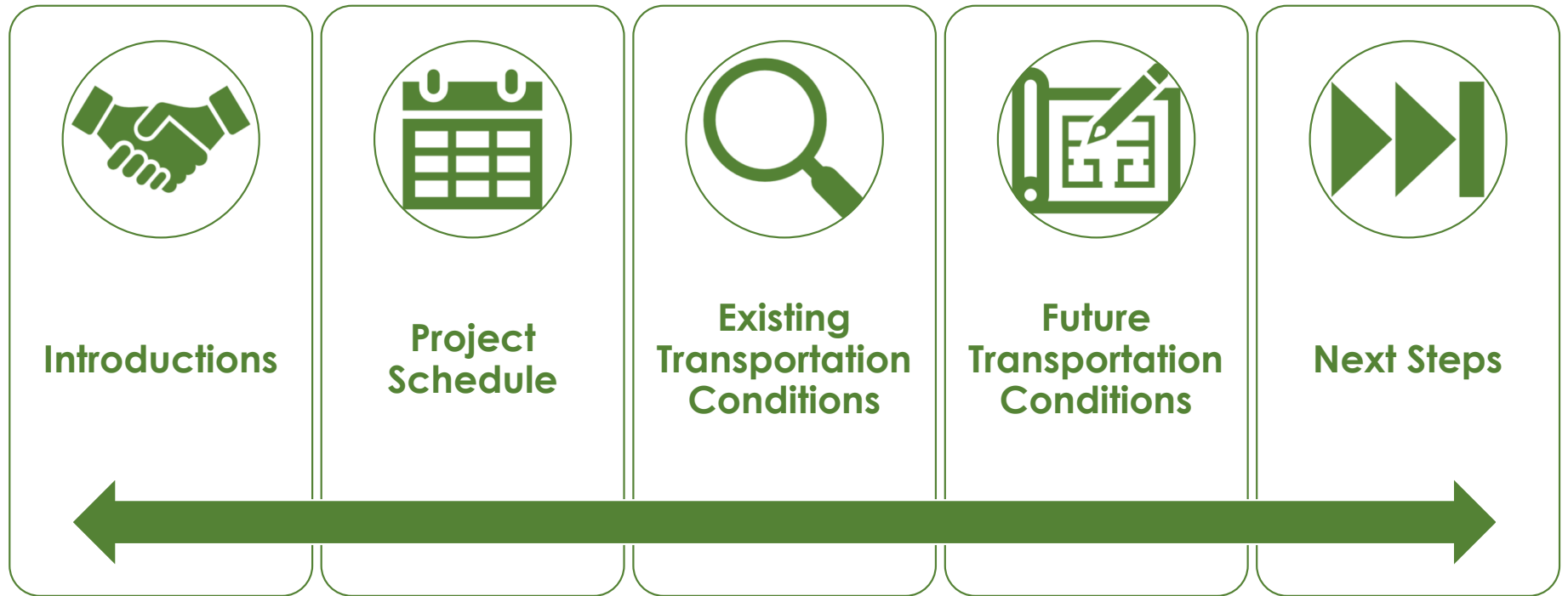
**Project Advisory Committee Meeting #2
April 19, 2022**



**K KITTELSON
& ASSOCIATES**



Meeting Agenda





Introductions



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& ASSOCIATES





Project Schedule



Project Schedule

Project Task	2021							2022											2023			
	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
1. Project Management	▶	☎	☎	☎		☎	☎	☎			☎		☎	☎	☎	☎	☎	☎	☎	☎	☎	☎
2. Stakeholder & Public Involvement		PICP 🌐		👥 ✉	OR#1 📄	OR#1 📄					👥				👥 👥	👥 ✉	OR#2 📄			👥 ✉	OR#3 📄	
3. Document Review & Goals			TM#1/2 📄		TM#1/2 📄																	
4. Existing & Future Conditions			TM#3 📄	TM#3 📄							TM#4/5 📄	TM#4/5 📄										
5. Develop & Evaluate Solutions											TM#6 📄	TM#6 📄			TM#7 📄	TM#7 📄						
6. Preferred Solutions & Funding Program																	TM#8/9 📄	TM#8/9 📄				
7. Prepare City TSP																				TSP/TM#10 📄	TM#10 📄	
8. City Plan Adoption																					TSP 📄	👥

