EARTHQUAKE READY BURNSIDE BRIDGE

Senior Agency Staff Group Meeting

Department of Community Services
Transportation Division

February 21, 2019

Agenda

1. Welcome & Opening Remarks
2. Project Update
3. Stakeholder Engagement
4. On-going Coordination
5. Upcoming Meetings & Closing Remarks

1. Opening Remarks

- November 1 – BCC adoption of Feasibility Study findings
- Collaboration with other agency projects
- Metro survey "Views of Key Transportation Issues in Metro Region"

Board recommends four options for an earthquake-ready Burnside Bridge

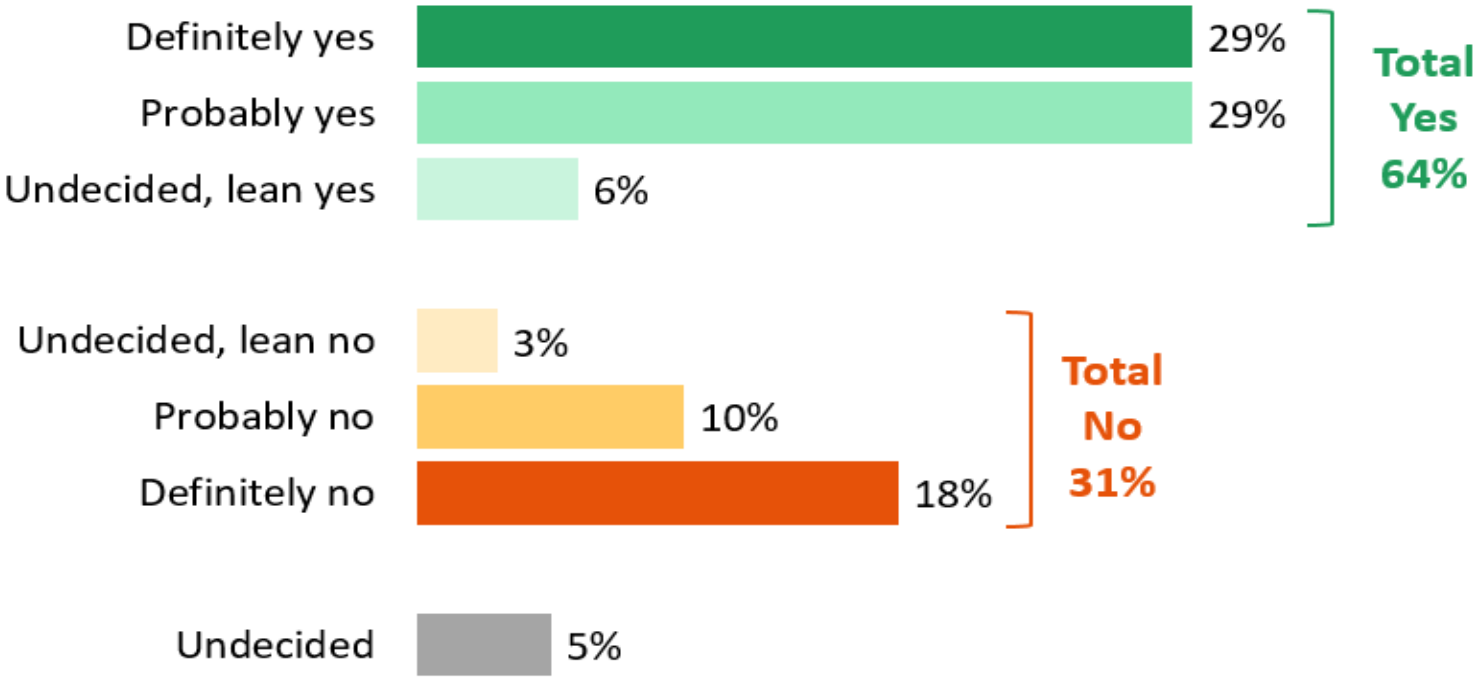
November 2, 2018

On November 1 Multnomah County Commissioners moved a step closer to helping the Portland region prepare for a Cascadia Zone earthquake. The Board of County Commissioners recommended four options be studied for a Burnside Bridge crossing that can remain in operation after a major earthquake. The board also recommended a purpose and need statement for the project's environmental review phase. The Federal Highway

1. Opening Remarks

Nearly two-thirds of voters back a measure in concept, but support is soft.

