TPAC Briefing
August 31, 2007

SELLWOOD BRIDGE
Project
MULTNOMAH COUNTY

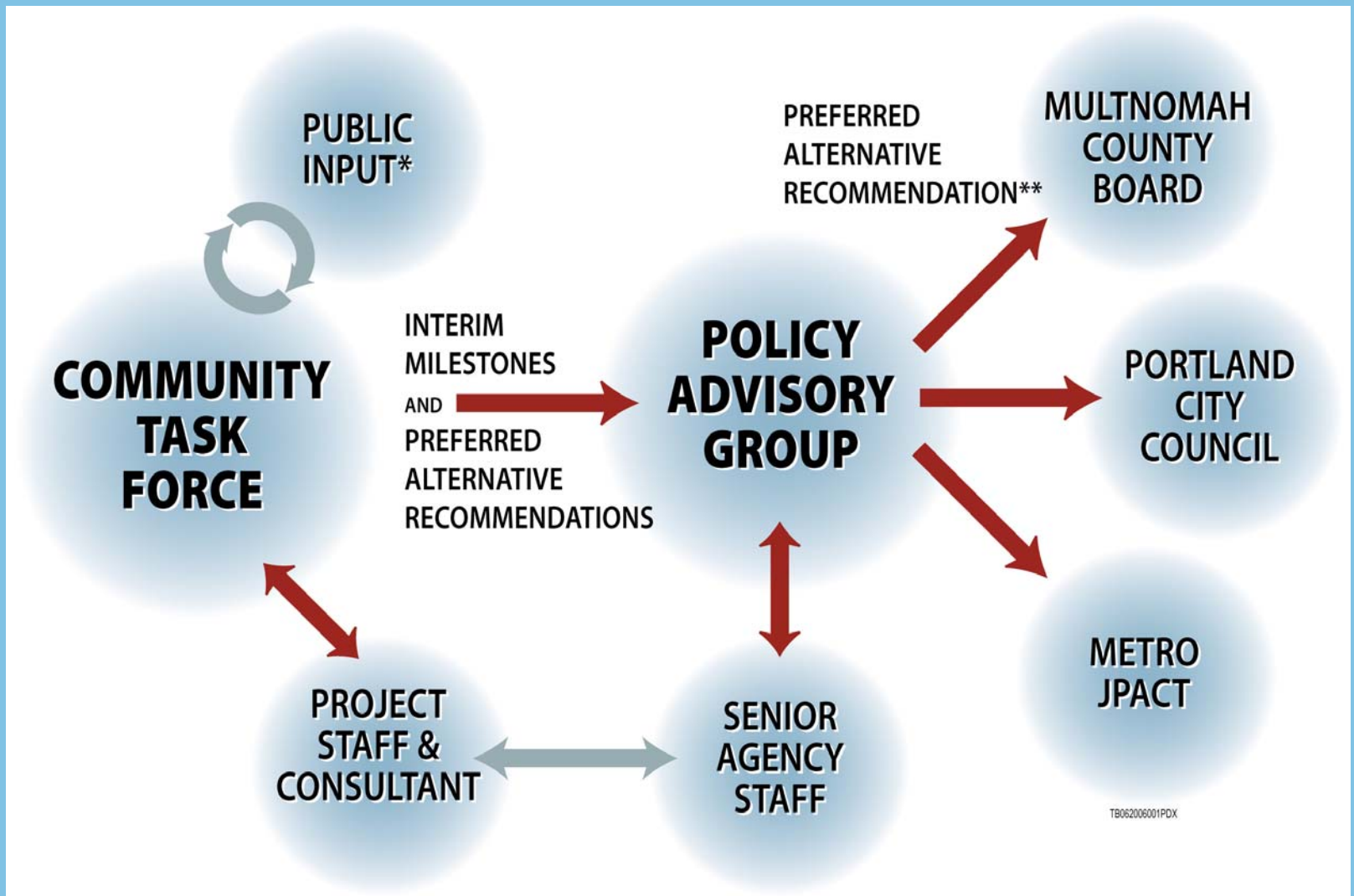
Agenda

- Decision process
- Project update
- Questions and comments

Major Deterioration of Structure

1. Adopted Project Milestones & Schedule

Decision Structure



* PUBLIC WILL HAVE OPPORTUNITIES TO PROVIDE INPUT TO ELECTED OFFICIALS THROUGHOUT THE PROCESS.

** LOCALLY PREFERRED ALTERNATIVE MUST BE APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION.

Community Task Force Points of View

- Neighborhoods
  - SMILE
  - South Portland
  - SE Uplift
  - SWNI
- Business
  - Sellwood/Westmoreland
  - SW
  - Portland Business Alliance
  - Clackamas
  - Neighborhood Business Associations
- Travel Modes
  - Commuters
  - Freight
  - Transit
  - Bike
  - Pedestrian
- Other Interests
  - Natural resources
  - Historic
  - River Users
  - South Waterfront
  - Aesthetics

Policy Advisory Group

Commissioner Maria Rojo de Steffey	Multnomah County
Commissioner Sam Adams	City of Portland
Councilor Robert Liberty	Metro
Jason Tell	ODOT Region 1
David Cox	Federal Highway Administration
Commissioner Lynn Peterson	Clackamas County
Mayor Jim Bernard	City of Milwaukie
Fred Hansen	TriMet
Senator Kate Brown	Oregon State Senate
Representative Carolyn Tomei	Oregon State House

2. Adopted Project Purpose

- The purpose of the proposed action is to **rehabilitate or replace** the Sellwood Bridge **within its existing east-west corridor*** to provide a structurally safe bridge with connections that accommodate multi-modal mobility needs

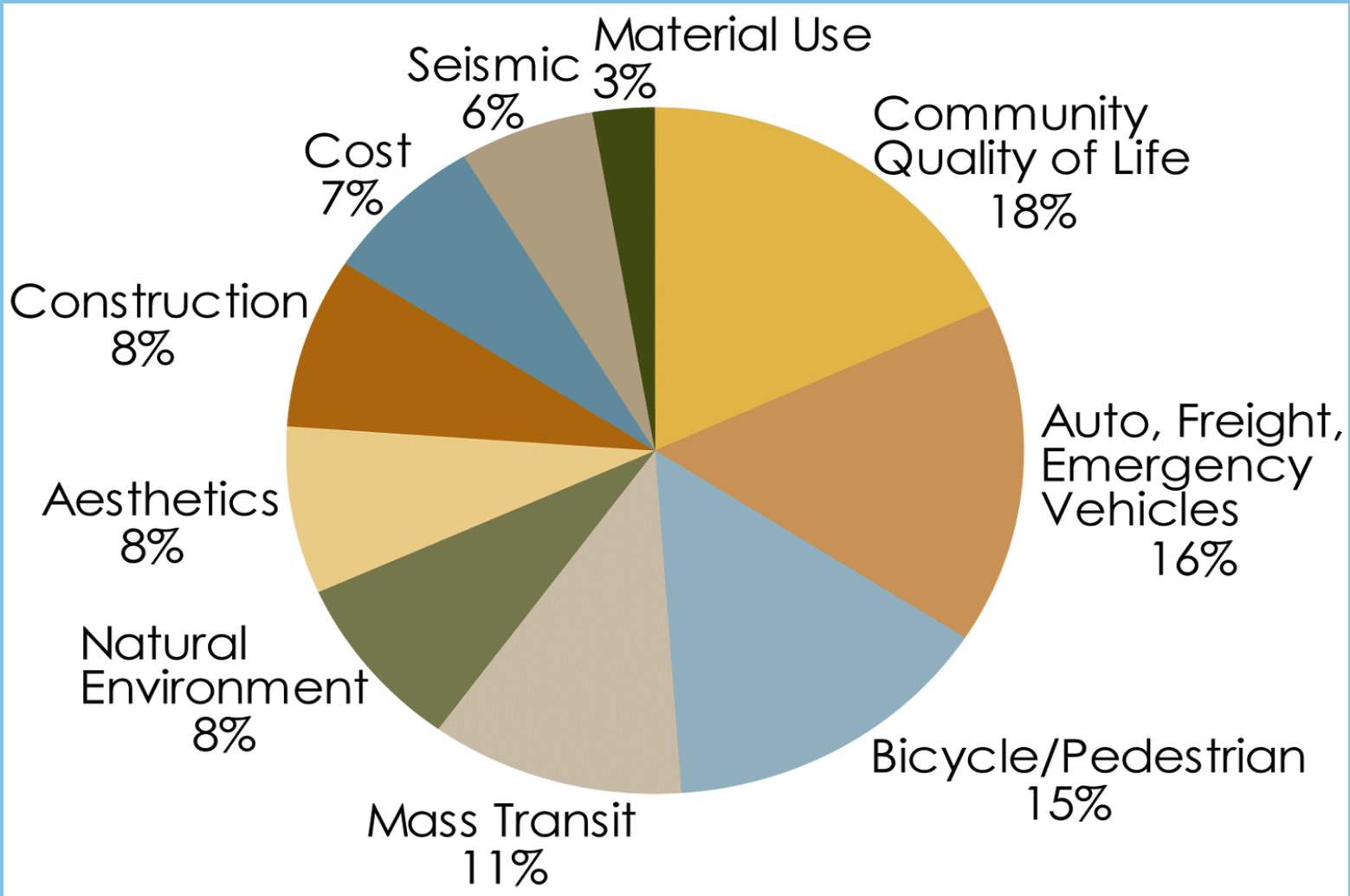
* *The corridor extends between Highway 43 and approximately 500 feet to the north and south of SE Tacoma Street.*

