

# Multnomah County Willamette River Bridges CAPITAL IMPROVEMENT PLAN (2015-2034)



Our landscape is defined by rivers and the bridges that span them. Whether we think about it or not, we all depend on safe, convenient river crossings for our daily lives and livelihood. Multnomah County is responsible for six of the Willamette River bridges (Broadway, Burnside, Hawthorne, Morrison, Sauvie Island and Sellwood). In addition to being community landmarks, they are vital to the region's economy as well as our quality of life.

## What is the Bridge CIP?

The Multnomah County Willamette River Bridges Capital Improvement Plan (Bridge CIP) identifies a 20-year program of necessary capital projects and associated funding needs to maintain and seismically retrofit the County's iconic Willamette River bridges for the period 2015-2034.

## Why do we need it?

These bridges connect the community and currently serve approximately 200,000 people daily. All the bridges are aging and require preventative maintenance, and more specifically, the County's four historic movable bridges currently lack the necessary seismic resiliency to withstand moderate to major earthquakes. This is especially true for the anticipated Magnitude 9.0 Cascadia Subduction Zone event that the Oregon Department of Geology and Mineral Industries has calculated as having a 37% chance of occurring before 2065.

Therefore the County took a thorough and comprehensive look at the needs of this critical transportation infrastructure. With limited available funding for major bridge upgrades or replacements, the Bridge CIP has addressed the question of which improvements to plan for and prioritize.

## What are the objectives of the plan?

- Assess life cycle and capital maintenance needs for key mechanical, electrical and structural systems and paint.
- Conduct a seismic evaluation to support programmatic rehabilitation needs, projects and costs.
- Develop a comprehensive understanding of the current condition of the six bridges.
- Identify needs, projects and costs to maintain the bridges to current service levels.
- Provide a rational basis for identifying and prioritizing capital projects.
- Establish criteria for informing program and project selection decisions.
- Provide collaborative public and stakeholder input for criteria selection.
- Obtain Board of County Commissioners input and approval for the Bridge CIP.



Multnomah County bridges.

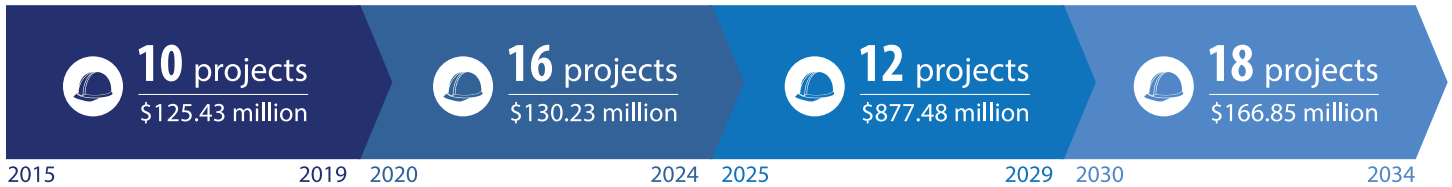
## What are the desired outcomes?

Dependable bridge operation, safe and reliable river crossings, enhanced seismic resiliency, integration of Multnomah County's Equity Lens in decision making processes, and alignment with Multnomah County's Climate Action Plan.