Kick-Off Meeting ▶

PMT Meeting ☎

Project Website 🌐

PAC Meeting 👥

Press Release ✉

Outreach Milestone 🗿

Draft Deliverable 📄

Final Deliverable 📄

Coordination Meeting 🗿

Joint Work Session 🗿

Adoption Hearing 👥

Upcoming
PAC
Meetings

We Are
Here

Kick-Off Meeting
 PMT Meeting
 Project Website
 PAC Meeting
 Press Release
 Outreach Milestone
 Draft Deliverable
 Final Deliverable
 Coordination Meeting
 Joint Work Session
 Adoption Hearing



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Existing Transportation Conditions



Existing Transportation Conditions

**Lands and
Population**



Bridges



**Streets and
Intersections**



**Air, Rail, and
Pipelines**



**Multimodal
Services and
Facilities**



Public Input



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Streets and Intersections

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Streets and Intersections

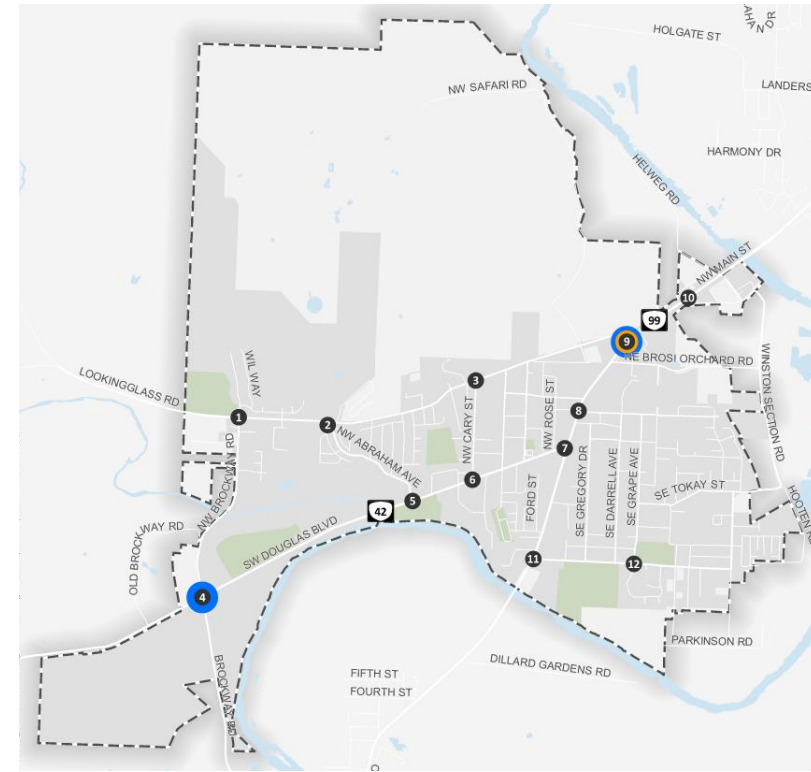
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Existing Transportation Conditions

Streets and Intersections

- Intersection operations: no capacity constraints, but **high side-street delay** at OR 42 / Lookingglass Road
- Intersection crash history: **safety conflicts** at OR 42 / Lookingglass Road and OR 42 / Brockway Road