Project Corridor

Adopted Needs

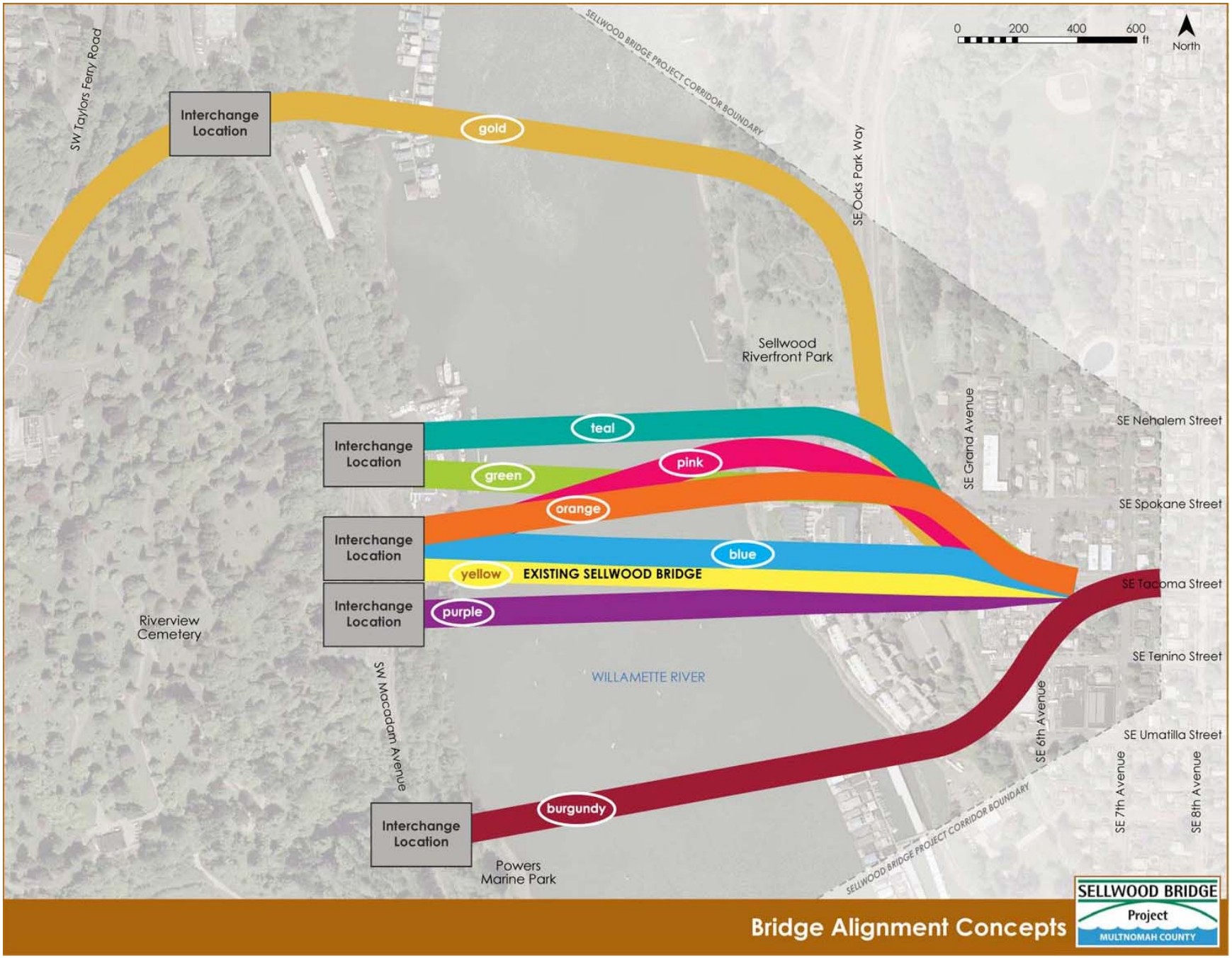
1. **Structural capacity** for transit vehicles, trucks, emergency vehicles; withstand moderate seismic events
2. Roadway design - geometrically **functional and safe**
3. **Travel demands - existing and future**
4. **Public transit** - existing and future connectivity, reliability, and operations
5. **Freight** - improved mobility to / across
6. **Ped / bike** - connectivity, mobility

3. Adopted Weighting of Criteria Categories

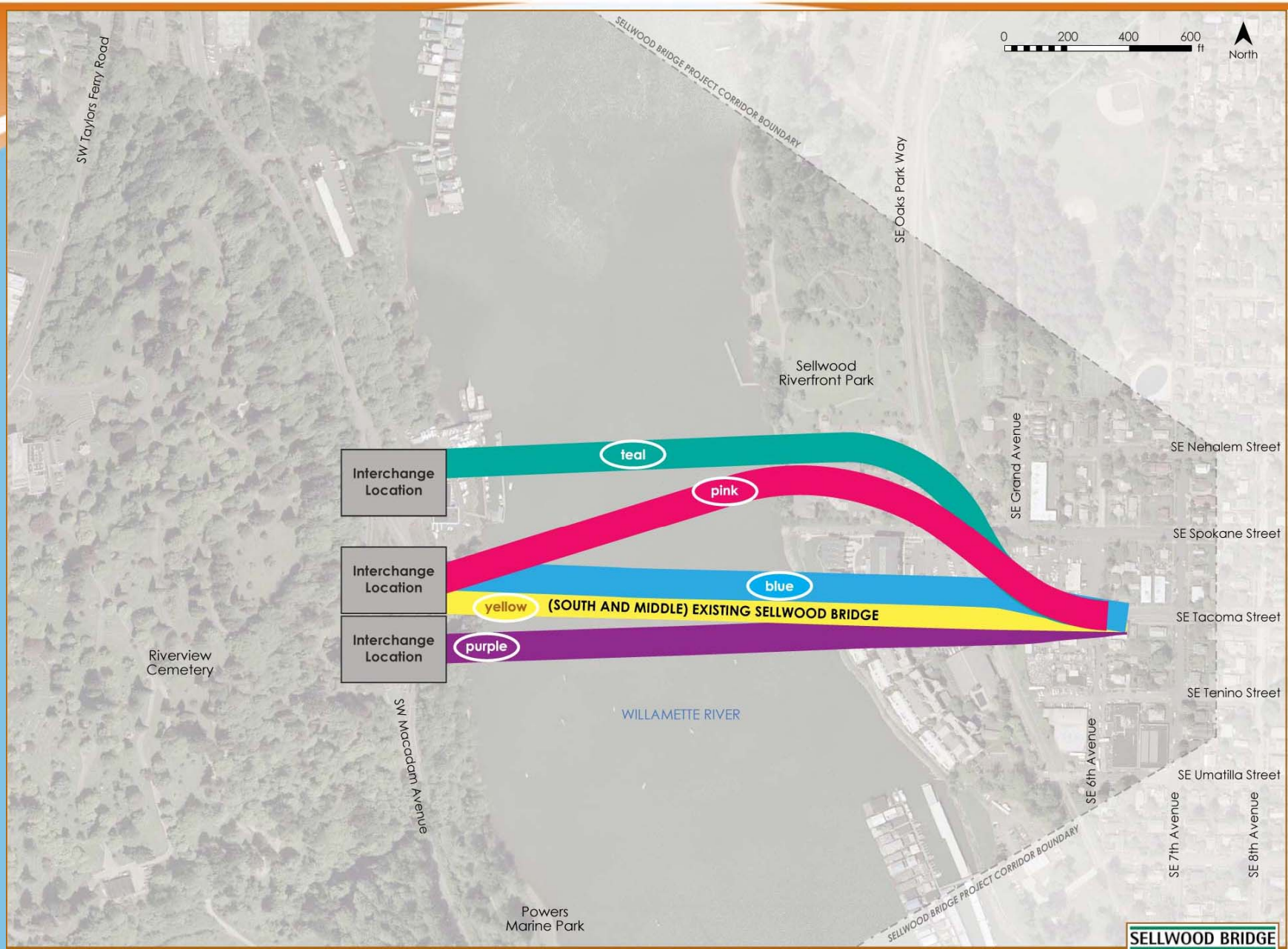


4. Adopted Range of Alternatives

- **Rehabilitate**
  - Widen for motorists, bikes and peds
  - Double deck – motorized on top, bikes/peds below
  - Bikes and peds only; new bridge for motorized vehicles
- **Replace**
  - 5 alignments, including existing alignment
  - 7 cross sections for each alignment
- **2 intersection types**



Bridge Alignment Concepts

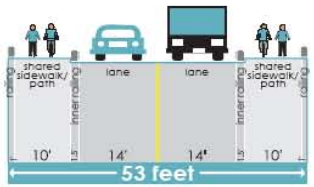


Bridge Alignment Concepts Advanced

SELLWOOD BRIDGE Project MULTNOMAH COUNTY

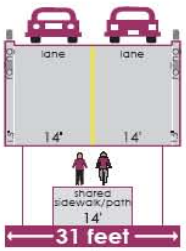
Bridge Cross Sections Evaluated

Rehabilitation or Replacement Option

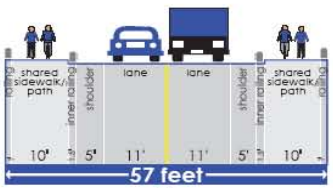


A and A'

Rehabilitation Options

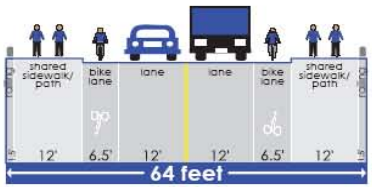


I

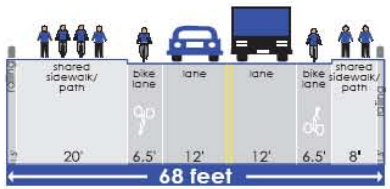


L

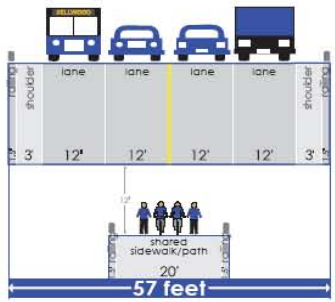
Replacement Options (~68 feet)



C

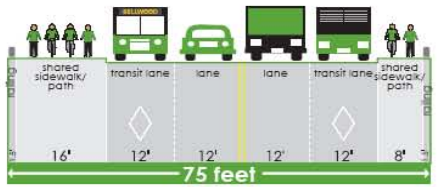


C'

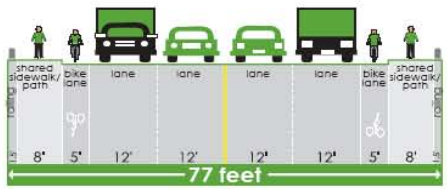


K

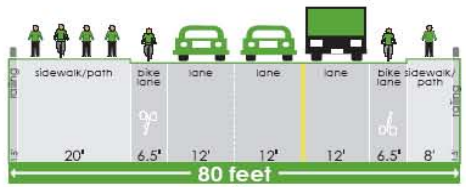
Replacement Options (~80 feet)



D



E



F

Note: These width colors are not related to the alignment colors.

