

Manette Bridge Replacement Project - Cost Estimate

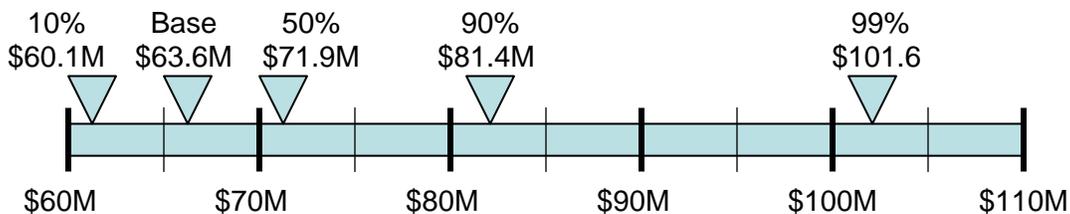
The Manette Bridge is one of 49 structurally-deficient bridges the state is responsible for in need of replacement or major rehabilitation. The statewide Bridge Preservation Program funds these bridge repairs or replacements.

The cost estimate range for the Manette Bridge Replacement is \$60.1 million to \$101.6 million. Based on the cost risk estimation process described below, the project has been allocated \$83.1 million for design and construction. Though the project is allocated \$83.1 million, we are actively managing risks to build the bridge at the base cost of \$63.6 million. If the construction cost of the Manette Bridge is less than the allocated funding level, extra funds will be returned to the Bridge Preservation Program to be used on other bridges awaiting rehabilitation or replacement.

Cost risk estimates

As part of developing project cost estimates, WSDOT employs a methodology called Cost Risk Assessment. The process identifies situations (or risks) that could affect the cost of the project or the amount of time it takes to build it. After risks are identified, they are factored by how likely they are to happen and how much cost or time impact would result. Finally, starting with the base (no risk) cost of the project, risk factors are combined to develop a cost estimate range and delivery schedule.

The Cost Risk Assessment for the Manette Bridge Replacement project produced this cost estimate range:



This cost estimate range states that there is a 10% probability that the project will cost \$60.1 million or less, and a 99% probability the project will cost \$101.6 million or less. When securing funding to cover the probable range of costs, WSDOT policy is to adopt the 90th percentile cost estimate from the Risk Assessment.