Multimodal Services and Facilities

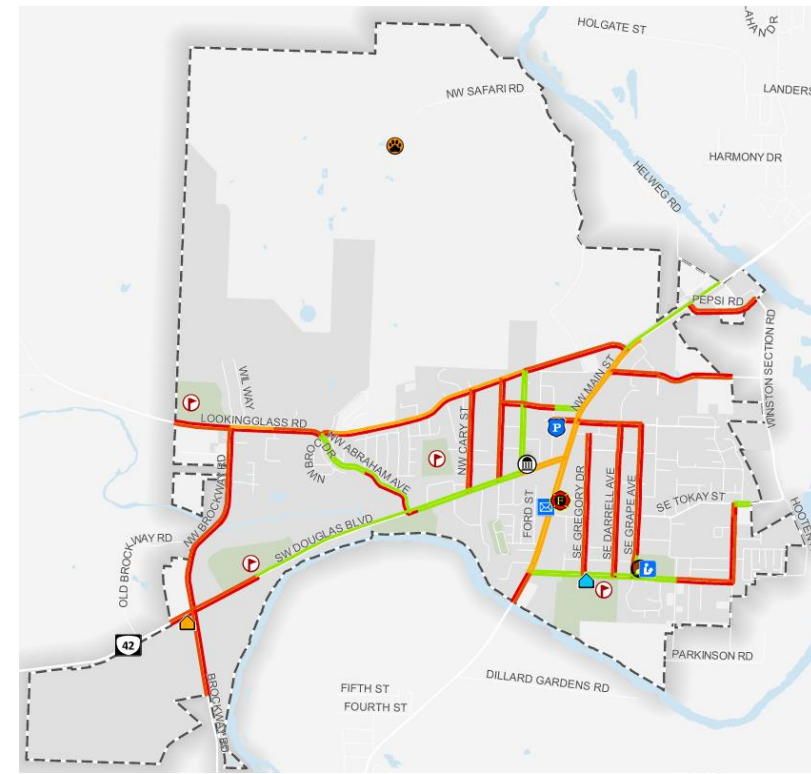
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Existing Transportation Conditions

Multimodal Services and Facilities

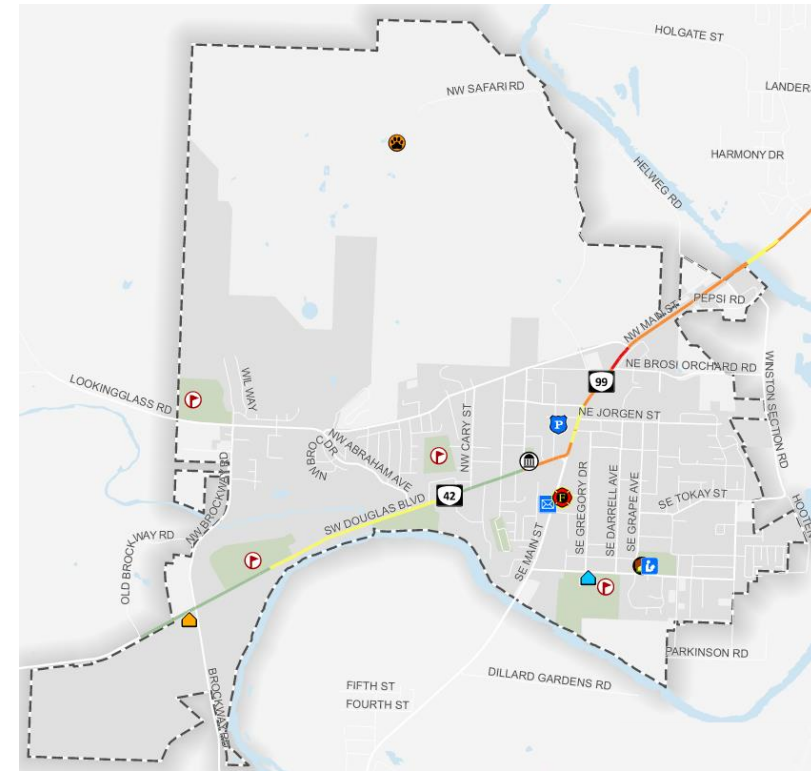
- Many streets have Pedestrian Level of Traffic Stress (PLTS) scores higher than 2
 - **PLTS 1:** little to no traffic stress for pedestrians
 - **PLTS 2:** little traffic stress for pedestrians
 - **PLTS 3:** moderate traffic stress for pedestrians
 - **PLTS 4:** high traffic stress for pedestrians