In general, do you think you would vote yes or no on a measure of this type?



FM3 RESEARCH Q10.

1. Opening Remarks

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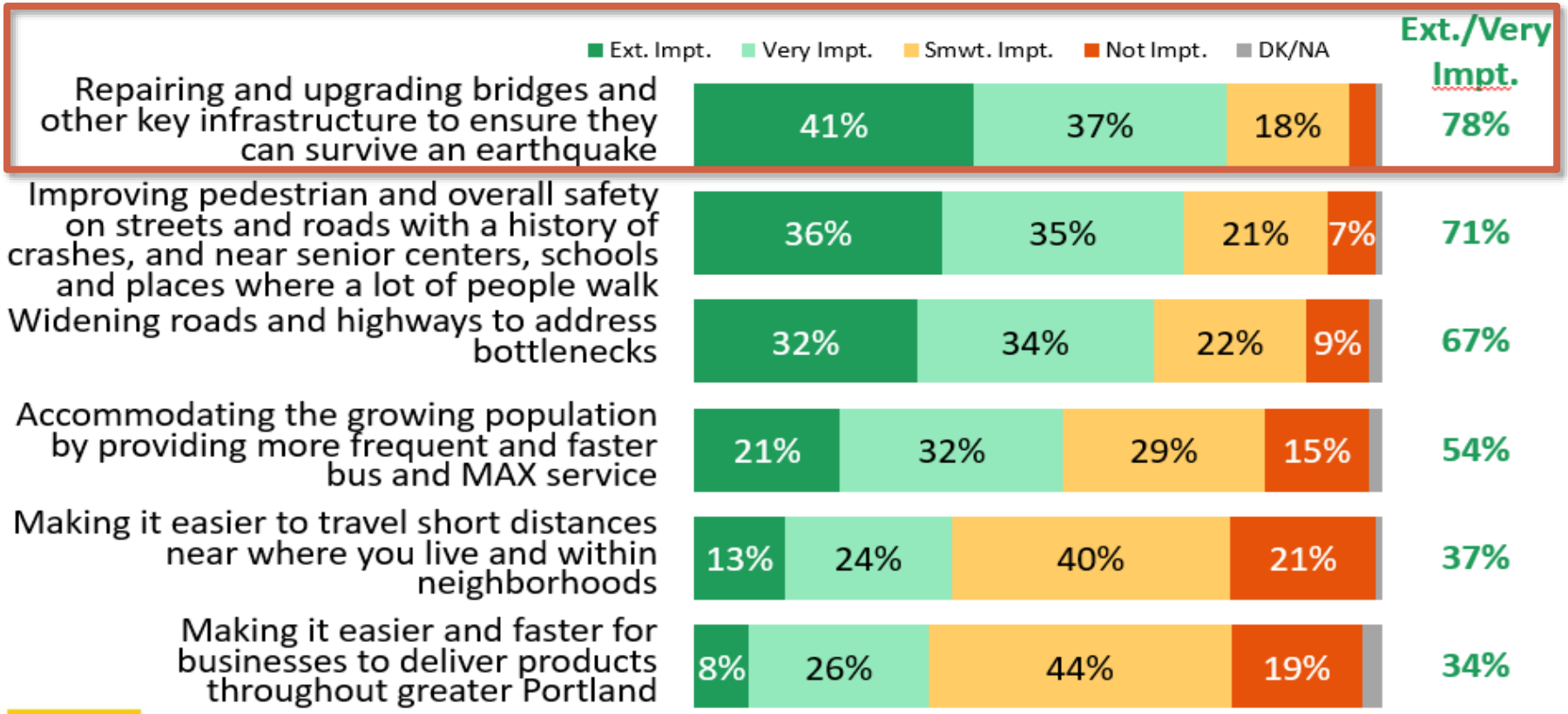
Seismic repairs and safety improvements are high priorities to seven in ten or more.