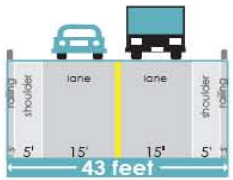
Figure 5a — Representative Cross Sections to Advance

SELLWOOD BRIDGE Project MULTNOMAH COUNTY

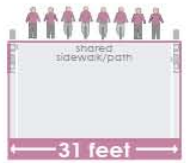
Bridge Cross Sections, Continued

Rehabilitation and Replacement Options

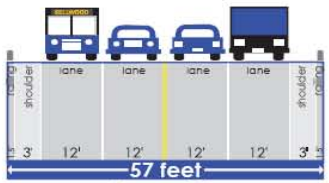
New Bridge + Existing Bridge



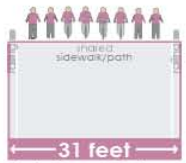
Top of J



Existing Bridge



Top of K

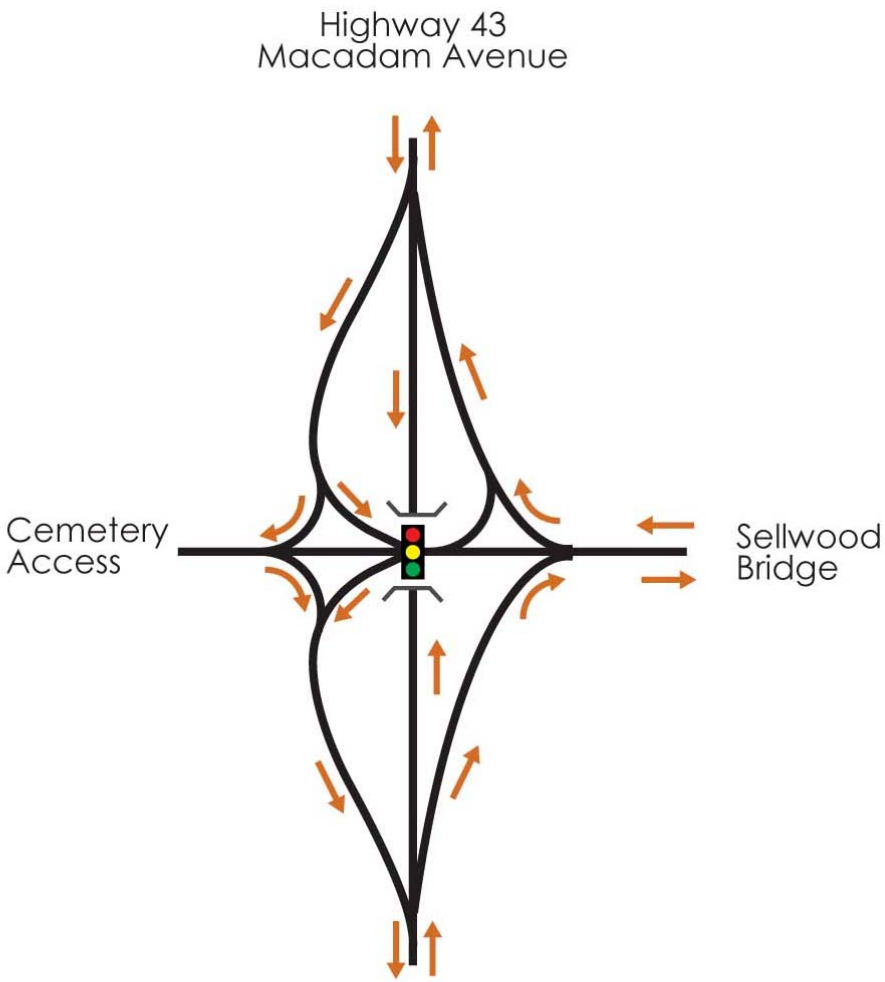


Existing Bridge

Note: These width colors are not related to the alignment colors.

Figure 5b — Representative Cross Sections to Advance

SELLWOOD BRIDGE Project MULTNOMAH COUNTY



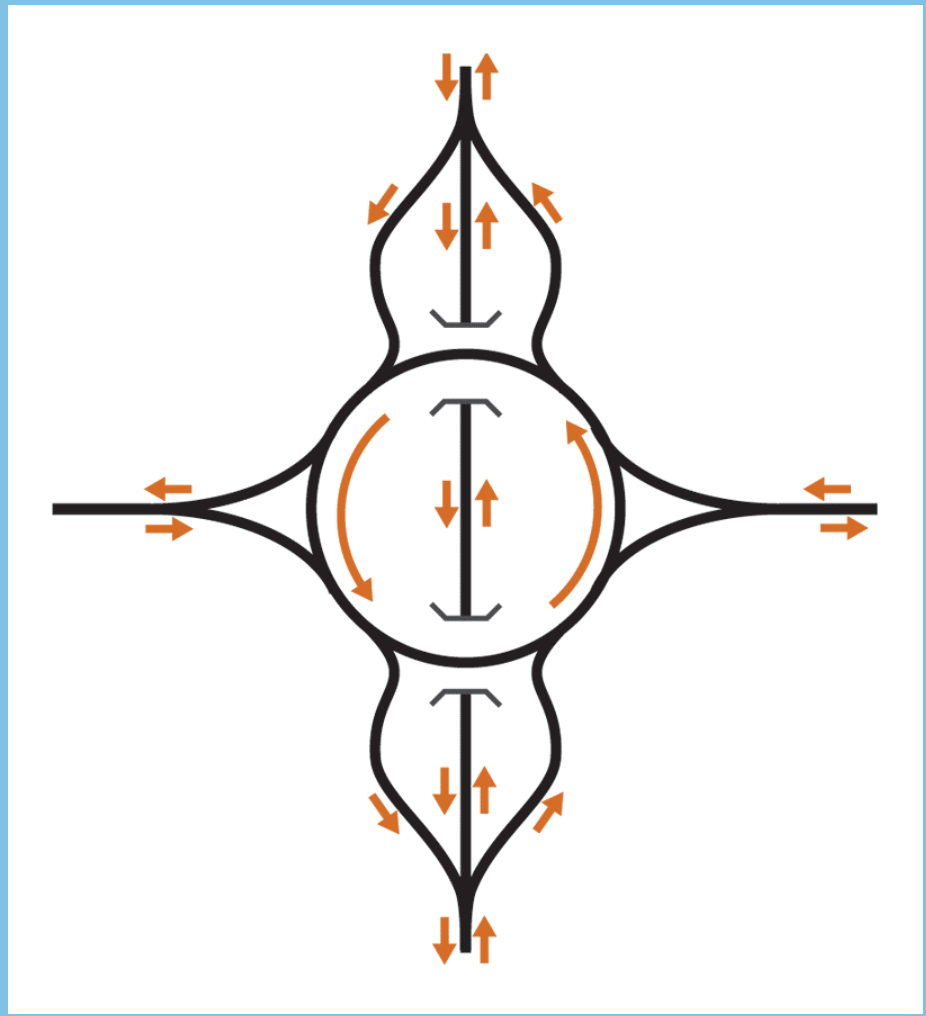
Single Point (2-Level)

North

Signal

Grade-Separated Crossing

SELLWOOD BRIDGE Project MULTNOMAH COUNTY



Grade Separated Roundabout

Key Findings - Alignment

- Yellow, Purple, Blue – Most direct routes for vehicles, bikes & peds
- Yellow, Teal, Pink – Fewest residential relocations
- Teal - Fewest business relocations
- Yellow, Purple, Blue – least environmental disruption
- Purple, Blue, Pink, Teal – Off-line construction

Key Findings – Cross Section

- Narrow cross sections rated high for
  - Community Quality of Life
  - Shorter Construction Time
  - Aesthetics
  - Natural Environment
- Wider cross sections rated high for
  - Automobile, Freight, and Emergency Vehicles
  - Better Bike & Pedestrian facilities
  - Transit
  - Greater Flexibility in the Future
  - Ability to Stay Open during Maintenance

