

# Earthquake Ready Burnside Bridge Project

*East Multnomah County Transportation  
Committee*

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

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**August 14, 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.



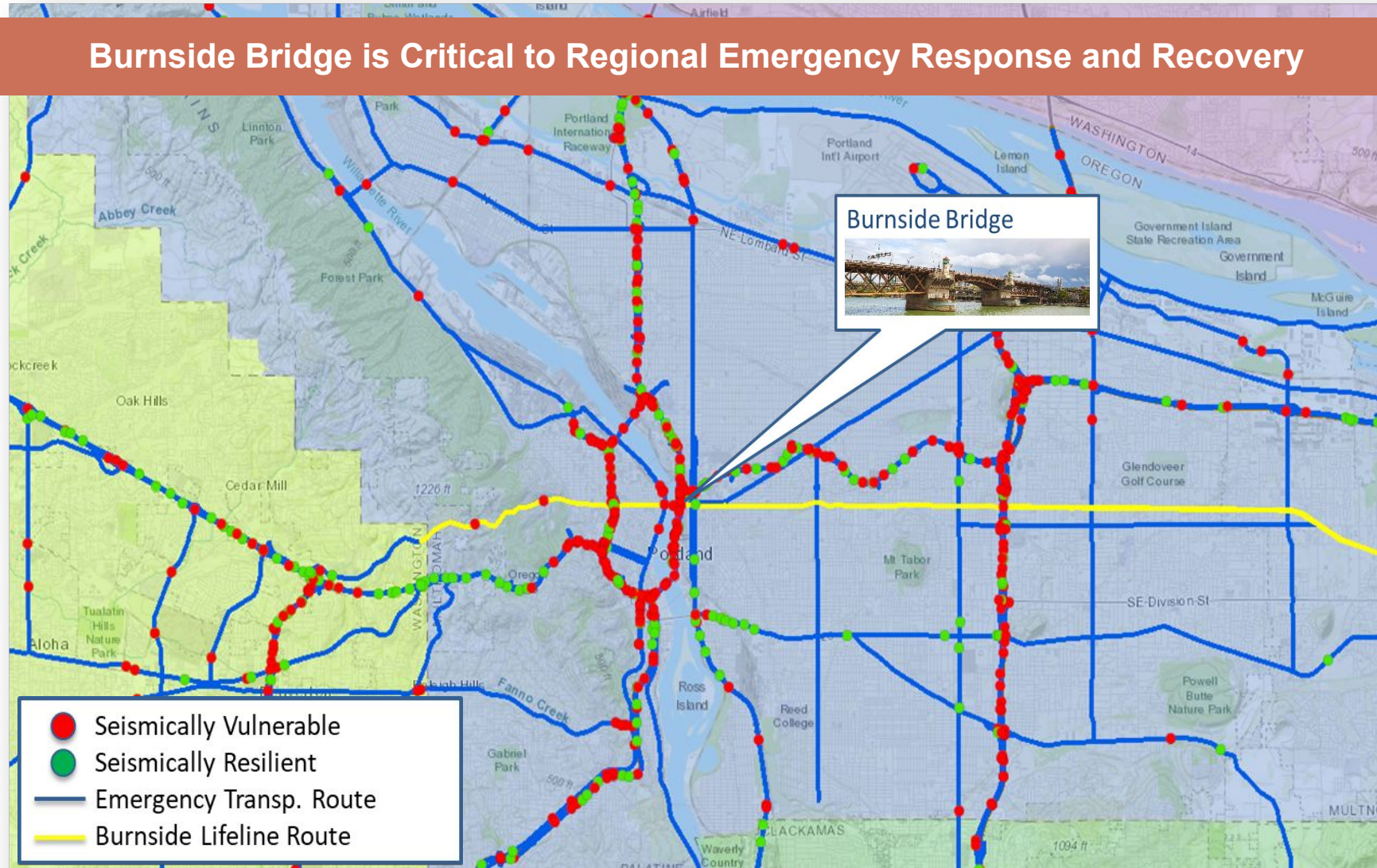
Video: [Simulation of Burnside Bridge collapse](#)



