

South Portal Partnership Project, South Waterfront Street Plan, and Wayfinding Issues

November 16, 2016 - Agenda Item #1265

WE KEEP PORTLAND MOVING.

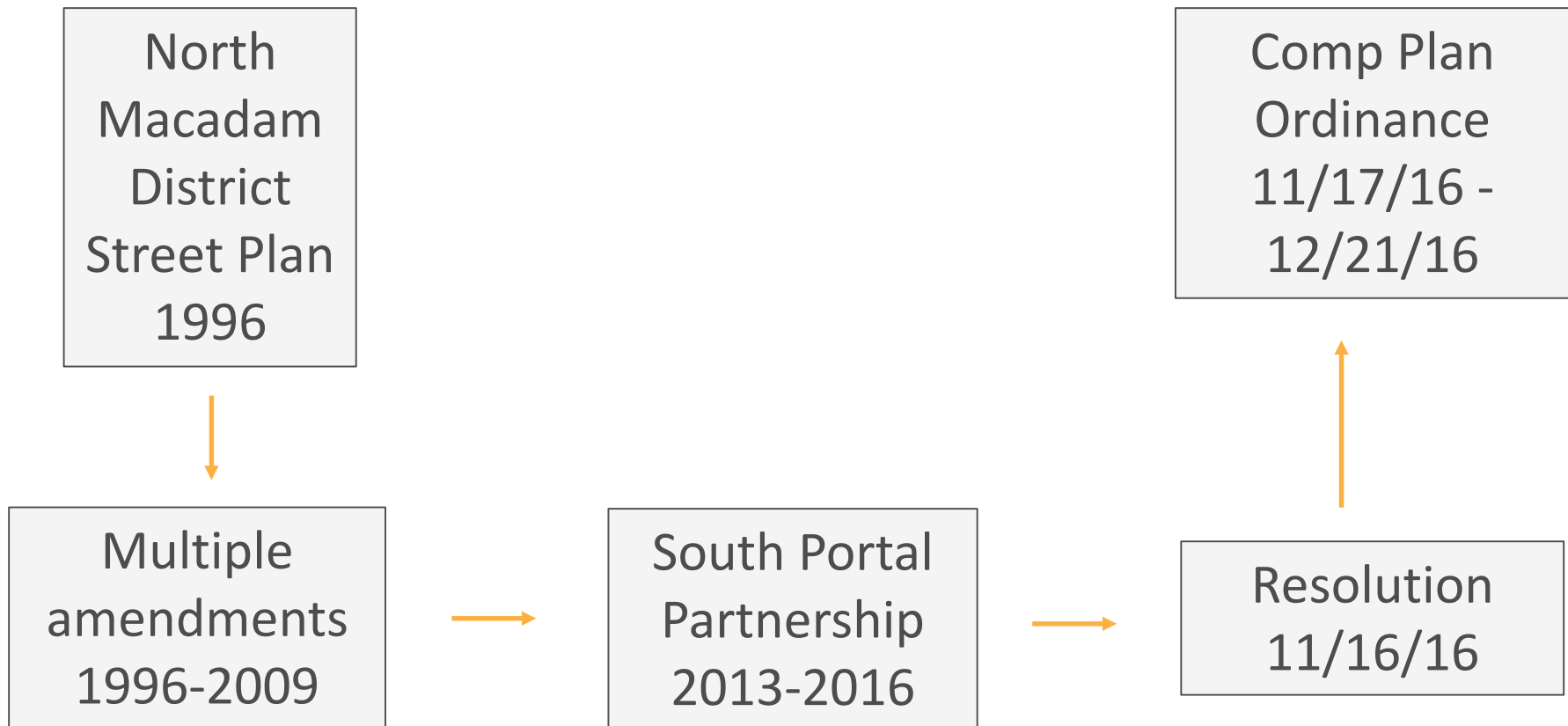


PBOT
PORTLAND BUREAU OF TRANSPORTATION

Andrew Aebi, M.B.A. & Kurt Krueger, P.E., PBOT; Jennifer Bachman, P.E., DKS & Associates

Evolution of South Waterfront Street Plan

20-Year Timeline; Still Incomplete



Sampling of Public Outreach

Following \$50 million cost estimate in 2006

2013

South Portal Partnership Plan project IGA executed with Metro
South Portland Neighborhood Association

2014

South Portal Open House #1

2015

South Portland Neighborhood Association

2016

South Portal Open House #2 (January)

South Portland Neighborhood Association (February, March, September)

Johns Landing Commercial Area Association - JLCAA (June)

Heron Pointe Homeowners' Association (September)

River's Edge Homeowners' Association (September)

Mailing notification of proposed changes and 11/16/16 Council date (September)

An orange oval with a thin orange border and a slight drop shadow, containing text.

Total of 10 public
meetings since
2013

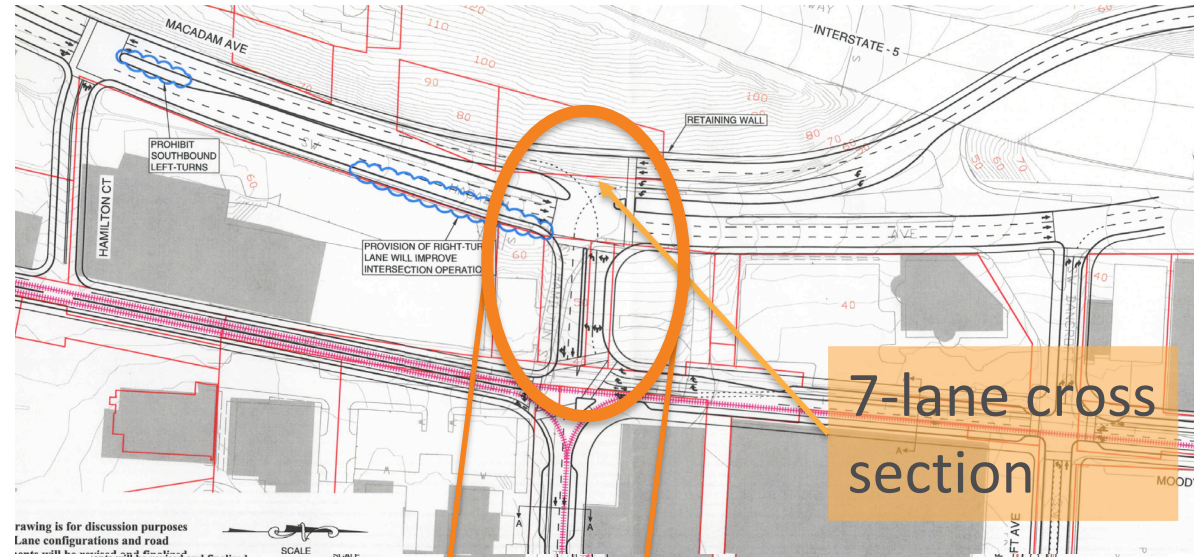
Key Challenges in South Portal Area:

- 1) Limited Access
- 2) Vehicle Queueing
- 3) Congestion
- 4) Lack of Multimodal Connections

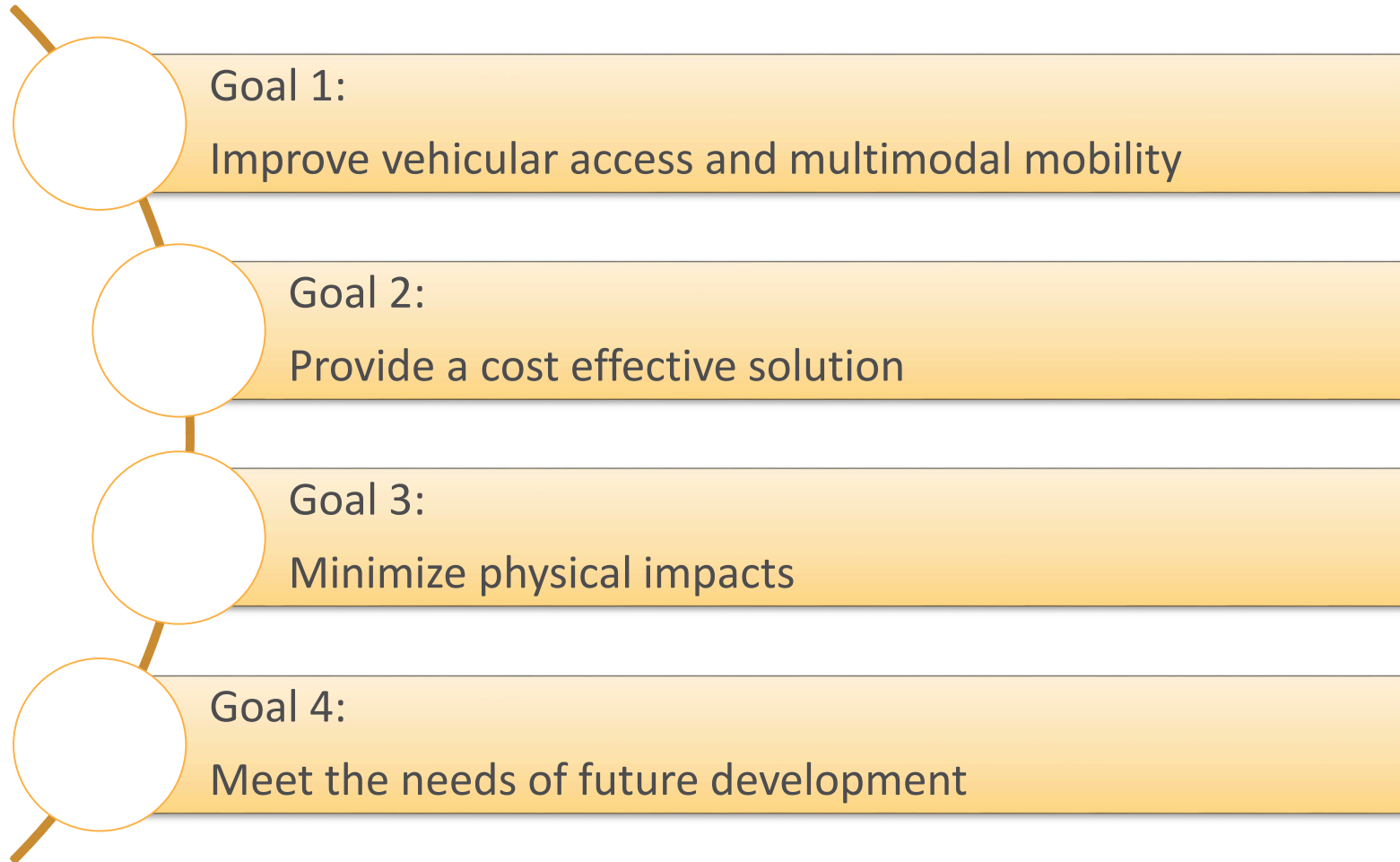


Currently Adopted Plan - Key Issues

- a) High cost and risk
- b) Significant right-of-way impacts to multiple properties
- c) Long time frame to implement



