

Stakeholder Representative Group – Meeting 1 April 17, 2017



Department of Community Services – Transportation Division

Agenda

- Introductions
- Charter
- Project Overview



Burnside Bridge

- Stakeholder Interests
- Alternatives Development
- Screening Process
- Closing Remarks





SRG Charter

SRG Purpose

- Input on Feasibility Study
- Identify Stakeholder Interests
- Provide Informed Feedback
- **Role and Expectations**
- Attend Four SRG Meetings
- Act as Liaison to Organization

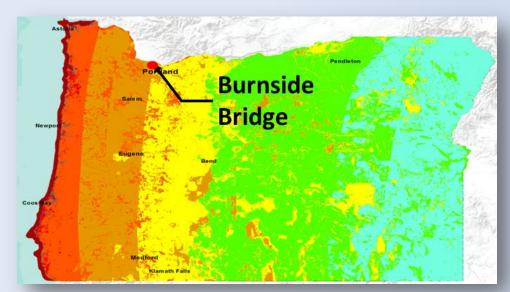
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Regional Earthquake Risk

- 1 in 3 chance of Magnitude 8+ earthquake within 50 years
- Thousands of fatalities and injuries
- Billions in economic loss



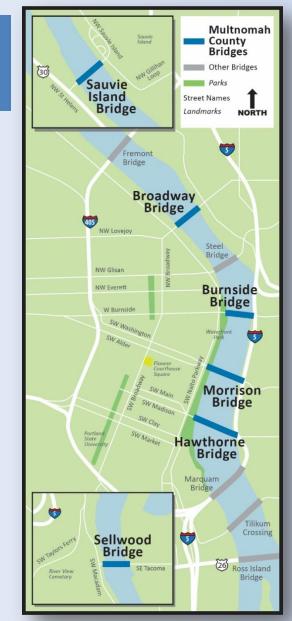
Source: Oregon Resilience Plan (2013)





Earthquake Vulnerabilities

- Downtown bridges vulnerable to major earthquakes
- Board of County Commissioners adopted the Bridge CIP in 2015
- CIP identified the Burnside Bridge as its number one priority for seismic resiliency







Burnside Bridge, over 90 years of Service

- 40,000 vehicles, 2,000 bicycles and pedestrians daily
- Three bus lines
- 300 openings a year
- Crosses Blue/Red Max Lines, 78k weekday riders
- Crosses Union Pacific Railroad mainline

Burnside Bridge







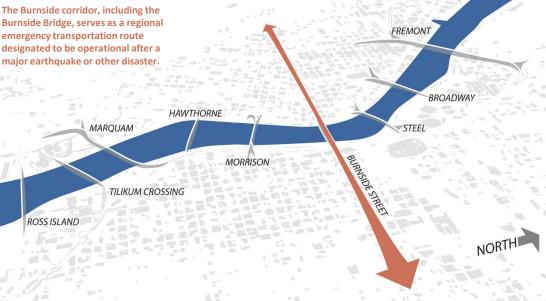
Burnside Street: Regional Lifeline Route

Over 17 miles long, Burnside Street connects Gresham to Washington County through downtown Portland

- Metro designated Burnside a Priority 1 route in the late 1990s
- City of Portland designated Burnside Street an evacuation route
- Only non-state owned Priority 1 route across the Willamette River
- ODOT is prioritizing investing in the I-205 corridor

Sources: Metro Regional Emergency Transportation Routes Report, 1996

Portland City-wide Evacuation Plan 2014; portlandoregon.gov/pbem/65295)











Burnside Bridge

- **Purpose**: To create a resilient lifeline crossing
- Goal: To recommend rehabilitation and/or replacement alternatives for further NEPA-phase analysis
- **Timing**: Study to be completed in Fall, 2018
- Funding: Needed for future phases





PROJECT PHASING



* Source: Multnomah County Willamette River Bridges Capital Improvement Plan (2015-2034)







What is a Feasibility Study?