I am going to read you six major goals that might be pursued if additional funding for transportation were available in the greater Portland area. Please tell me how important the goal is to you: extremely important, very important, somewhat important, or not important at all.



FM3 RESEARCH Q11.

1. Opening Remarks

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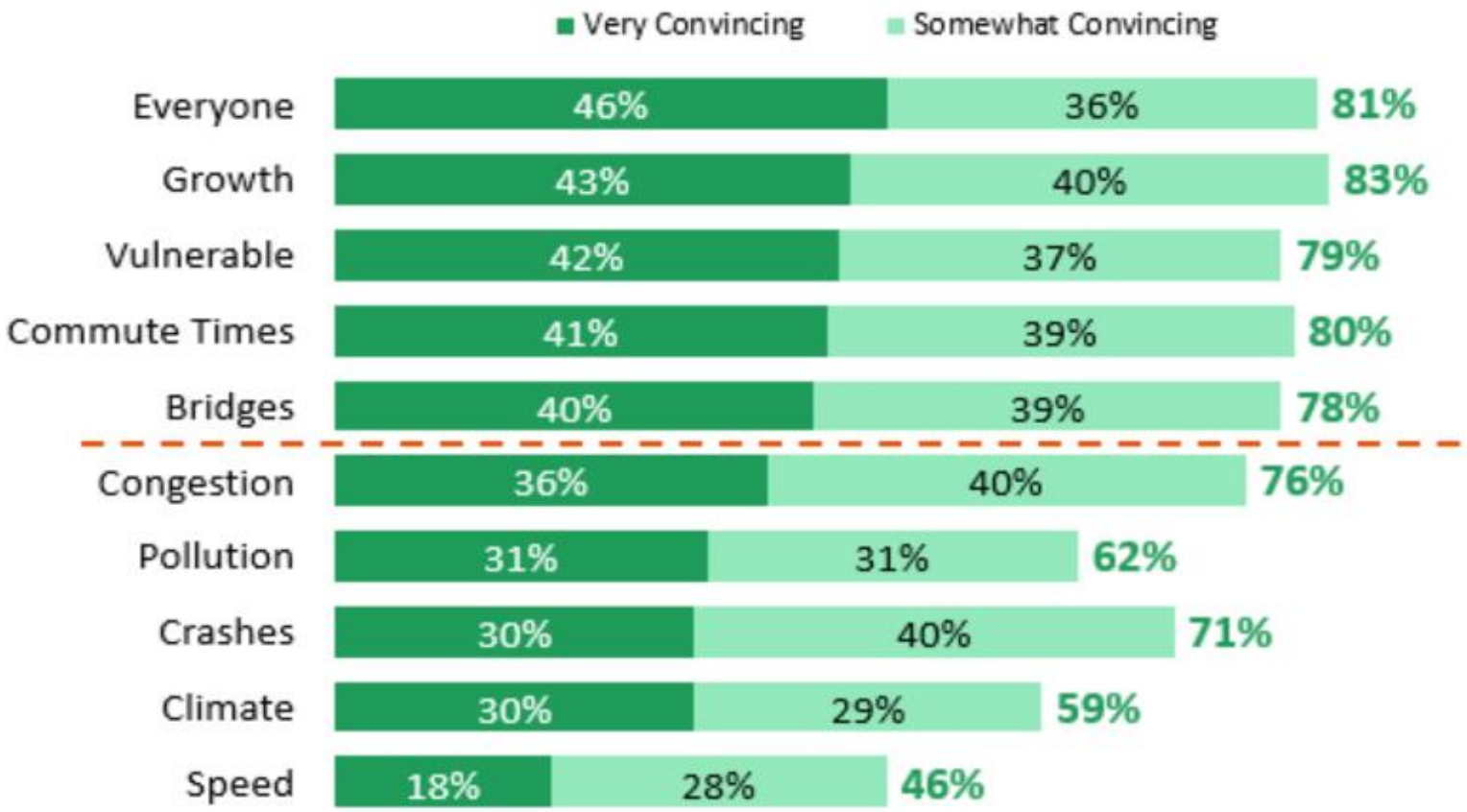
Messages that focus on providing options or validate voters' views of growth and traffic congestion perform best overall.



