

Earthquake Ready Burnside Bridge Project

*East Multnomah County Transportation
Committee - Technical Advisory Committee*

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

August 2, 2023



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.



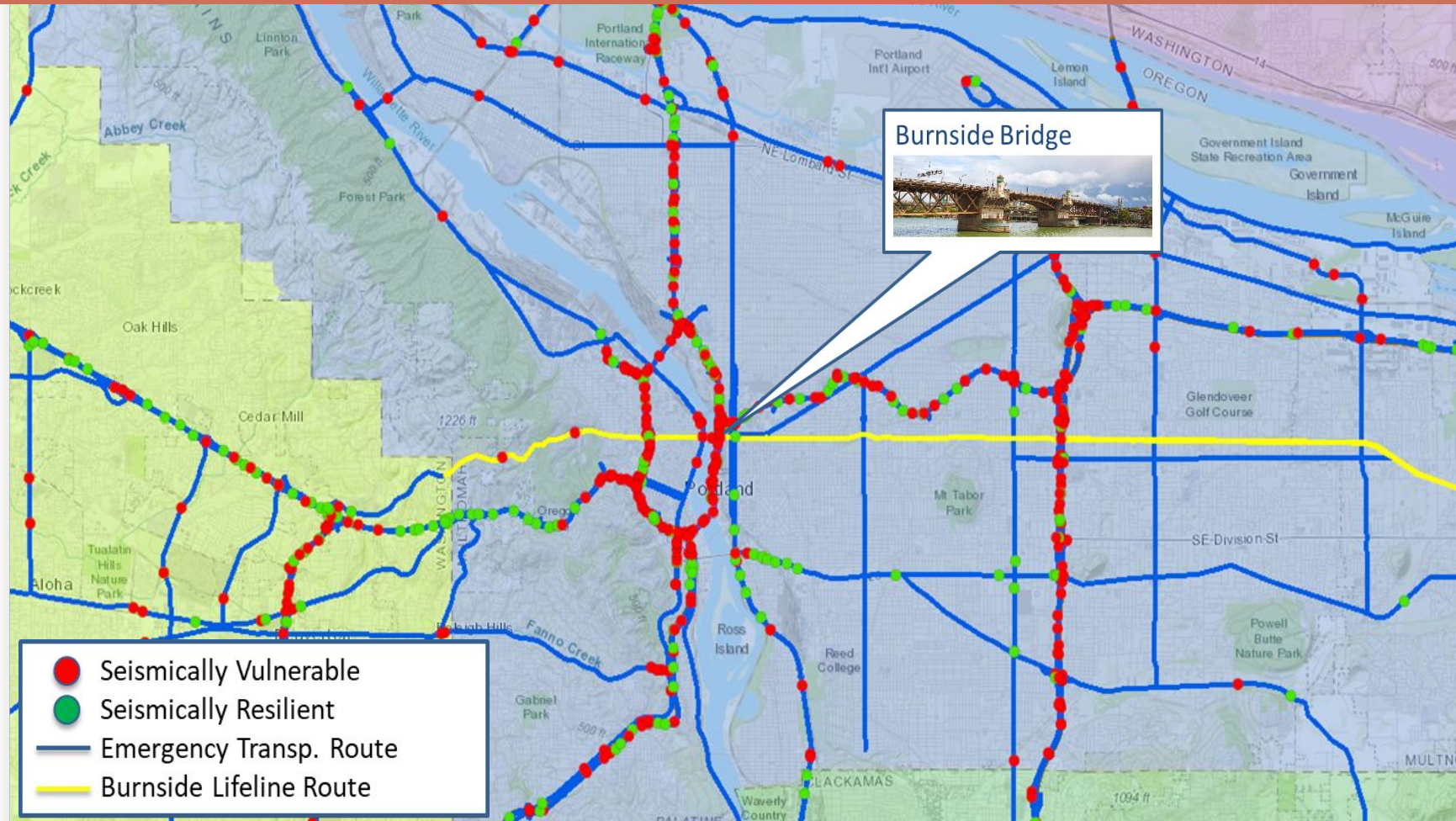
Video: [Simulation of Burnside Bridge collapse](#)