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

# Purpose and Need

Burnside Bridge is Critical to Regional Emergency Response and Recovery



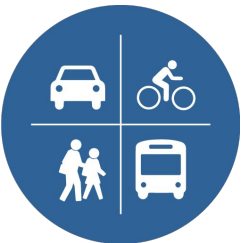
# EQRB Purpose



Seismic resiliency and emergency response



Regional recovery and rebuilding



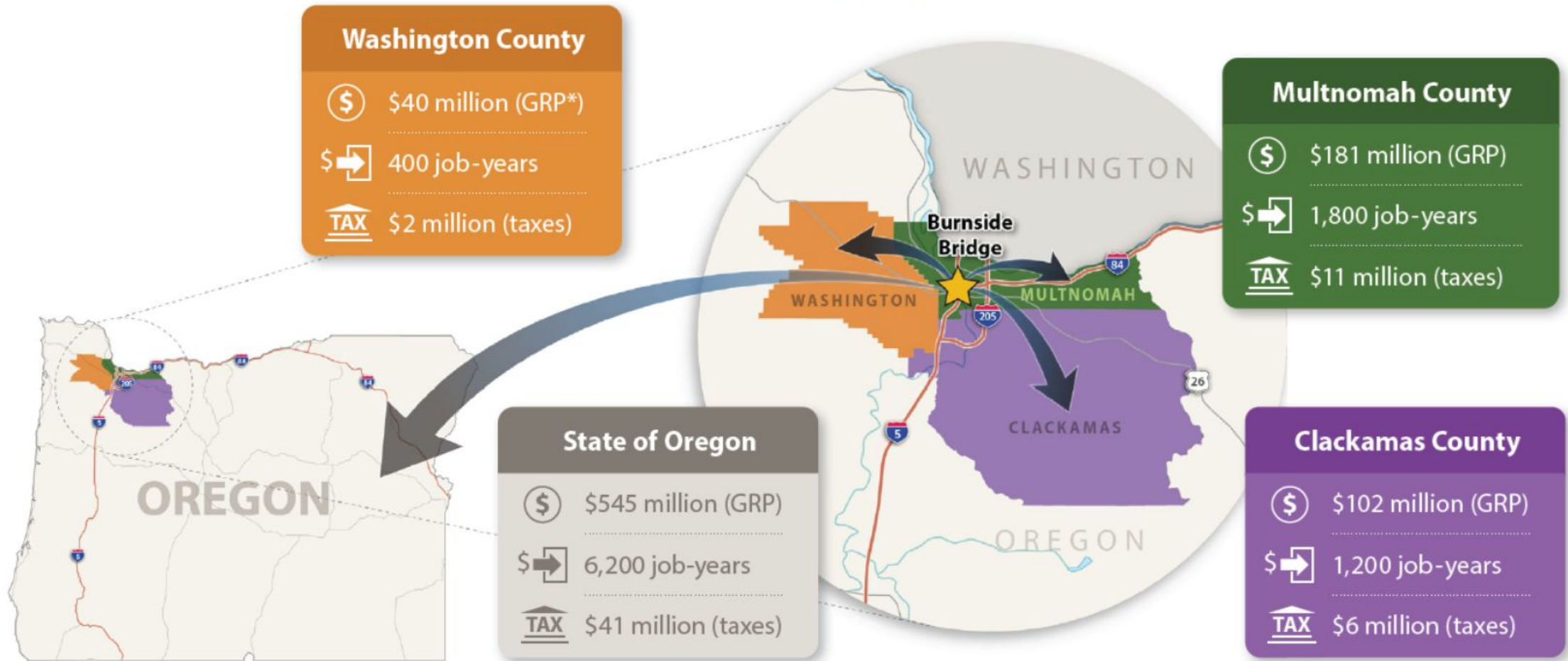
