

A photograph of a residential street in East Portland. A cyclist is riding away from the camera on a paved road. To the left, a red car is parked on the side of the road. A white picket fence runs along the right side of the road. The street is lined with trees, including a prominent pink flowering tree. The overall scene is a typical suburban neighborhood.

East Portland in Motion

A Five-Year Implementation Strategy for Active Transportation

***Report to City Council
Wednesday, April 18, 2012***

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- 5-year implementation strategy to improve conditions for:
 - Walking
 - Bicycling
 - Access to transit

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EPIM Concept

- Start with known universe of capital projects + likely universe of funding
- Identify strategy for completing projects where they will do the most good



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Beyond capital projects



- Recommends expanding programs that encourage active transportation

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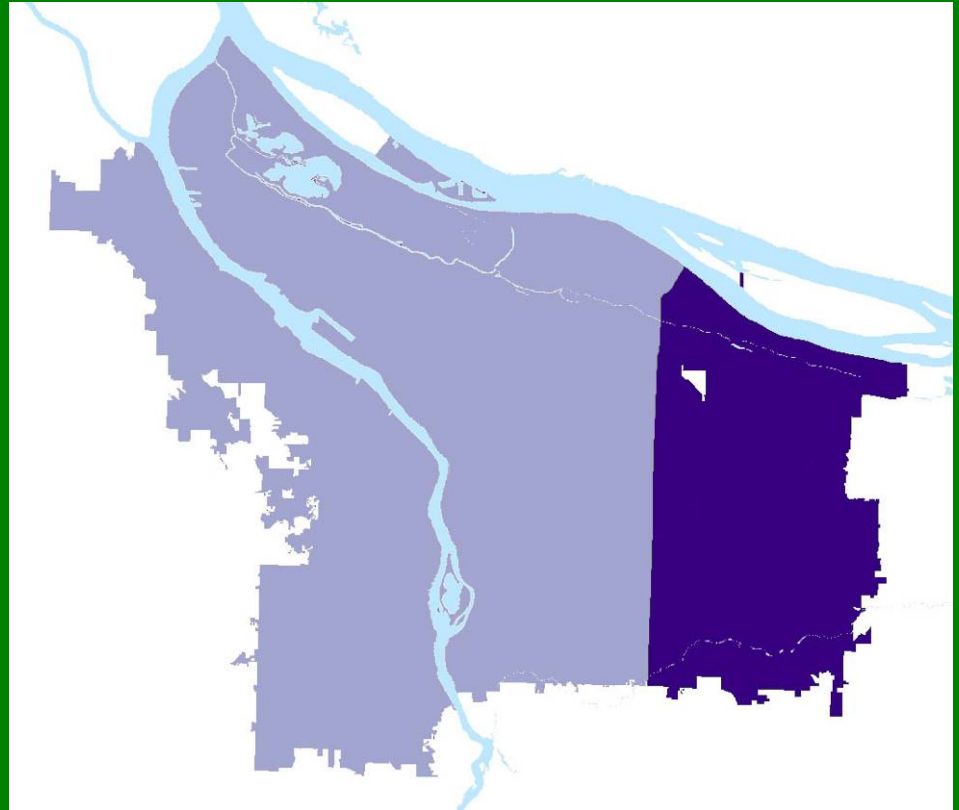
Origins of EPIM

- Portland Bicycle Plan for 2030
- Sidewalk infill: \$8M for East Portland
- TriMet: safer access to transit
- The Portland Plan process
- Communities Putting Prevention to Work grant (Multnomah County)

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EPIM study area

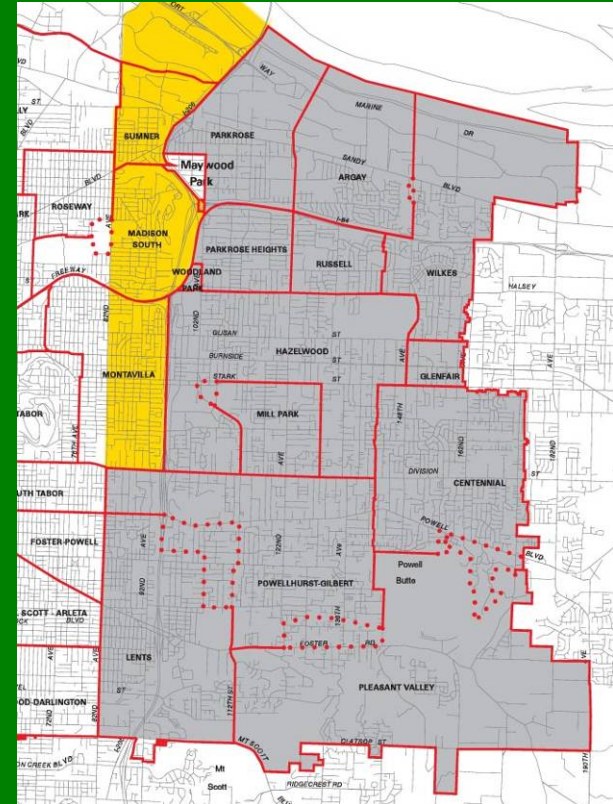
- East of 82nd Avenue to City boundaries



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EPIM study area

- East of 82nd Avenue to City boundaries
- Includes all 13 East Portland Neighborhood Associations (EPNA), plus parts of 3 others



Study Area Community

- 165,000 residents
- 28% of Portland population
- 38% of Portland school children
- 33% of Portland older adults
- 33% non-white (whole city: 25%)
- 25% ESL (whole city: 17%)
- 6 school districts



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A photograph of a residential street. In the foreground, a white bicycle symbol is painted on the asphalt. A cyclist in a blue shirt and light-colored shorts is riding away from the camera. A red car is parked on the left side of the road. The street is lined with lush green trees and a white picket fence on the right. The text "Challenges and opportunities" is overlaid in the center in a bold, green, italicized font.