Existing Transportation Conditions

Multimodal Services and Facilities

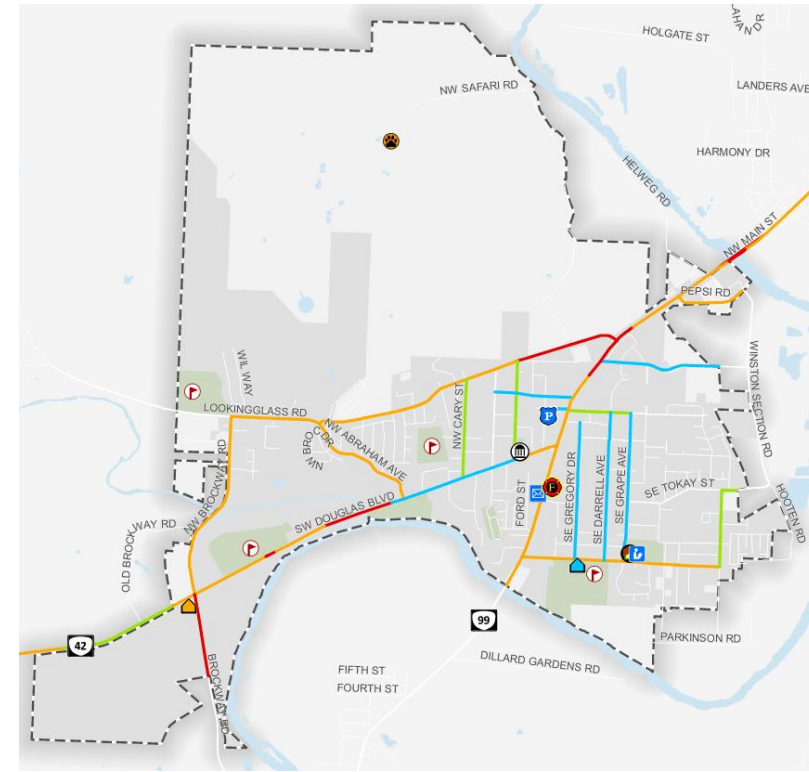
- Pedestrians are at highest risk of being in a vehicle crash on OR 42 between Sherry Street and eastern UGB boundary
 - **Highest safety risk**
 - **Second highest safety risk**
 - **Third highest safety risk**
 - **Lowest safety risk**



Existing Transportation Conditions

Multimodal Services and Facilities

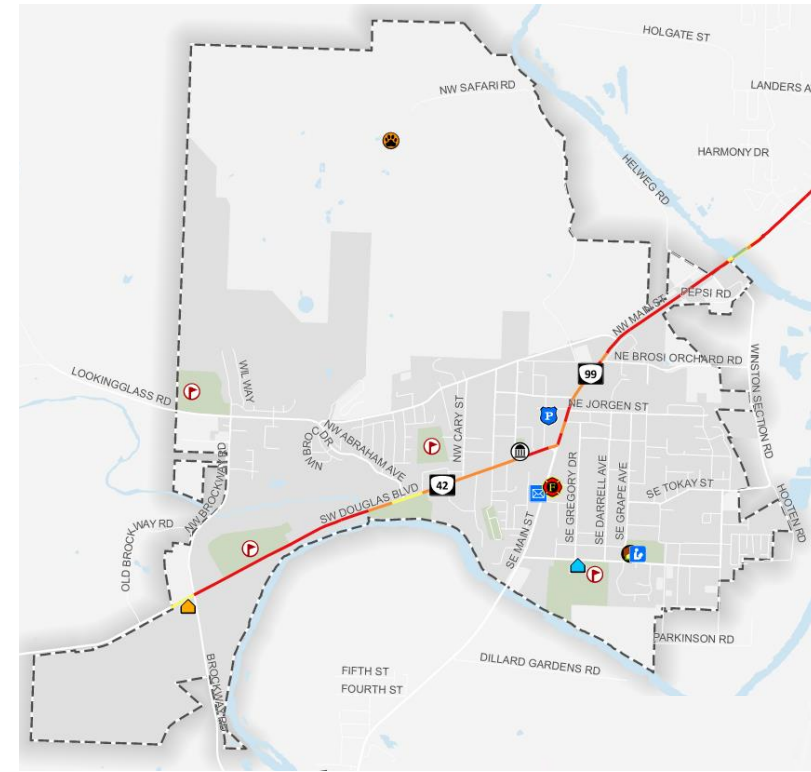
- Many streets have Bicycle Level of Traffic Stress (BLTS) scores higher than 2
 - **BLTS 1:** little to no traffic stress for cyclists
 - **BLTS 2:** little traffic stress for cyclists
 - **BLTS 3:** moderate traffic stress for cyclists
 - **BLTS 4:** high traffic stress for cyclists