Long-term, safe crossing for all users



# 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



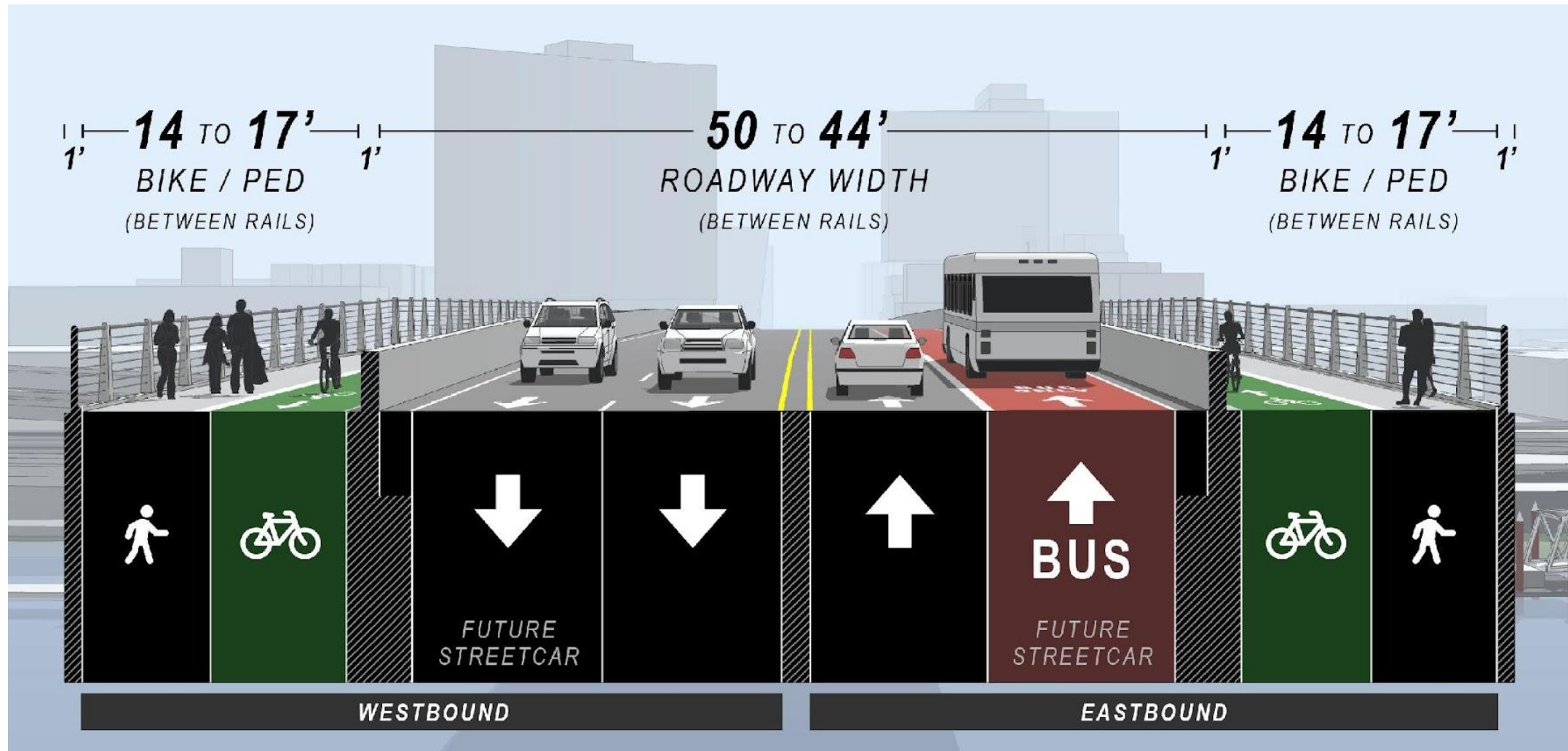
*with Tied Arch*



*with Cable Stay Tower*

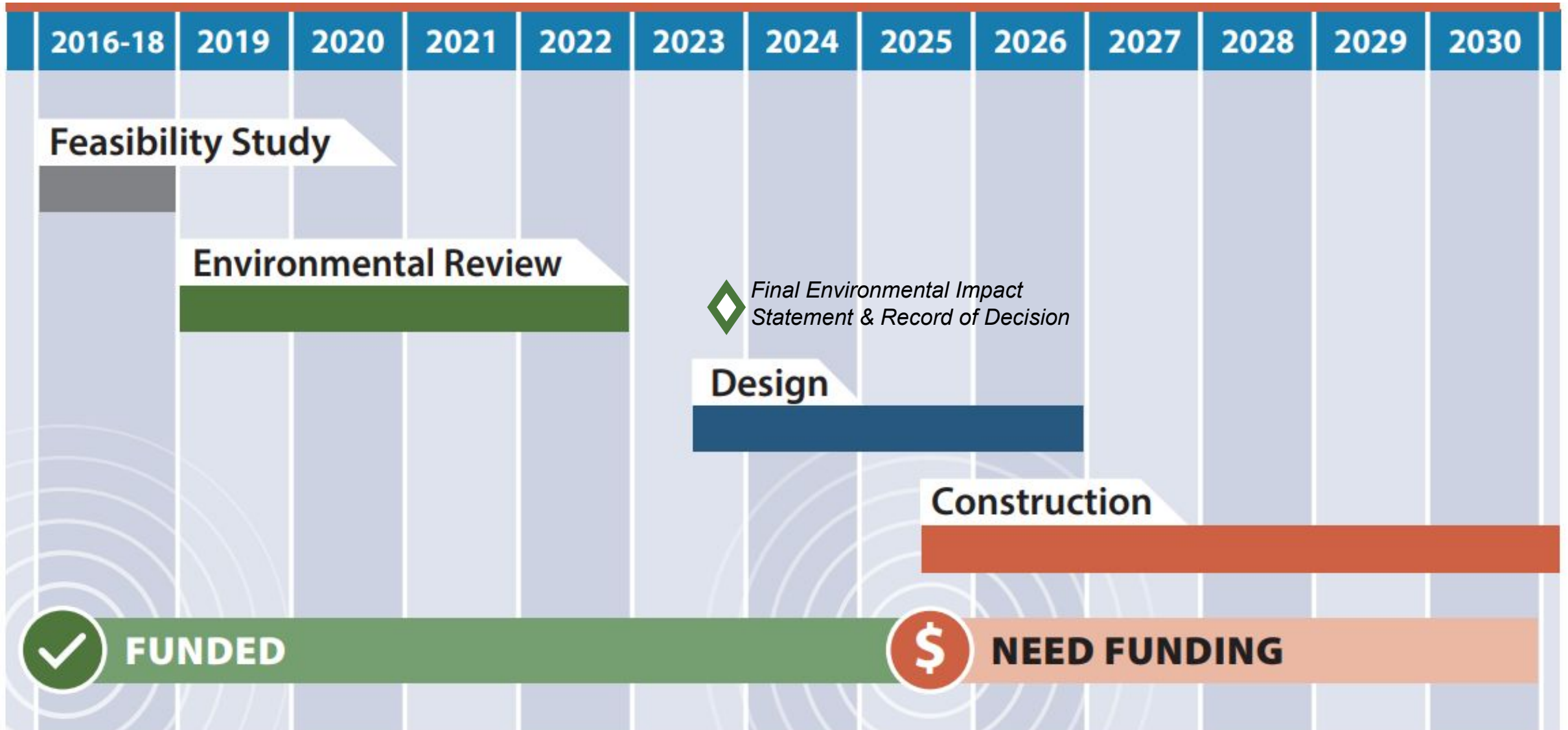
# Locally Preferred Alternative

## Cross Section

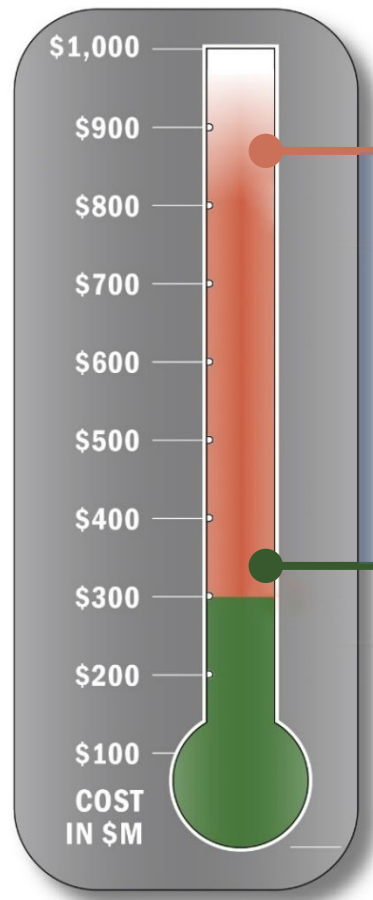




# Project Timeline



# 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 (FY22 RAISE and FY23 Congressional Appropriation)



Project cost estimated not to exceed

**\$895**  
million



Currently pursuing: \$447 million MPDG federal grant



Construction-ready in 2025

# Questions?