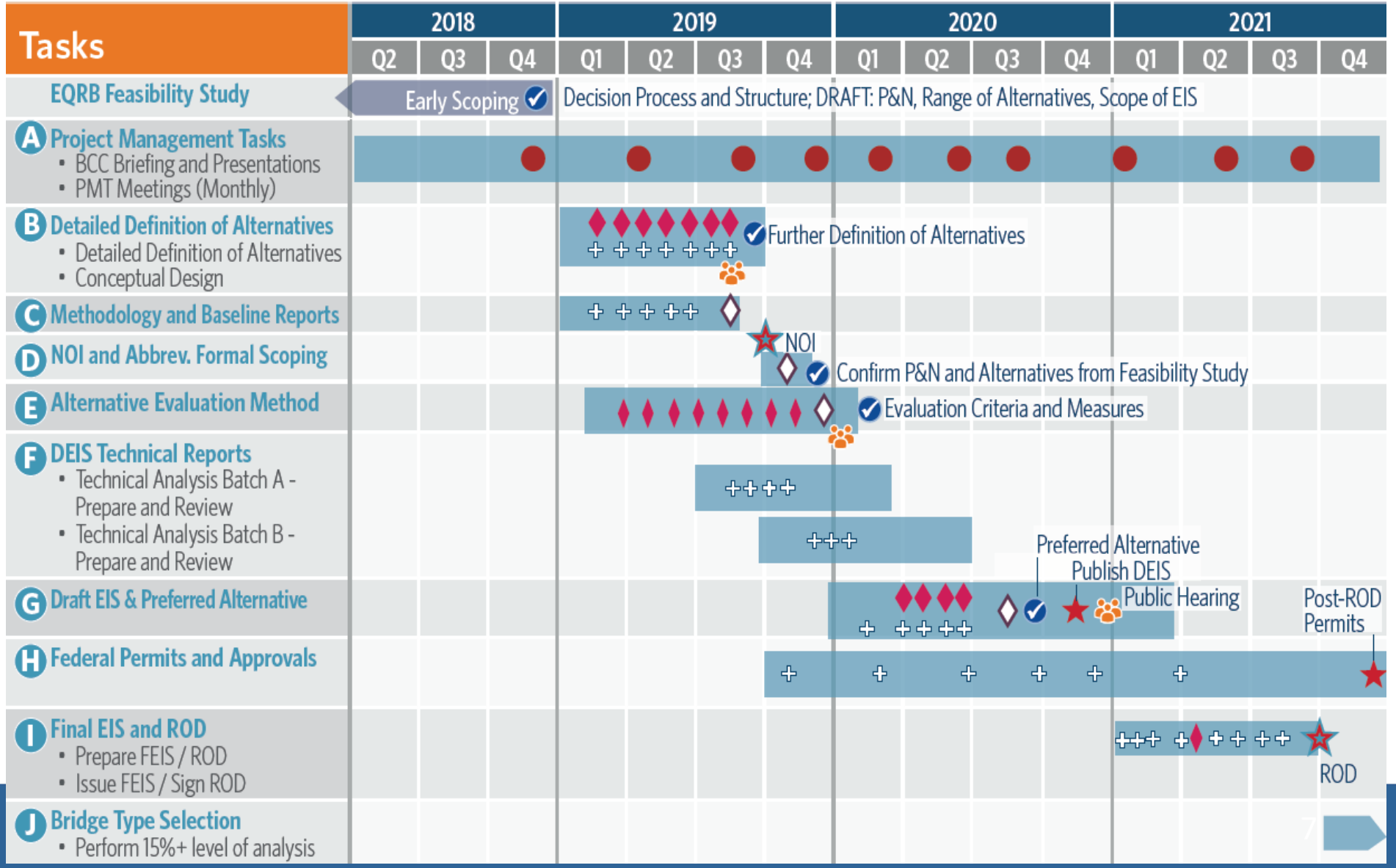
FM3 RESEARCH

Q16. Here are some statements from people who support a tax to generate additional funding for transportation improvements in greater Portland. Please tell me whether you find it very convincing, somewhat convincing, or not convincing. Split Sample

2. Project Update

EARTHQUAKE READY BURNSIDE BRIDGE

Timeline



2. Project Update

Cooperating and Participating Agencies

Agency	Status	Participating/ Cooperating
City of Beaverton		Participating
City of Gresham	Accept	Participating
City of Portland	Accept	Participating
Clackamas County		Participating
Confederated Tribes of the Grand Ronde	Accept	Participating
Confederated Tribes of Siletz Indians		Participating
Confederated Tribes of the Umatilla Indian Reservation		Participating
Confederated Tribes of the Warm Springs		Participating
Confederated Tribes and Bands of the Yakama Nation		Participating
Cowlitz Indian Tribe		Participating
Federal Aviation Administration	Decline	Cooperating
Federal Emergency Management Agency, Region 10	Accept	Participating
Metro	Accept	Participating
National Marine Fishery Service	Decline	Cooperating
National Park Service		Cooperating
Nez Perce Tribe		Participating

2. Project Update

Cooperating and Participating Agencies

Agency	Status	Participating/ Cooperating
Oregon Department of Environmental Quality	Accept	Participating
Oregon Department of Fish and Wildlife	Decline	Participating
Oregon Department of State Lands	Accept	Participating
Oregon Department of Environmental Quality	Accept	Participating
Oregon Office of Emergency Management	Accept	Participating
Oregon State Historic Preservation Office	Accept	Participating
Port of Portland	Decline	Participating
Portland Streetcar	Accept	Participating
Prosper Portland	Accept	Participating
TriMet	Accept	Participating
United States Corps of Engineers	Accept	Cooperating
United States Coast Guard		Cooperating
United States Fish and Wildlife Service	Accept	Participating
United States Environmental Protection Agency	Decline	Cooperating
Washington County	Decline	Participating

2. Project Update

EARTHQUAKE READY BURNSIDE BRIDGE

Pre-NOI Tasks

- Outreach
- Methodology Reports
- Plans and Policy Assessment
- Preferred Alternatives Evaluation Framework
- Initial Mitigation Concepts
- No Build Definition
- Environmental Baseline Reports
- Design Approach Memos / Criteria
- Technical Analyses
- Alternatives Design Refinement and Drawings