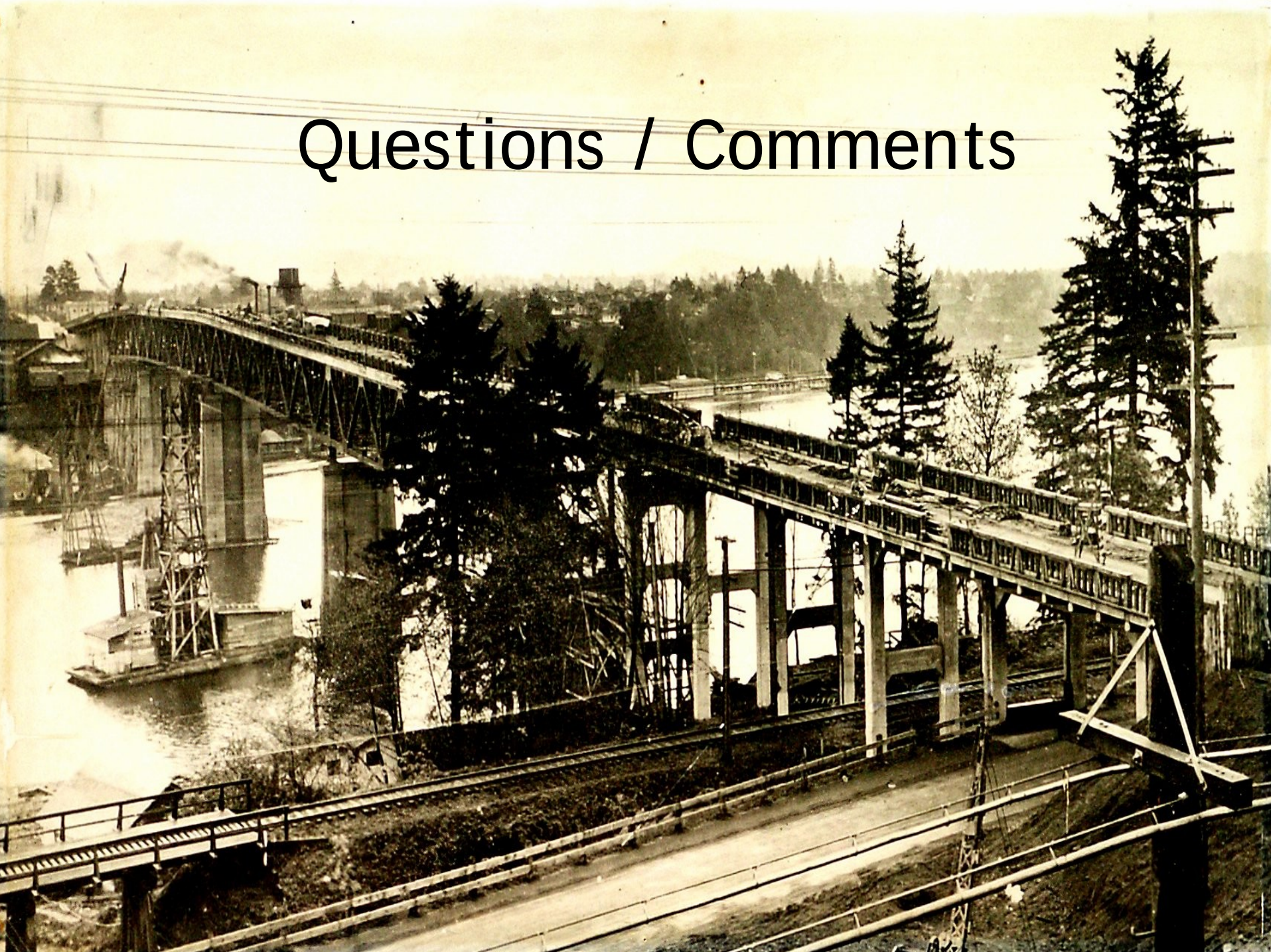
Next steps

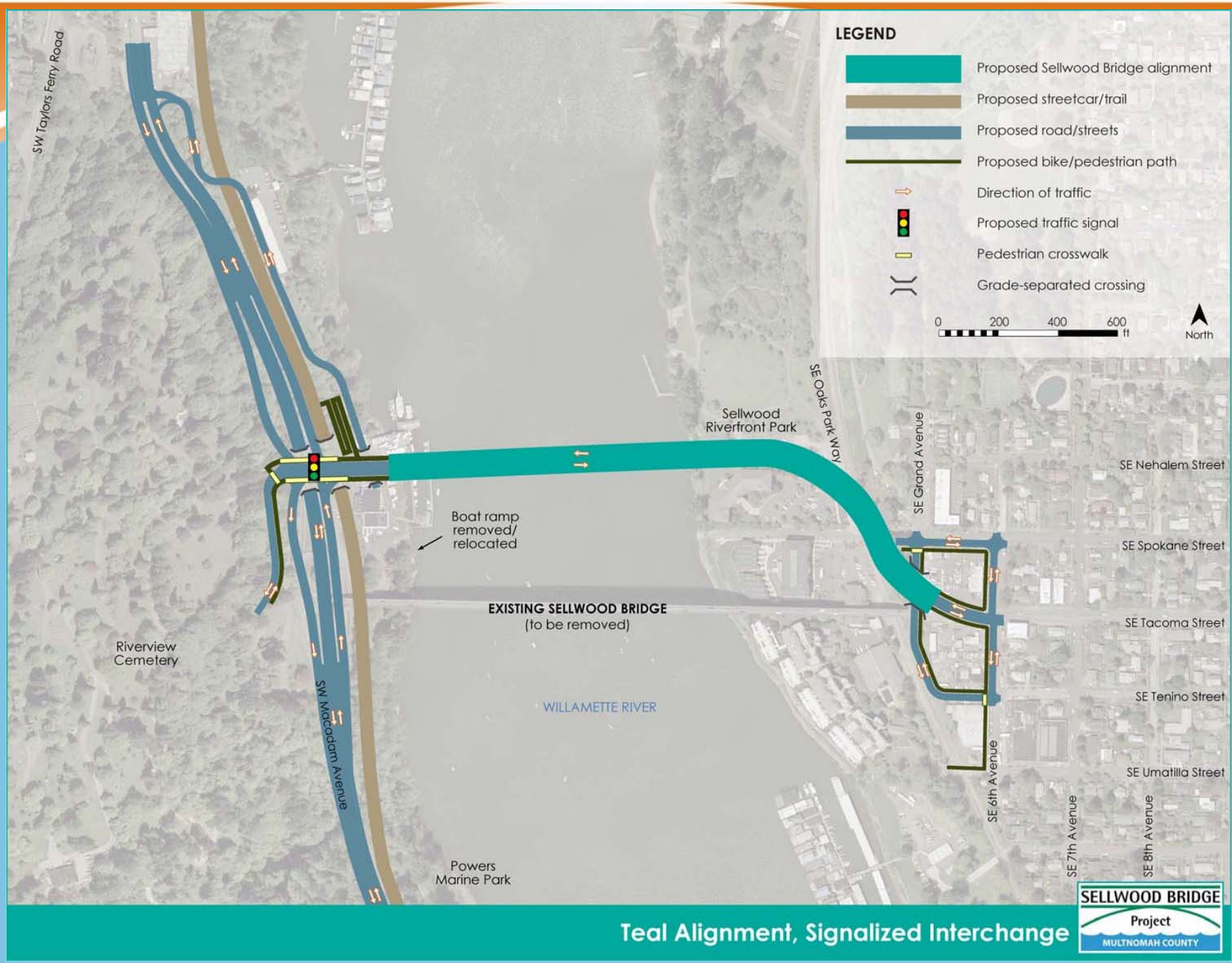
- **July 30-Sept. 9:** On-line survey, sellwoodbridge.org
- **September 17:** CTF Recommend 4 alternatives for Draft Environmental Impact Statement (DEIS)
- **October 1:** PAG to adopt 4 alternatives
- **October:** Start DEIS
- **October:** Financial strategies and bridge type
- **Spring 2008**: Select Preferred Alternative