***Challenges and
opportunities***



Lack of sidewalks



Wide arterials



High-stress bikeways



Unimproved streets



Lack of connectivity



Auto-oriented design

Opportunities

- 3 light rail lines
- High ridership bus lines (#72, #4)
- 24 miles of trails
- Generally flat topography



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Process for setting priorities

SOURCES

PLANNING PROJECTS

- Portland Bicycle Plan for 2030
- Transportation System Plan
- East Portland Action Plan
- 122nd Ave Pilot Project
- TriMet Ped Network Analysis

NEIGHBORHOOD PRIORITIES

- N.A. requests thru EPNA LUTC
- EPAPbike recommendations
- URA priorities
- 823-SAFE

GIS ANALYSIS

- Sidewalk gap analysis
- Crossing gap analysis

CRITERIA

INITIAL FILTERS

- PBOT-controlled facilities
- Available funding
- 5-year time frame
- Sidewalks: new/infill
- Sidewalks: arterial or ped district
- Crossings: 3+ lane arterial
- Bikeways: bike plan

COMMUNITY INPUT & ANALYSIS

- Committee endorsements
- Public voting & surveys
- Demographic/equity analysis
- Accessibility analysis
- Connectivity analysis
- Leverage opportunities

RECOMMENDATIONS

SIDEWALK INFILL PROJECTS

CROSSING IMPROVEMENTS

BICYCLE PROJECTS

- Neighborhood greenways
- Separated in-roadway bikeways
- Bike parking

TRAIL PROJECTS

- Regional trails
- Local accessways & bridges
- Crossing enhancements

PLANNED ROAD PROJECTS

PROGRAMS

Process for reporting priorities

- Public review draft report issued September 14, 2011
- Comments received through November 10, 2011
- Report revised to incorporate public comments
- Planning and Sustainability Commission briefing on February 12, 2012
- Submit final report to City Council today

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A photograph of a residential street. In the foreground, a white bicycle symbol is painted on the asphalt. A person wearing a blue shirt and a backpack is riding a bicycle away from the camera. To the left, a red car is parked on the side of the road. The street is lined with lush green trees and houses. A white picket fence is visible on the right side. The sky is overcast.

***Community
Involvement***

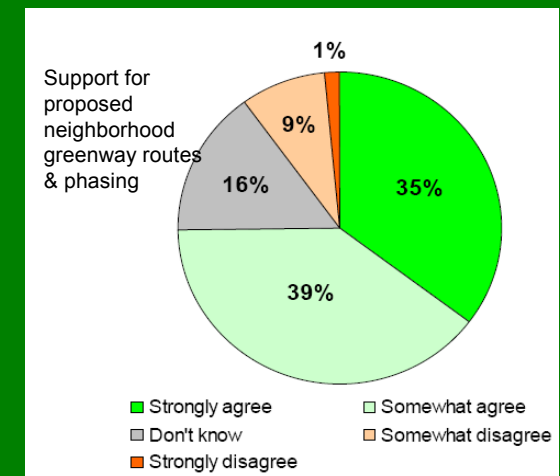
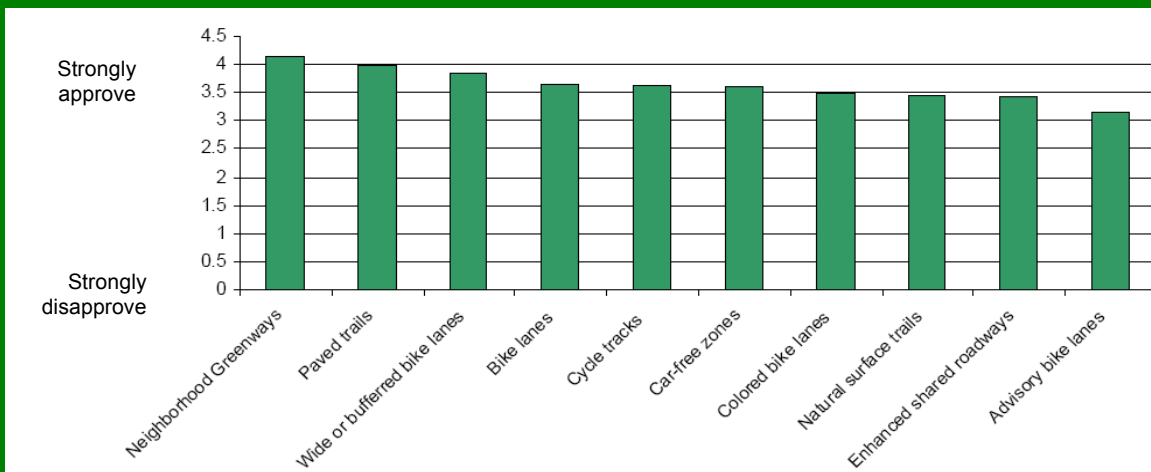
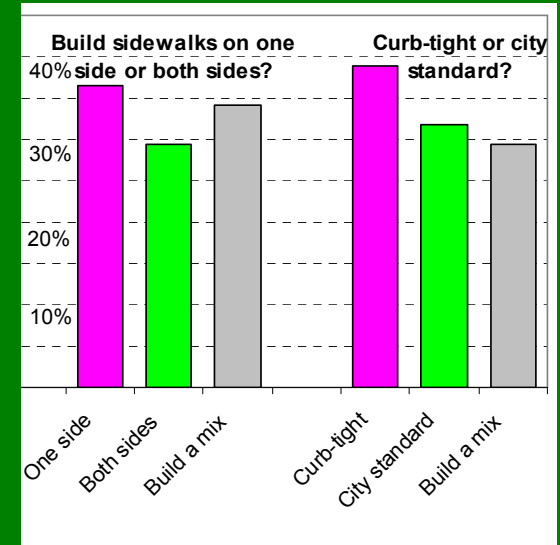
- Community partner advisors
 - East Portland Land Use and Transportation Committee (EPLUTC)
 - EPAPbike
- “Stations” at community events
 - Sidewalk & Bicycle Priority Survey
 - Sidewalk voting
- Collaboration with PSU
 - Individual stakeholder interviews
 - Travel behavior/opinion survey
 - Group interviews with under-represented communities



