SMALL COMMUNITY TRANSPORTATION SYSTEM PLANNING WITH DECREASING TRAFFIC VOLUMES

Cottage Grove, Oregon
Transportation System Plan Update

2016 ITE Western District Meeting
ABOUT COTTAGE GROVE
Facts

- Population ~ 10,000
- Downtown National Historic District
- All-American City Award
- Covered Bridge Capital of Oregon
Recreation
Toga!
TSP OVERVIEW
**What is a TSP?**

- **Long-range (20 year) Plan**
- **Guides transportation investments**
- **Identifies multimodal projects that expand or improve the transportation system**
- **Coordinated with state, county, local plans**
Why is a TSP **Important**?

- Smarter investment decisions
- Positioning for competitive grant applications
- Standards and requirements provide guidance during development review
- Reflects community vision
- Required by state
Technical Process

1. Review state, regional, and local regulations, policies, and plans
2. Inventory the Existing Transportation System
3. Identify Deficiencies in the Existing Transportation System
4. Forecast Traffic Growth for the Planning Horizon Year
5. Identify Deficiencies in the Future Transportation System
6. Forecast Reasonable Funding through the Planning Horizon
7. Develop and Evaluate Solutions to Address Needs
8. Develop Draft TSP & Implementation Ordinances
9. Adoption

2016 ITE Western District Meeting
Financi ally Constrained Plan

- TSP must identify priority solutions list that reflects reasonable funding estimate through 2035
- Consider costs to maintain and operate
- No new revenues or increases identified
- $11.5M estimated based on historical revenues & expenses
Must Address Many Objectives

- Support growth areas (SDC $)
- Enhance transportation system (grant $)
- Multi-modal (state gas tax $)
- Assumes developer contributions
- Priorities informed by multi-modal evaluation and public input
WHAT CHANGED?
What has changed in Cottage Grove?

- Update 2008 TSP (horizon year of 2025)
- Expanded UGB
- Revised growth expectations
- Constructed transportation improvements (e.g., reconstruct OR 99@ Main Street, new traffic signals)
New Information

- New crash data
- Traffic volumes decreased 10 to 30% from 2006 to 2014
- More reasonable traffic forecasts for 2035
- Congestion: from six deficient intersections in 2025 to zero in 2035
- City chose to turn down dedicated funding for intersection capacity improvement
INSTEAD OF MORE CAPACITY
Roadway Issues

- Safety hot spots
- OR 99 north of Woodson Br.
- Connectivity
- Railroad operations
- Support Main Street Refinement Plan
Roadway Projects

- Roadway conversion
- Street connections (esp. developing areas)
- Streetscape improvements
- Access management
- Roadway modernization (sidewalks, shoulders, safe design)
- Intersection control
Pedestrian Issues

- Safety on OR 99 & CGC
- Sidewalk gaps
- Limited crossing opportunities along barriers
- Lack connections to south
- Safe routes to school
Pedestrian Projects

- Safer crossings
- Sidewalk in-fill on collectors and arterials
- Multi-use trail connections
- Routing signage
- Prioritize sidewalks school routes
Bicycles Issues

- Bike lane continuity
- Bike parking
- Support “Biking in the Grove”
- Well-defined routes
- Safe crossings
- Connect to UGB expansion areas
Bicycle Projects

- Designate bike paths (shared use, signing)
- Bike lanes
- Safer trail crossings
- Bike parking
- Intersection bike treatments
FOCUS AREA:
I-5 CONNECTOR & OR 99
Interchange & Connector
OR 99 Improvements

- Roadway conversion (4 lanes to 3+)
- Roundabout at CG Connector intersection
- Geer Avenue crossing (RRFB)
- Sidewalk infill
- ADA ramps
- Bike treatment at Woodson Bridge Intersection
- Access management (driveways)
Active Transportation Connections

- Connector Bridge widening ($)
- Sidewalks on CG Connector
- Bike/ped bridge adjacent to Woodson Br.
- Reconstruct OR 99 to north to include sidewalk extension and bike lane/shoulder
- Alternative route signing to downtown
  - Pedestrian alternative to CG Connector bridge
  - Bicycle alternative to 3-lane OR 99
ODOT STIP “Enhance” Grant Application ($3M)
TSP Solutions

- Improve safety (e.g., OR 99 near Connector)
- Expand bike/ped transportation network
- Enhance recreational opportunities
- Identify new connections to support growth
- Support Historic Downtown
- Prioritize SRTS sidewalks
CONSIDERATIONS FOR SIMILAR COMMUNITIES
Considerations

• Reflect top community priorities
• Focus on safety, access, and connectivity
• Plan for a complete multi-modal system
• Identify short-term priorities that are implementable
• Find projects that meet multiple objectives
• Scalable project lists can help position cities for competitive funding opportunities
What **should** a TSP Do?

- Support the community vision
- Support legitimate travel choices
- Serve all people in community
- Promote safe and secure travel
- Support local and state economy
- Minimize impacts to natural and built environment