

PUGET SOUND REGIONAL COUNCIL PRIORITY PROJECT LIST

NARRATIVE PROJECT INFORMATION *October 2011*

Project Sponsor:

City of Bothell

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Project Name:

Bridge Preservation Program

Project Location:

Various Locations Throughout Bothell

What type of project is it: Support Centers Corridors Serving Centers

Plan Consistency:

- Transportation 2040 project number: N/A
- Is the project consistent with the Transportation 2040: Yes No

Project Description - No more than one full page - (see evaluation criteria for information to include):

- Briefly describe the project
- What is the intended outcome & benefit

The Bothell Bridge Preservation Program maintains 5 bridges within King County.

North Creek Parkway North – North Bridge
North Creek Parkway North – South Bridge
NE 195th Street Bridge
102nd Avenue NE Bridge
Sammamish River Bridge

The program inspects the bridges to meet state and federal requirements. These bridges are on the National Bridge Inventory. The program performs analyses such as load ratings and hydraulic scour analyses as necessary. The lives of the bridges are extended as long as possible by performing adequate maintenance such as painting and deck repair. In addition, seismic retrofits are performed to help them withstand events. Finally as necessary repairs to deteriorated members are completed.

The North Creek Parkway North bridges are in relatively good shape and minimal maintenance/repairs are anticipated over the next 10 years.

The NE 195th Street bridge was originally constructed in 1949 and subsequently widened in 1967 and 1984. It is anticipated that within the next 3 years, a seismic retrofit repair will be performed. The seismic retrofit will be listed as a separate project. A scour repair will be performed within the next 5 to 7 years. It is further anticipated that this bridge will be replaced within 10 years. This bridge is a critical component of the City's street network and must be crossed for commuters of the North Creek Business Park to access I-405.

The 102nd Ave NE Bridge had a concrete overlay installed along with a seismic retrofit within the last 5 years. It is anticipated that minor maintenance work such as deck sealing may need to occur over the next 10 years. This bridge is one of two critical crossings of the Sammamish River that connects south Bothell to downtown.

The Sammamish River Bridge was built in 1947. It is anticipated that within 3 years, a seismic retrofit repair will be performed. This seismic retrofit will be listed as a separate project. At the same time the pedestrian railing will be painted and/or replaced, the settled roadway fill at the abutments will be repaired, and various other minor repairs will be completed. This bridge is one of two critical crossings of the Sammamish River that connects south Bothell and Kirkland to SR-522. While the bridge superstructure is in relatively good shape, the substructure consists of timber piles that are close to 65 years old. It is anticipated that the bridge will be replaced within 10 years.

The bridges provide access and mobility for traffic, bicyclists, and pedestrians across bodies of water. These bridges are crucial to the economic viability of the North Creek Business Parks and Downtown Bothell without which commuters, freight, residents, and customers would not be able to access the two key centers.

Project Status & Timeline

Where is the project at in development?

What is the timeline for this project from start to completion?

(Please identify the major phases)

This is an on-going annual program.

Additional Comments