



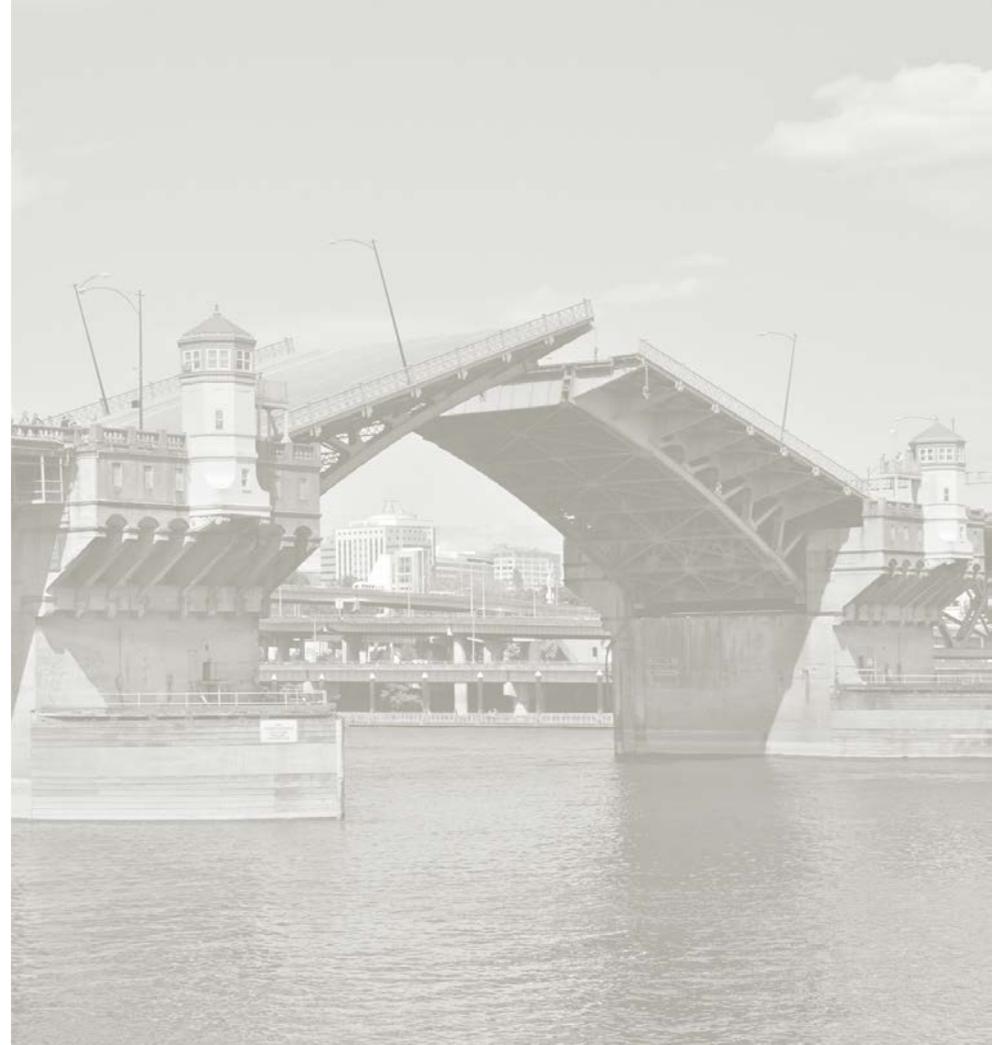
# Community Task Force Meeting

Department of Community Services  
Transportation Division

October 17, 2018

# Agenda

1. Welcome and Opening Remarks
2. CTF Roundtable
3. Charter Review
4. Project Overview
5. September Outreach
6. Environmental Review Phase Kickoff
7. Public Comment
8. Next Steps and Closing Remarks



# 2. Community Task Force

## Roundtable Introductions



**Why did you want to join the Community Task Force for this project?**

# 3. Charter Review



Earthquake Ready Burnside Bridge  
Better. Safer. Connected.



## Community Task Force Charter and Group Protocols **DRAFT**

### Preamble

Multnomah County is conducting a project to provide our community with a reliable Willamette River crossing on the Burnside regional lifeline route after a major earthquake. A Community Task Force will serve as an advisory body to Multnomah County (the County) during the environmental review phase.

The environmental review process is part of the County's requirements under the *National Environmental Policy Act (NEPA)*. This major project planning phase will consider the bridge alternatives and assess their benefits and impacts. During environmental review, preliminary designs of the alternatives are prepared and a range of issues are studied, including:

- Social, cultural, built and natural environment
- Cost and ease of construction
- Ability to survive and recover after an earthquake
- Other factors as required

In this phase, an Environmental Impact Statement (EIS) will be prepared and on completion, a single solution will be chosen for an Earthquake Ready Burnside Bridge.

### Purpose of Charter

This Charter and Group Protocols document (the Charter) will guide the operation of the Earthquake Ready Burnside Bridge Community Task Force (the CTF) and the Charter will be endorsed at the inaugural meeting of the Community Task Force.

This charter is intended to provide a clear definition of the CTF and the roles and responsibilities of the CTF members, the group facilitator, County staff, the consultant team and any invited guests. It also identifies the way in which the CTF will operate, including decision-making processes, meeting conduct and communication. Once agreed upon by the CTF, the charter will guide the work and conduct of the CTF in an open and transparent way.

### Purpose of the Community Task Force

The purpose of the CTF is to serve as an advisory body to the County by:

- Considering the potential environmental impacts of the alternatives
- Providing informed insights and opinions on the impacts being evaluated
- Discussing technical recommendations and suggesting measures to avoid, minimize or mitigate potential impacts
- Representing the interests, needs and opinions of community, business organizations and groups
- Providing input from other community member, stakeholders and interested



# 4. Project Overview

## Background

### Regional Earthquake Risk

- **"The Oregon Resilience Plan: Reducing Risk and Improving Recovery for the Next Cascadia Earthquake and Tsunami"** - *Report to the 77<sup>th</sup> Legislative Assembly from Oregon Seismic Safety Policy Advisory Commission (OSSPAC), Feb, 2013*
- **"The Really Big One: An earthquake will destroy a sizable portion of the coastal Northwest. The question is when."** - *The New Yorker, July 20th, 2015*
- **"Half Of Oregon's Critical Bridges Could Collapse In Quake"** - *OPB, Sept 25th, 2015*
- **"Unprepared: An Oregon Field Guide Special"** - *Season 27 Episode #2701 Oct 1st, 2015*