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Community Involvement

- Major themes:
 - Access to transit is critical
 - Safety of children
 - Build a mix of sidewalk types
 - Low-stress bikeways favored

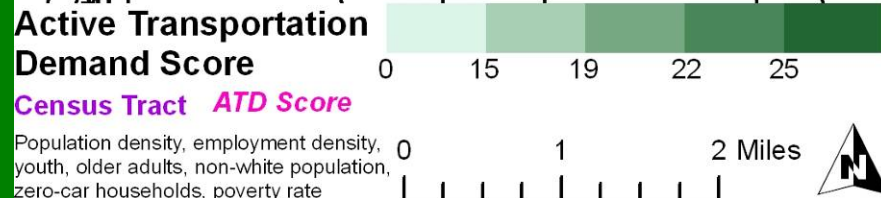
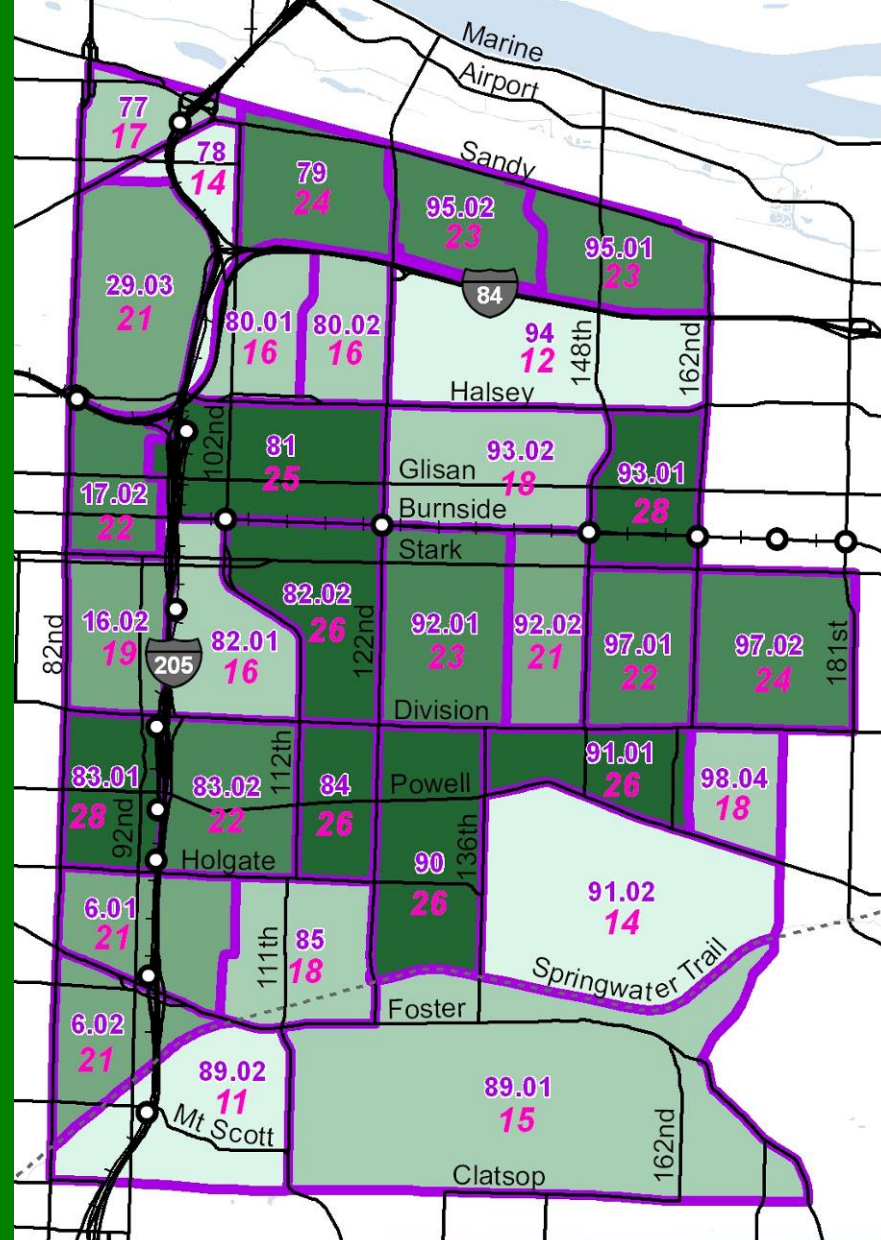