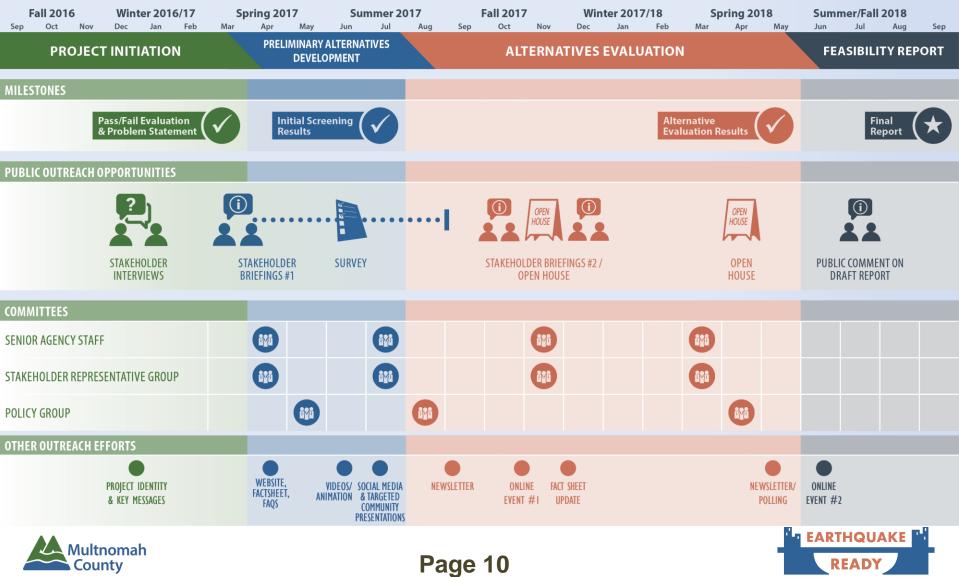
- Planning Level Study
- Involves the community, agencies, elected officials and others
- Looks at a wide range of Willamette River crossing options
- Narrows those options by screening and evaluating them against technical, environmental, social and other considerations
- Results in a range of feasible crossing options for consideration during next project phase (NEPA)

What is the National Environmental Policy Act (NEPA)?

- Federal Regulation Environmental Impact Statement
- Involves the community, agencies, elected officials and others
- Provides a detailed analysis of potential impacts and mitigation
- Results in the final design alternative







BURNSIDE BRIDGE

Stakeholder Representative Group Members

- American Automobile Association (AAA)
- Buckman Community Association
- Burnside Skatepark
- Central City Concern
- Central Eastside Industrial Council (CEIC)
- Multnomah County Bike / Ped Advisory Committee member
- Neighborhood Emergency Teams (NETs)
- Old Town/ Chinatown Association
- Oregon Trucking Association (OTA)
- Portland Spirit

- Portland Saturday Market
- Sharon Wood Wortman (Historic Resources)
- The Street Trust (formerly BTA)
- University of Oregon School of Architecture student
- Willamette Riverkeeper





Senior Agency Staff Group Members

- Multnomah County
- Metro
- TriMet
- Portland Development Commission
- Oregon Department of Transportation
 (Region 1)
- City of Portland
- City of Gresham

- City of Beaverton
- Clackamas County
- Washington County
- Federal Highway Administration (Oregon)
- Oregon State Senator Taylor (District 21)
- Oregon State Representative Smith Warner (District 45)





Policy Group Members

- Multnomah County
- Metro
- TriMet
- Portland Development Commission
- Oregon Department of Transportation
 (Region 1)
- City of Portland
- City of Gresham
- City of Beaverton
- Clackamas County
- Washington County

- Federal Highway Administration (Oregon)
- U.S. Senator Merkley's office
- U.S. Senator Wyden's office
- U.S. Representative Blumenauer's office
- U.S. Representative Bonamici's office
- Oregon State Senator Taylor (District 21)
- Oregon State Representative Smith Warner (District 45)





Seismic Resiliency Committee Members

- Multnomah County Bridge
- ODOT Bridge
- FHWA Bridge
- WSDOT Bridge
- City of Portland PBOT Bridge
- Portland State University
- HDR Engineering
- Parametrix
- Shannon and Wilson
- Hart Crowser
- Hardesty and Hanover













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Stakeholder Interests

Project Setting

- Urban Environment
- Public Use Areas
- Multi-agency Involvement
- Bridge and River Users
- Natural Environment
- Economic Development
- **Stakeholder Interest**
- What are your interests in the project?