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

Purpose and Need

Burnside Bridge is Critical to Regional Emergency Response and Recovery



EQRB Purpose



Seismic resiliency and emergency response



Regional recovery and rebuilding



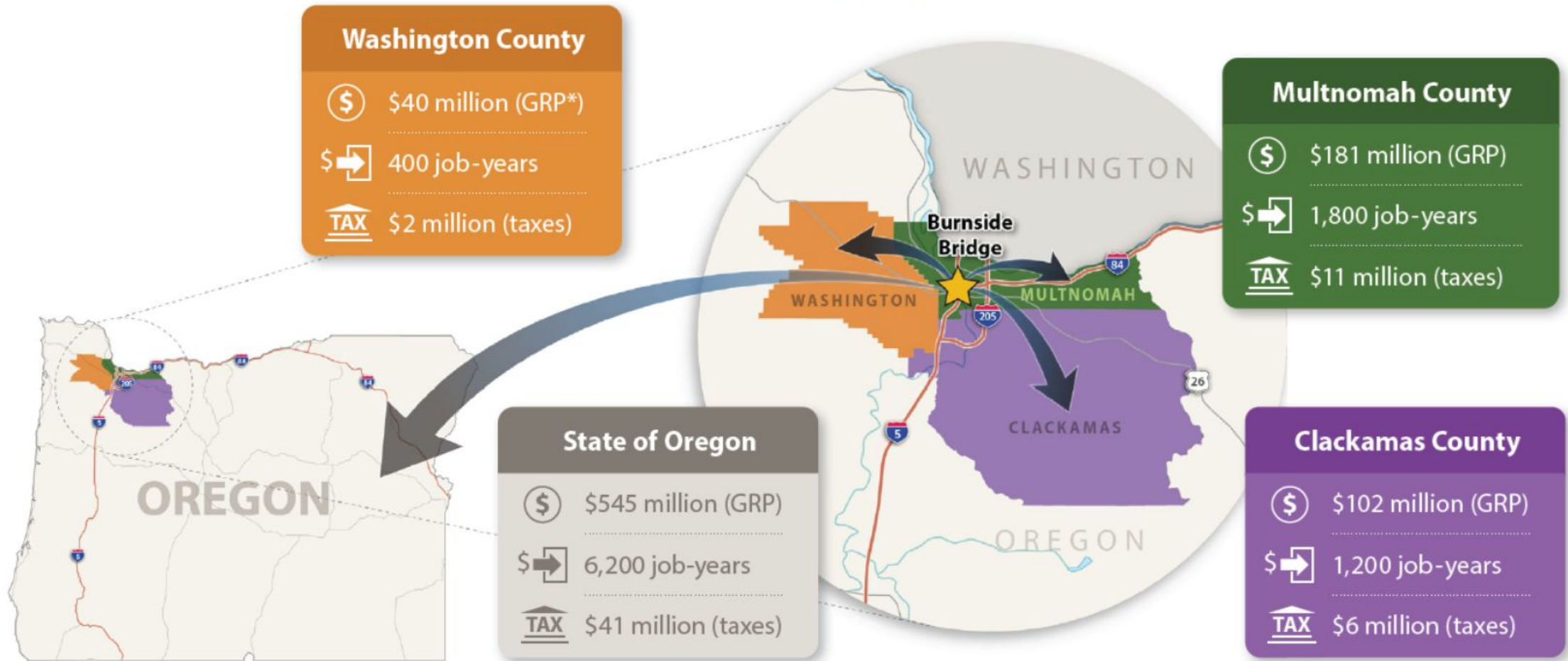
Long-term, safe crossing for all users



Equitable Jobs and Economic Stimulus

- Infuse **\$545 million** into the local, state and regional economy
- Provide over **6,200 job-years** in Oregon
- Promote **equitable hiring and contracting** by creating and meeting goals for the participation of minorities and women in the construction trades