Project Goals

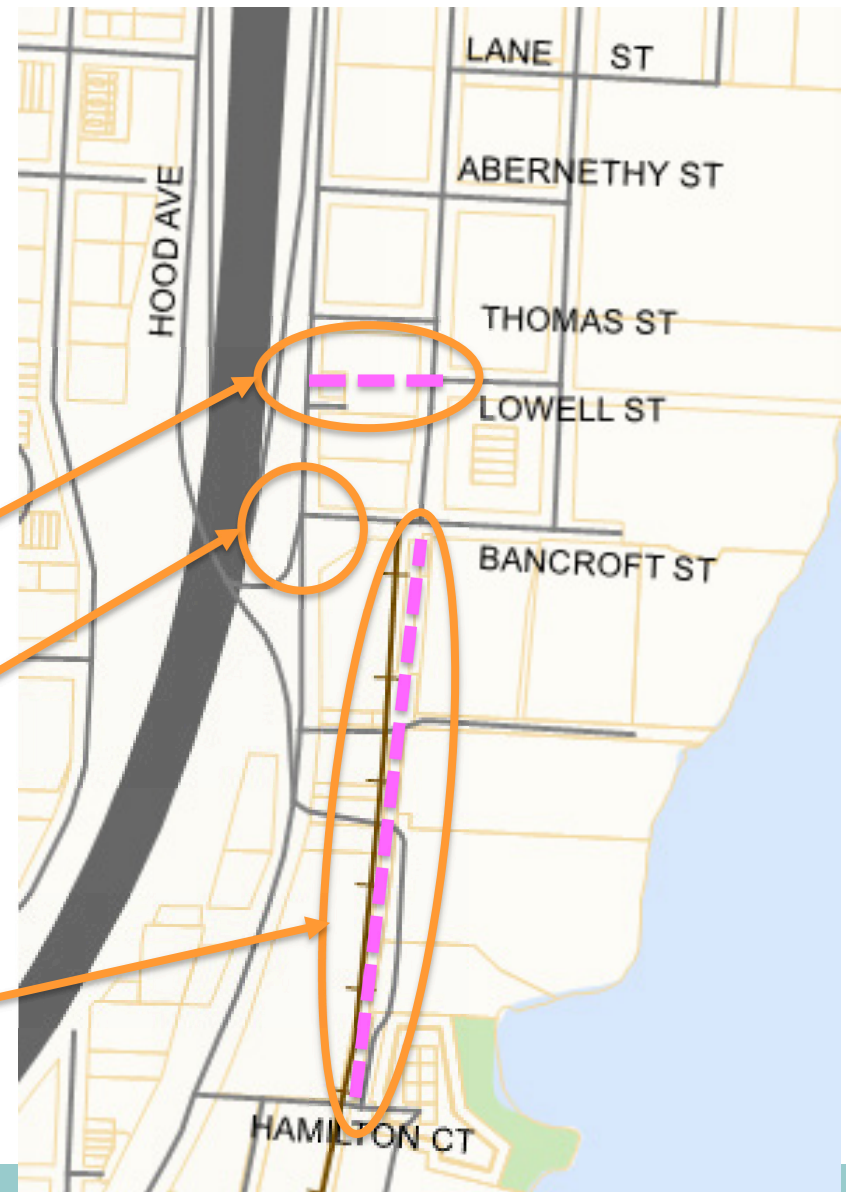


Three (3) Key Proposed Changes to Street Plan

2: SW Lowell St. extension & intersection improvements

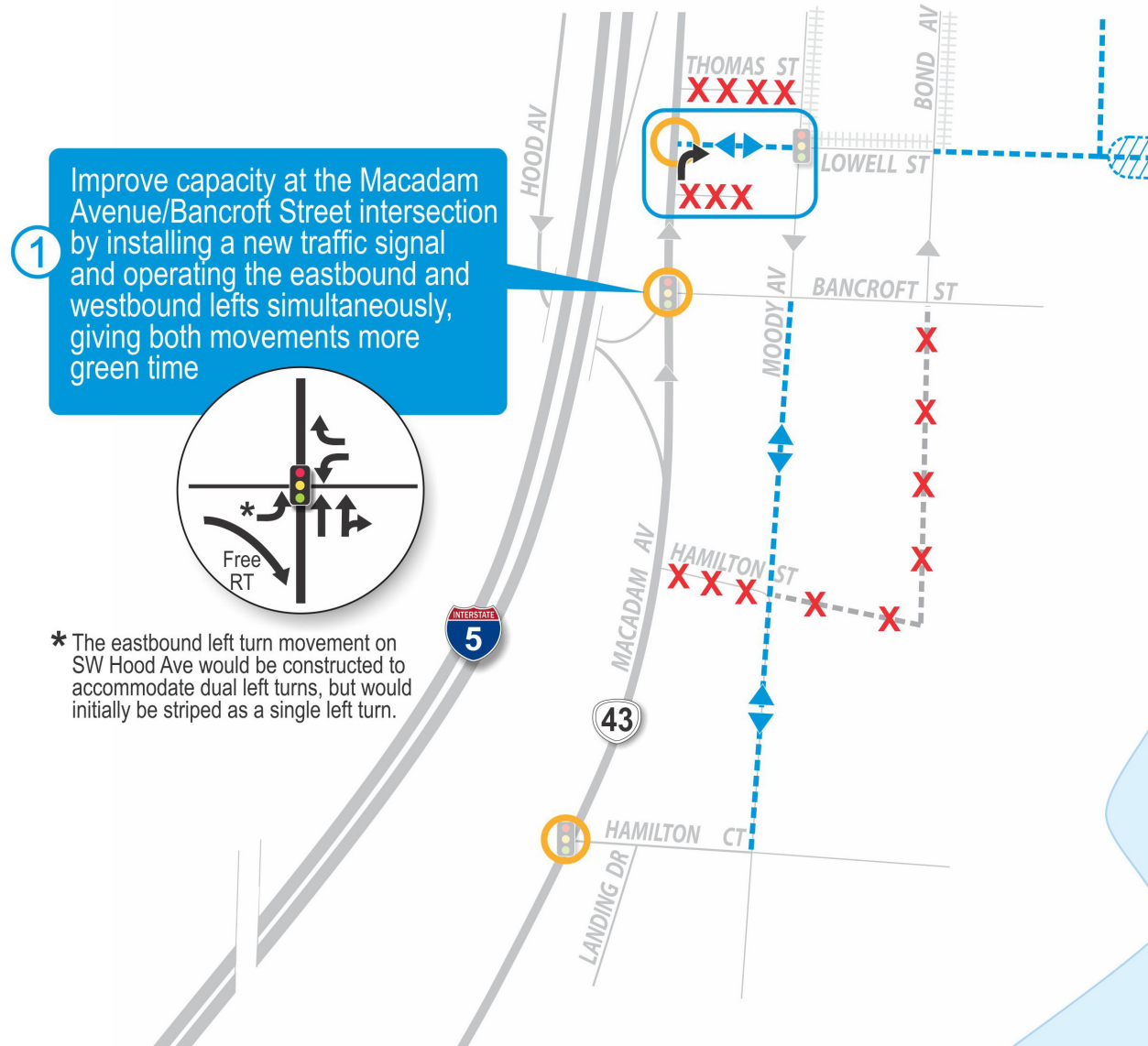
1: SW Macadam Ave. & Bancroft St. improvements

3: SW Moody Ave. extension & multimodal improvements



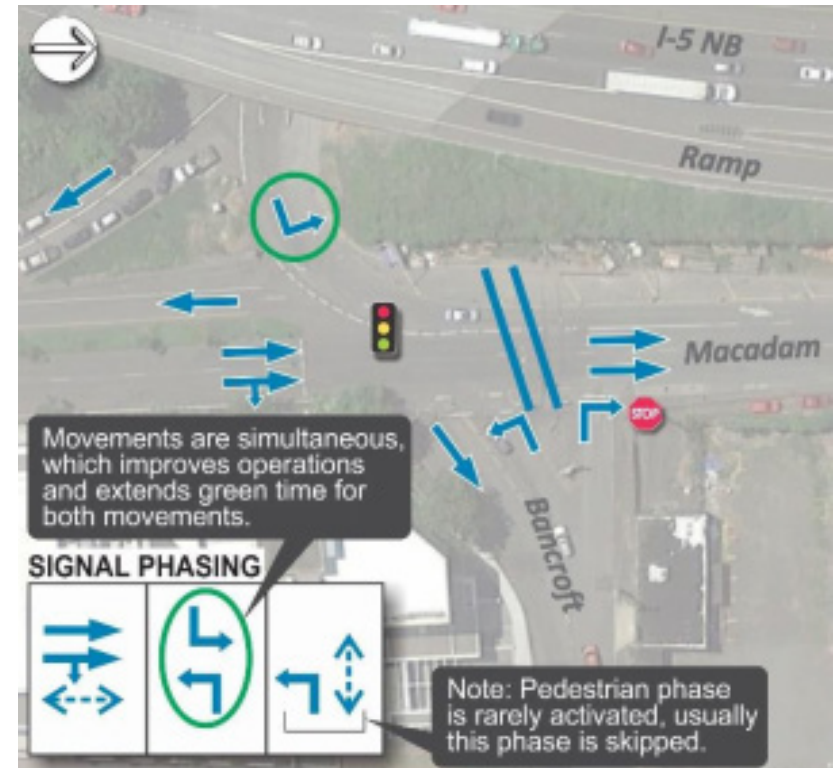
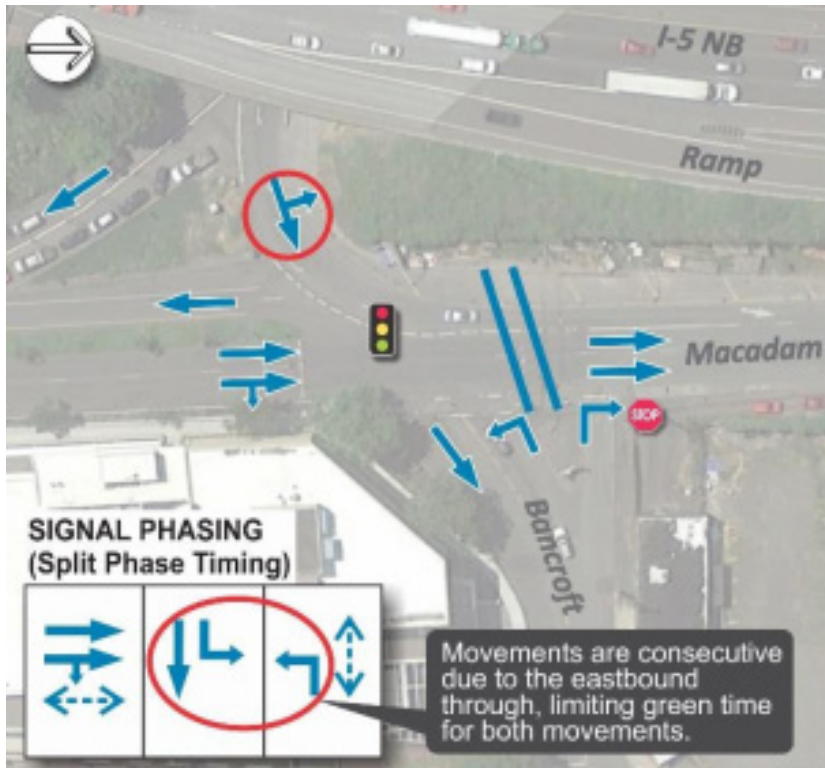
Key Street Plan Change #1