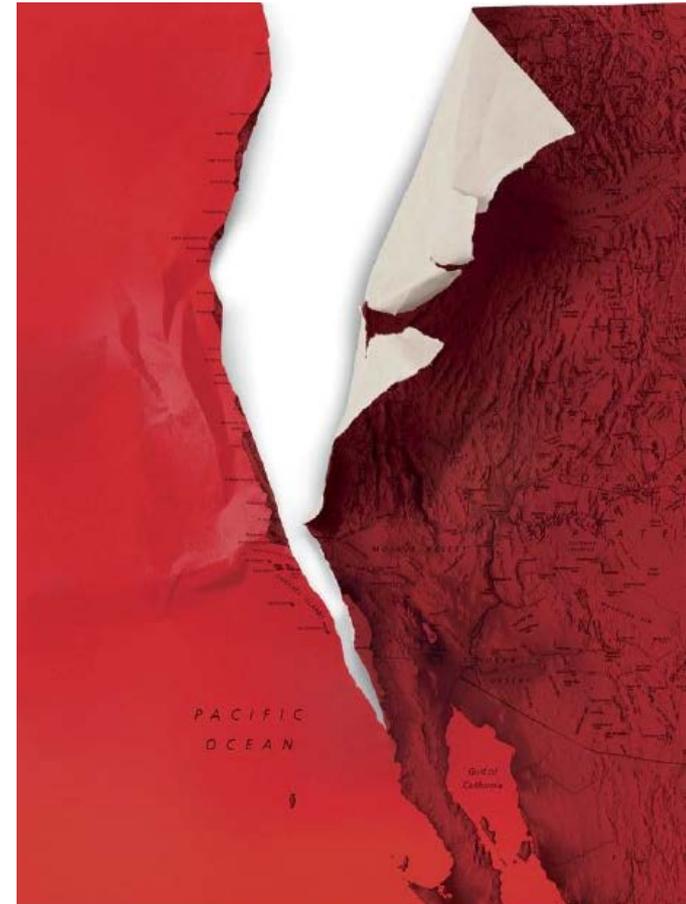


Illustration by Christoph Niemann; Map by Ziggymaj / Getty

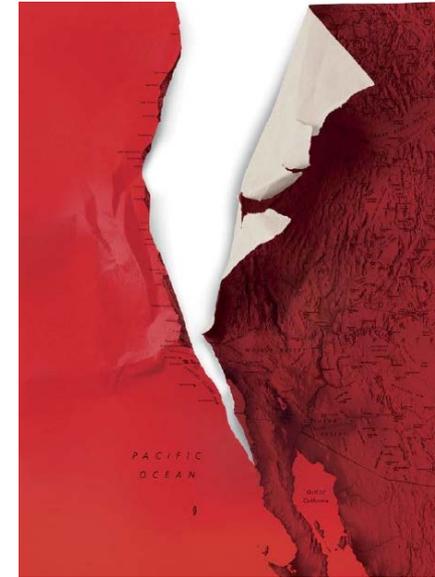


# 4. Project Overview

## Background

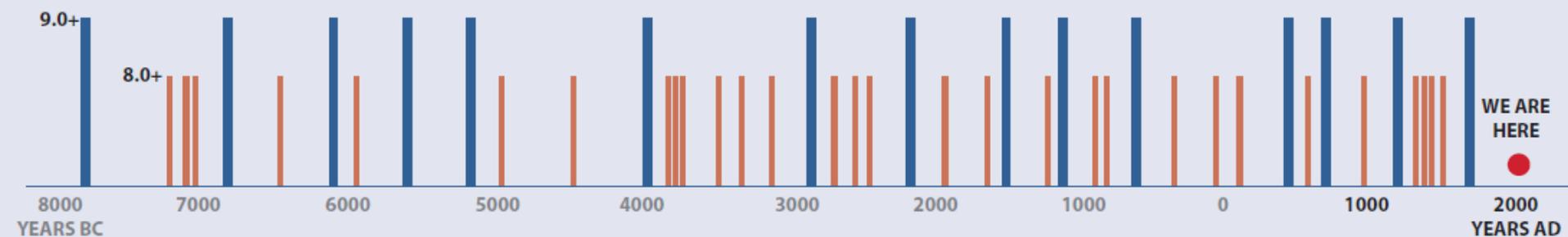
REGIONAL  
EARTHQUAKE  
RISK

1 in 3 chance of  
magnitude 8+  
earthquake  
within 50 years



### CASCADIA SUBDUCTION ZONE (CSZ) EARTHQUAKE

Last major quake in Oregon occurred 317 years ago, a timespan that exceeds 75% of the intervals between the major quakes to hit Oregon over the last 10,000 years.

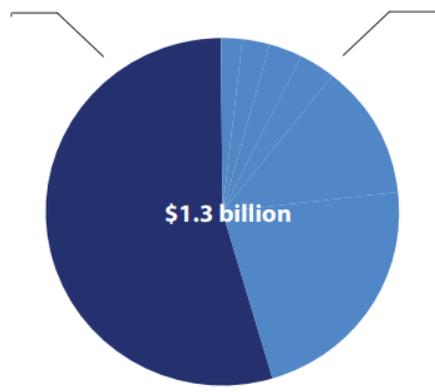


# 4. Project Overview

## Background

**CALL TO ACTION**

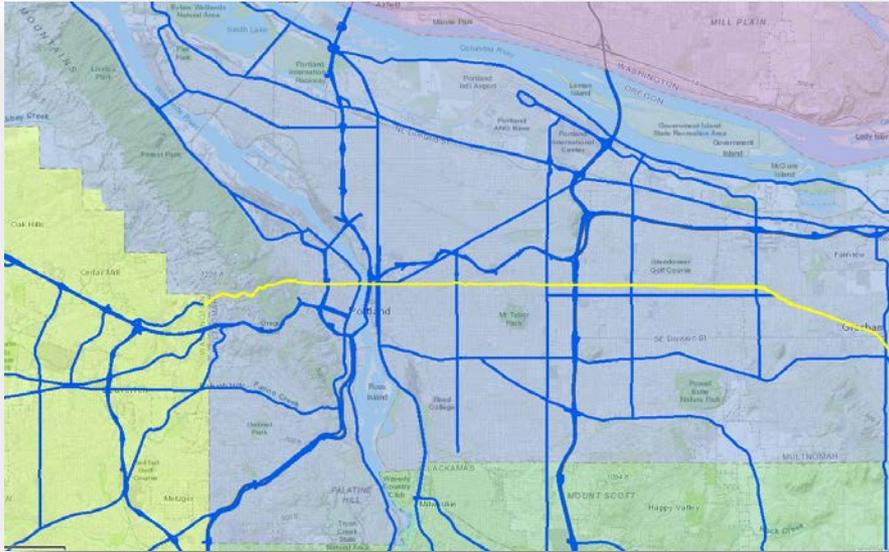
**2015 Willamette River Bridges Capital Improvement Plan identified the Burnside Bridge as number one priority for seismic resiliency**



\* Including Burnside Bridge retrofit or replacement.