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



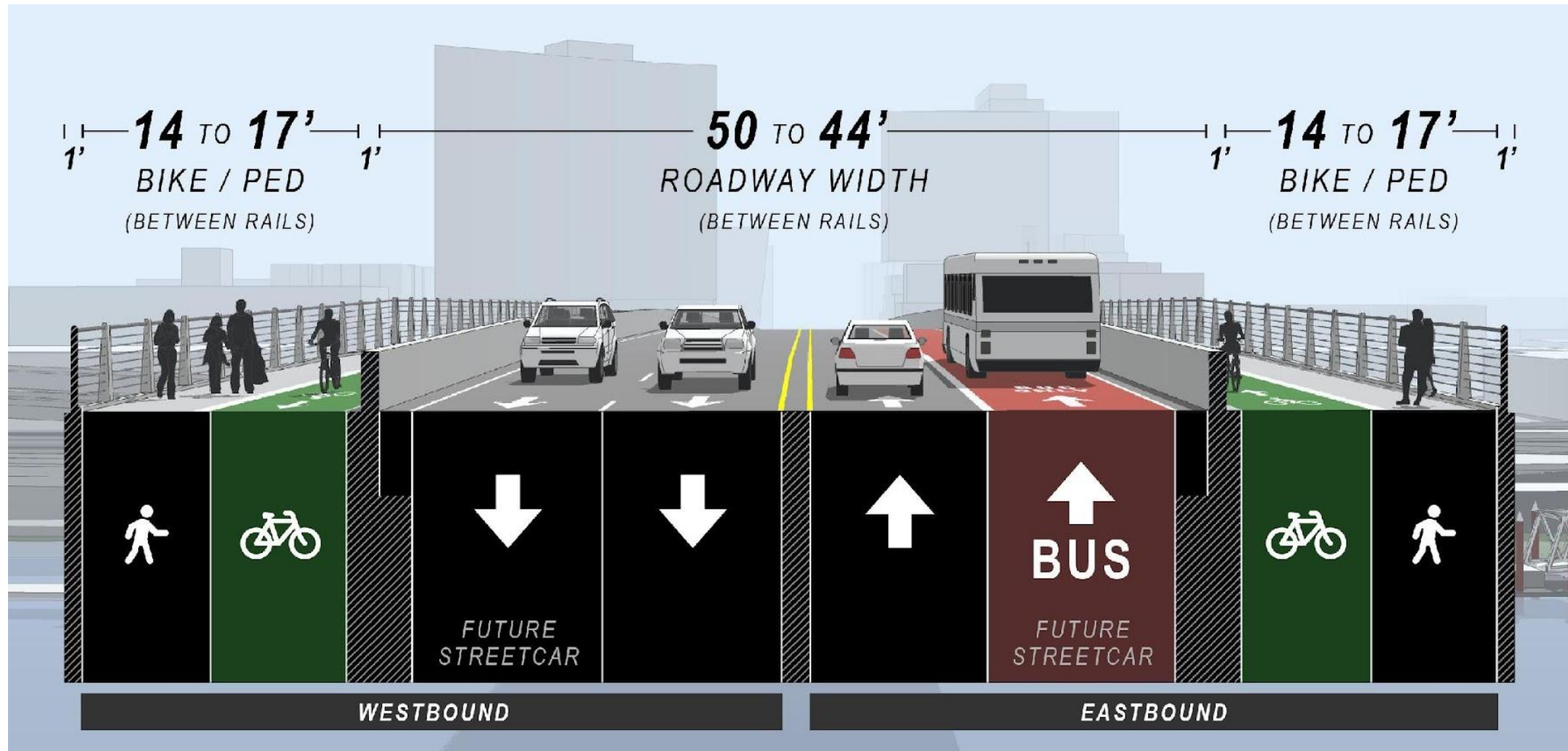
with Tied Arch



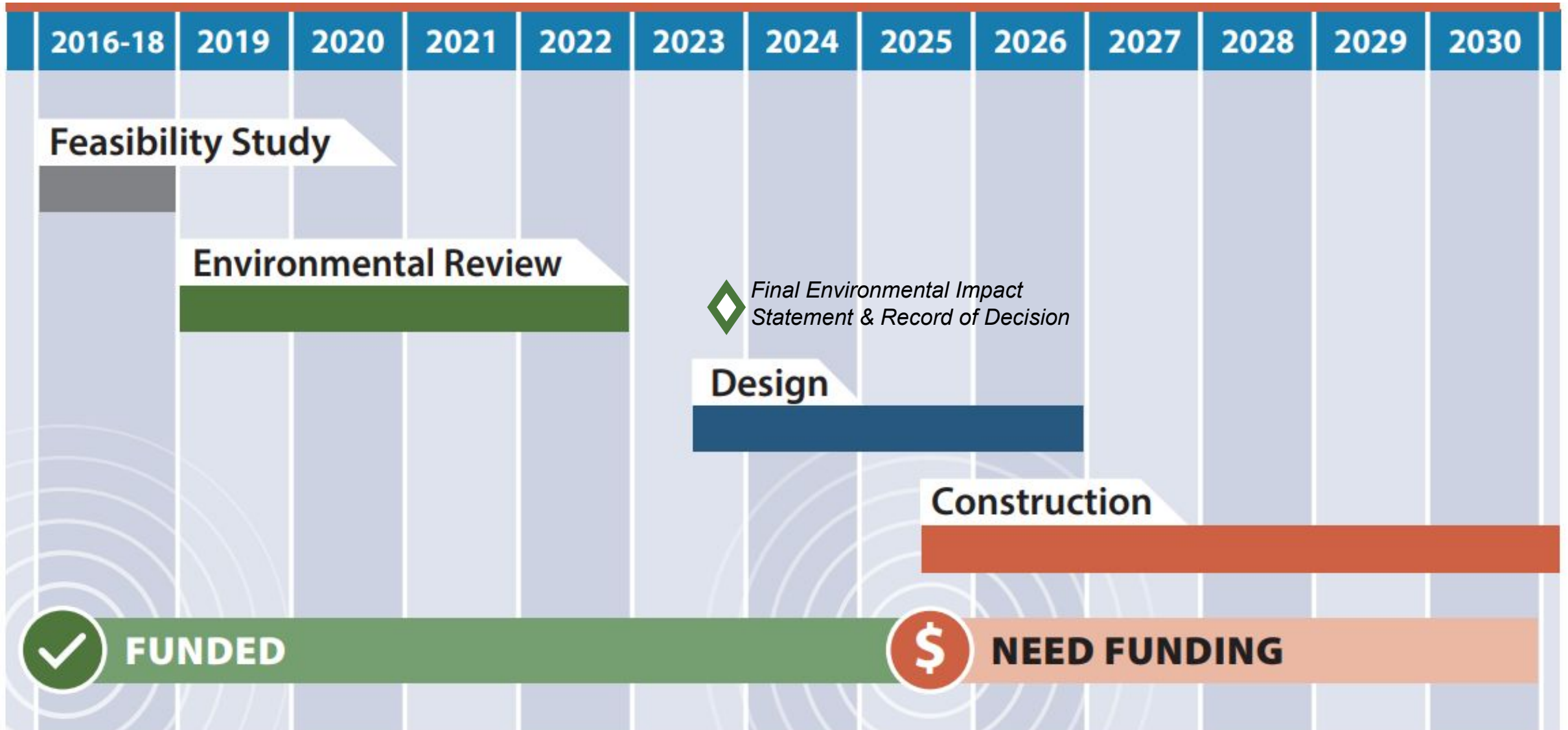
with Cable Stay Tower

Locally Preferred Alternative

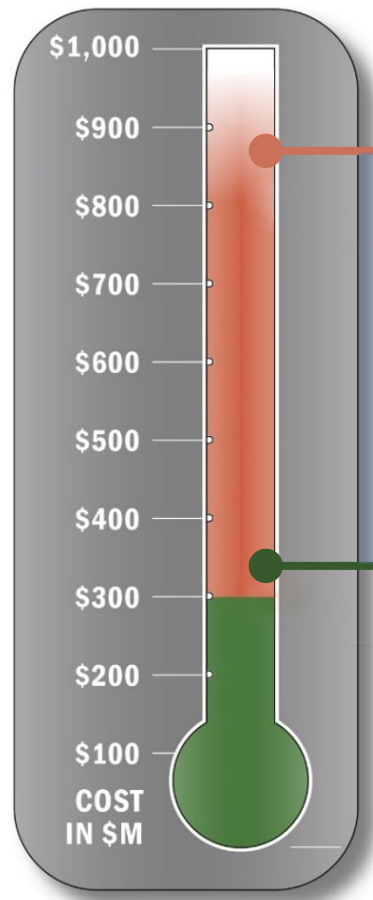
Cross Section



Project Timeline



Funding Status



Manage cost and seek opportunities for savings

Close the Funding Gap

\$895
million

\$327
million

Secured Funds

- Local: \$300M (Vehicle registration fees)
- State: \$20M (HB5030 lottery bonds)
- Federal: \$7M (RAISE and Congressional Appropriation)



Project cost estimated not to exceed

\$895
million



Currently pursuing: \$447 million MPDG federal grant



Construction-ready in 2025

Questions?

