



**Board of County Commissioners
January 12, 2017**

Agenda

- Introduction
- Background
- Phasing
- Process
- Public and Agency Outreach



Burnside Bridge

Introduction



Burnside Bridge

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

Background

Regional Earthquake Risk

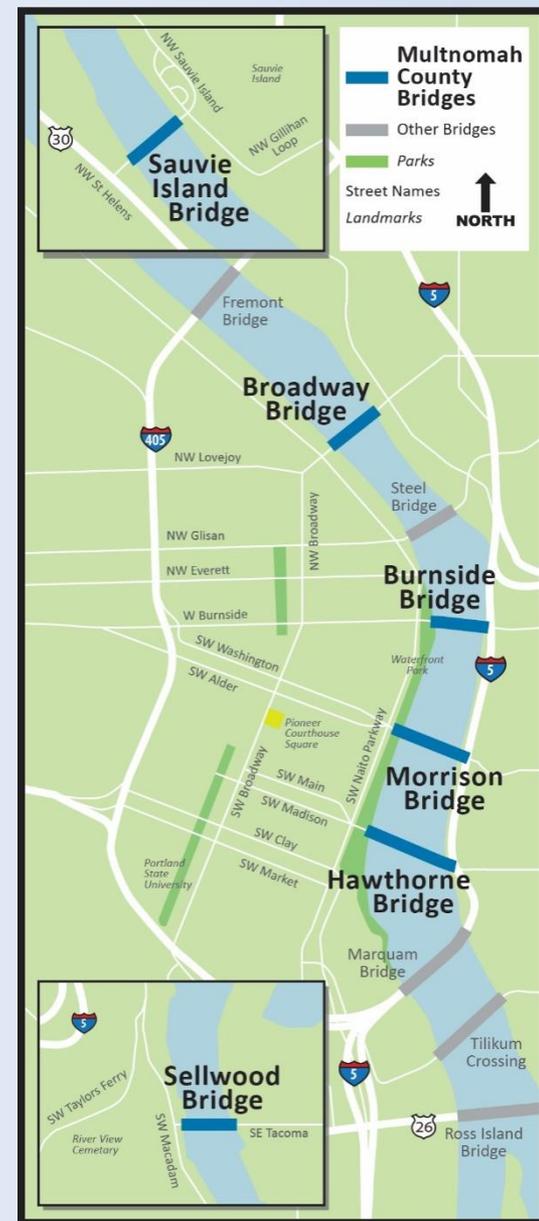
- 1 in 3 chance of Magnitude 8+ earthquake within 50 years
- Thousands of fatalities and injuries
- Billions in economic loss



Background

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



Background

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
- Hosts Saturday Market since 1976