# 4. Project Overview

## Background – Why Burnside?

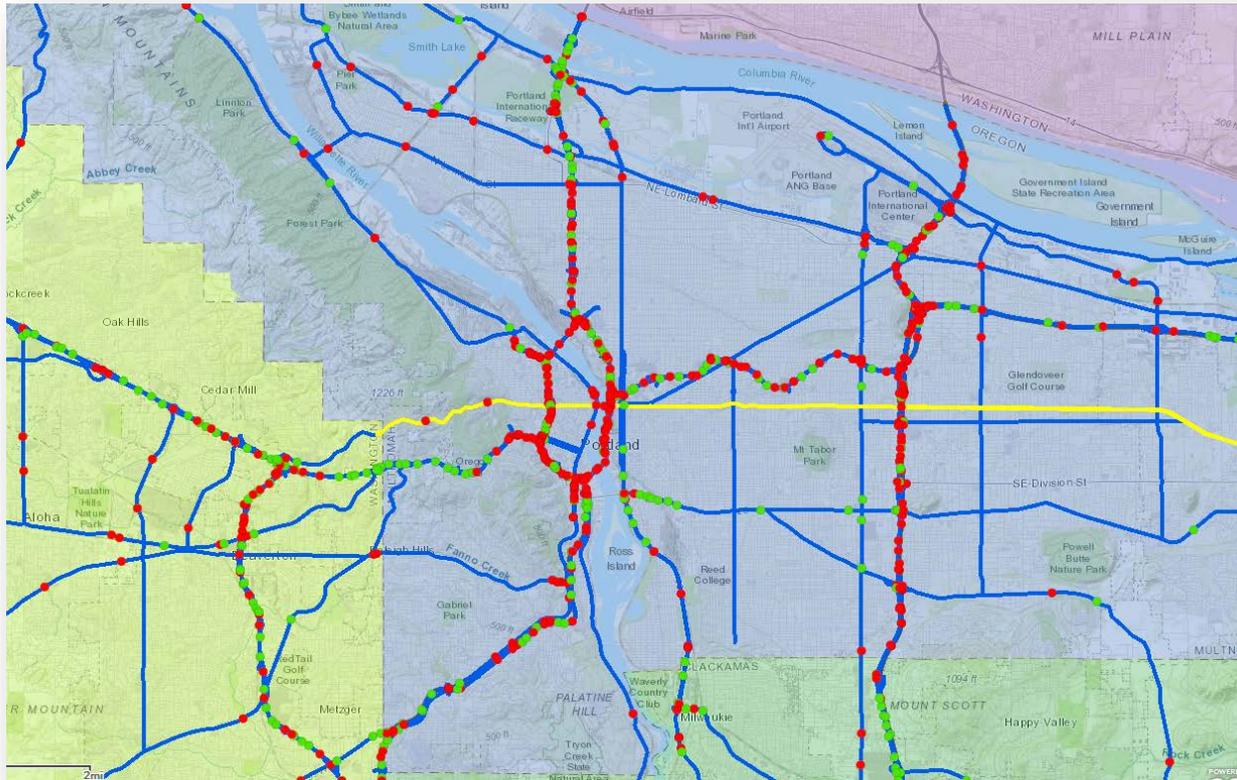


- Metro declared all of Burnside Street a **regional lifeline route**
- Burnside Street runs almost **19 miles**, from the Washington County line in the west to Mount Hood Highway (US 26) in the east
- Located in the heart of downtown, the Burnside Bridge is a **key link across the Willamette River**
- Burnside Street was chosen because it had the **fewest risks of having overpasses collapse on it** during an earthquake



# 4. Project Overview

## Background – Why Burnside?



### I-5

From Columbia River to I-205 (24 miles), has **143** seismically vulnerable structures.

### I-405

From Fremont Bridge to Marquam Bridge (4.5 miles), has **49** seismically vulnerable structures.

### I-84

From I-5 to I-205 (7 miles), has **35** seismically vulnerable structures.

### Burnside Street

From US-26 in Beaverton to Mt. Hood Highway in Gresham (19 miles), has **6** seismically vulnerable structures.



# 4. Project Overview

## Purpose



Create a seismically resilient Burnside Street lifeline crossing of the Willamette River that will remain fully operational and accessible for vehicles and other modes of transportation immediately following a major CSZ earthquake.



Support the region's ability to provide rapid and reliable emergency response, rescue and evacuation after a major earthquake, as well as enable post-earthquake economic recovery.



Provide a long-term, low-maintenance and safe crossing for all users.



# 4. Project Overview

## Need



**Need for a Seismically Resilient River Crossing and Lifeline Route**



**Need for Post-Earthquake Emergency Response**



**Need for Post-Earthquake Recovery**



**Need for Emergency Transportation  
Routes and Seismic Resiliency as Stated  
in Plan and Policy Directives**



**Need for Long-term, Multi-Modal Travel Across the River**



# 4. Project Overview

## Feasibility Study Process and Findings

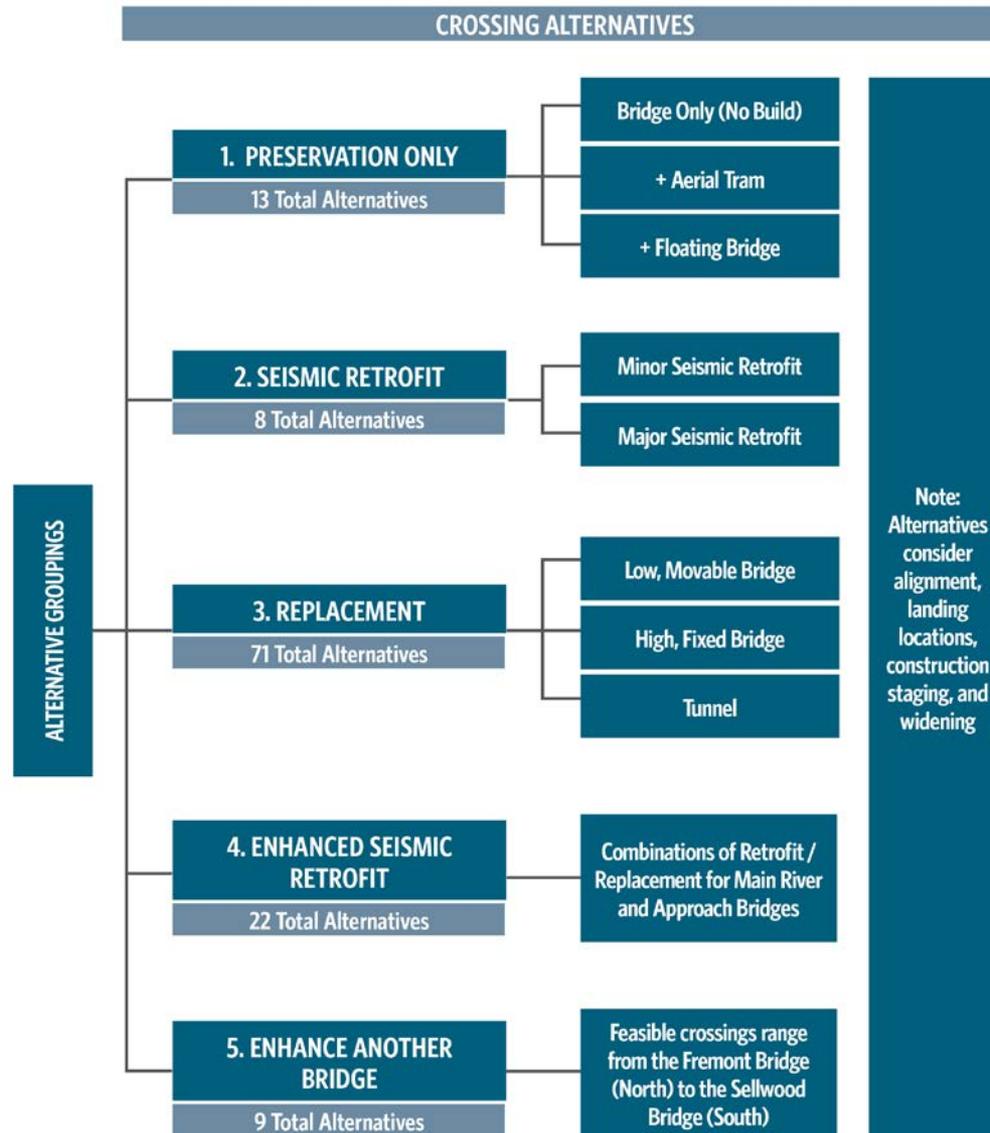


What did we do?