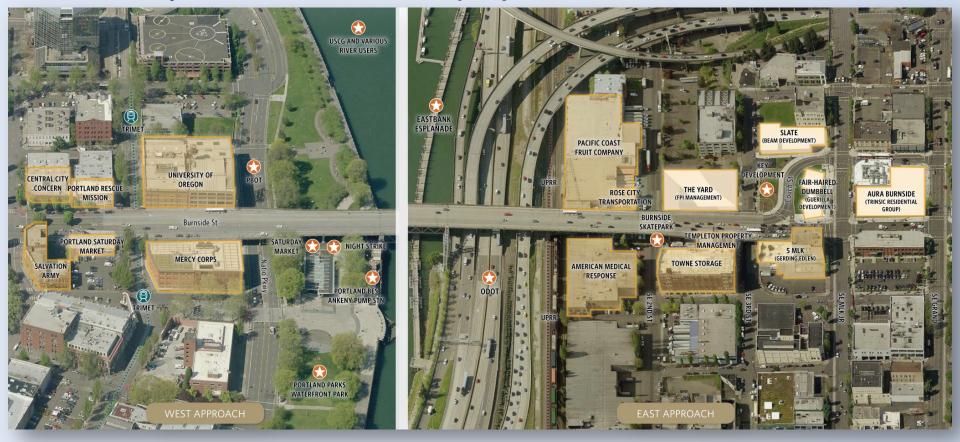






Stakeholder Interests

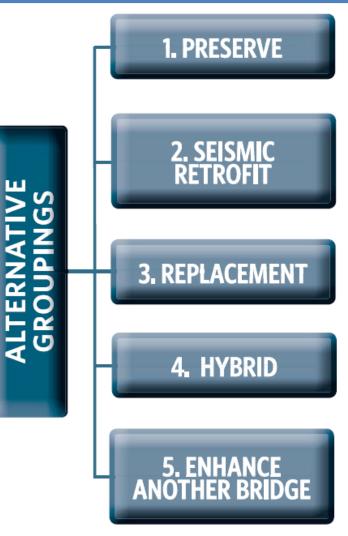
What are your interests in the project?







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What Alternative Groupings create an earthquake-ready crossing?







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What alternatives are being considered within each grouping?



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Low, Movable Bridge Replacement; Existing Alignment; Single Bridge