2. Project Update

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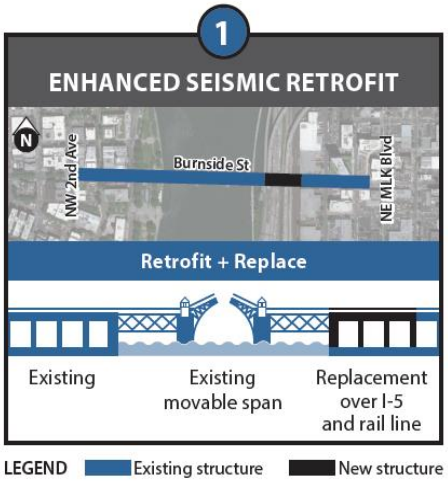
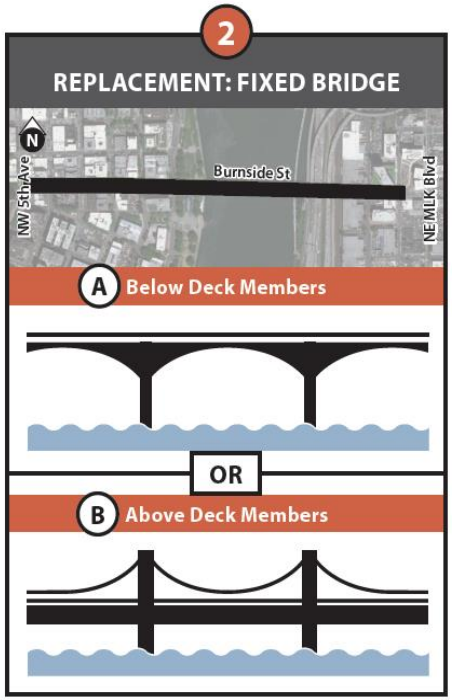
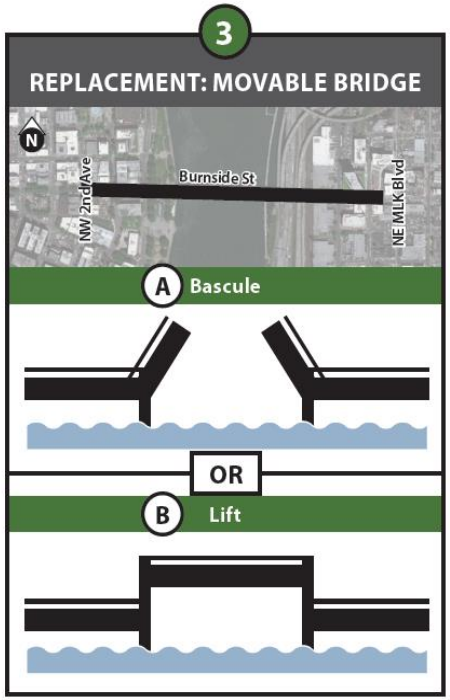
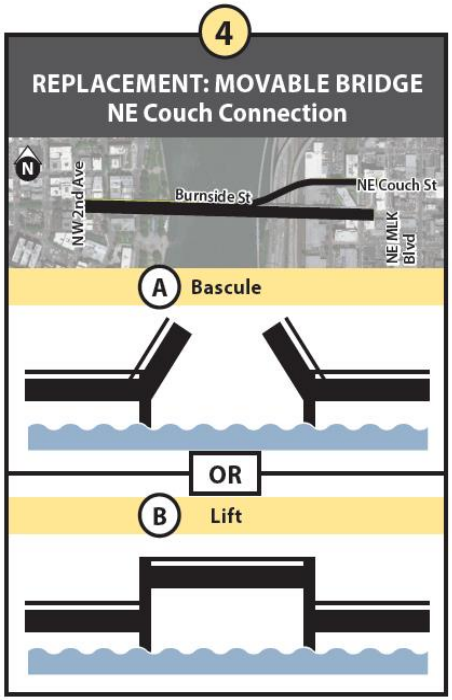
Alternatives Refinement









2. Project Update

Working Groups

WORKING / FOCUS GROUP SCHEDULE

	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TBD
Roadway / Transit		●					●						
Multi-Modal				4/8	●	●	●	●					
Constructibility / Estimating				●	●	●		●					
Transportation		2/15	●		●		●						
Seismic		2/14		●			●						
Natural Resources			●	●				●					●
Cultural Resources				●	●			●					●
Definition of Alternatives				●				●					
Urban Design / Aesthetics / Public Safety													●
Emergency Management					●								
Social Services				●	●								
City TAC				●		●		●		●			●