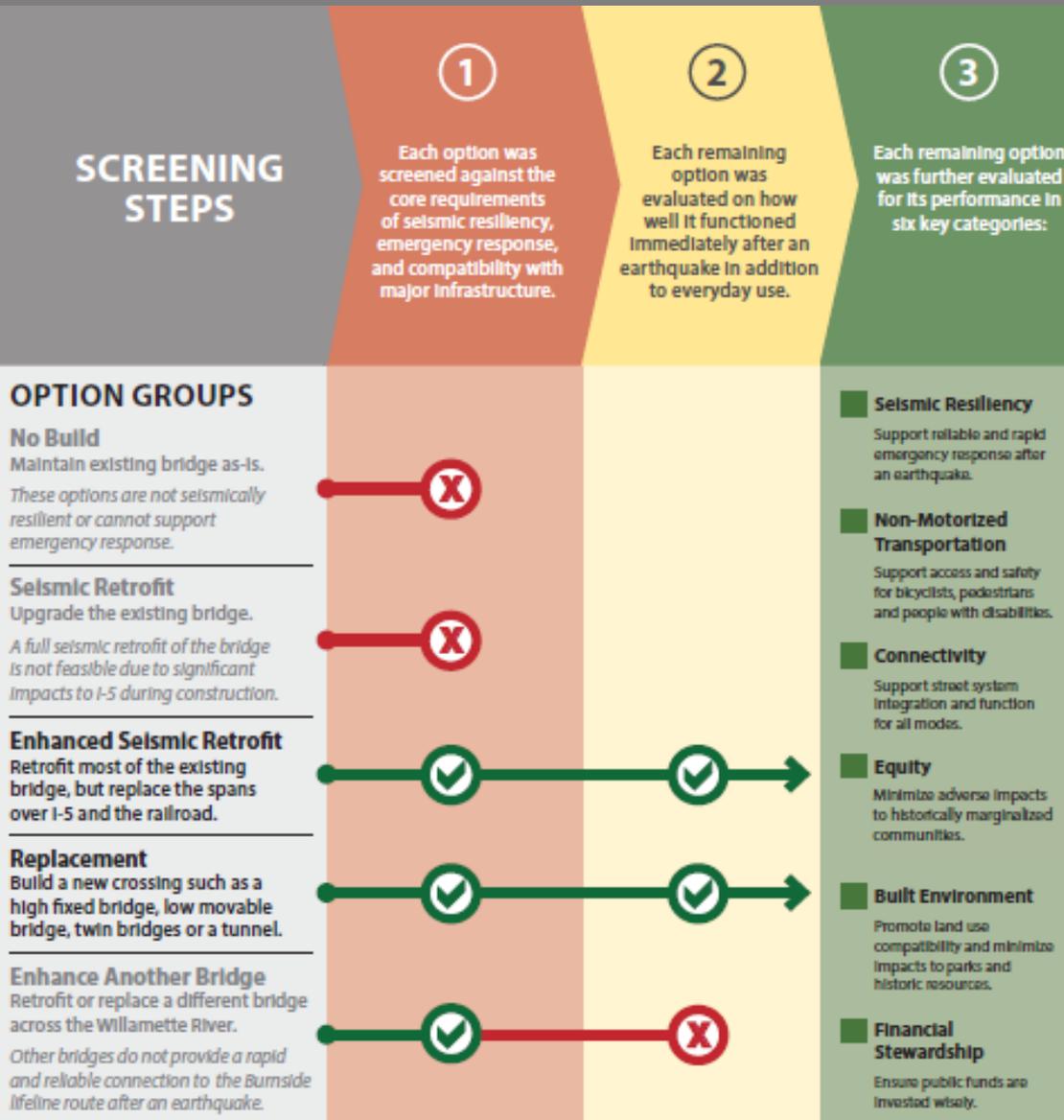
# 4. Project Overview

## Feasibility Study Process and Findings



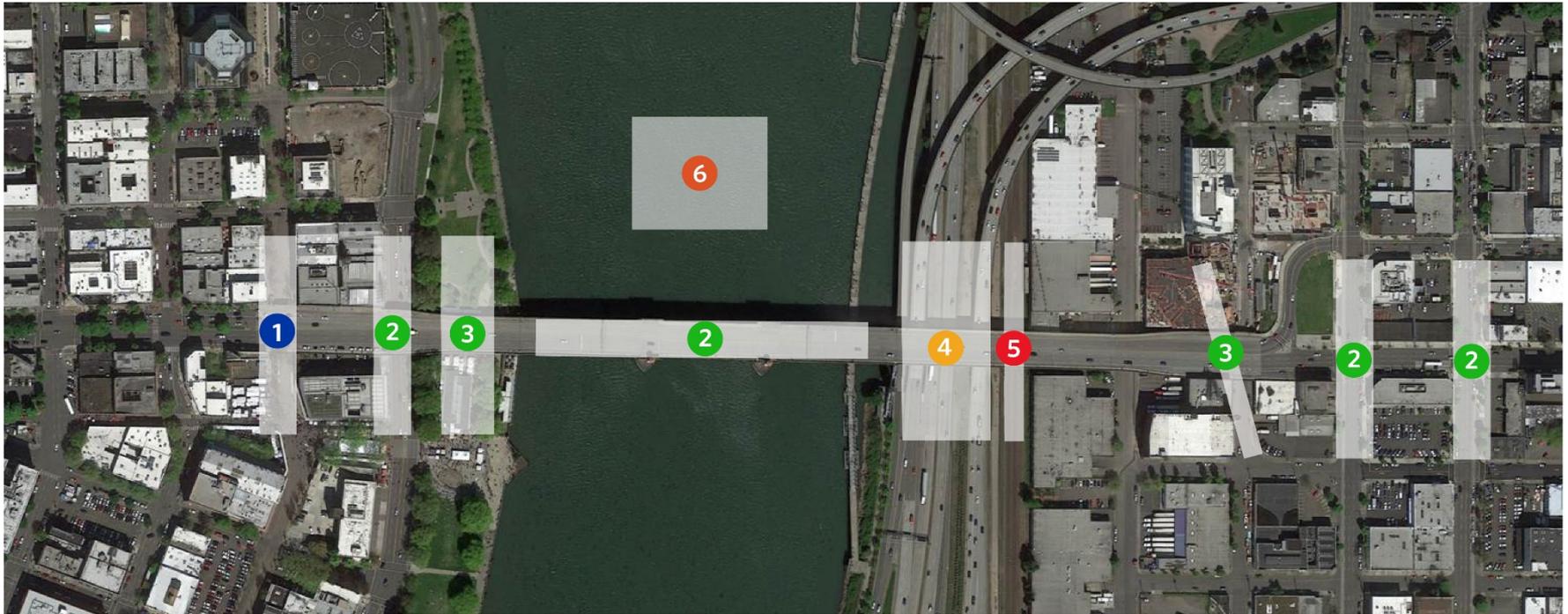
# 4. Project Overview

## Feasibility Study Process and Findings



100+ options  
to  
4 recommended

# 4. Project Overview



**TRIMET** 1 TriMet Lightrail Service

 4 Oregon Department of Transportation Highway Facilities (I-5 and I-84)

 2 City of Portland Roadway (Naito Pkwy, NE/SE MLK, NE/SE Grand)  
3 City of Portland Combined Sewer Overflow

 5 Union Pacific Railroad Mainline

 6 U.S. Coast Guard / River Navigation

# 4. Project Overview

## Feasibility Study Process and Findings

### ENHANCED SEISMIC RETROFIT

An upgrade of the existing bridge to meet current seismic standards. Because a retrofit over the I-5 corridor and railroad is not feasible due to long-term closures during construction. That portion of the bridge will be replaced. This option would maintain its existing 86 foot width over the river.