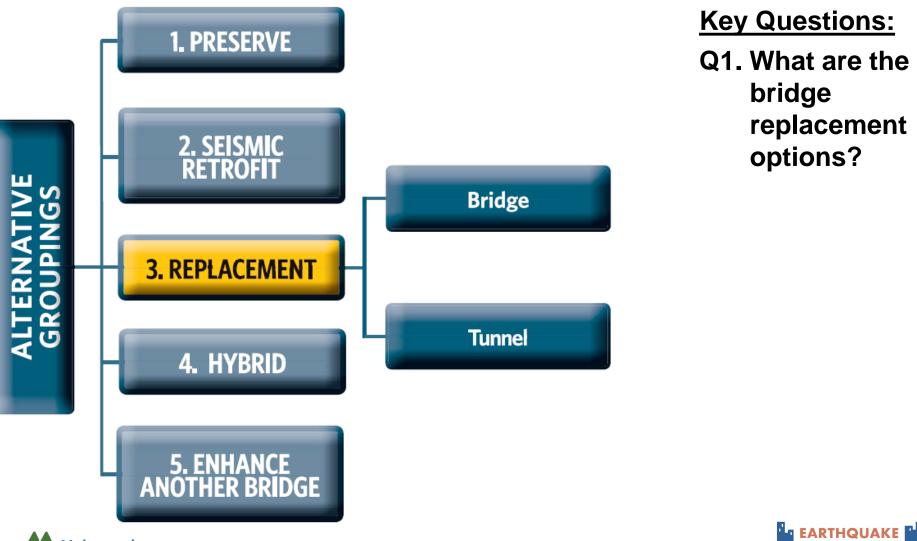
REPLACEMENT CROSSING ALTERNATIVES





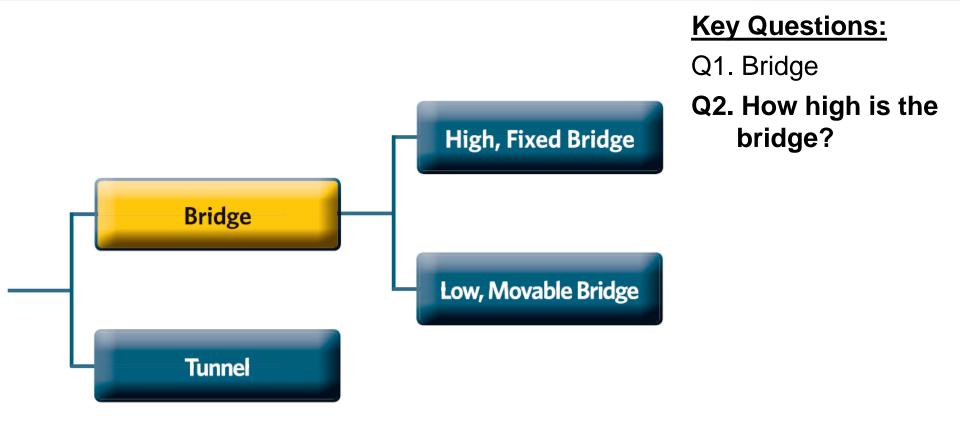
Replacement of Existing Bridge in Same Location

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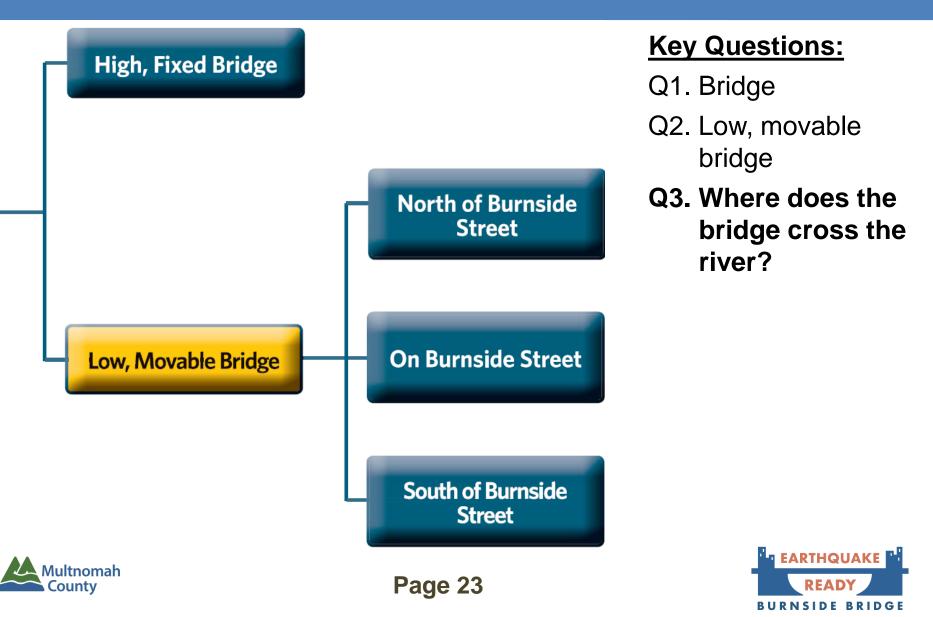