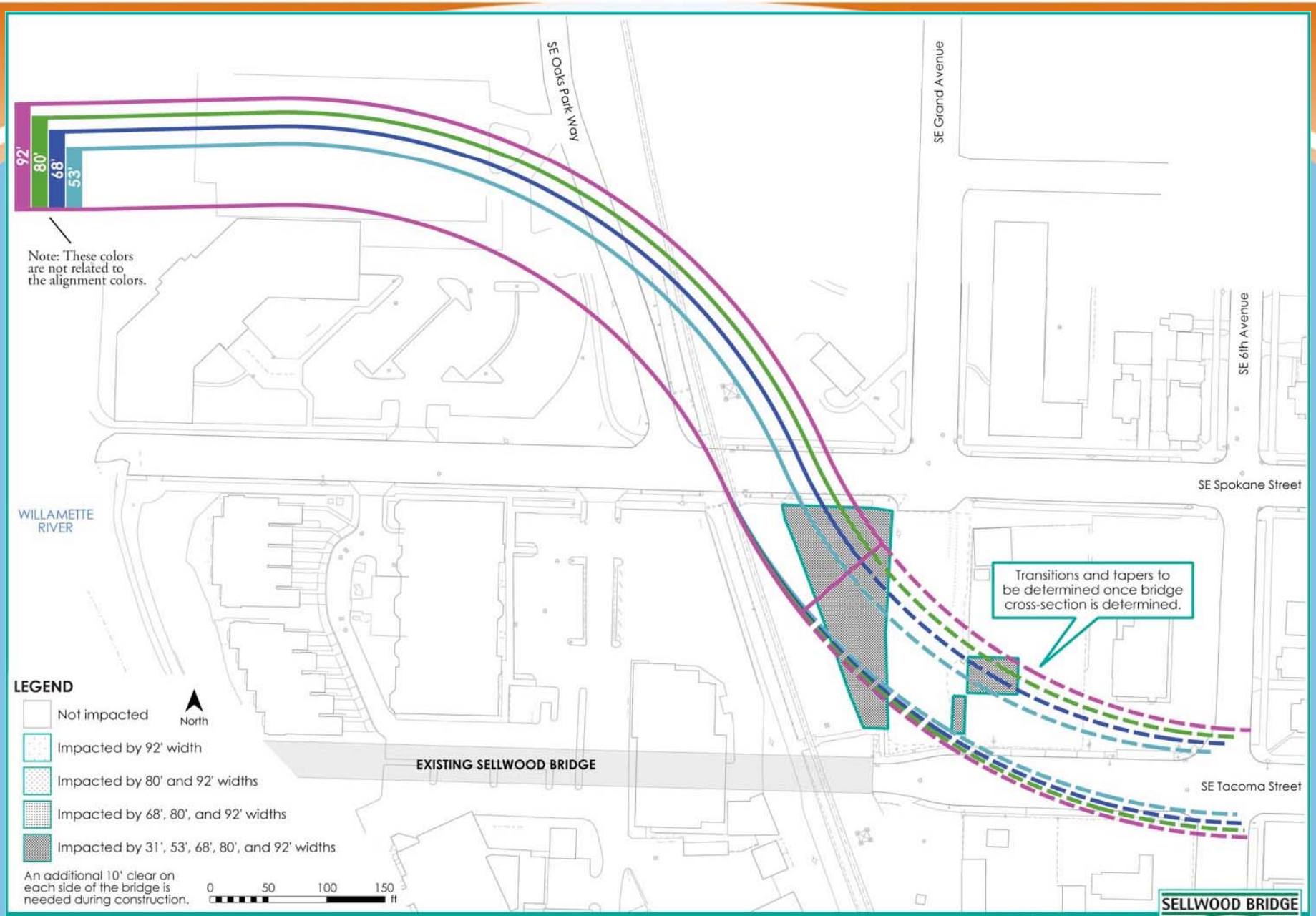
Online Resources

- Project website: www.sellwoodbridge.org
  - **'Build A Bridge' tool** – interactive, so that you can assemble and compare alternatives
  - **Online survey** to recommended alternatives for further study and submit other comments

Questions / Comments



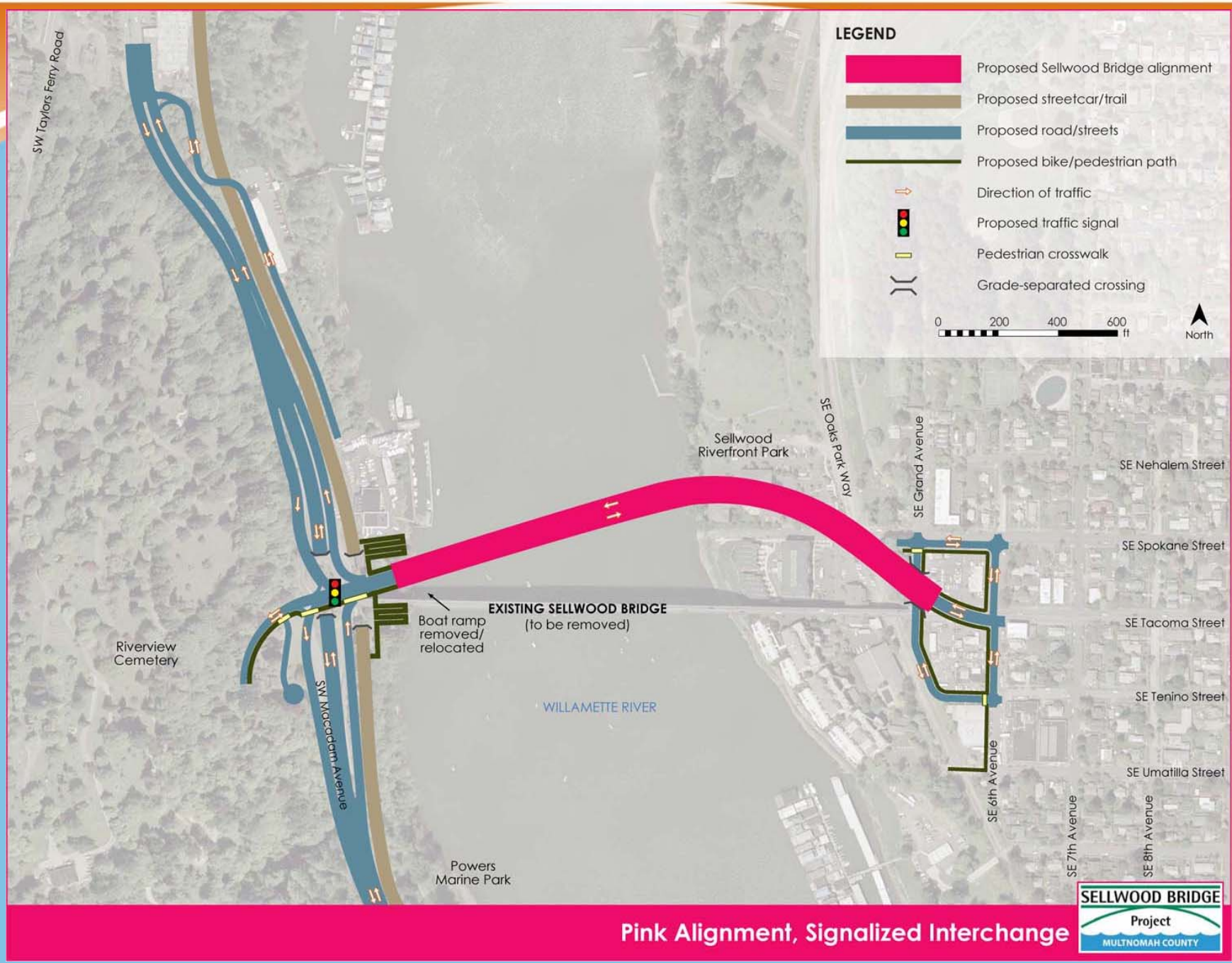

LEGEND
Proposed Sellwood Bridge alignment
Proposed streetcar/trail
Proposed road/streets
Proposed bike/pedestrian path
Direction of traffic
Proposed traffic signal
Pedestrian crosswalk
Grade-separated crossing
0 200 400 600 ft
North
SW Taylors Ferry Road
Sellwood Riverfront Park
SE Oaks Park Way
SE Grand Avenue
SE Nehalem Street
SE Spokane Street
SE Tacoma Street
SE Tenino Street
SE Umatilla Street
SE 6th Avenue
SE 7th Avenue
SE 8th Avenue
Boat ramp removed/ relocated
EXISTING SELLWOOD BRIDGE
(to be removed)
Riverview Cemetery
SW Macadam Avenue
WILLAMETTE RIVER
Powers Marine Park
Teal Alignment, Signalized Interchange
SELLWOOD BRIDGE Project
MULTNOMAH COUNTY