### REPLACEMENT: Fixed Bridge

A new fixed bridge with a maximum clearance of 97 feet, at about the same location as the current bridge to allow for ship passage. The west landing could touch down up to three blocks further west of the current bridge. This option assumes a width of approximately 110 feet over the river.



### REPLACEMENT: Movable Bridge

A new movable bridge at about the same height and location as the current bridge. This option assumes a width of approximately 110 feet over the river.



### REPLACEMENT: Movable Bridge – NE Couch Connection

A new movable bridge at about the same height as the current bridge. The east landing splits to connect to NE Couch Street. Westbound traffic enters from NE Couch Street. This option assumes a width of approximately 110 feet over the river.

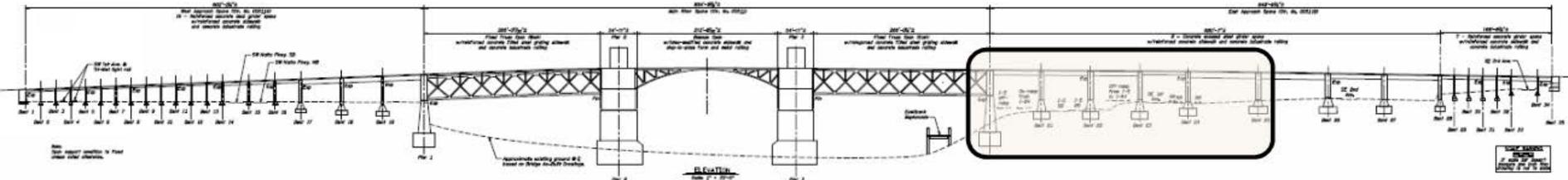


The 4 recommended build options.

A No-Build option will also be evaluated.