2. Project Update

Working Groups

EARTHQUAKE READY BURNSIDE BRIDGE

Multnomah County

WORKING / FOCUS GROUP SCHEDULE

WG TYPE	NAME	OBJECTIVE	WHAT / AGENDA TOPICS	WHEN	WHO
TECHNICAL	Roadway / Transit (Motorized)	To provide early technical input on motorized design standards and preferences	1. Project / WG Introduction; Roadway / transit design standards and criteria; Preliminary Geometrics	Feb-19	• City of Portland (PBOT: Teresa Boyle, Jamie Jeffrey, Ningsheng Zhou) • Portland Streetcar (Andrew Plambeck) • TriMet (John Griffiths) • Multnomah County (Megan Neill) • Consultant (Heather Catron, Steve Drahota, Steve Katko, Christina Tomaselli, Sumi Malik)
			2. (If req'd): Specific motorized design details	Jul-19	
	Multi-Modal	To provide technical input on the bridge uses, typical sections, and connections to the existing multi-modal networks	1. WG Introduction; Multi-modal design criteria; Refined roadway and bike/ped geometrics	Apr-19	• City of Portland (PBOT: Teresa Boyle, Jamie Jeffrey, Ningsheng Zhou, Roger Geller, Michelle Marx, Vision Zero rep; Parks: Tate White) • Portland Streetcar (Andrew Plambeck) • Metro (Anthony Buczek, Alex Oreschak (alternate)) • TriMet (John Griffiths) • ODOT (Basil Christopher) • Multnomah County (Megan Neill, Kate McQuillan) • Consultant (Heather Catron, Steve Drahota, Steve Katko, Adrian Witte, Christina Tomaselli, Sumi Malik)
			2. Bridge width options and cross-section option; Park Accesses and Impacts	Apr-19	
			3. Refined bridge width options and cross-section options	May-19	
			4. Construction staging options and impacts	Jun-19	
			5. Alternatives Design Concepts Review	Jul-19	
			6. (If req'd): TBD	Aug-19	
	Constructability / Estimating	To provide technical input on construction approach and cost estimates	1. Project / WG Introduction; Construction Methods; Estimating Approach	Apr-19	• City of Portland (PBOT: Teresa Boyle, Cameron Glasgow) • ODOT (Zachary Horowitz, Katie Bell) • Multnomah County (Megan Neill, Jon Henrichsen) • Consultant (Heather Catron, Steve Drahota, Steve Katko, Mark Libby, Jason Ruth, Brett Schneider)
			2. Construction Methods and Impacts	Apr-19	
			3. Estimating Parameters	Jun-19	
			4. Estimate Review	Aug-19	
	Transportation	To provide technical input on traffic analysis and planning	1. Project / WG Introduction; Transportation Methodology Memo Feedback	Nov-18	• City of Portland (PBOT: Teresa Boyle, Jamie Jeffrey, Ningsheng Zhou, Clay Veka, Matthew Ferris-Smith, Katherine Levine) • Metro (Anthony Buczek) • ODOT (Katie Bell, Zachary Horowitz (alternate)) • Multnomah County (Megan Neill, Brendan Haggerty) • Consultant (Heather Catron, Steve Drahota, Steve Katko, Sumi Malik, Christina Tomaselli, Ryan LeProwse)
			2. Traffic analysis approach	Mar-19	
			3. Construction Staging	May-19	
			4. TBD	Jul-19	

3. Stakeholder Engagement

Public Involvement Initiation Activities

- Public Involvement Plan
- Diversity, Equity and Inclusion Plan
- Communication Materials – factsheet, website, infographics
- Environmental Justice Interviews
- Community Task Force Meeting: 3/11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BETTER – SAFER – CONNECTED

Multnomah County is creating an earthquake-safe downtown river crossing.