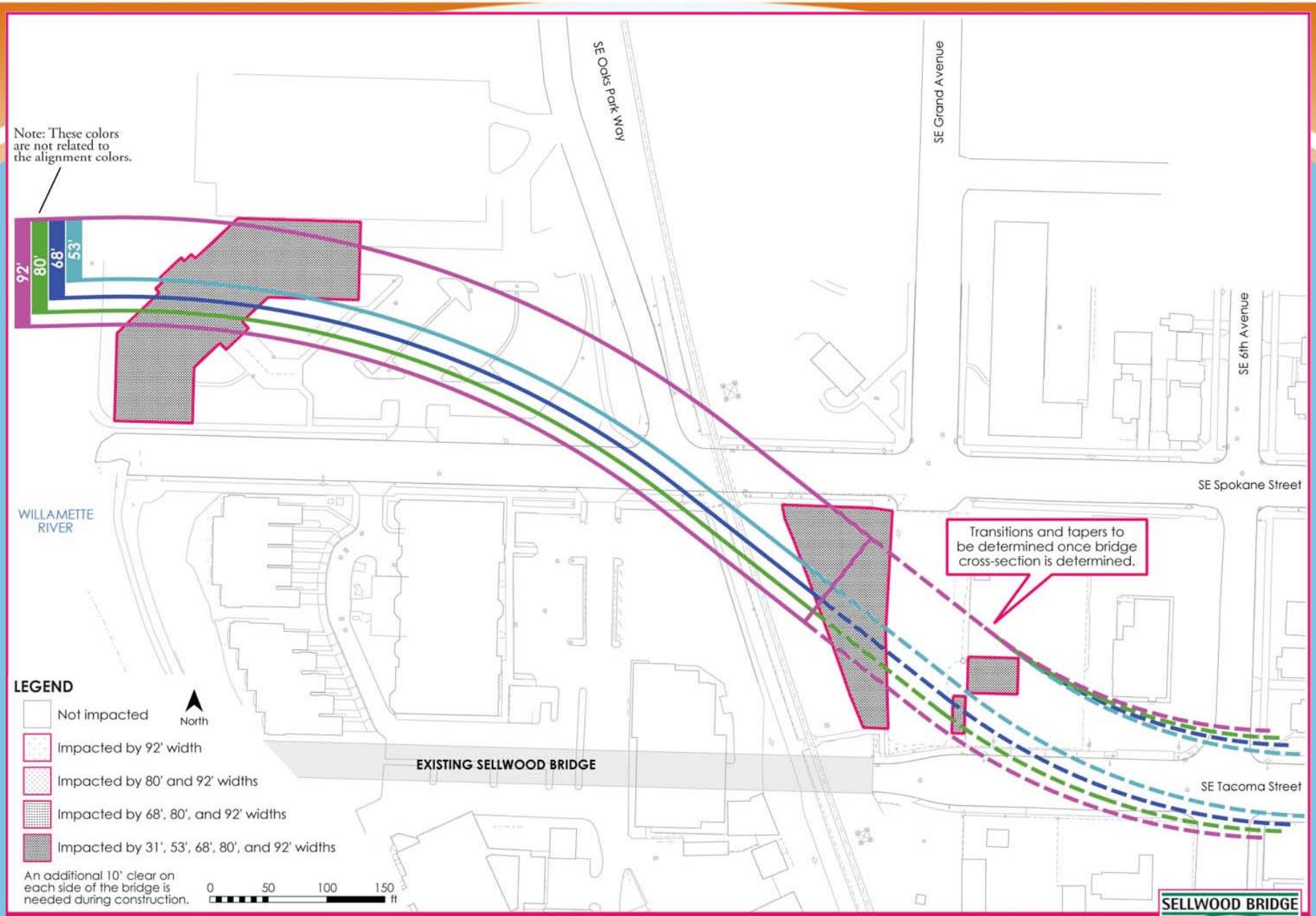


Eastside Impacts

Teal Alignment Footprint

SELLWOOD BRIDGE Project
MULTNOMAH COUNTY

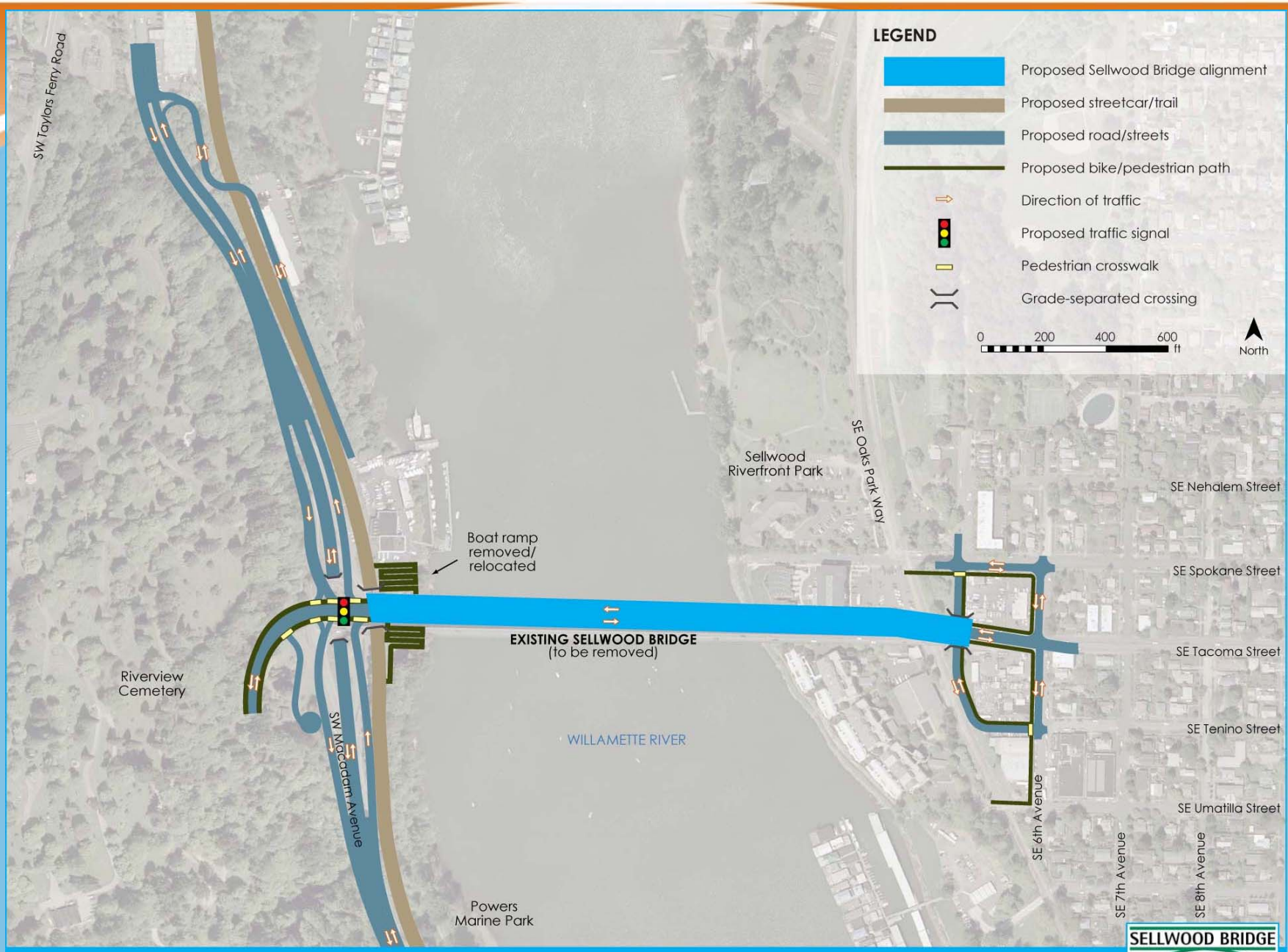

LEGEND
Proposed Sellwood Bridge alignment
Proposed streetcar/trail
Proposed road/streets
Proposed bike/pedestrian path
Direction of traffic
Proposed traffic signal
Pedestrian crosswalk
Grade-separated crossing
0 200 400 600 ft
North
SW Taylors Ferry Road
Sellwood Riverfront Park
SE Oaks Park Way
SE Grand Avenue
SE Nehalem Street
SE Spokane Street
SE Tacoma Street
SE Tenino Street
SE Umatilla Street
SE 6th Avenue
SE 7th Avenue
SE 8th Avenue
EXISTING SELLWOOD BRIDGE
(to be removed)
Boat ramp removed/ relocated
Riverview Cemetery
SW Macadam Avenue
WILLAMETTE RIVER
Powers Marine Park
Pink Alignment, Signalized Interchange
SELLWOOD BRIDGE Project
MULTNOMAH COUNTY