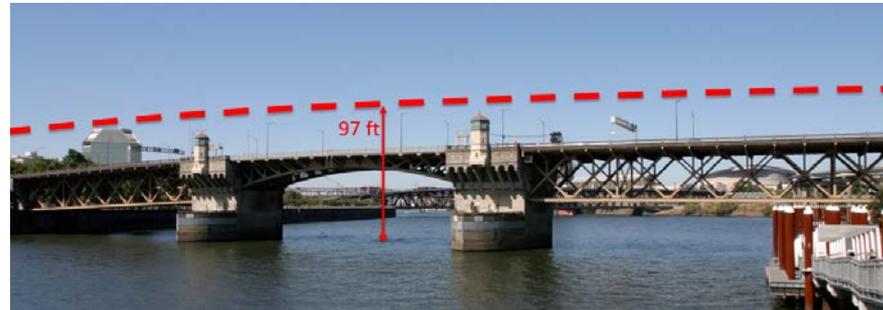
# 4. Project Overview

## Enhanced Seismic Retrofit



# 4. Project Overview

## Replacement: Fixed Bridge



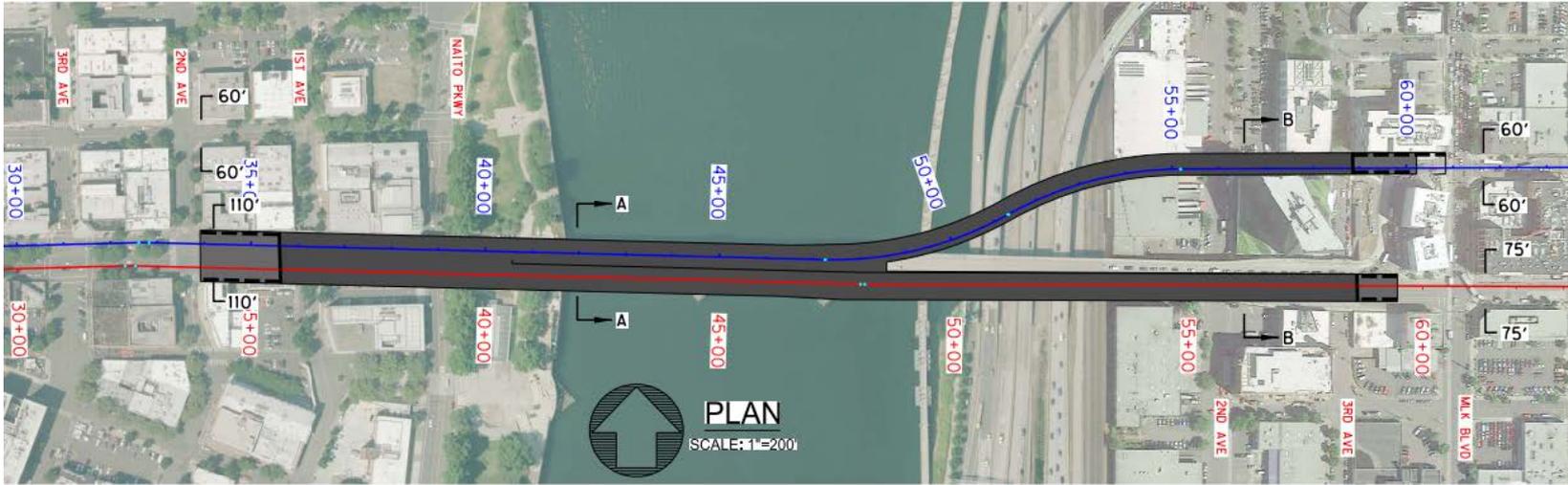
# 4. Project Overview

## Replacement: Movable Bridge



# 4. Project Overview

## Replacement: Movable Bridge – NE Couch Connection



# 4. Project Overview

## Preliminary Project Costs (\$M)

Burnside St is open to traffic during construction

\$\$\$

Burnside St is closed to traffic during construction

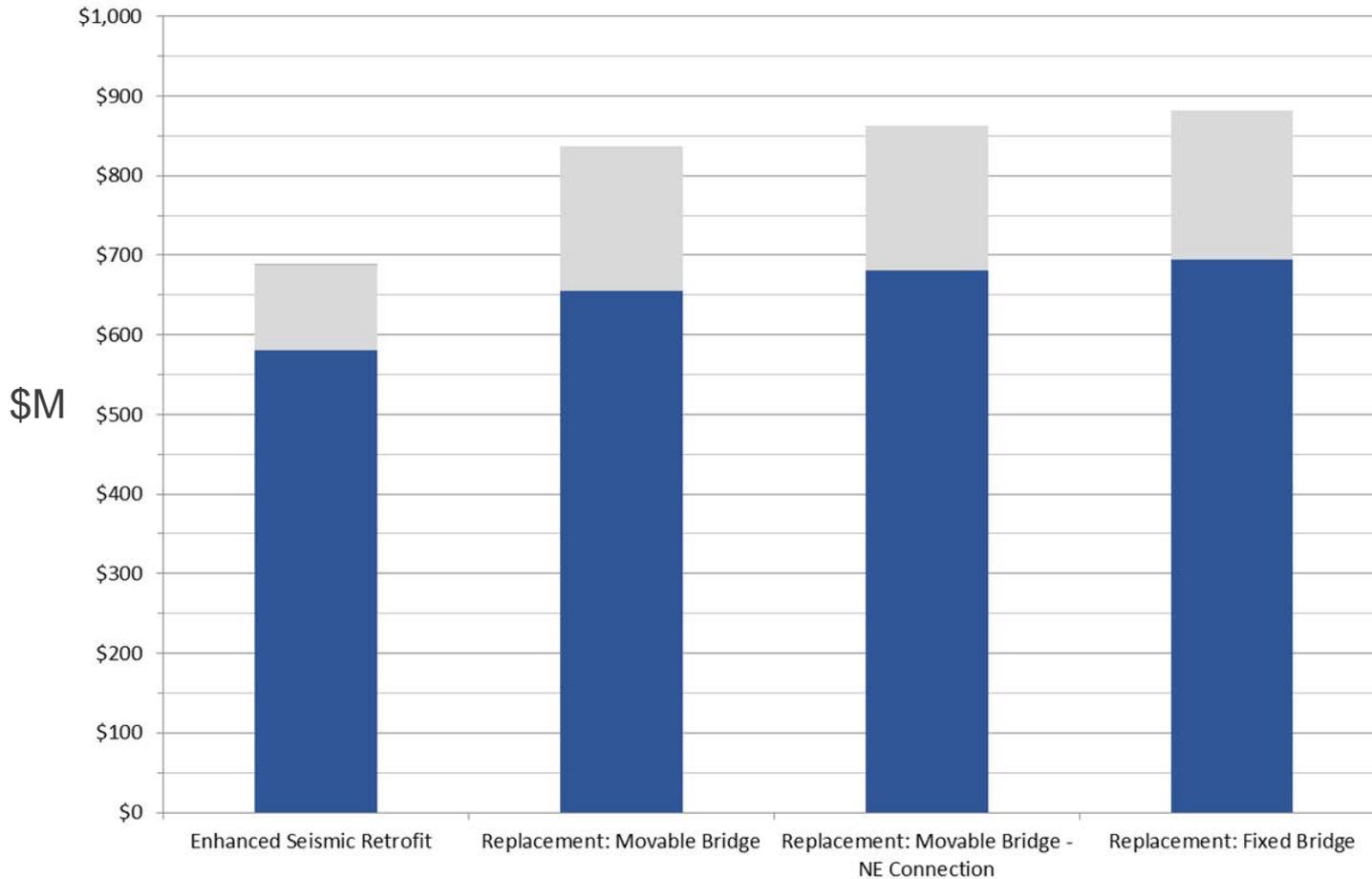
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# 4. Project Overview

## Total Preliminary Project Costs (\$M)



### Notes:

1. Project costs include NEPA, Design, ROW Acquisition, and Construction phases
2. Project costs are escalated to the year of construction



# 4. Project Overview

## Briefings and Presentations

- EQRB Stakeholder Representatives Group – 4/16/18
- EQRB Policy Group – 4/26/18
- Board of County Commissioners – 5/24/18
- Metro Joint Policy Advisory Committee on Transportation – 6/21/18
- Historic Landmarks Commission – 6/25/18 & 10/8/18
- City Club Friday Forum – 7/27/18
- East Multnomah County Transportation Committee – 8/13/18
- Regional Disaster Preparedness Organization 8/24/18
- ASCE Oregon Chapter Annual Conference – 9/11/18
- MultCo Public Information Officers – 9/12/18
- Regional Public Information Officers – 9/13/18
- Central Eastside Industrial Council – 10/2/18
- Old Town Community Association – 10/3/18



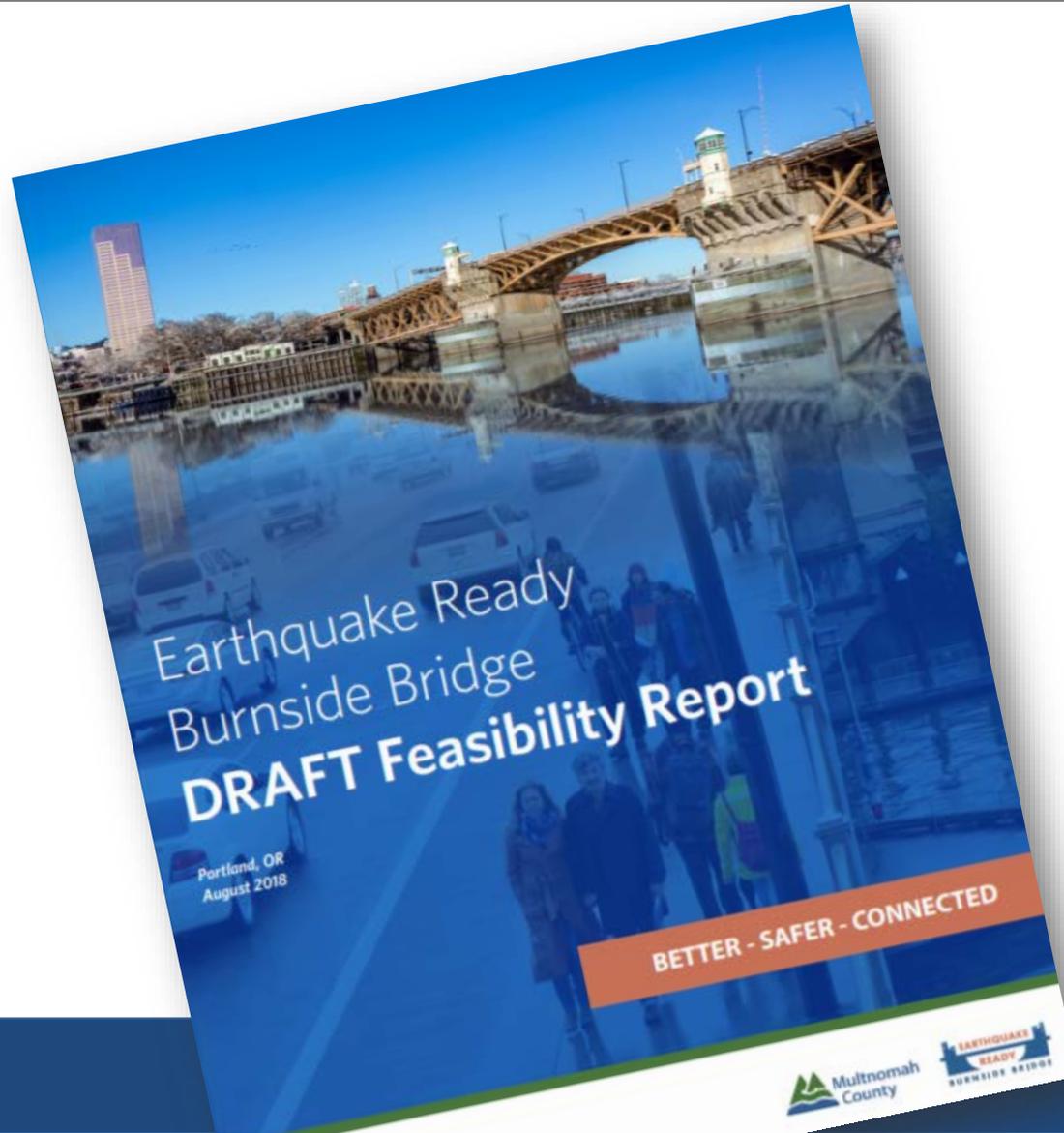
# 4. Project Overview

## Social Services Workshop – July 31, 2018



# 4. Project Overview

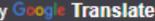
## Draft Feasibility Study Report



# 5. September Engagement

## Online Open House

ONLINE OPEN HOUSE: August 31 – September 30, 2018

Select Language   
Powered by  Google Translate



Welcome | Background | Bridge Options | Share Your Thoughts  | What's Next

## Welcome

Welcome to the Earthquake Ready Burnside Bridge online open house! Multnomah County is evaluating options for creating a resilient Burnside crossing that will withstand a major earthquake. At this point, the project is just wrapping-up the feasibility study that analyzed more than 100 Willamette River crossing options and recommended four options for further evaluation in the upcoming environmental review.

