

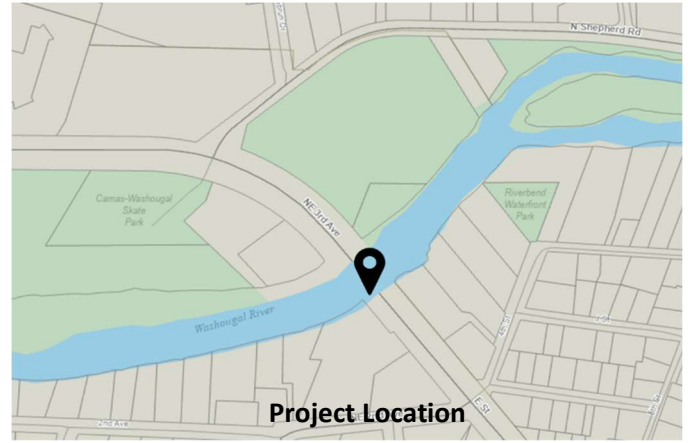


NE 3rd Ave Bridge Seismic Retrofit Project Summary

Project Type: Bridge Retrofit (Streets)

Total Project Cost: \$3,310,000

Project Timeline: April 2018-Sept 2022



Project Description

A seismic evaluation commissioned by the City determined that the bridge was seismically vulnerable. Federal funding for seismic retrofit improvements was obtained through the WSDOT Local Bridge Program for engineering design, right-of-way and construction. Work included installation of new bearing pads, structural steel reinforcement, soil stabilization, water line improvements, a stormwater collection system and new asphalt pavement.

Project Details and Benefits

- Structural connections between existing steel and concrete structures increase seismic resilience
- 28 elastomeric bearing pads isolate the bridge from seismic activity
- Stormwater collection and filtration system improves water quality
- Water line improvements prevent pipe damage during seismic events
- A total of \$3,207,926 in Federal funds was awarded to cover 86.5% of design and right-of-way expenses and 100% of construction cost, minus minor expenses

Project Funding

| Project Phase | Year | Federal Grant | Street Fund | Total |
|--------------------------|-----------|--------------------|------------------|--------------------|
| Design | 2018-2020 | \$540,462 | \$84,349 | \$624,811 |
| Right of Way | 2020 | \$7,333 | \$1,145 | \$8,478 |
| Construction | 2021-2022 | \$2,660,131 | \$16,589 | \$2,676,720 |
| Total | | \$3,207,926 | \$102,083 | \$3,310,009 |
| Original Budget Estimate | | | | \$2,982,610 |