SW Macadam Ave. & Bancroft St. Intersection



SW Macadam & Bancroft St. Intersection

Longer “Green Time” for SW Bancroft St.



Key Street Plan Change #2

SW Lowell St. Extension

Construct Lowell Street Extension & Improvements

- ② • Lowell Street would provide access to the district especially for vehicles coming from Hood Avenue that previously entered at Bancroft Street
- Construct a northbound right turn lane on Macadam to Lowell
- Enhance Lowell/Moody intersection
- Close existing Lowell Street between Macadam & Moody (Street does not currently connect to Moody)

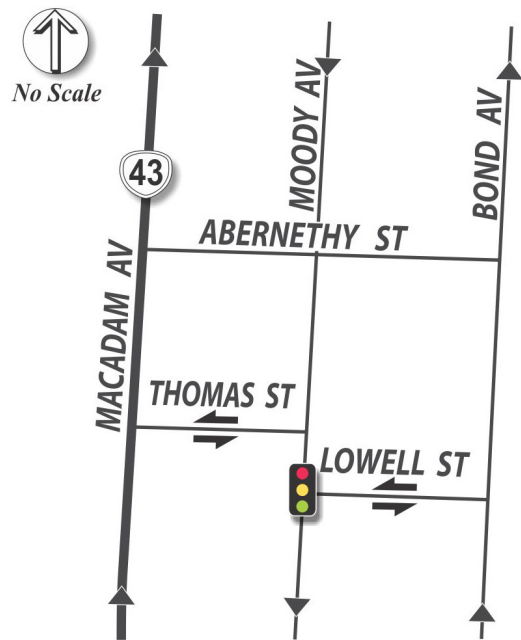
- ① Close Thomas Street between Macadam Avenue & Moody Avenue