Eastside Impacts

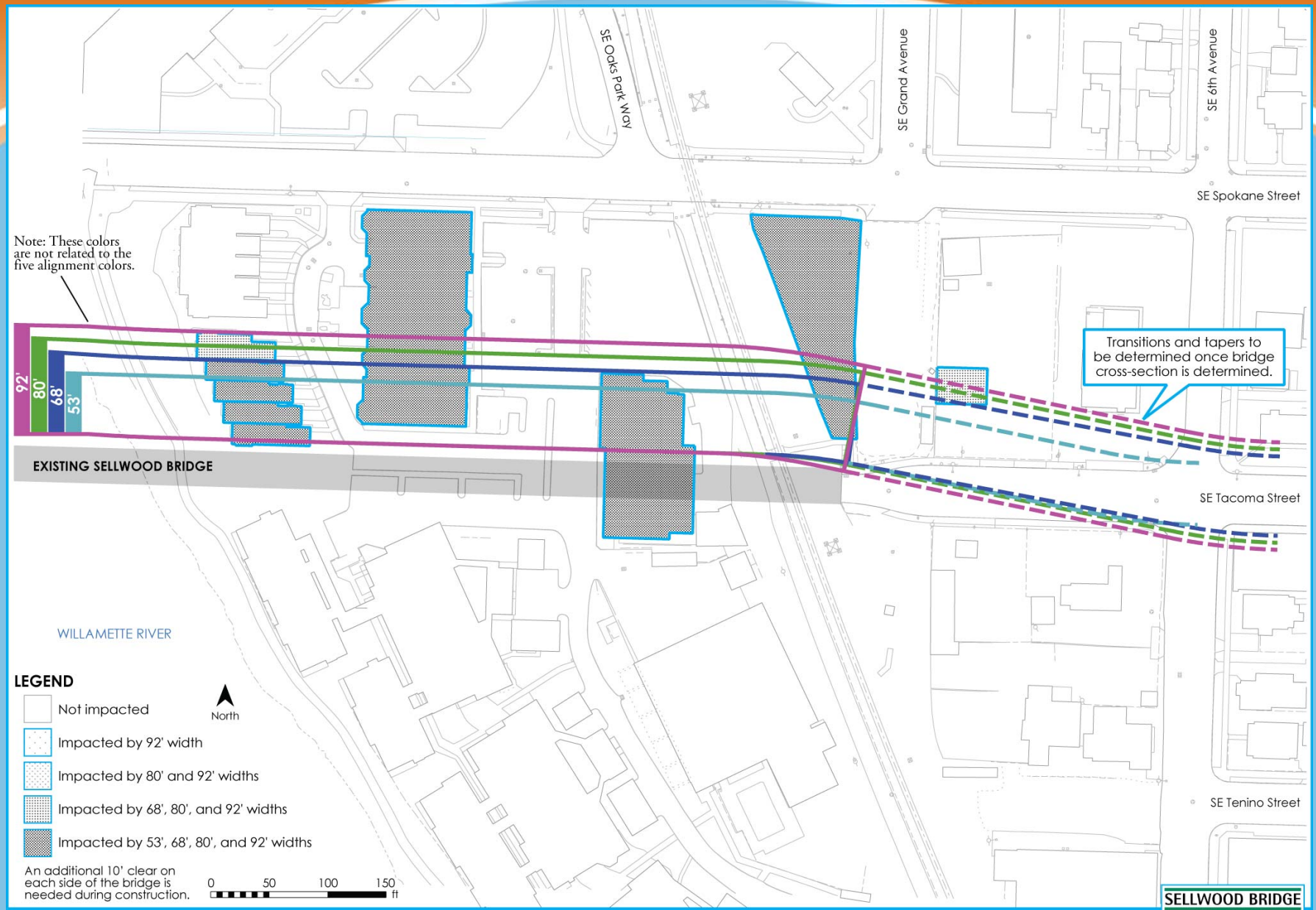
Pink Alignment Footprint

SELLWOOD BRIDGE Project
MULTNOMAH COUNTY



Blue Alignment, Signalized Interchange

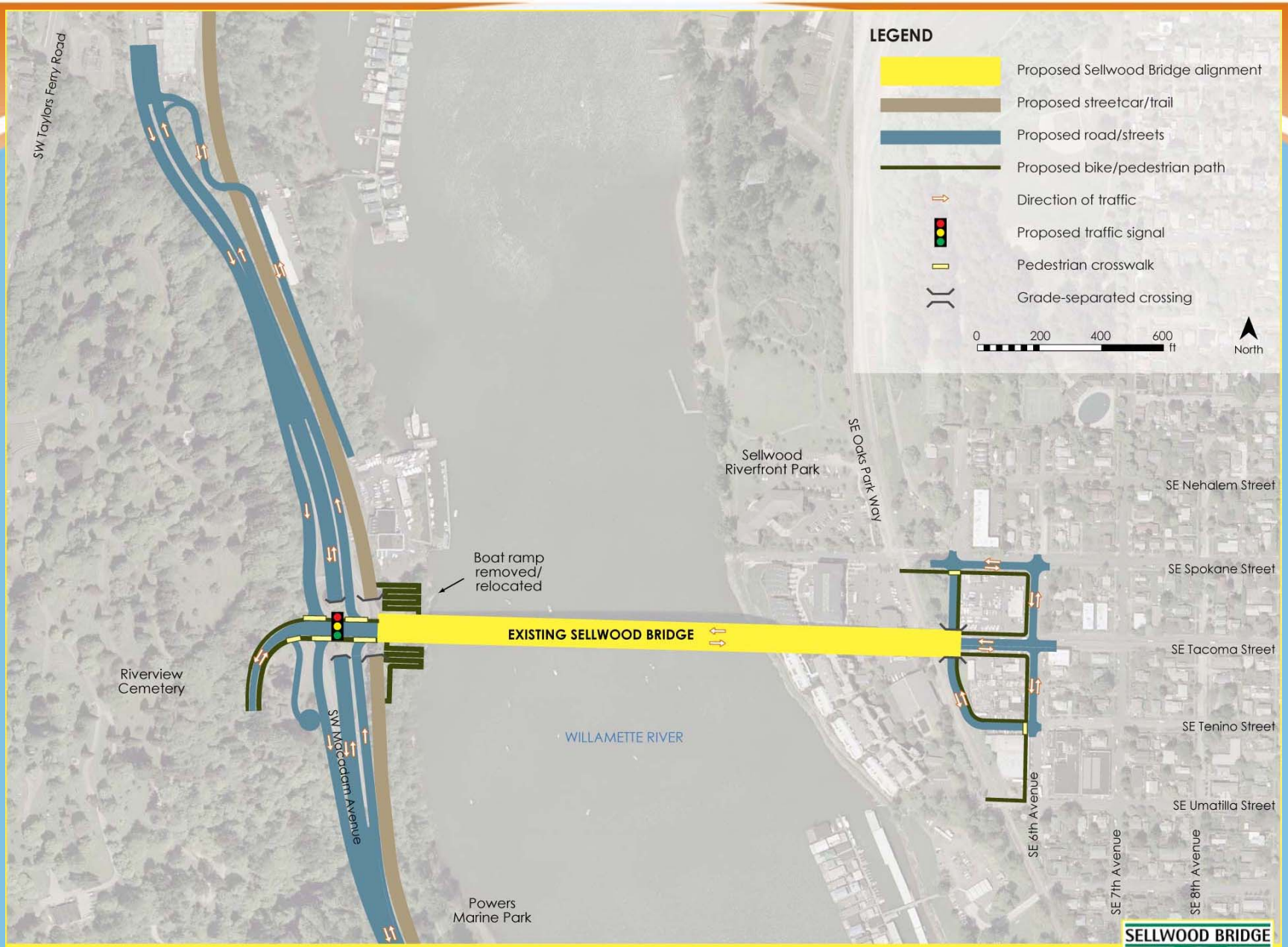
SELLWOOD BRIDGE Project
MULTNOMAH COUNTY



Eastside Impacts

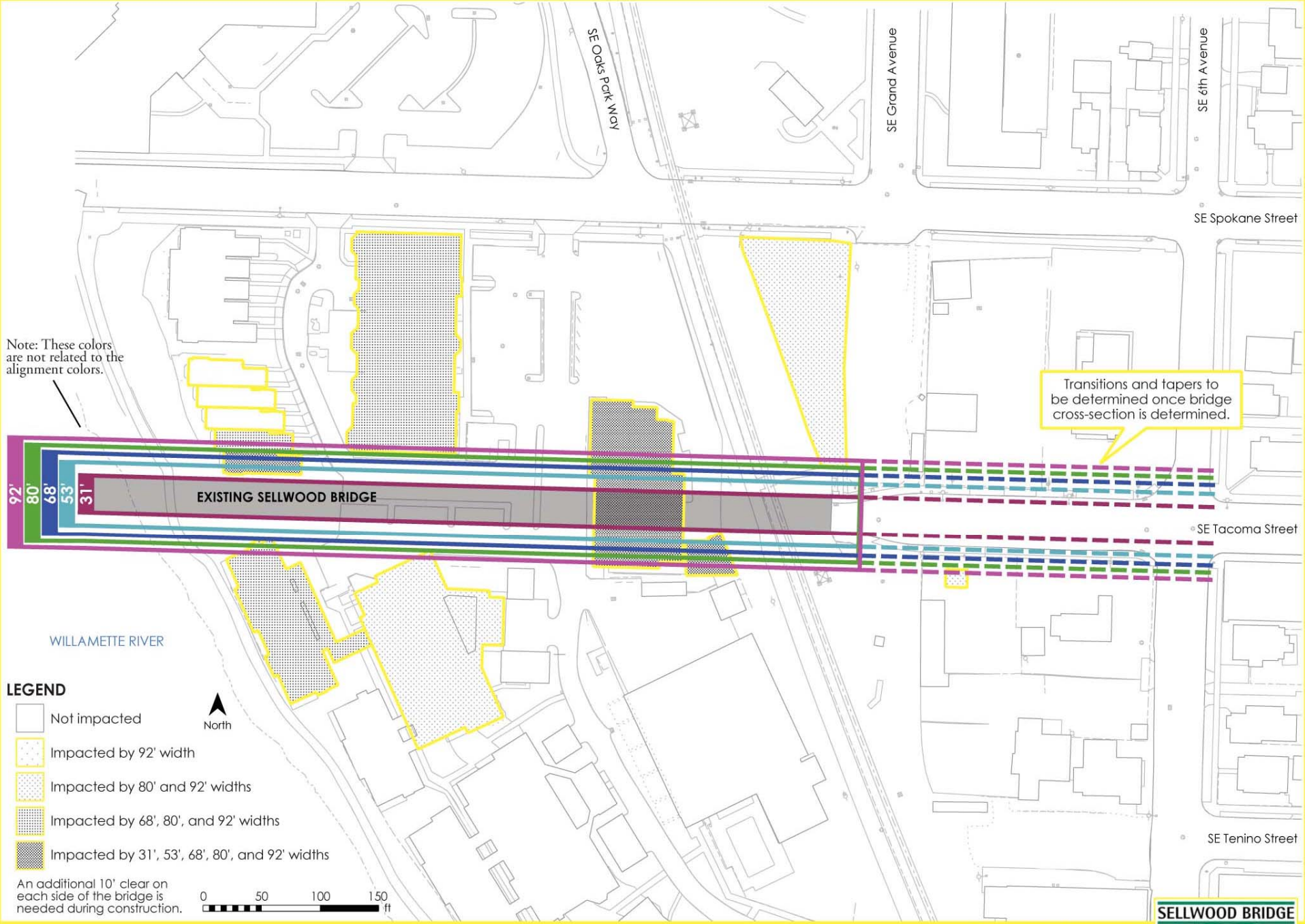
Blue Alignment Footprint

SELLWOOD BRIDGE Project
MULTNOMAH COUNTY



Yellow Alignment, Signalized Interchange

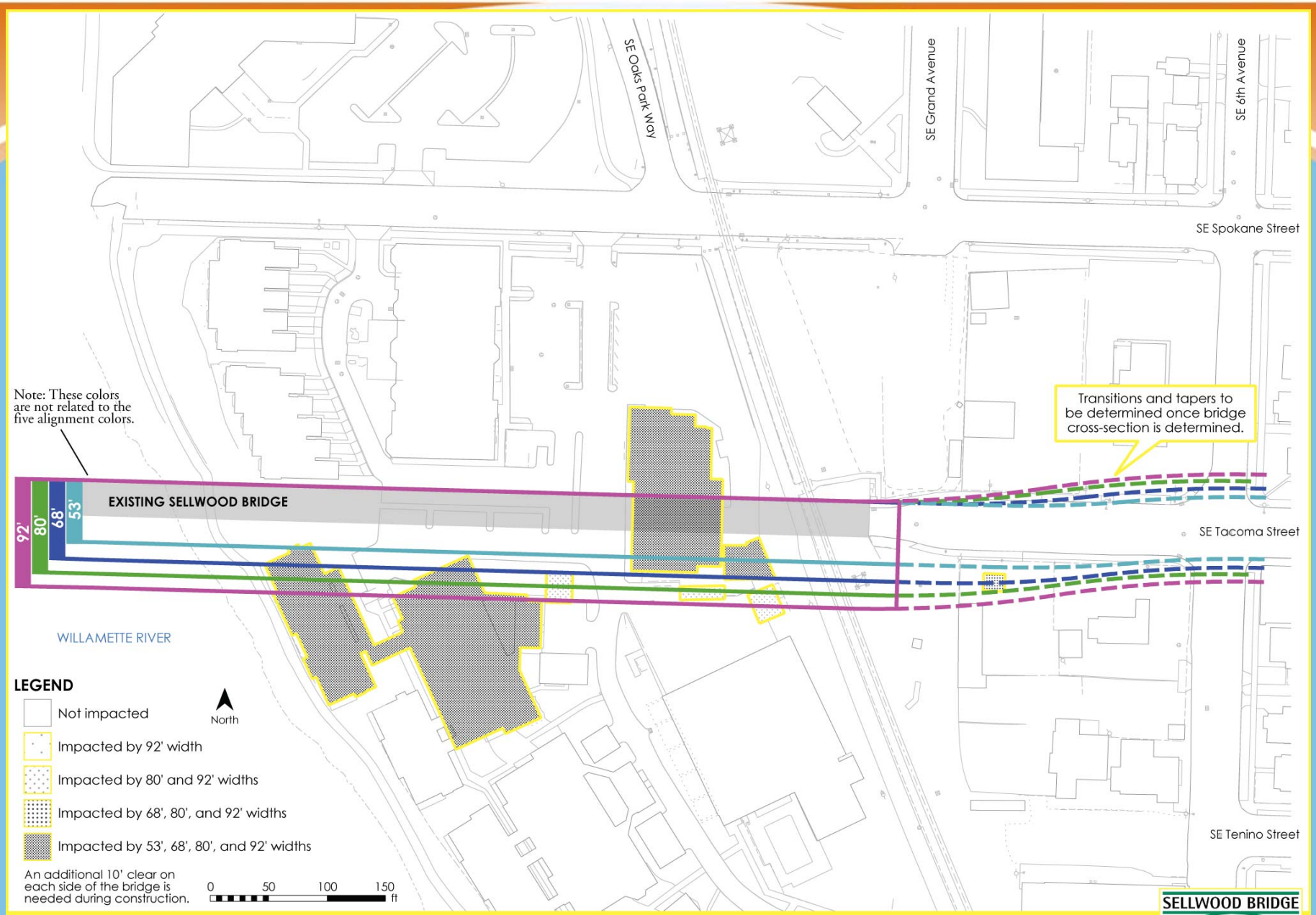
SELLWOOD BRIDGE Project
MULTNOMAH COUNTY



