

Earthquake Ready Burnside Bridge Project

Hearing in support of HB 3301 and HB 3323

**Multnomah County
Department of Community Services
Transportation Division**

**Joint Committee on Transportation
March 23, 2023**



Agenda

- Project Purpose and Need: Regional Resilience
- Project Benefits: Jobs & Economic Stimulus
- Preferred Alternative: Replacement Long Span
- Overview: Project Timeline & Funding Update
- Overview: Proposed Bills

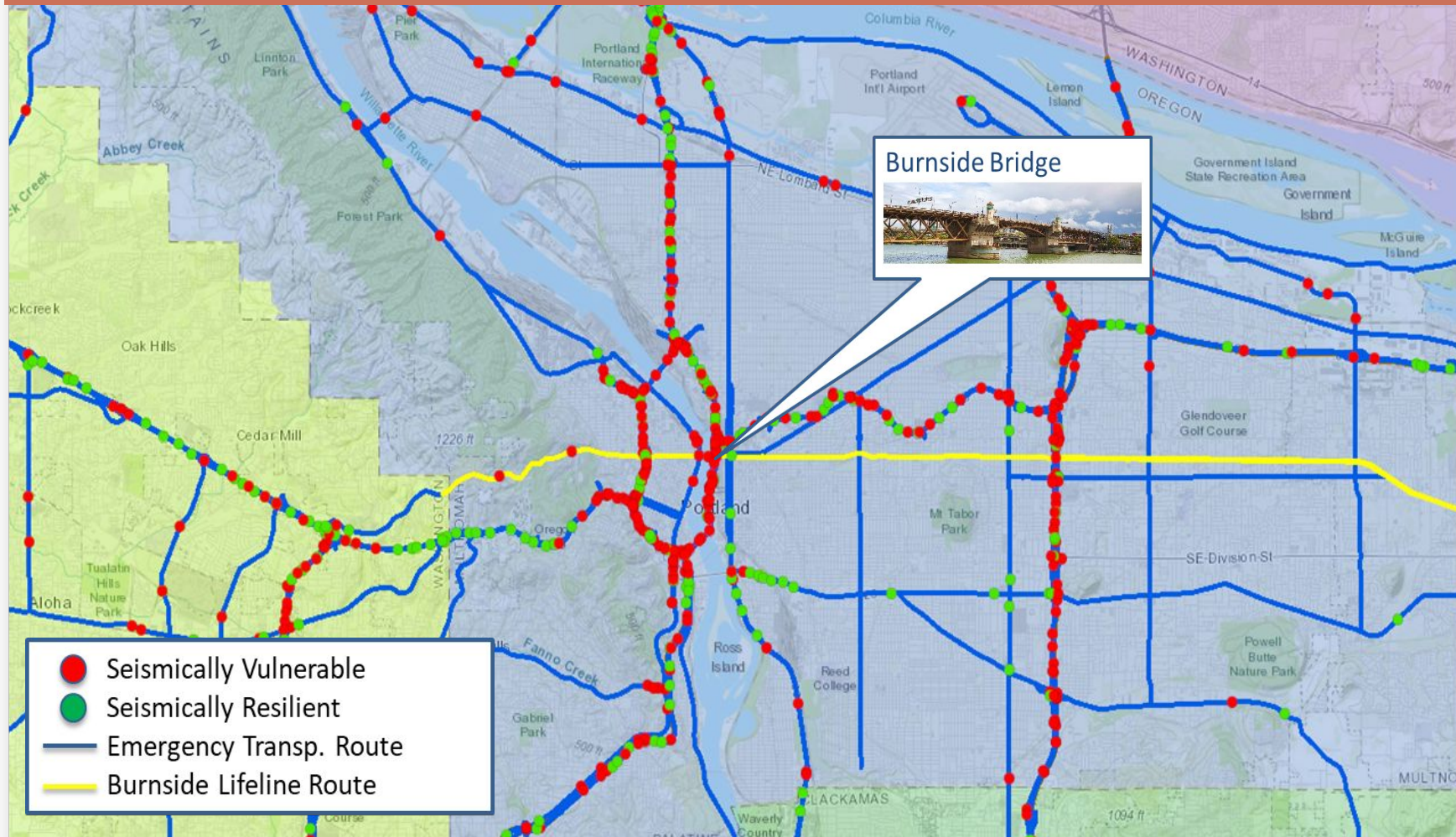
Purpose and Need



https://www.youtube.com/watch?v=TlcUIJuYSQY&ab_channel=MultCoPresents

Purpose and Need

Burnside Bridge is Critical to Regional Emergency Response and Recovery



If the earthquake strikes today...