Construct Lowell Street east of River Parkway as a pedestrian connection only

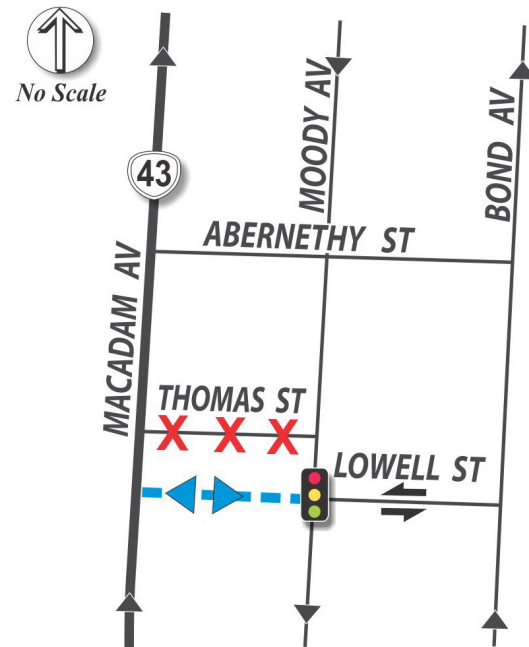


SW Lowell Street Extension Detail

Existing Roadways

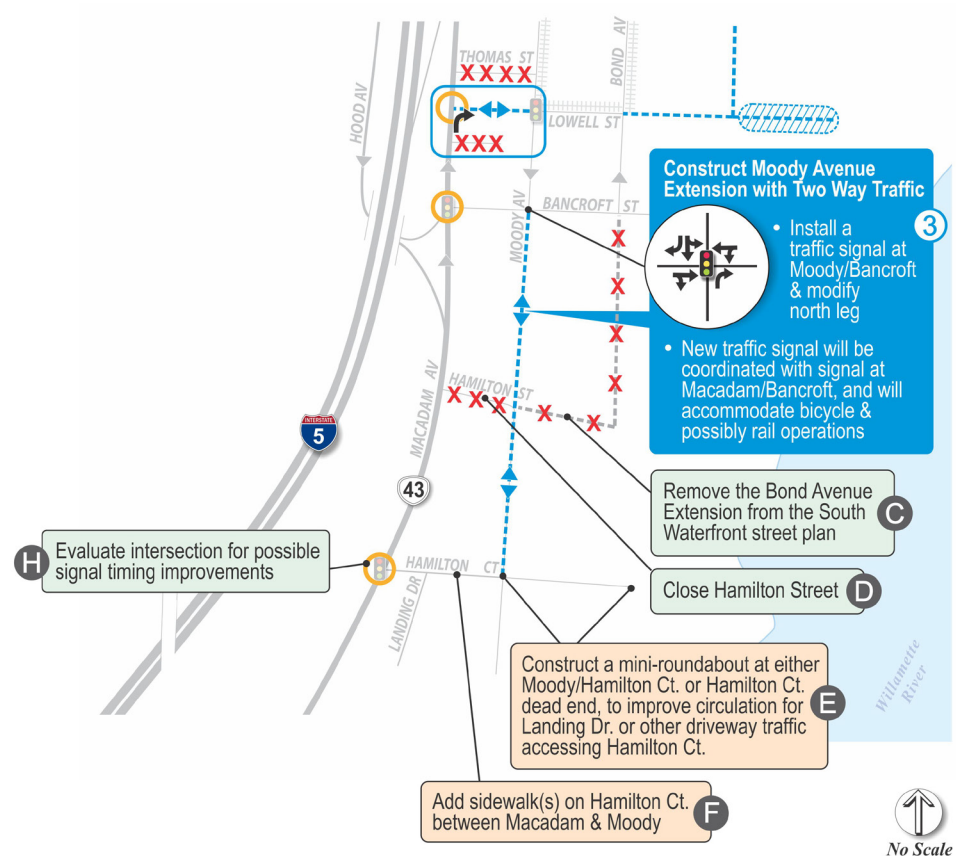
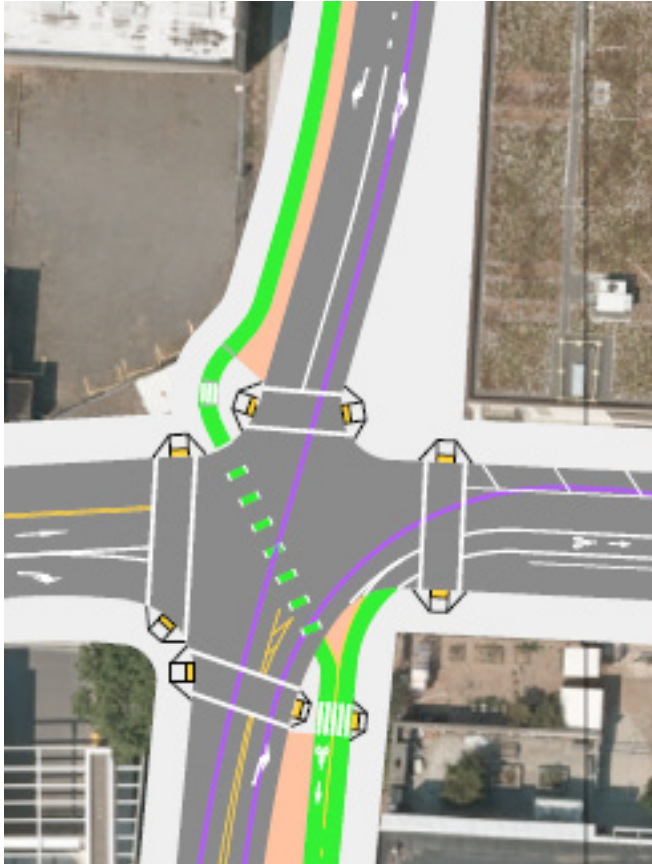


Recommended extension



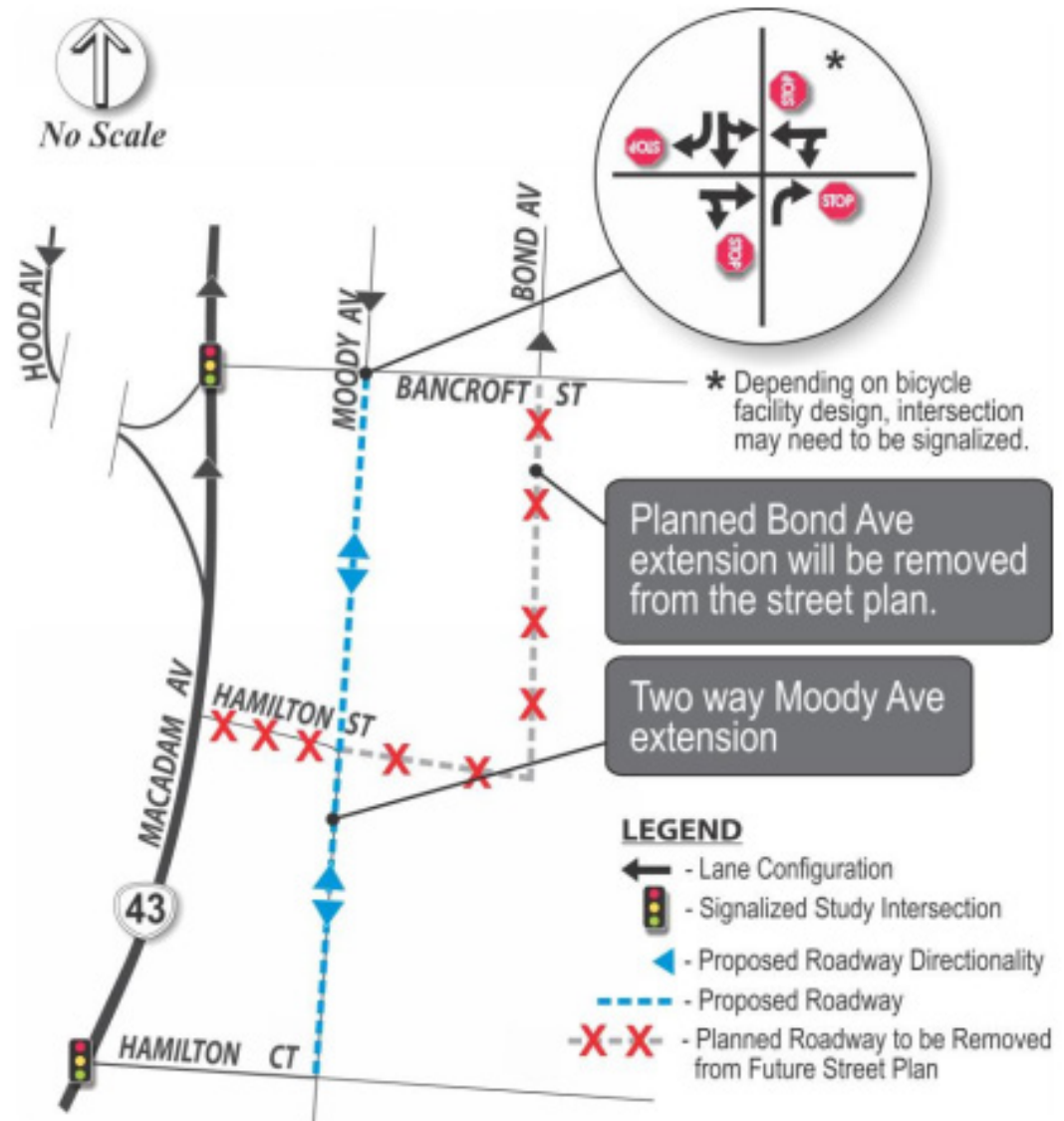
Key Change #3

SW Moody Ave. Extension to SW Hamilton Ct.