Eastside Impacts

Yellow Alignment Footprint—Existing Bridge Rehabilitation/New Bridge

SELLWOOD BRIDGE Project
MULTNOMAH COUNTY

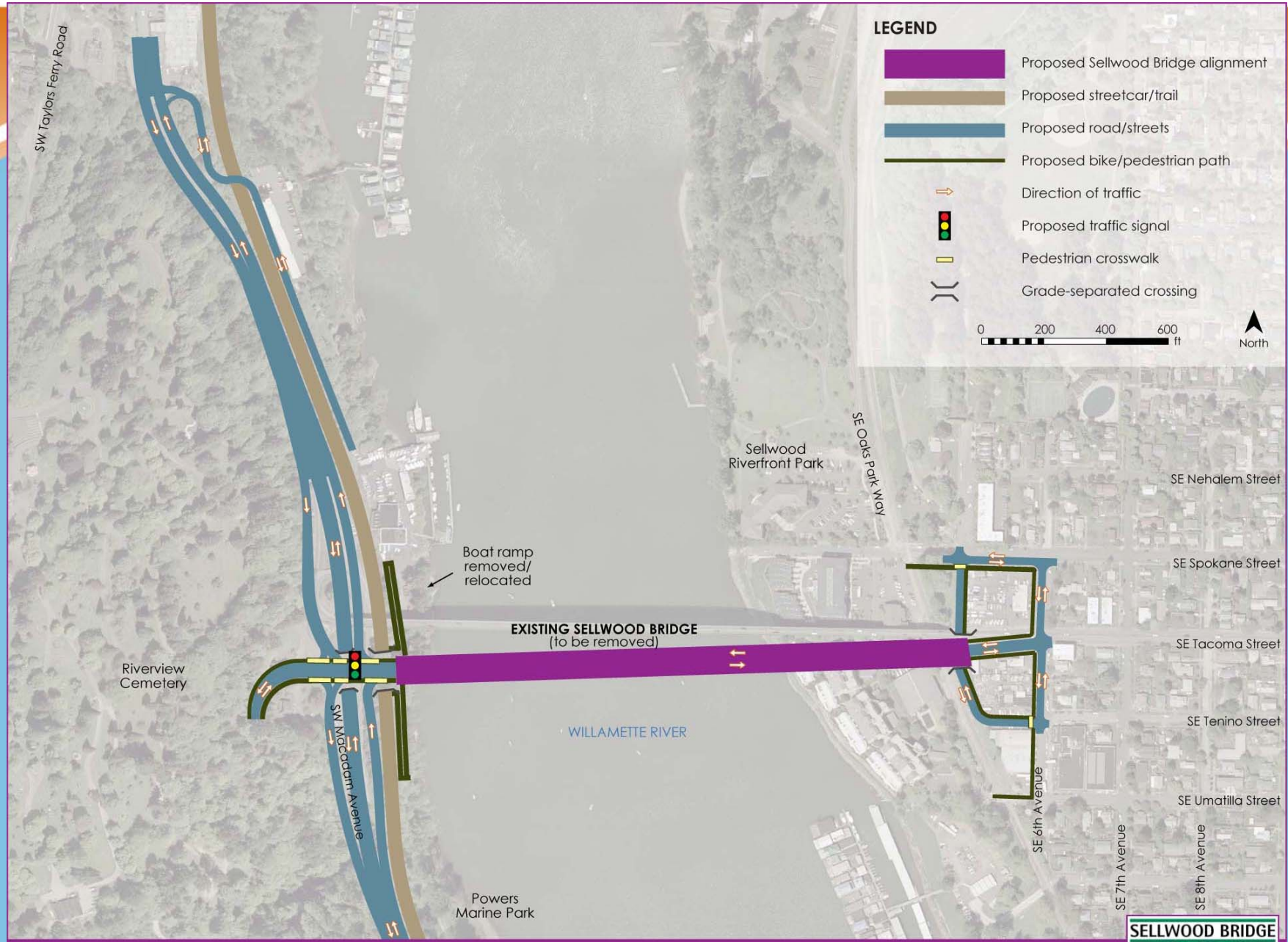


Eastside Impacts

Yellow Alignment Footprint—Widening to the South Only

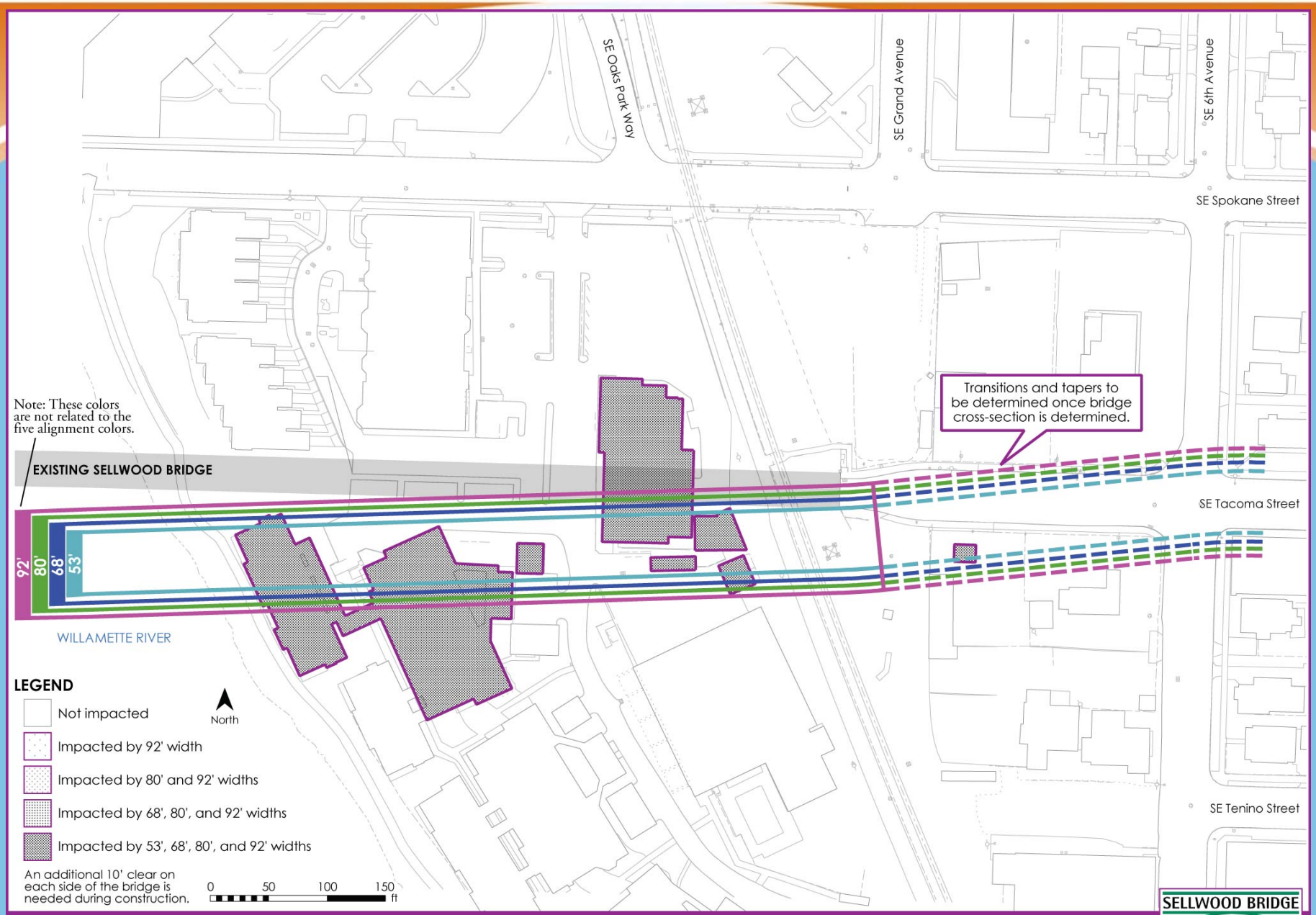
SELLWOOD BRIDGE Project
MULTNOMAH COUNTY

T8022007002PDX 346242.A1.08.04.02 3/14/07 kw



Purple Alignment, Signalized Interchange

SELLWOOD BRIDGE Project
MULTNOMAH COUNTY



Eastside Impacts

Purple Alignment Footprint

SELLWOOD BRIDGE Project
MULTNOMAH COUNTY

1802200700 2PDX 346242.A1.08.04.02 3/14/07 kw