February 7, 2019

Public Involvement Plan – DRAFT

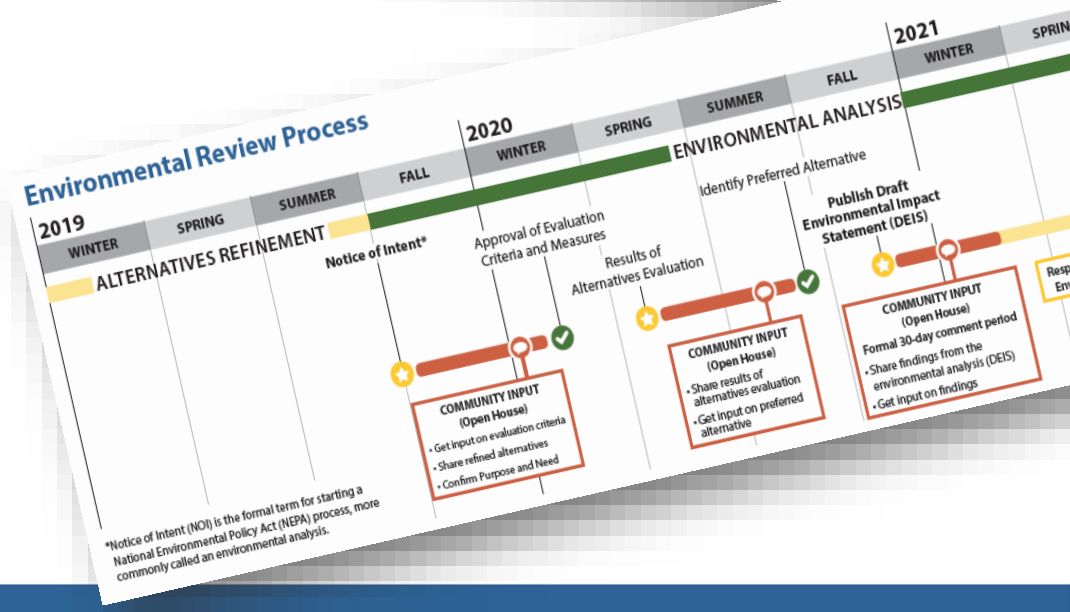
1. Project Overview

Portland's aging downtown bridges are not expected to withstand a major earthquake. That is why Multnomah County is taking the lead on making at least one crossing earthquake ready. Located in the heart of downtown, the Burnside Bridge is a regionally established lifeline route across the Willamette River.

Having completed a Feasibility Study in 2018, the next step is to study and understand the potential environmental impacts of four bridge replacement and rehabilitation alternatives.

BACKGROUND

This process began in 2015 when the County selected the Burnside Bridge as a priority due to its role on the Burnside Street regional lifeline route, providing a key connection across the Willamette River. challenge is that the current Burnside Bridge will not survive a major earthquake which ma retrofit or construction of a new earthquake-safe Burnside Bridge critical.



3. Stakeholder Engagement

Environmental Justice Interviews

Organization	Date
NAMCO	February 15
NAYA	February 15
JOIN	February 22
Ride Connection	February 27
IRCO	March 1
A Home For Everyone	In Coordination
Voz	In Coordination
Portland African American League Forum (PAALF)	In Coordination
Salvation Army	In Coordination
APANO	In Coordination
Momentum Alliance	In Coordination

3. Stakeholder Engagement

Community Task Force – March 11

AGENDA ITEMS

- Project Update
- History of Burnside Bridge
- NEPA 101
- Pre-NOI Tasks
- CTF Work Plan
- Upcoming Project Activities

4. On-going Coordination

- City Technical Advisory Committee
- ODOT/FHWA Meetings
- PMT Meetings
- Tribal Coordination
- Health Impact Assessment
- Central City Transit Capacity Study (Steel Bridge Project)
- I-5 Rose Quarter Project

5. Upcoming Meetings

- CTF meeting – March 11, 2019
- Next SASG meeting – May 2019
- PG meeting – September 2019
- City Council briefing – *TBD*

5. Closing Remarks

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Thank you!