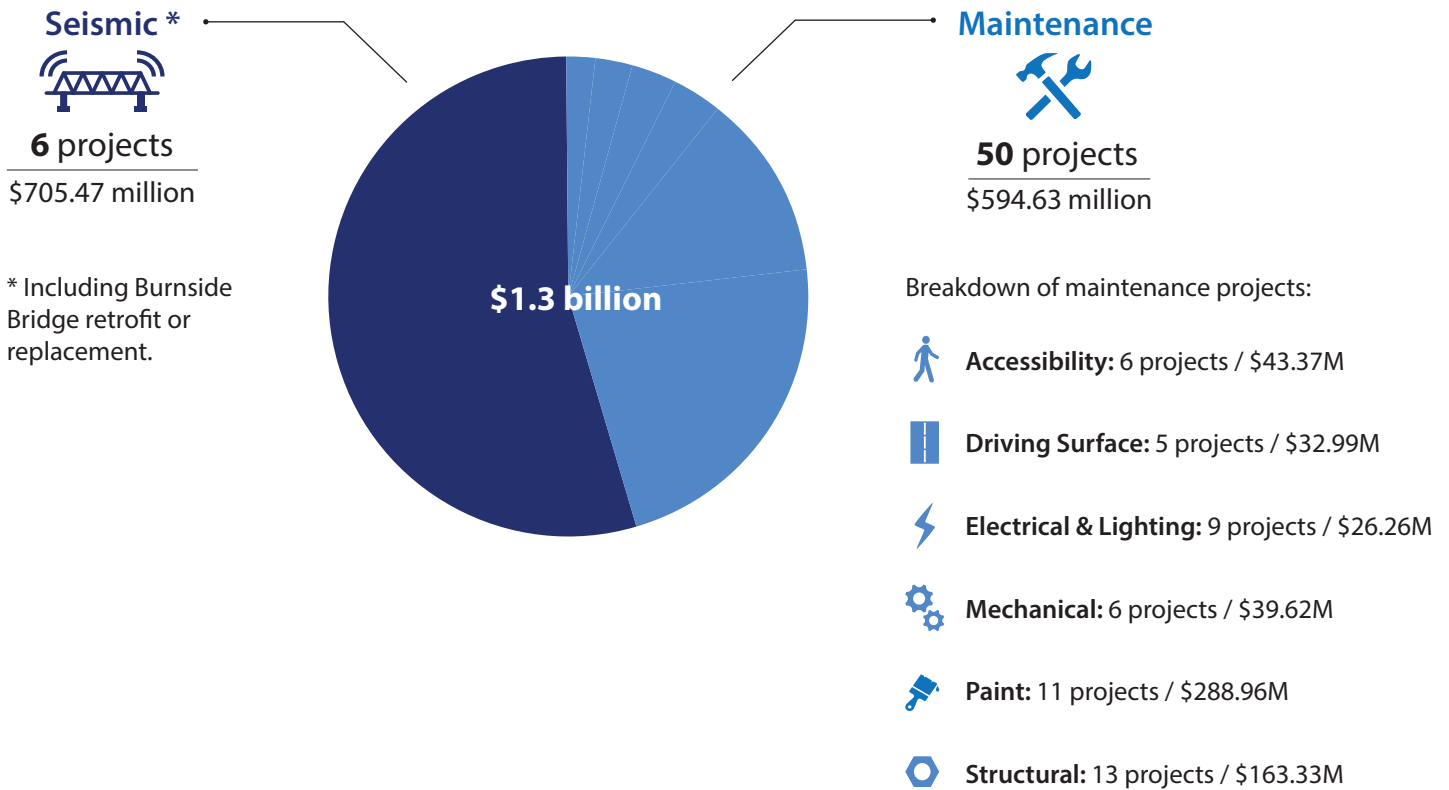
## What are the results of the Bridge CIP?

The Bridge CIP identifies **56 capital projects** with a total cost of approximately **\$1.3 billion**. Costs for the projects account for inflation to a programmed year of expenditure. Each capital project is planned within a specified 5-year time interval.

Summary of project costs by target time interval.



Summary of project costs by primary work category.



## Public input

Multnomah County held a comment period for the release of the draft Bridge CIP in February 2015. Two Summit Meetings were held on Thursday, February 12, one an Agency meeting, the other a Community meeting. These were followed by an online survey that was posted to the project website from February 12-26. Emails with Bridge CIP comments were received by County staff during this time as well.

## For more information

- Multnomah County Communications  
503-209-4111
- bridgeplan@multco.us
- Download the complete Bridge CIP at:  
[www.multco.us/bridgeplan](http://www.multco.us/bridgeplan)