



CRP 733 Cascade Orchard Bridge Deck Preservation Cascade Orchards Bridge on Icicle Road in Leavenworth

Last Updated:
March 4, 2021



The Cascade Orchard Bridge (above) receives high recreational and multi-modal traffic year-round. Icicle Road, which crosses over the bridge and the Wenatchee River, experiences extreme weather conditions from below 0 to over 100 degrees, along with snow and ice control measures and studded tires. The concrete driving surface of the bridge is integral with the superstructure. Although the deck has been patched on an as-needed basis (right), a more permanent fix is now necessary.



Project No.: 733

Project Length: N/A

Project Basis: Preservation Project

Construction: Spring 2022

Project Description: This project will restore the deck on the county-owned Cascade Orchard Bridge, located outside of Leavenworth on Icicle Road. The condition of the bridge has deteriorated to a point where moisture is easily penetrating the deck surface and impacting the integrity of the steel and its adhesion to the concrete.

Status: The project is currently under design. Sargent Engineers, Inc., is the engineering consultant.

Travel Impact: At this time, in our design, plans are for the bridge to have one lane open to traffic with short-term closures as needed. Construction should take about three months.

Funding Sources:	
BRAC	\$794,600
County Road Fund	\$15,000
Current Funding Total:	\$809,600