Existing Transportation Conditions

Multimodal Services and Facilities

- Most of OR 42 shows high risk of cyclists being in a vehicle crash
 - **Highest safety risk**
 - **Second highest safety risk**
 - **Third highest safety risk**
 - **Lowest safety risk**



Existing Transportation Conditions

Multimodal Services and Facilities

- UTrans connects public transportation riders in Winston to Roseburg, Canyonville, and other areas in Douglas County via the **Greyline** and **Route 99** (weekdays and Saturdays)
- Coos County Area Transportation District connects riders to Roseburg and Coos Bay via the **Roseburg Express** (Tuesdays/Wednesdays)



Existing Transportation Conditions

Multimodal Services and Facilities

- 1/2-mile walk shed around Winston **bus stops** captures most population
- **Bus stop** amenities are limited (including signs)
- Only formal park and ride facility is in Myrtle Creek



Existing Transportation Conditions

Bridges

- 2 bridges identified for reviewing Special Haul Vehicle (SHV) loads (i.e., dump trucks, construction vehicles)
- 4 bridges are Scour Critical bridges
- 1 bridge has a Sufficiency Rating below 50



Existing Transportation Conditions

Bridges

- Sufficiency Ratings (SR)
 - **SR > 80** indicates adequate or good bridge condition
 - **SR 50-80** indicates fair bridge condition (rehabilitation would be beneficial)
 - **SR < 50** indicates poor bridge condition (eligible for replacement)



Existing Transportation Conditions

Air, Rail, and Pipelines

- **Roseburg Regional Airport** in Roseburg is closest general aviation airport to Winston; **Rogue Valley International-Medford Airport** in Medford is closest international airport
- **No rail transportation** within study area; closest railroad is Central Oregon & Pacific Rail (CORP) east of Winston along the South Umpqua River
- Northwest Pipeline LLC operates a **natural gas transmission pipeline** east of Winston from Grants Pass to Eugene that connects to Roseburg Forest Products in Dillard



Existing Transportation Conditions

Public Input

- Online commenting map available in September 2021
- In-person open house on September 29 at Winston Community Center
- 28 different needs identified; many validate technical findings



Existing Transportation Conditions

Public Input

- Safety Needs
 - Reduced posted speeds along bike lanes
 - Speed enforcement for Winston Section Road
 - Speeding/blind intersections and corners along Abraham Ave
 - Traffic signals at OR 42 / Lookingglass Rd and OR 42 / Abraham Ave
 - Speed transition zone for OR 42 (Pepsi Rd to Lookingglass Rd)
 - All-way stop control at Thompson Ave / Grape Ave (sight distance issues caused by grade)
 - High crash locations: OR 42 / Brockway Rd, OR 42 / Lookingglass Rd, Lookingglass Rd / Brockway Rd, Main St / Thompson Ave, OR 42 / Main St
 - Tumlin Ave is substandard; safety conflicts between school kids and buses/vehicles
 - Tokay St is substandard road near Shigley St; safety concern for elderly residents
 - General citywide speeding concerns (safety for people walking and biking)



Existing Transportation Conditions

Public Input

- Vehicular Needs
 - Freight loading/unloading logistics along OR 42 and Main St (OR 99)
 - Electric charging stations within Winston
 - High congestion on OR 42 near Pepsi Rd
 - Poorly maintained streets: Shigley St, Hall St, Edgewood St, Johnson St, and Woodland Dr
 - Traffic signal at OR 42 / Helweg Rd



Existing Transportation Conditions

Public Input

- Pedestrian and Bicycle Needs
 - Walking / biking facilities near vineyards
 - Multiuse paths along new roads and South Umpqua River
 - Access / connection from Winston Section Road to multiuse path north of OR 42
 - Enhanced crossing features at intersections for OR 42 multiuse path
 - More bike lanes
 - Marked crossing at Thompson Ave / Edgewood St for Senior Center
 - E-bike integration
 - Rules of the road for motorized bicycles on multiuse paths
 - General road maintenance needs (tripping hazards)