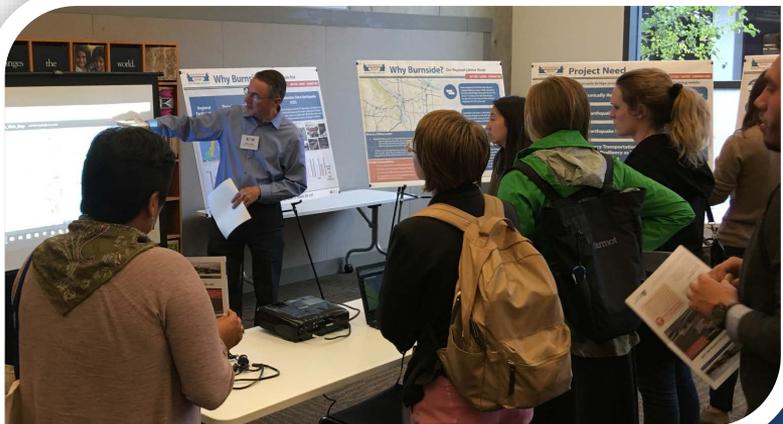
By participating in this open house and completing the survey questions you will have the opportunity to provide input on:

## Burnside Bridge

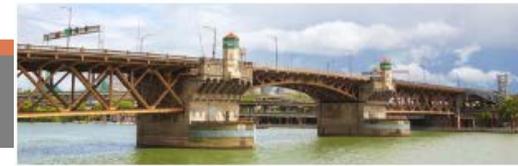


# 5. September Engagement

## In-Person Open Houses



# 5. September Engagement



## We're creating an earthquake-safe downtown river crossing

Located in the heart of Portland, the Burnside Bridge is a regionally established emergency route across the Willamette River. Providing a way to get across the river after a major earthquake will be critical for emergency response, reuniting families and helping our community recover.

Built in 1926, the Burnside Bridge was not designed to survive a large earthquake. Multnomah County is taking the lead on making the Burnside Bridge earthquake ready so our region can respond and recover more quickly.

The project has extensively screened over 100 options for the future of the Burnside Bridge in the draft [Feasibility Study](#). The study recommends a short list of options for additional study in the environmental review. We want to hear your feedback on:

- Recommended range of options
- Project purpose and need
- Scope of the environmental study
- Draft Feasibility Study

## Join the conversation!

We're hosting in-person and online opportunities during September where you can review and provide feedback on the work done so far, and weigh-in on what we should consider through the next phase of the project.

## Open house event

Tue. Sept. 25, 5-7 p.m.  
Fair-haired Dumbbell  
11 NE Martin Luther King Jr. Blvd. ([map](#))



With views looking onto the Burnside Bridge, join project team members in discussing the future of the bridge. We'll be in the colorful building ([Fair-haired](#))

## Videos and Social Media



Multnomah County, Oregon  
@MultCo

### Home

- About
- Photos
- Events
- Videos
- Reviews
- Posts
- Community
- Info and Ads

Create a Page

Like Following Share

Multnomah County, Oregon  
September 26 at 4:00 PM

Didn't make it to last night's open house for our Earthquake Ready Burnside Bridge project? You can still share thoughts on the options for a quake-ready crossing online through 9/30.  
Visit: <https://burnsidebridge.participate.online/>

77 Views

earthquake ready burnside bridge

Preparing the Burnside Bridge to survive the Big One  
423 Views

earthquake ready burnside bridge

Preparing the Burnside Bridge to survive the Big One  
421 Views



# 5. September Engagement

## By the Numbers



# 5. September Engagement

## What We Heard



Urgency to get the project done earlier



Desire for bike paths, pedestrian paths and bus only lanes



Concerns about impacts to nearby buildings and the overall transportation system



Most said they agree or strongly agree with choice of recommended options, remarking that they were reasonable and well thought out



More support for a new bridge than a retrofit, but still some support for retrofit



More support for movable than fixed, but some support for both



Views and aesthetics should still be considered, making the bridge an “iconic” part of Portland



Interest in keeping some historical components/aesthetics of the bridge, concern for demolishing the bridge and its historical importance



# 5. September Engagement

## Community Task Force Recruitment

### • Outreach

- News Release
- Email Blast
- City Club Friday Forum
- DJC Article
- Social Services Workshop
- Email to former Stakeholder Representative Group
- County E-Newsletter
- East MultCo Transportation Committee
- City of Gresham Chamber of Commerce
- Email to 22 EJ-related organizations

### • 37 Applicants

### Outreach to Diverse Organizations

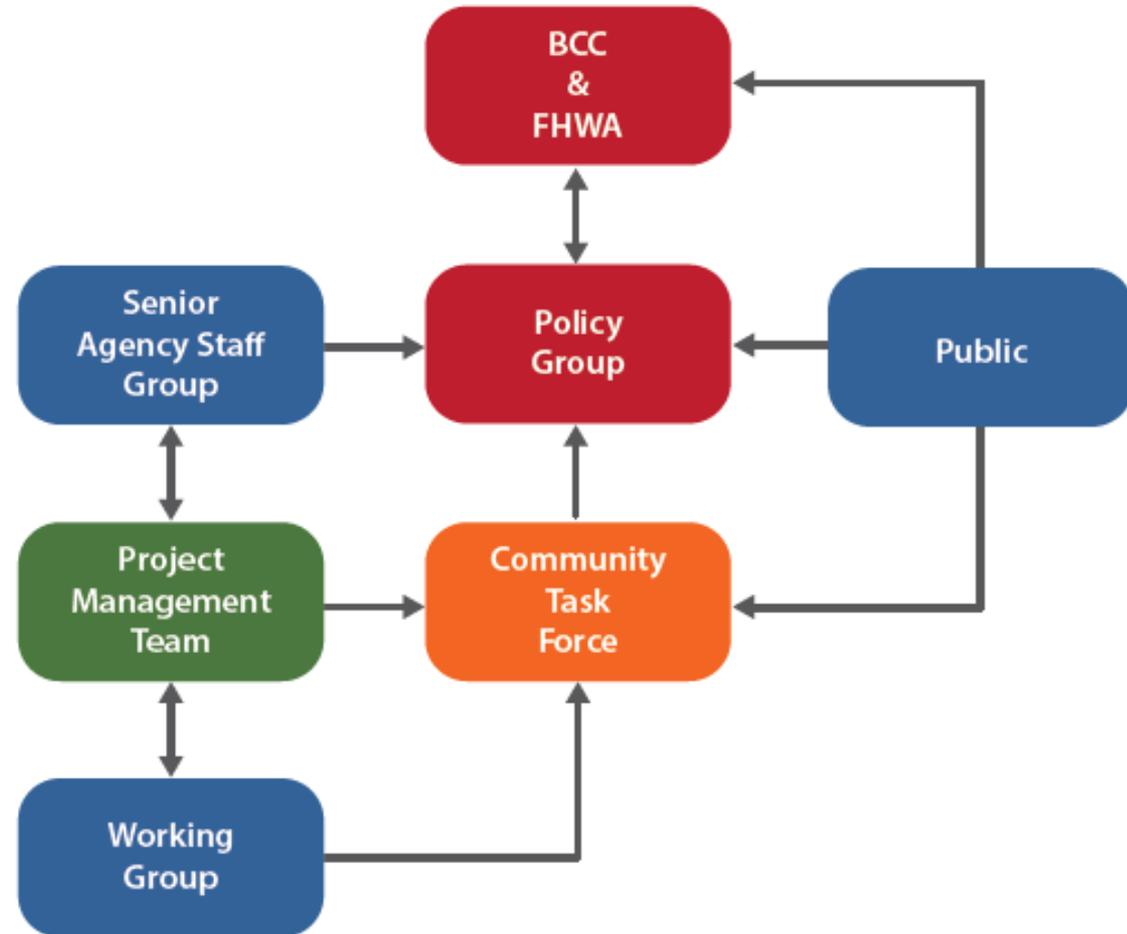
- Community Engagement Liaisons Program
- Verde
- Organizing People / Activating Leaders
- Latino Network
- Asian Health and Services Center
- Elders in Action
- MultCo Senior Advisory Council
- Coalition of Communities of Color
- Portland African American League Forum
- Urban League of Portland
- Asian Pacific American Network of Oregon
- Voz
- Native American Youth & Family Center
- Immigrant & Refugee Community Organization
- Multnomah Youth Commission
- Oregon Association of Minority Entrepreneurs
- National Association Minority Contractors of Oregon
- Hispanic Chamber
- Professional Business Development Group
- Portland Commission on Disability
- Disability Services Advisory Council
- Northwest China Council