Analysis



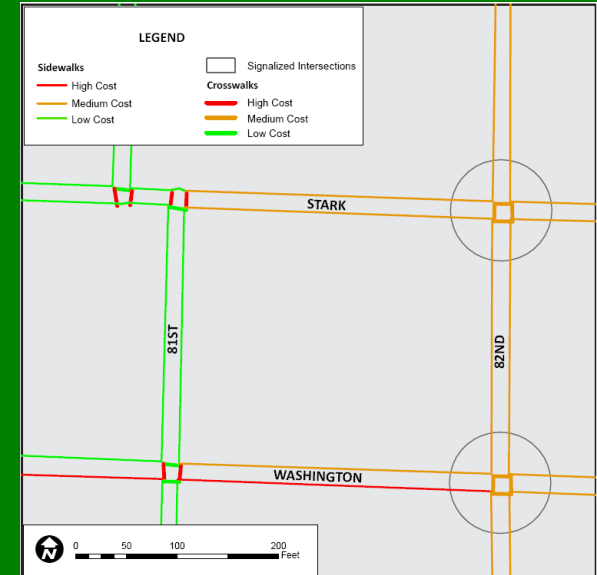
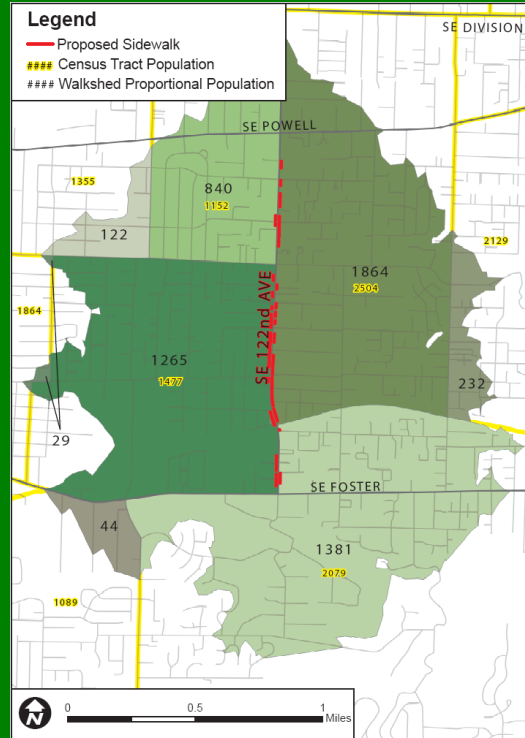
Zonal Analysis

- “Active Transportation Demand” scores
- Top scoring areas:
 - Glenfair
 - Powellhurst-Gilbert
 - Northern Lents
 - Mill Park

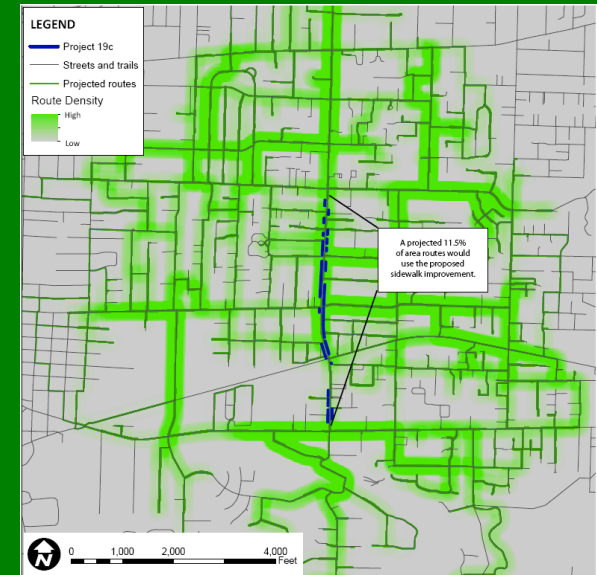


Network Analysis

- Show which projects will increase:
 - Accessibility
 - Connectivity
- WPC/PSU “GIS Jam Session”
- Validates SE 122nd Ave project



Liz Paterson / CJ Doxsee



Recommendations



Sidewalk Infill

- 21 projects
- More than six miles of sidewalk gaps filled
- ‘Type 1’ projects (existing curb & storm)
 - SE 122nd Ave Complete & Green Main Street
 - SE Division St: all missing sidewalks
 - SE Stark St: all missing sidewalks
 - SE 162nd Ave: Stark – Powell
 - SE 160th Ave: Burnside – Stark
- ‘Type 2’ projects (curb & storm not present)
 - SE 136th Ave: Powell – Holgate
 - NE Prescott St: 102nd – 122nd
 - SE Holgate: 122nd – 136th sidepath



