# A TALE OF THREE BRIDGES

## TACOMA NARROWS BRIDGE

## "Galloping Gertie" The First Narrows Bridge

It's been more than six decades since the first Narrows Bridge opened to traffic and then, four months later, collapsed violently into Puget Sound. Come summer 2005, the bridge that now lies as wreckage on the Narrows seabed will commemorate its 65th anniversary.

When it opened July 1, 1940, the elegant and graceful span stretched like a steel ribbon across Puget Sound. It boasted the distinction of being the world's third largest suspension bridge. It's completion marked a turning point in the history of Peninsula residents by ending decades of isolation and fueling economic growth.

Around the world, people know the tale of Galloping Gertie. It stood for four short months, its deck flexing and rolling before tearing apart in a windstorm.















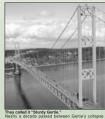


### "Sturdy Gertie" The Second Narrows Bridge

At one mile in length, the existing 1950 bridge is the fifth longest in the United States and represents the best of suspension bridge design, stability and engineering.

Following Gertie's demise, World War II delayed construction of Tacoma Narrows Bridge II for a full eight years. Shortages of steel and wire made such materials valuable commodities. Washington sold bridge steel as surplus, and the remains of the 1940 bridge cables and span were scraped.

The state financed the second bridge through a \$14,000,000 bond issue. When the bridge opened in 1950, tolls were almost the same as for Gertie. The bridge remained a toll facility until the bonds were retired in May 1965, thirteen years ahead of schedule.





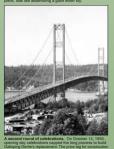
















In September 2002, the Washington State Department of Transportation began constructing Tacoma Narrows Bridge III. Two years later, the project was nearly half complete.

By September 2004, bridge builder Tacoma Narrows Constructors had finished the two bridge caissons, or tower foundations, in the water. On land, they were paving new roadways, building the east and west anchorages and numerous retaining walls, and installing drainage facilities. They had completed two half-diamond interchanges and a highway underpass, and had started building the toll facility. Along the way, the project remained right on schedule.

Tacoma Narrows Bridge III is the largest suspension bridge built in the United States since 1964. Its foundations stand a mere 60 feet south of the current bridge's foundations. This \$849 million project will also improve 2.4 miles of State Route 16, and will renovate the existing bridge with seismic upgrades and a new deck.