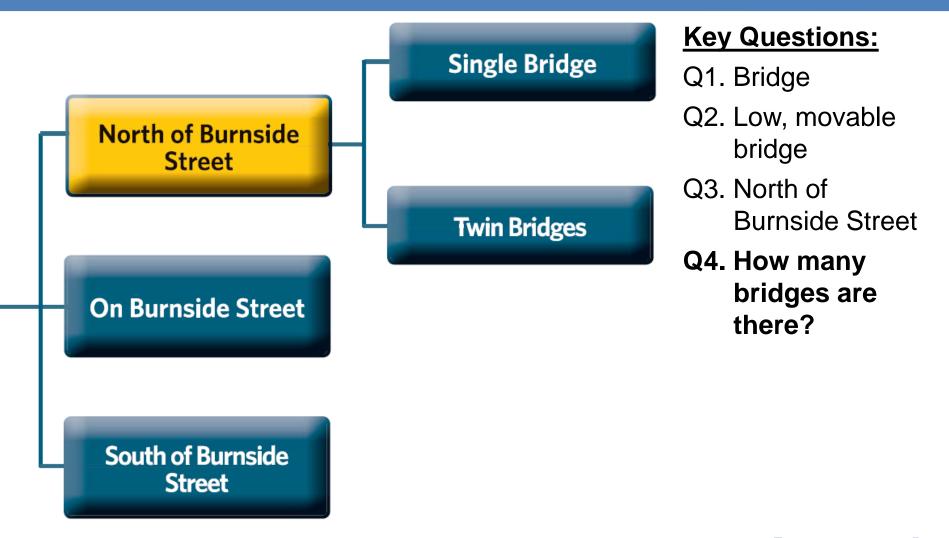






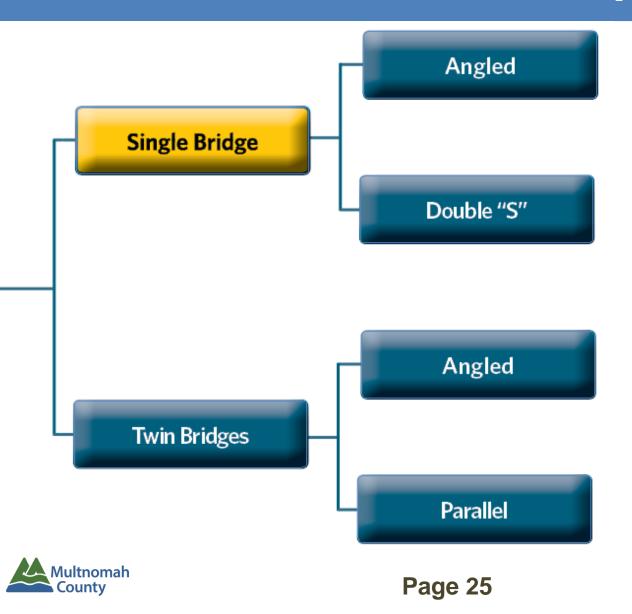












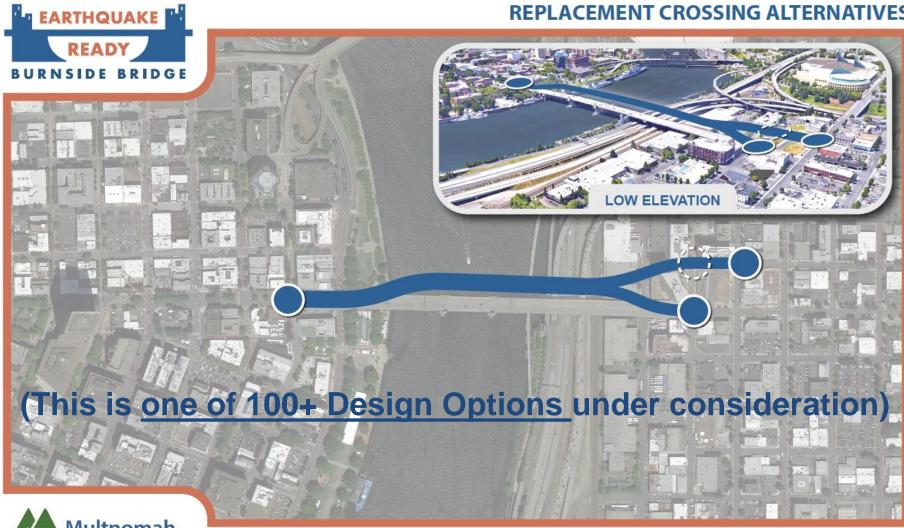
Key Questions:

Q1. Bridge

- Q2. Low, movable bridge
- Q3. North of Burnside Street
- Q4. Single bridge
- Q5. What is the roadway alignment shape?

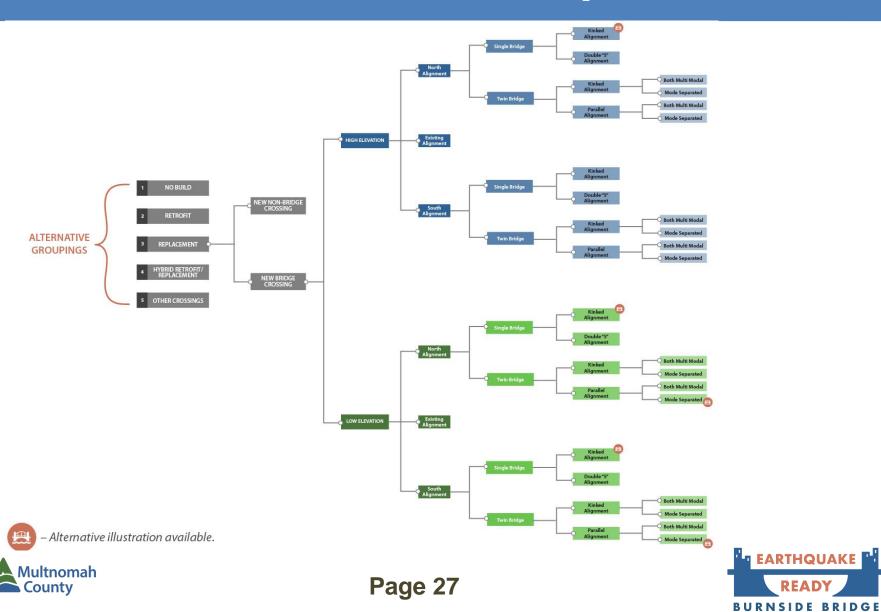


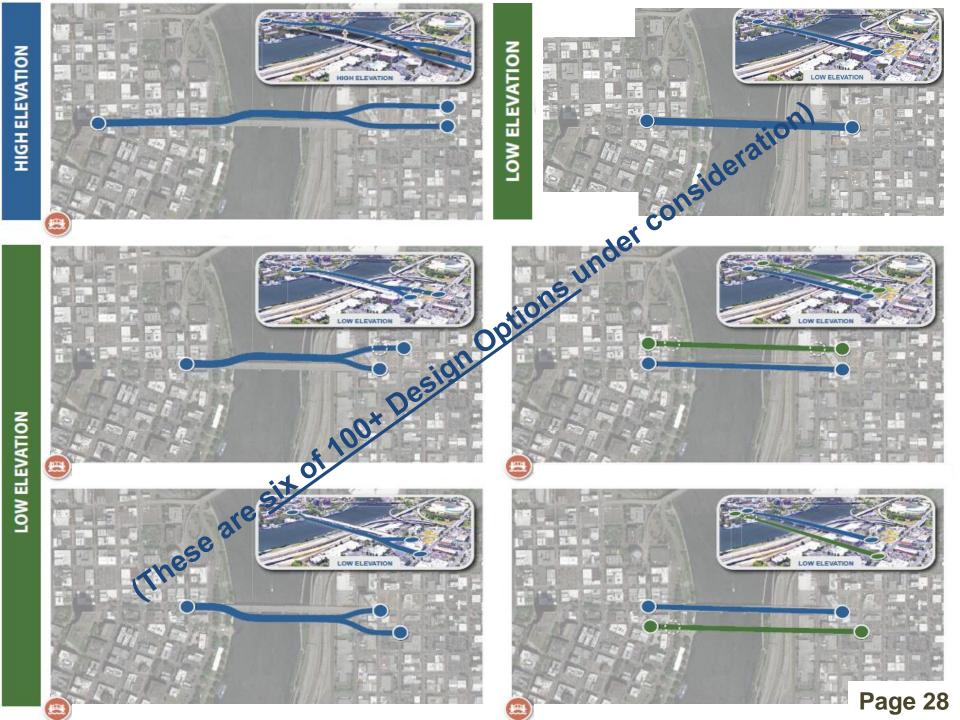
Low, Movable Bridge Replacement; North Alignment; Single Bridge; West Angled + East Couplet Alignment



