**HISTORY**

- **Built in 1930 and rebuilt in 1952**
- **1975** - Closed and reopened with a 3 ton load posting due to the failure of main cable strands
- **1976** - Two new cables were added and north approach was replaced
- **1984** - Superstructure rehab including floorbeams, stringers, decking, and railings
- **1994-1995** - Major rehab including increasing size of floorbeams, replacing decking, enlarging concrete anchors, replacing steel rods with high strength cable, and enhancing the guardrail system
- **1995** - Posted for 10 tons
- **1999-2000** - Brackets added under the main cables to bypass rotten tower caps and redistribute the load to the columns. Tower rehabilitation including the replacement of many secondary members.
- **2010** - Replaced a North Tower column and two North Tower sills
- **2015** – Cable support brackets on towers were upgraded.
- **2017** - Emergency repair due to the discovery of advanced rot in the stringers. Replaced all main span stringers and decking, installed strapping plates around floorbeams, and reinforced South Tower sill and columns

**FUNCTIONALLY OBSOLETE**

- 10 ton weight restriction
- Single lane 8’ curb to curb

**STRUCTURALLY DEFICIENT**

- Sufficiency rating of 10/100
- Superstructure - 4
- Substructure - 4
- Structural Evaluation - 2

**EXISTING CONDITIONS / PROJECT URGENCY**

- Sag between panel points 12-21.
- Crushed timber sill support under Cap 5.
- Rusted cables at the top of towers.

**BRIDGE DESCRIPTION**

- 340’ timber suspension bridge
- 272’ main span
- Single lane, 8’ curb to curb
- 4 steel main cables, 2 original and 2 retrofit
- Timber substructure and timber superstructure
- 3 south approach spans 2 north approach spans
- Posted for 10 tons
- 5 MPH speed limit
- One of King County’s landmark structures

**CHALLENGES**

- Single lane bridge and sole access road
- Housing is present at all corners of the bridge
- Foundation issues due to the aquifer
- One of King County’s landmark structures
- Large span length
- No piers in the river

**$18.9 million projected replacement cost**

Projected construction in 2024-2026