Thousands of Oregonians would die, and **economic losses** would be at least **\$32 billion**.



Roughly 70% of businesses are likely to be forced into temporary closure, affecting over **750,000 jobs**.



Each month businesses are closed, will result in over **\$4.3 billion in lost income** in the region.



Video: [Simulation of Burnside Bridge collapse](#)

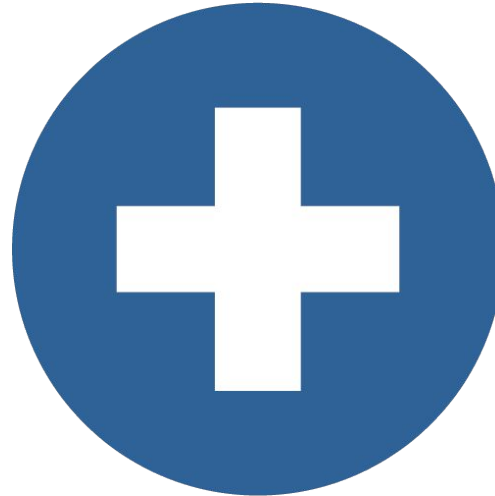


NYTimes: [Damage from 2011 earthquake in Christchurch, NZ](#)

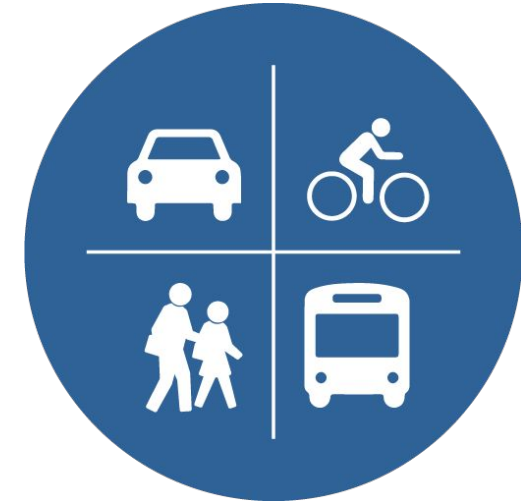
EQRB Purpose



**Seismic Resiliency
and Emergency
Response**

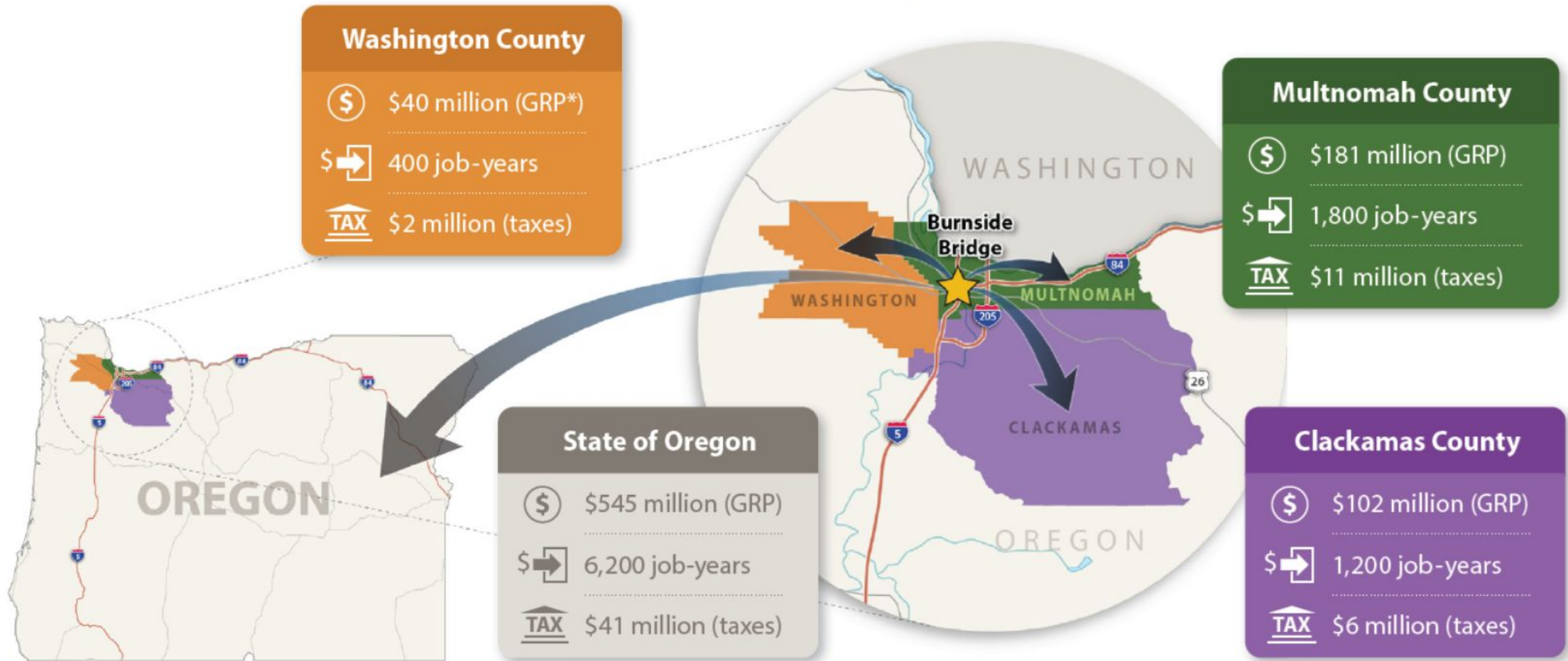


**Regional Recovery
and Rebuilding**



**Long-term
Multi-modal Use**