Crossing Improvements

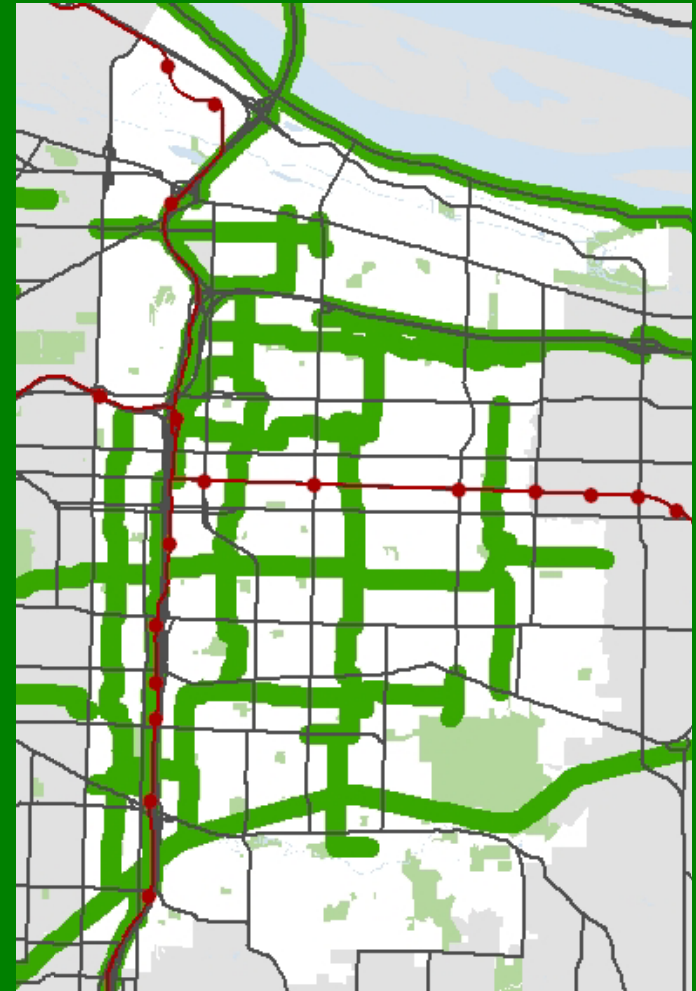
- Safer access to transit
- 56 projects
- Some as part of sidewalk or greenway projects
- Design/magnitude will vary
- Highlights:
 - SE Division St: 13 crossings
 - SE 122nd Ave: 10 crossings
 - SE Stark St: 6 crossings
 - NE Halsey St: 4 crossings



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Neighborhood Greenways

- 9 greenways
- 29 new miles (adding to 8 already constructed)
- Mill-Main Greenway
- 130s Greenway
- Major elements:
 - Arterial crossings
 - Traffic calming



Low-stress bikeways: FUTURE

Other Bicycle Projects

- Bike lanes:
 - NE Prescott: 81st – 121st
 - NE Glisan: 148th – 162nd
 - SE Division: I-205 – 130th
 - SE Cherry Blossom / 112th
- Bike parking:
 - 3 Bike & Rides at MAX
 - Bike parking in traditional business districts
 - Bike & Shop pilot project



Trail Recommendations

- Sullivan's Gulch
- Gateway Green Parkrose Access
- Ikea Trail
- Collaborate with Portland Parks & Recreation and Metro on:
 - Cross Levee Trail
 - Scouter Mountain Trail



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Roadway Improvement Projects

Support for non-PBOT projects that provide multi-modal benefits

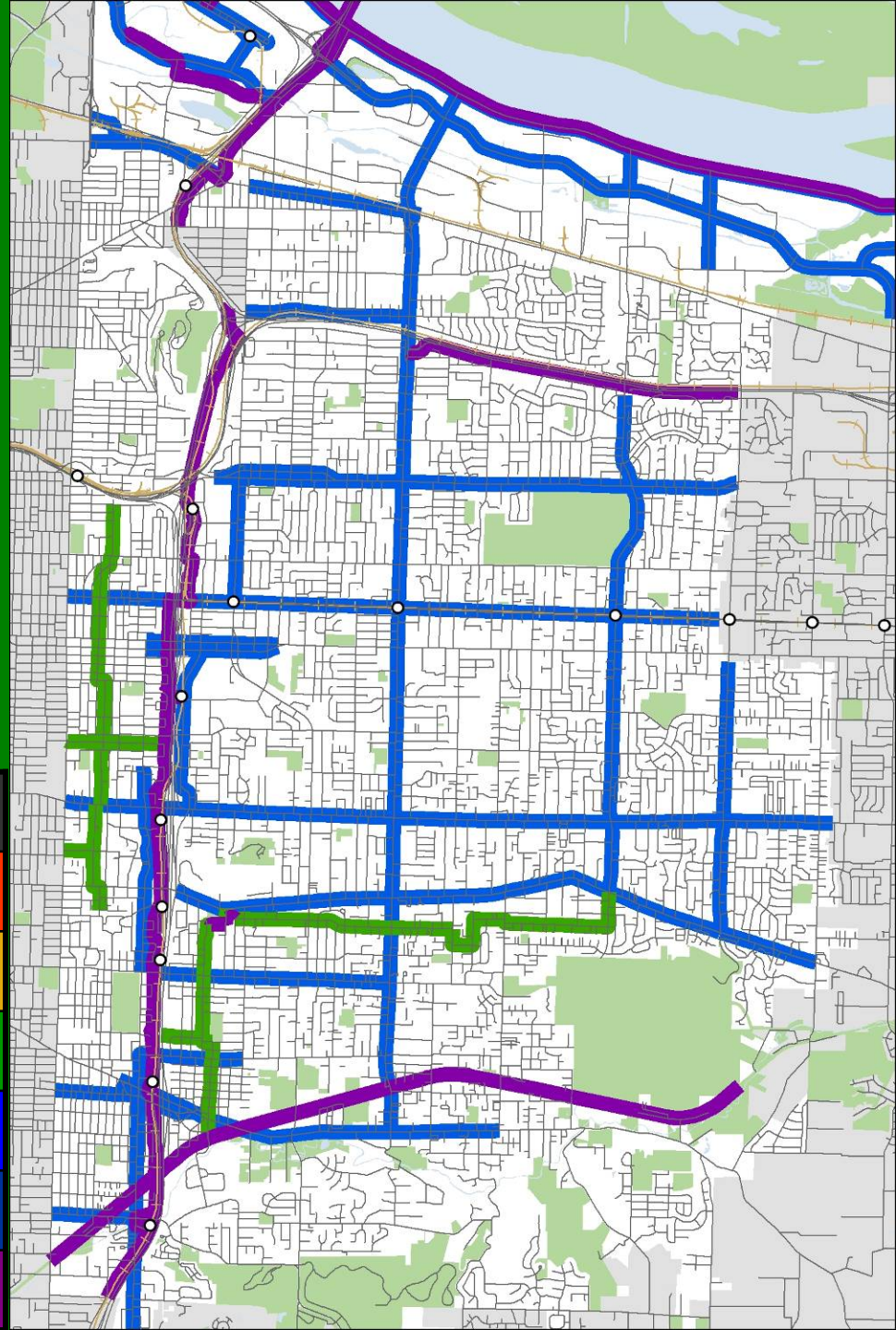
- 102nd Ave Streetscape
- Foster/ Woodstock/ Ramona Streetscape
- NE Sandy Blvd: 122nd – 141st
- Outer Powell Conceptual Design Plan
- Local Improvement Districts
- Gateway street development
- Foster-Lents Integrated Partnership