Future Transportation Conditions



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Future Transportation Conditions

**Baseline Traffic
Conditions**



**Safety and
Multimodal
Conditions**



**Solutions
Development and
Evaluation
Framework**



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Baseline Traffic Conditions

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Future Transportation Conditions

Safety and Multimodal Conditions

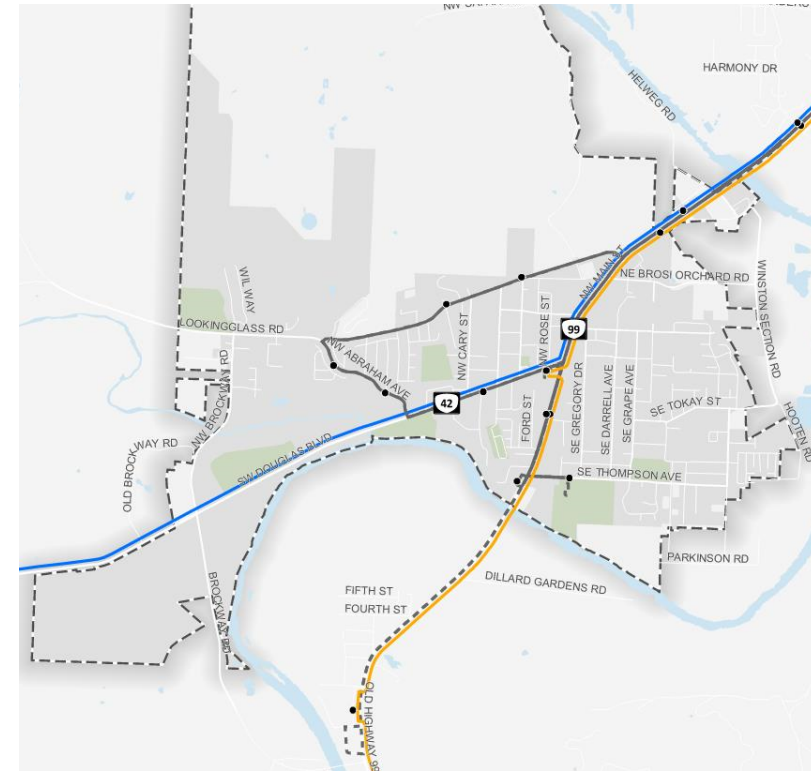
- Identified **existing safety, pedestrian, and bicycle conditions** expected to worsen over time with increasing traffic volumes and if no changes are made to the transportation system
- Ongoing **Umpqua Public Transportation District (UPTD) Transit Plan** team has developed **draft recommendations** to modify existing transit service within Winston



Future Transportation Conditions

Safety and Multimodal Conditions

- **Greyline (Roseburg to Winston)**
 - Near-term: frequency increased to 30 minutes
 - Mid-term: current route extended to Dillard
- **Route 99 (Roseburg to Canyonville)**
 - Mid-term: service expanded to 7 days/week
- **Roseburg Express (Roseburg to Coos Bay)**
 - Mid-term: service expanded to 2 trips/day (2 days/week)
 - Unconstrained: service expanded to 2 trips/day (4 days/week)



Future Transportation Conditions

Solutions Development and Evaluation Framework

- **Needs will be informed by** technical analyses and feedback from PAC, PMT, and Open House
- **Key preliminary screening questions** for potential solutions include:
 - Does solution address need, deficiency, or opportunity?
 - Is solution within/applicable to study area?
 - Is solution feasible to implement/construct?
 - Can solution be reasonably funded within next 20 years?



Future Transportation Conditions

Solutions Development and Evaluation Framework

- **Ratings for solutions that pass** preliminary screening include (based on Goals and Objectives from Tech Memo #2):
 - Solution addresses criterion/makes substantial improvement (●)
 - Solution partially addresses criterion/makes some improvement (◐)
 - Solution does not support criterion/causes negative impact (○)
 - Solution does not apply to criterion/has no influence (⊗)



▶▶ Next Steps



Next Steps