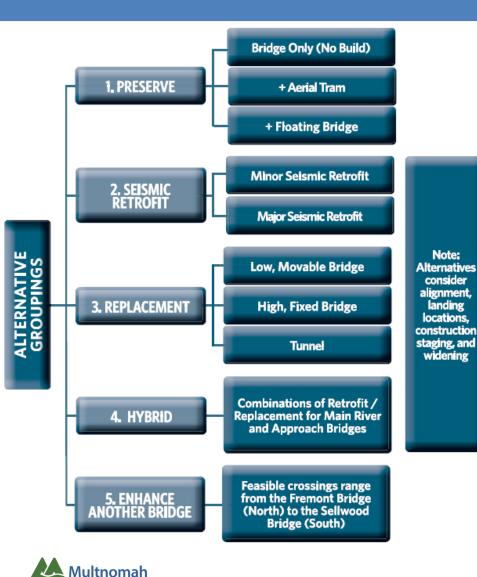


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Are we missing any alternatives?



Multi-Step Process

AGENCY PASS/FAIL

PROBLEM STATEMENT SCREENING

COMPREHENSIVE EVALUATION

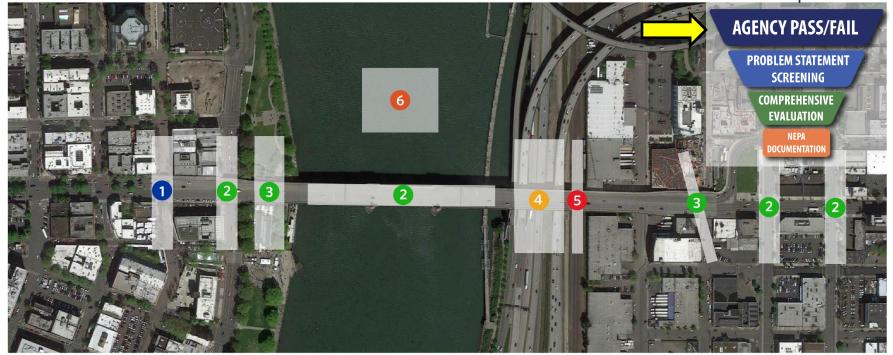
> NEPA DOCUMENTATION





Agency Technical Pass / Fail Criteria

Multi-Step Process







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Problem Statement Screening







Comprehensive Evaluation

Example of Future Evaluation Topics

- Social Elements
- Recreation
- Land Use
- Right of Way Impacts
- Historical/Cultural Resources
- Natural Environment
- Equity and Diversity

- Sustainability
- Congestion/Traffic Operations
- Economic Development
- Construction Impacts
- Multi-modal