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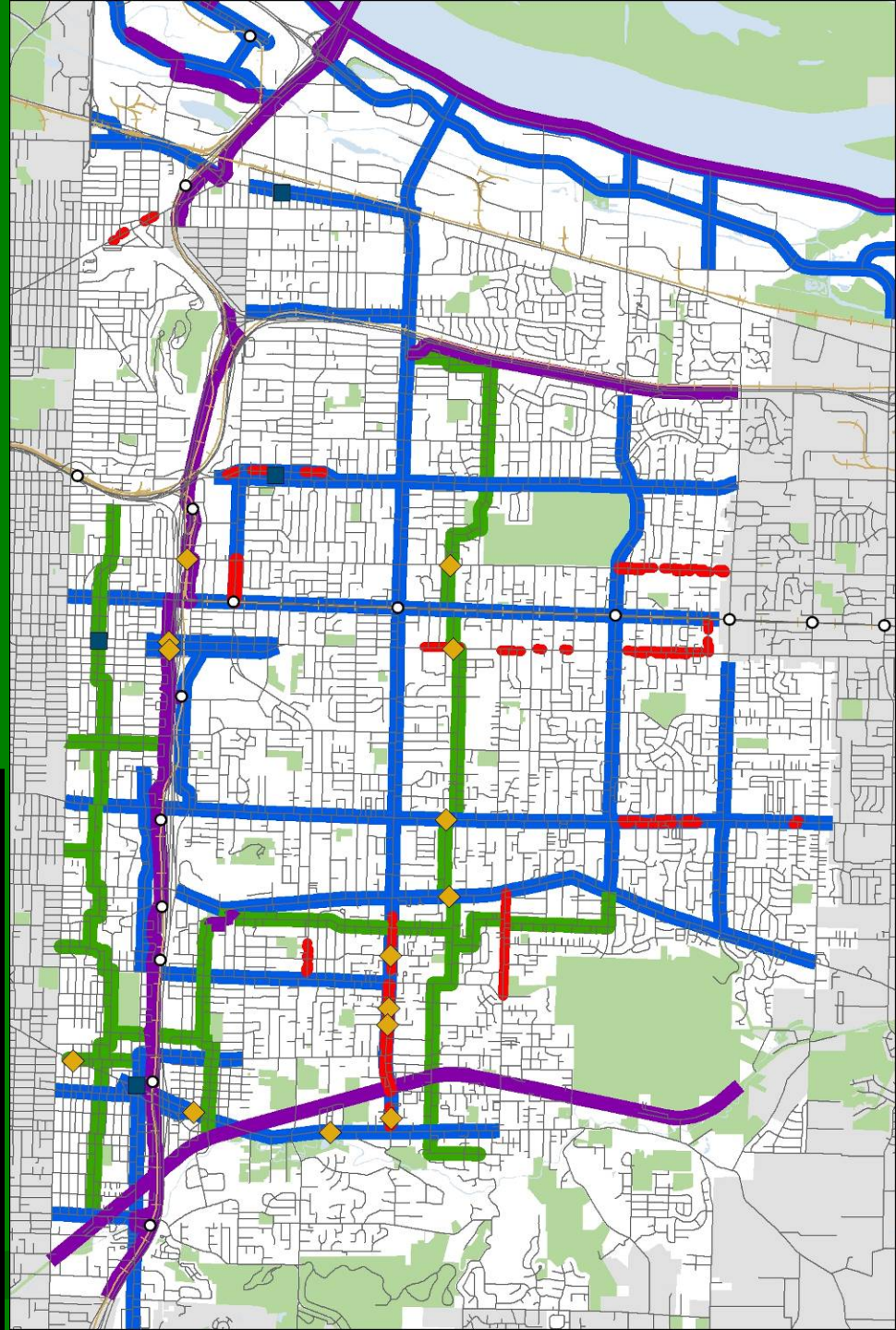
Current network (bikeways)