# 6. Environmental Review Kickoff

## Committee Framework

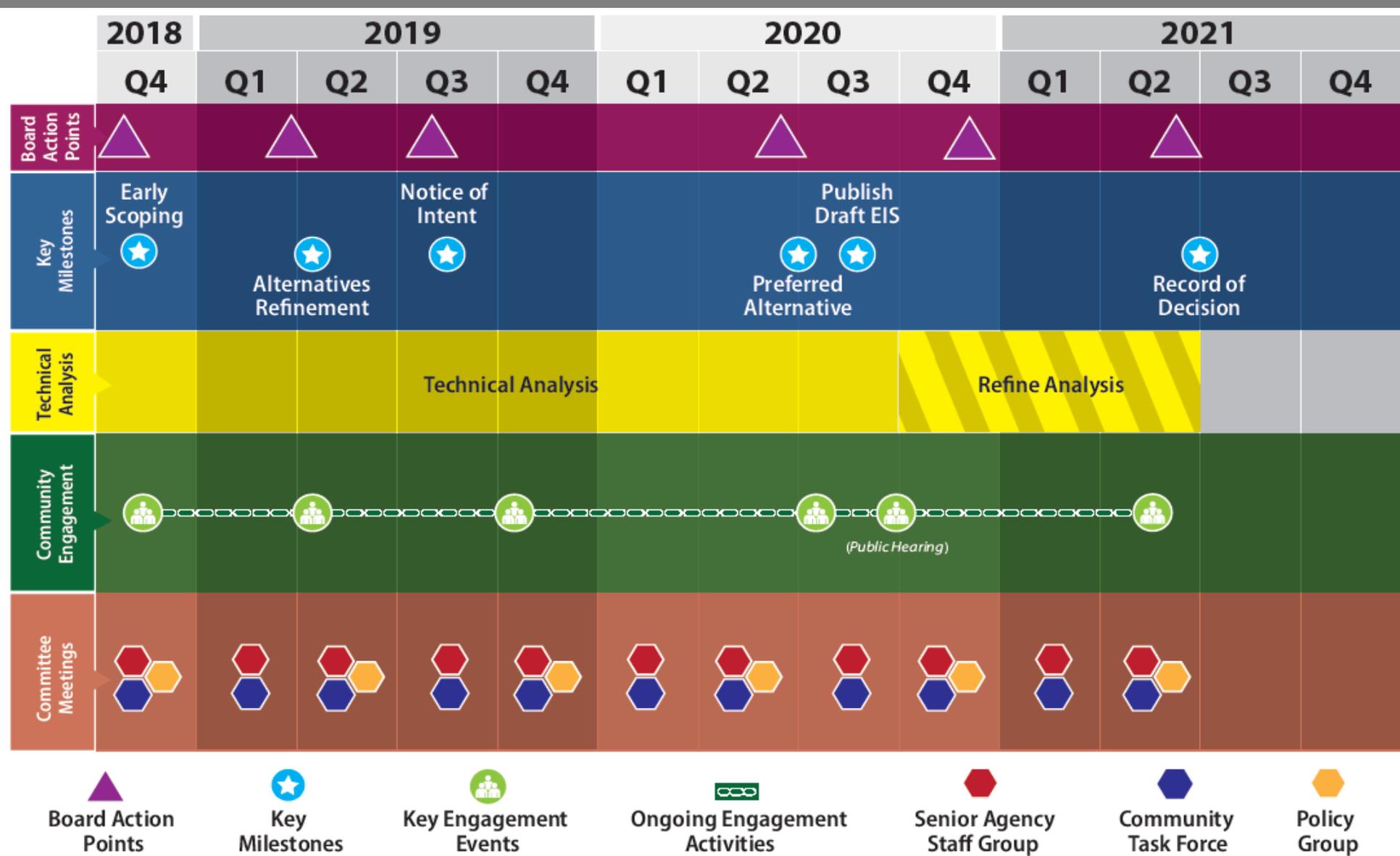
-  Decision Maker
-  Recommendation
-  Facilitation
-  Input



# 6. Environmental Review Kickoff



## Project Overview and Milestones



# 6. Environmental Review Kickoff

## National Environmental Policy Act (NEPA) Process



Access the Benefits



Gather Input



Decide What to Build

Feasibility  
Study



Scoping

- Public Outreach
- Stakeholder Briefings
- Regulatory Agency Coordination
- Purpose and Need
- Range of Alternatives
- Research Needs
- Scoping Report

2-4 Months



Draft EIS

- Define Alternatives Including No-Build
- Existing Conditions
- Impacts
- Potential Mitigation
- Regulatory Compliance
- Compare Alternatives
- Publish DEIS
- Public, Regulatory and Stakeholder Input
- Preferred Alternative

1-2 Years

Formal Comment Period



Final EIS

- Respond to Input
- Refine and Update Analysis & Alternatives
- Publish FEIS

6-18 Months



Record of Decision

- Formal Decision
- Mitigation Commitments
- Regulatory Compliance
- Sign Record of Decision



Bridge Type  
Selection;  
Final Design &  
Permitting;  
Construction

# 6. Environmental Review Kickoff

## Technical Elements to be Studied

### TRANSPORTATION



### SOCIAL ENVIRONMENT



### BUILT & CULTURAL ENVIRONMENT



### NATURAL & PHYSICAL ENVIRONMENT



### FINANCIAL



### OTHER



# 7. Public Comment

**Questions/Comments?**



# 8. Next Steps & Closing Remarks

## Upcoming Activities

- Policy Group Meeting #1 – **October 30**
  - Potential CTF Ambassador
- Board of County Commissioners Meeting – **November 1**
  - Potential CTF Ambassador
- Next Community Task Force Meeting – **Early 2019**



# Thank You!