Burnside Bridge



Background

Burnside Bridge, Regional Lifeline Route

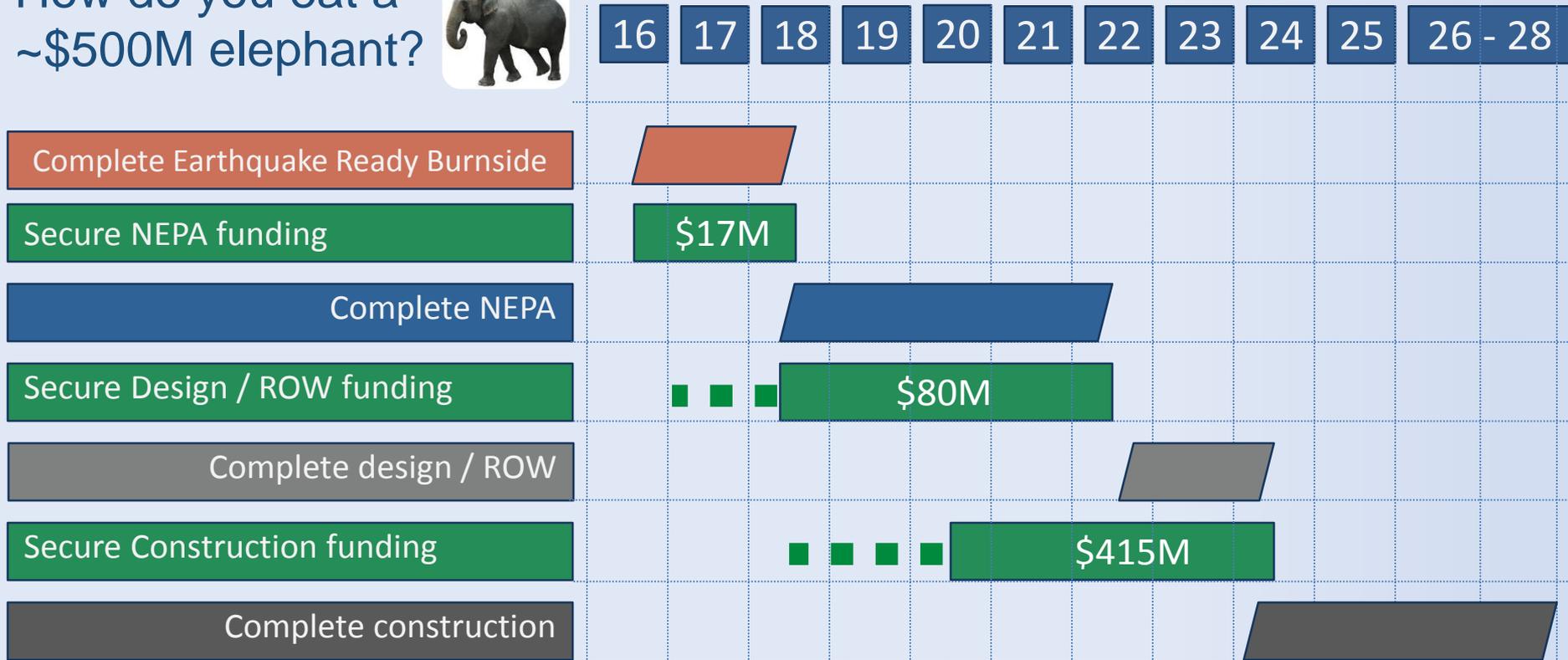
- Metro designated Burnside a Priority 1 route in late 90s
- Over 17 miles long, Burnside St. connects Beaverton to Gresham through downtown Portland
- Only non-state owned Priority 1 route across the Willamette River
- ODOT is investing in the I-205 corridor

Burnside Bridge



Phasing

How do you eat a ~\$500M elephant?



Process

PROJECT MILESTONES



Process

PROJECT MILESTONES



- **Develop project objectives**
- **Begin to identify stakeholder needs and interests**
- **Develop technical design criteria**
- **Initiate seismic retrofit analysis**
- **Develop seismic animation**
- **Develop preliminary crossing concepts list**
- **Conduct initial Board of County Commissioners, Senior Agency Staff, Stakeholder and Policy Group meetings**

Process

PROJECT MILESTONES



- **Refine project objectives**
- **Develop technical pass/fail criteria and identify technically unfeasible concepts**
- **Develop screening criteria and conduct initial screening to reduce crossing concepts**
- **Conduct stakeholder outreach and conduct Open House**
- **Conduct Board of County Commissioners, Senior Agency Staff, Stakeholder and Policy Group meetings**

Process

PROJECT MILESTONES



- **Develop evaluation criteria**
- **Conduct alternatives evaluation**
- **Identify range of feasible alternatives for future NEPA consideration**
- **Continue stakeholder outreach and conduct Open House**
- **Conduct Board of County Commissioners, Senior Agency Staff, Stakeholder and Policy Group meetings**

Process

PROJECT MILESTONES



- Document study process, outreach and results
- Obtain Board of County Commissioners approval of study outcomes

Public and Agency Outreach



Public and Agency Outreach



Questions and Answers

For more information,
visit the project website:

BurnsideBridge.org