KEY
Sidewalks
Crossings
Neighborhood Greenways
Bike lanes
Bike parking
Trails



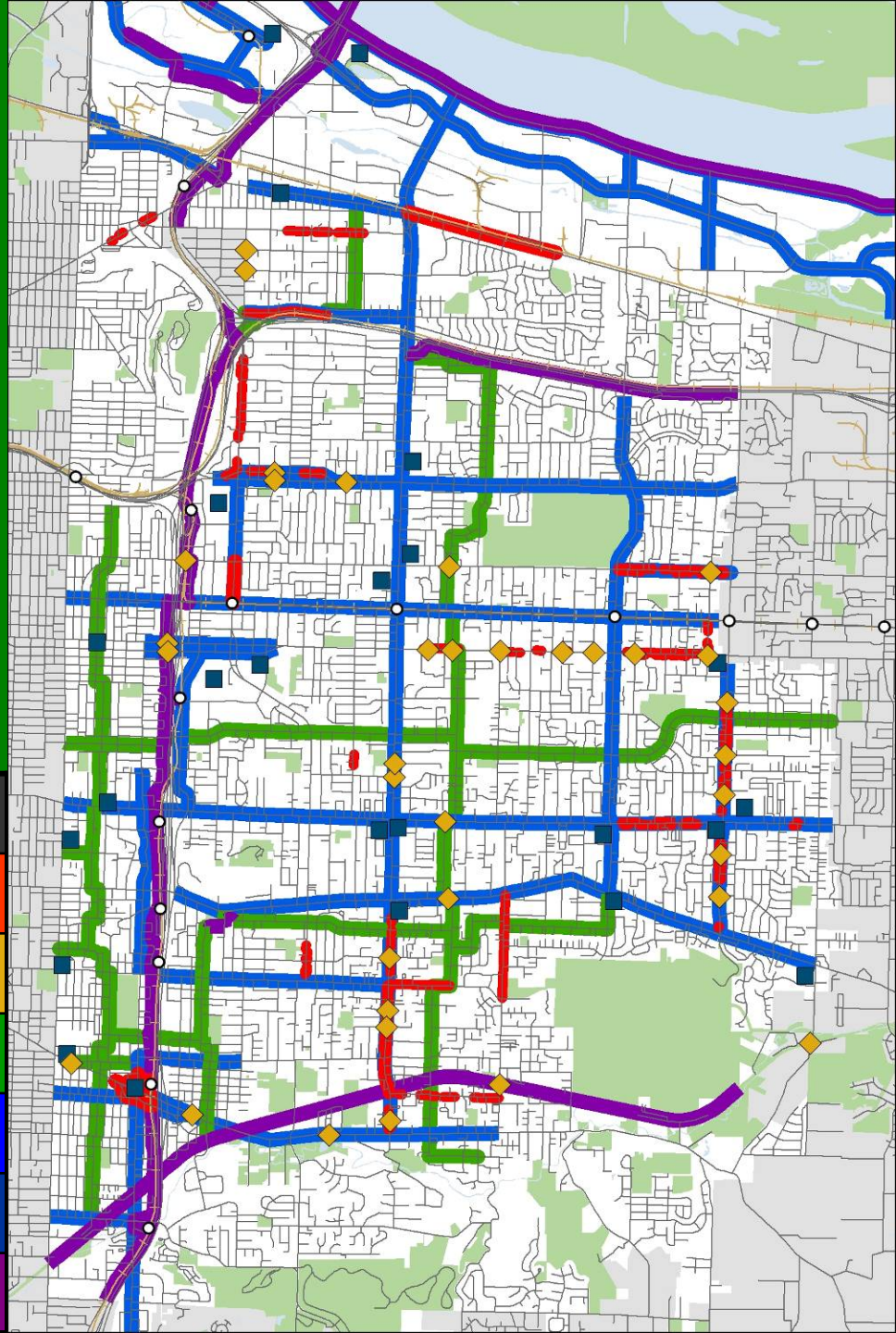
2011-13

KEY
Sidewalks
Crossings
Neighborhood Greenways
Bike lanes
Bike parking
Trails



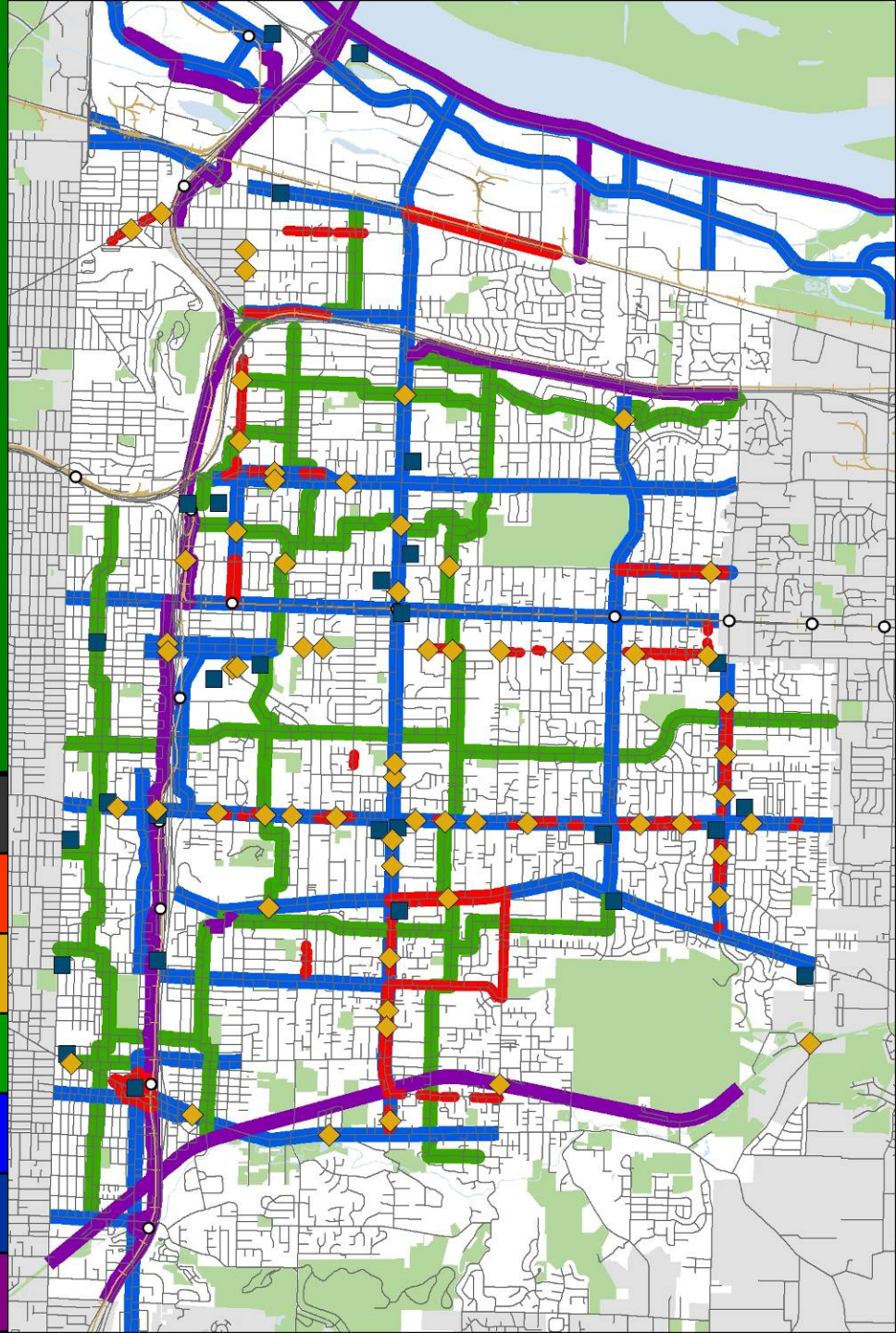
2013-14

KEY
Sidewalks
Crossings