Multi-Step Process

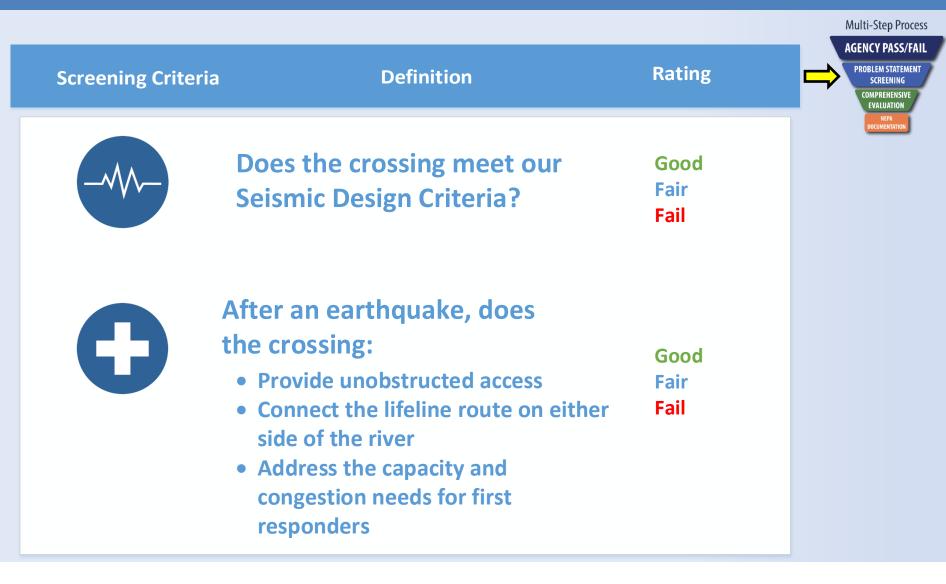
AGENCY PASS/FAIL

PROBLEM STATEMENT SCREENING COMPREHENSIVE

> EVALUATION NEPA DOCUMENTATION

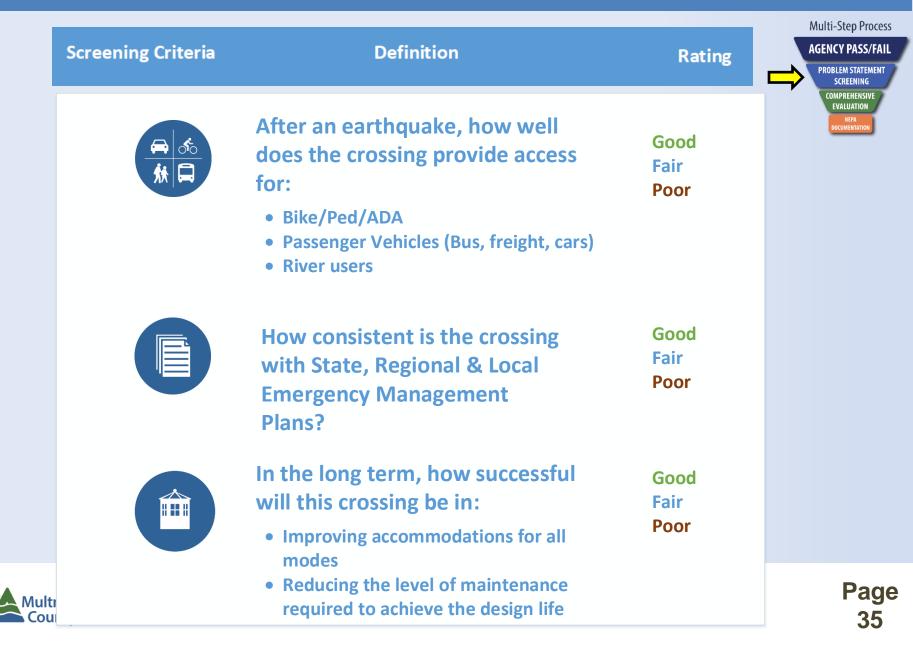


Problem Statement Screening Criteria





Problem Statement Screening Criteria



Closing Remarks

Next Steps

- Policy Group Meeting
- Screen Alternative Groupings
- Agency Technical Meetings
- Develop Draft Evaluation Criteria
- Stakeholder Briefings
- SRG Meeting #2 July 2017
- Feedback 2 weeks from this meeting
- Questions?





Closing Remarks







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