Equitable Jobs and Economic Stimulus



* GRP = Gross Regional Product

Data: Earthquake Ready Burnside Bridge IMPLAN Analysis, 2022

Locally Preferred Alternative

Seismically Resilient Replacement Long Span

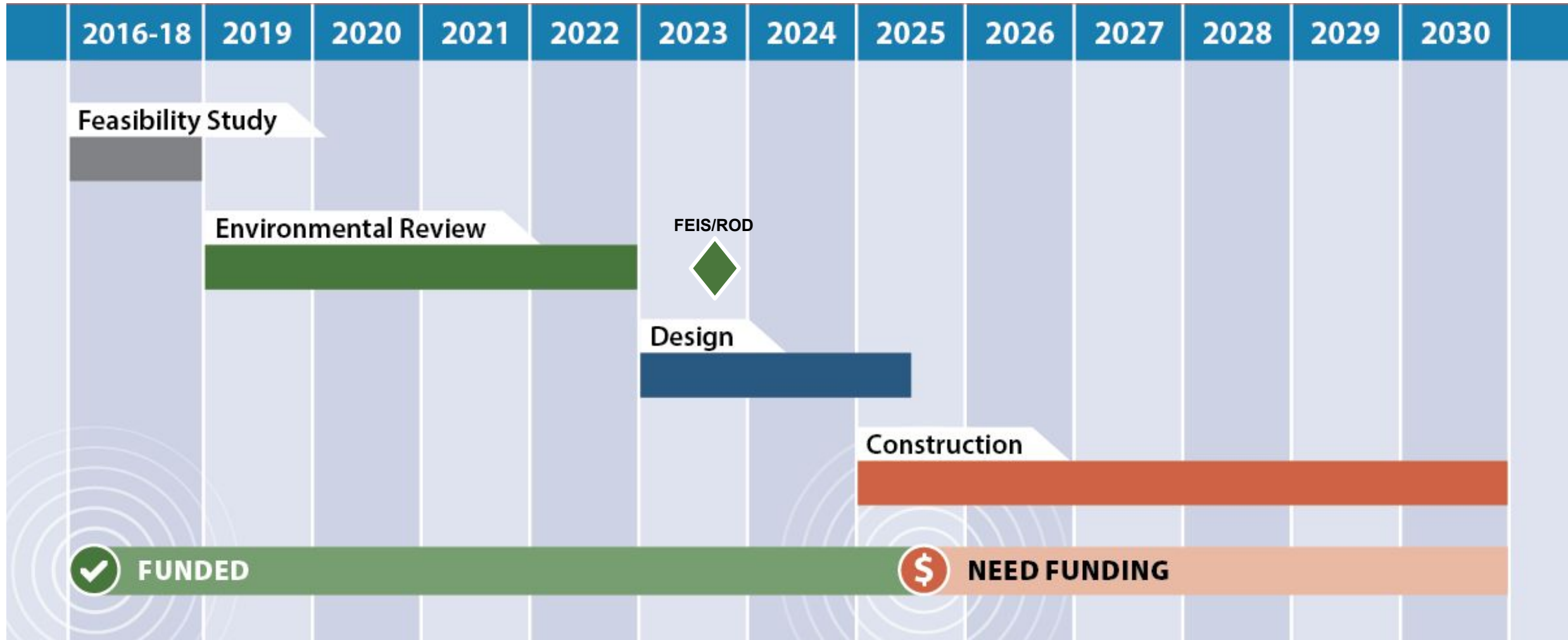


with Tied Arch

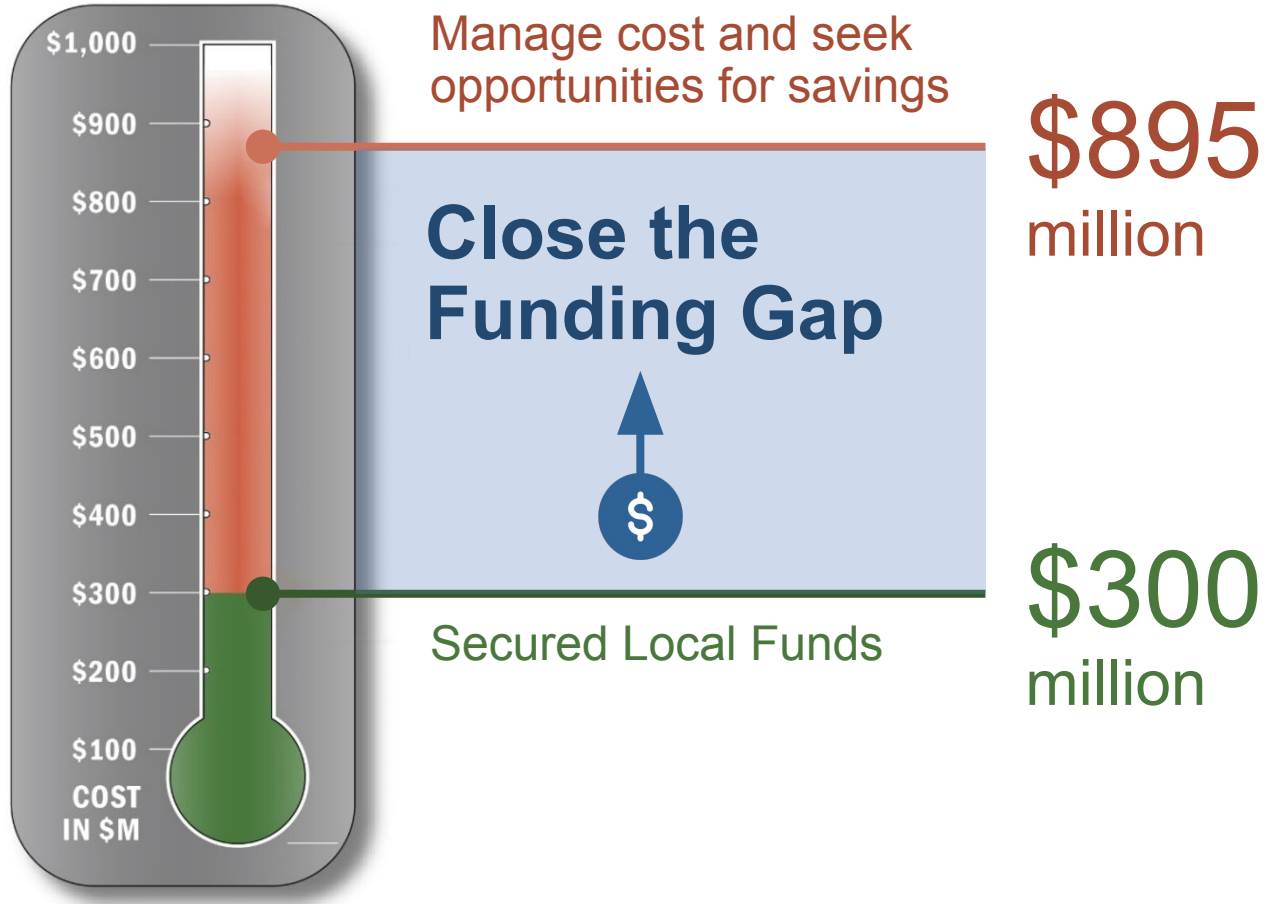


with Cable Stay Tower

Project Timeline



Funding Status



\$895 M Estimated project cost

✓ **\$300 M** Multnomah County funded

\$595 M Funding need

Federal Grant Requests

- ✓ **Rebuilding American Infrastructure with Sustainability and Equity (RAISE)**
Awarded \$5 million for planning
- ⌘ **Multimodal Projects Discretionary Grant (MPDG)**
\$535 million for construction
- ⌘ **Bridge Investment Program:**
\$447 million for construction

Cost Saving Measures Implemented

March 2022 Board Adoption of Revised Preferred Alternative

- Reduction of vehicle lanes from 5 to 4
- Selection of girder style structure for west approach
- Selection of bascule style movable span over the navigation channel
- \$895 million planning level not-to-exceed budget

Proposed Bills

HB 3301 - Authorizes Multnomah County to form master plan and service district regarding bridges that span Willamette River

HB 3323 - Appropriates moneys from General Fund to Oregon Department of Administrative Services for distribution to Multnomah County for Earthquake Ready Burnside Bridge project

Thank You