Neighborhood Greenways
Bike lanes
Bike parking
Trails



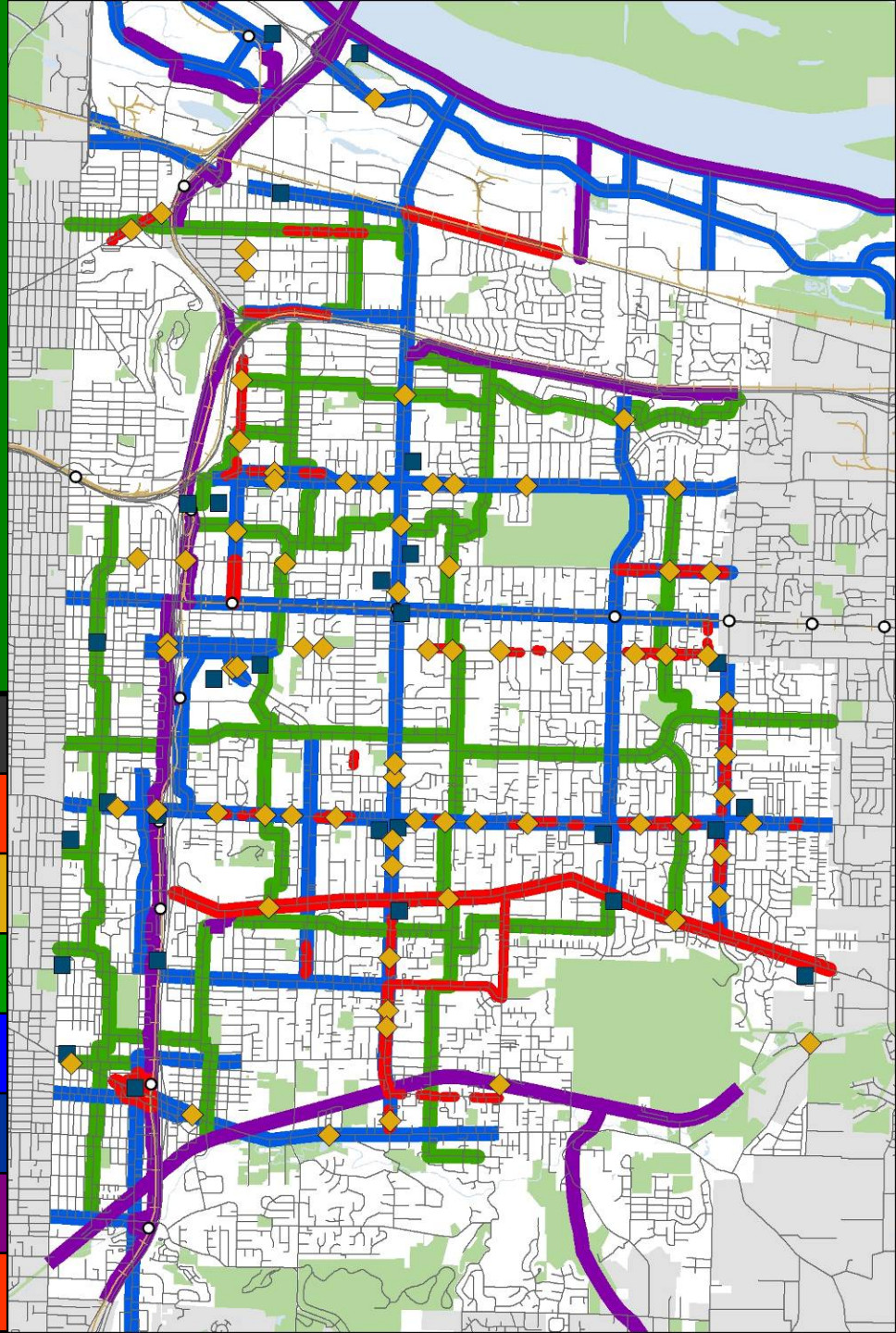
2014-15

KEY
Sidewalks
Crossings
Neighborhood Greenways
Bike lanes
Bike parking
Trails



2015-16+

KEY
Sidewalks
Crossings
Neighborhood Greenways
Bike lanes
Bike parking
Trails
Road Improvements



Thank you

