

Attachment B – Additional Background Information

Project Name:

NE 95th Street Bridge Replacement

Project Discussion

The current NE 95th Street Bridge was built in 1951 by King County and was annexed into the City of Redmond in 1996. The structure was built with concrete deck girders on creosote-treated timber abutments that are partially submerged in the stream channel year-round. The hydraulic opening of the bridge is less than 20 feet wide which constricts Bear Creek during high flow events and has resulted in flooding over the roadway. The bridge has rotting planks, scour along the abutments, and settlement on the roadway approaches. A number of repairs have been conducted over the years, but the current bridge sufficiency rating is still 63 out of 100, a failing grade. The current bridge has reached the end of its useful life.

The City completed a repair to the bridge's wing walls in 2010 under a Hydraulic Project Approval (HPA) from the Washington Department of Fish and Wildlife (WDFW). As a condition of this HPA, WDFW required the City to replace the bridge by 2016. The City was subsequently granted an extension of this requirement from WDFW to 2024, and as mitigation completed a Bear Creek stream enhancement project south of the bridge in 2019. The City was recently granted another extension from WDFW, and the bridge replacement is now required to be complete by 2029.

The City will replace the existing vehicular bridge with a 10 to 14 foot wide prefabricated pedestrian and bicycle only bridge. The new bridge will be constructed to provide a wider hydraulic opening for the Bear Creek stream channel and the narrower width of the bridge structure will reduce the impact to wetlands and other sensitive areas.

The intent of this first phase of design is to collect field data, analyze the site conditions, and meet with outside agencies and tribes in order to develop a preliminary (5%) design concept for the bridge and the environmental mitigation. This concept will then be used to develop the scope of work for the remainder of design and permitting. The next phase will include outreach to communicate the details of the bridge design to the public.

Consultant Agreement history

Proposed Consultant Agreement: Amount \$430,000, Completion date 12/31/2024

Fiscal Information

Current Project Budget

Transportation CIP	\$5,358,850
Stormwater CIP	\$528,356
Total Funding	\$5,887,206

Estimated Project Costs

Design Phase	\$2,780,716
Right of Way	\$196,954

Construction Phase	<u>\$2,909,536</u>
Total Estimated Project Cost	\$5,887,206
Budget Difference	\$0