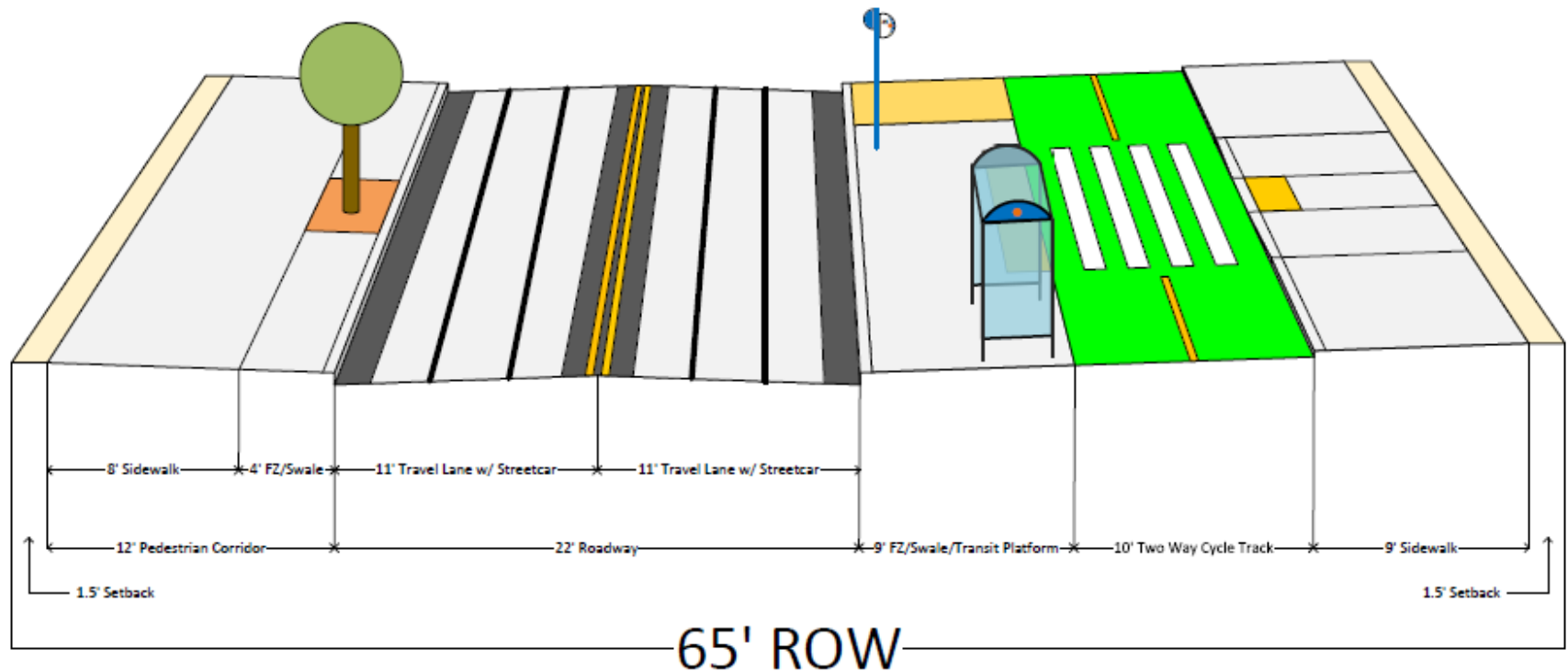
SW Moody Avenue Extension

Connect
South
Waterfront
&
Johns
Landing



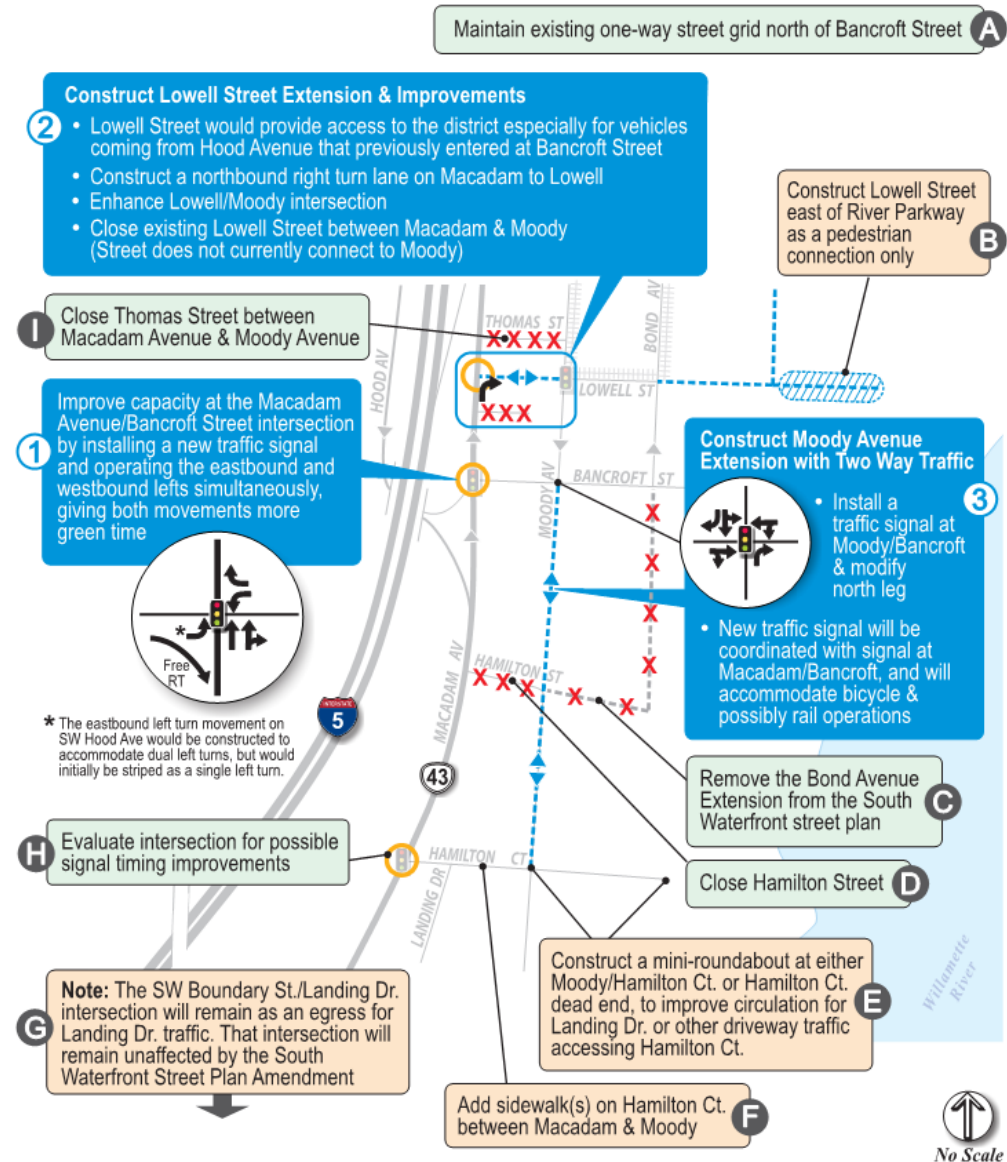
SW Moody Avenue Extension

Conceptual Design



Proposed Changes

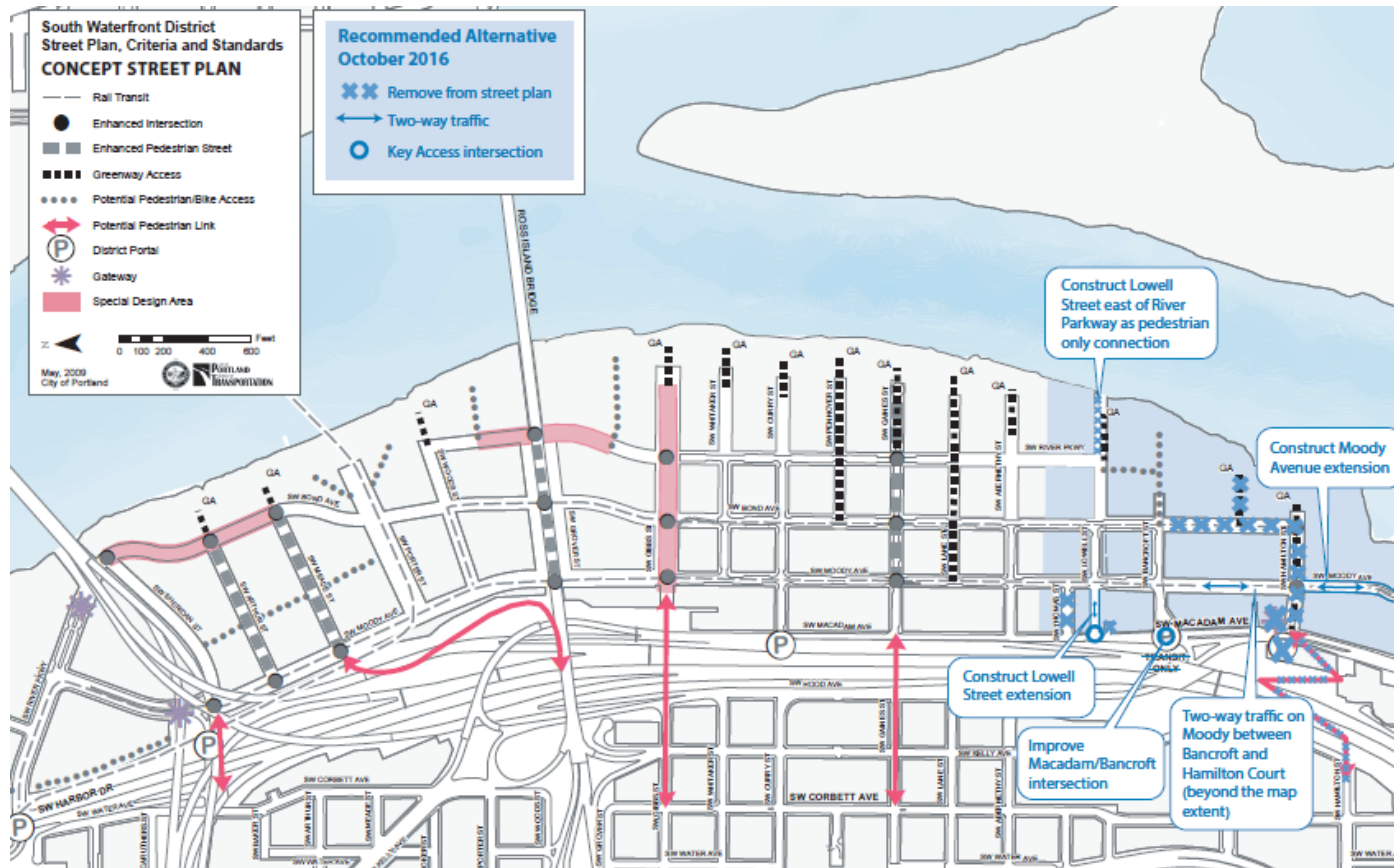
All Elements



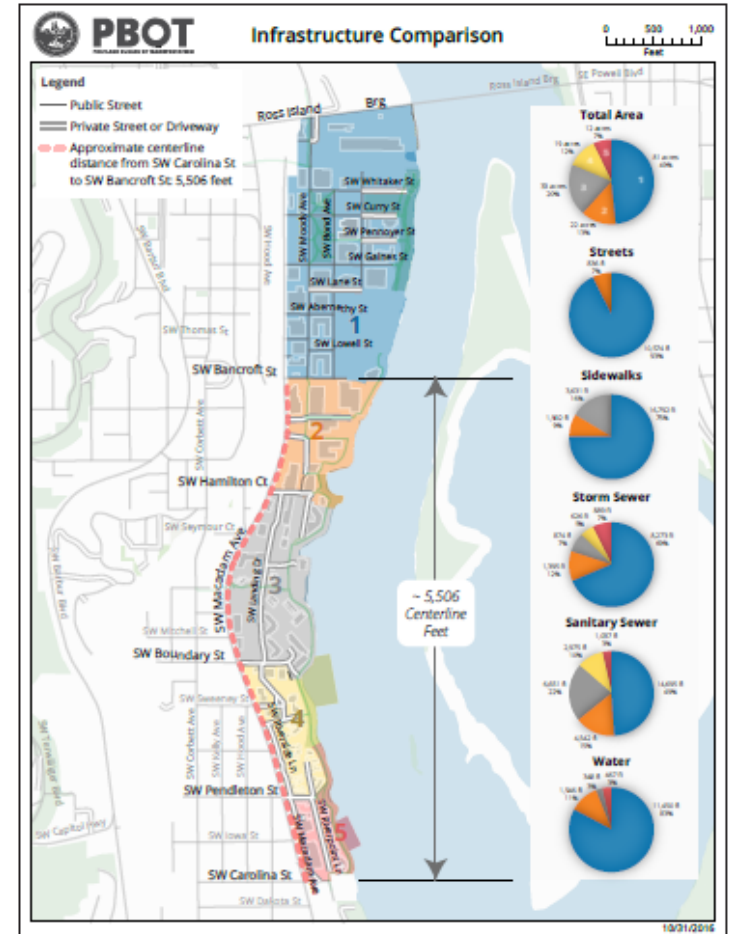
Proposed Changes

Street Plan Pending Adoption

TSP Master Street Plan Section



Wayfinding Difficulty of Nonabutting SW Macadam Ave. Addresses



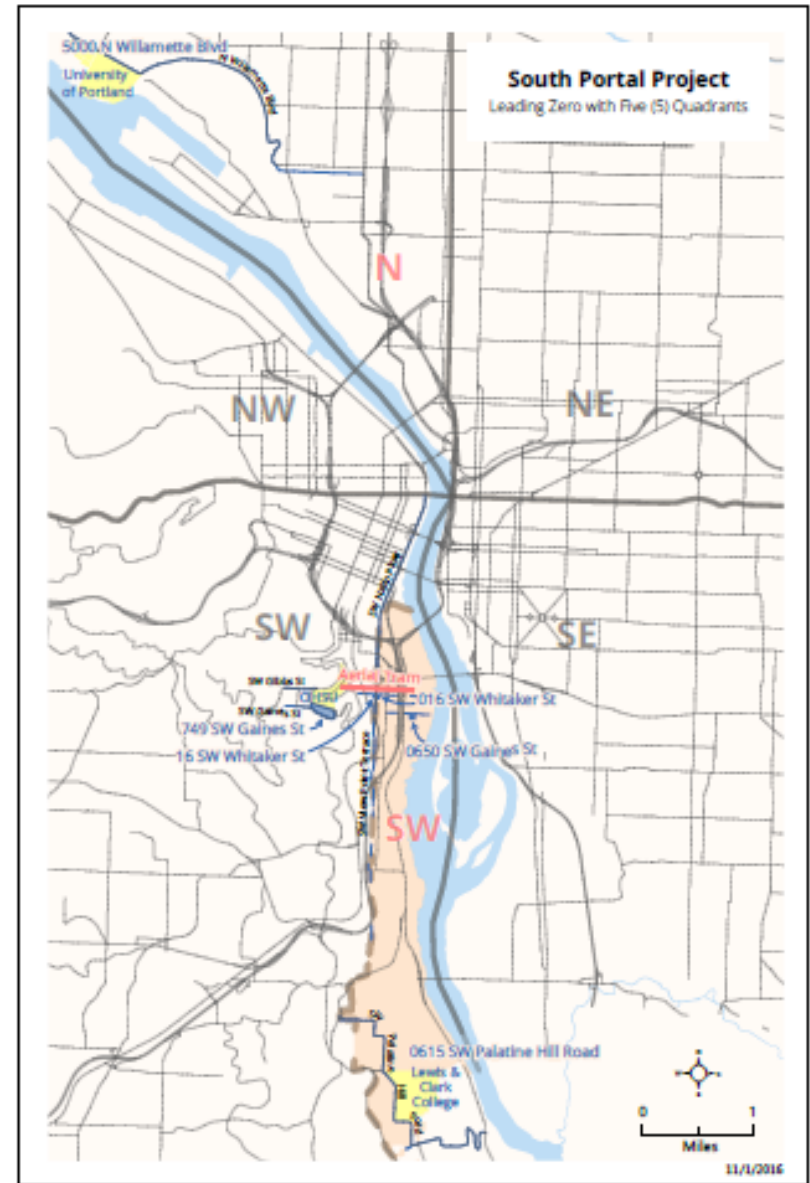
Unique Leading Zero

Five (5) City Quadrants

Actual
wayfinding
problem:

Addresses east of SW Naito Parkway and SW View Point Terrace are addressed as Southwest (SW), with a leading zero, instead of South (S)

0.4% of public and private streets in the street centerline with N, NE, NW, SE and SW prefixes to street names are currently addressed with leading zero - all in a portion of SW Portland



Unique Leading Zero

Five (5) City Quadrants

Example of actual
wayfinding
problem:

16 SW Whitaker St.

SW Naito Parkway barrier

016 SW Whitaker St.

Leading zero not intuitive

Leading zero often does not geocode



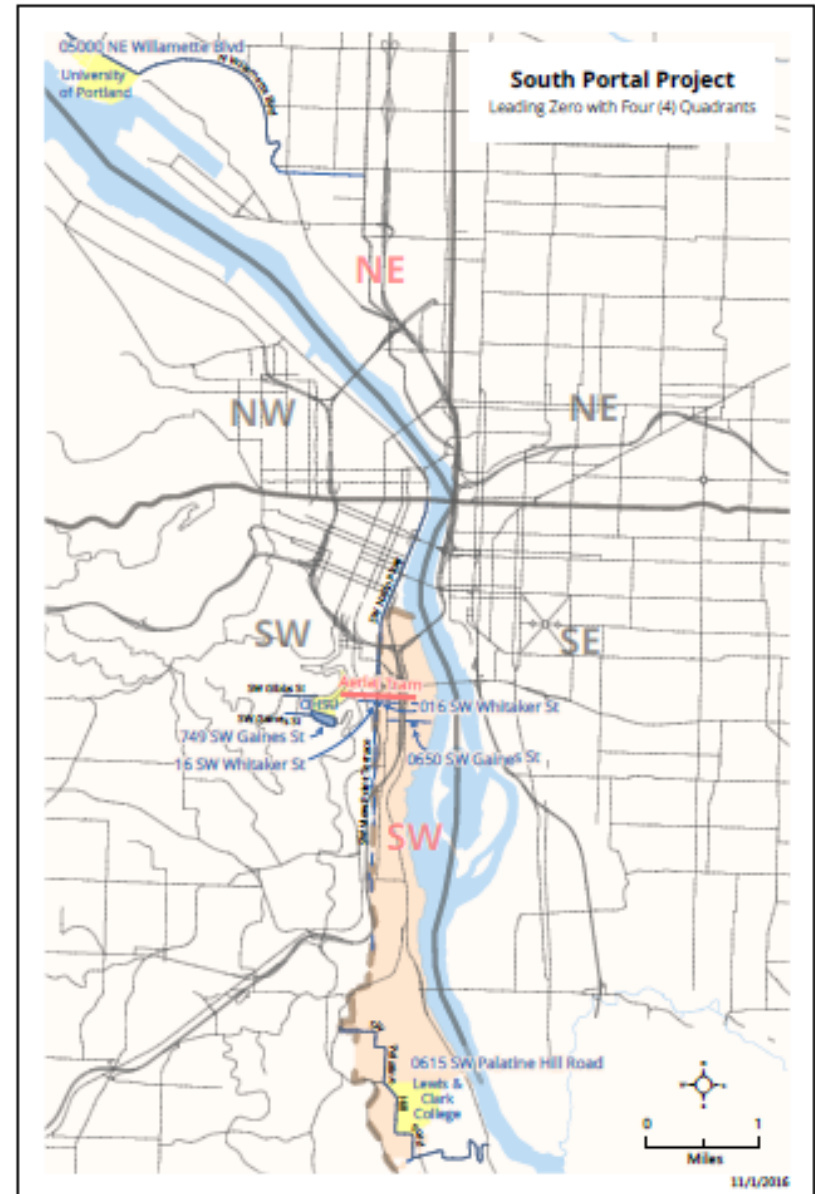
Unique Leading Zero

Four (4) City Quadrants

Hypothetical
wayfinding
problem:

No North Portland: Addresses west of NE Williams Avenue are addressed at Northeast (NE), with a leading zero, instead of North

If 8.3% of public and private streets in the street centerline (currently N, NE, NW, SE, SW) were addressed with leading zeros in all of North Portland, in addition to existing leading zero in a portion of SW



No Leading Zero

Six (6) City Quadrants

Potential
wayfinding
solution:

None after “SW” is changed to “S”

If 100.0% of public and private streets in the street centerline were addressed with one of six (6) directional prefixes, resulting in no leading zero addresses.

However this Resolution makes no actual change to the City’s quadrants.

