

SR 520 Bridge Replacement and HOV Project



Washington State
Department of Transportation

Fact Sheet

Fall 2005

Quick Facts

Existing Bridge

Official Name:

Governor Albert D. Rosellini Bridge

Width of the Evergreen Point Bridge:

60 feet

Length of the Evergreen Point Bridge:

2.39 miles

Length of the floating section:

1.42 miles

Total number of anchors:

62

Number of pontoons:

33

Weight of a standard anchor:

77 tons

Depth of Lake Washington at drawspan:

200 feet

Date bridge opened to traffic:

August 28, 1963

Date tolls were lifted:

June 22, 1979

Design life remaining:

Approximately 15 years

Recent retrofits:

- Storm damage repair of pontoon cracks: 1993
- Pontoon bolts and crack seal: 1997
- Seismic retrofit, cable post tensioning, wave deflectors: 1998
- Emergency repair to column damage: 2000

Length of repaired cracks fixed:

30,000 linear feet repaired since 1993 (brought on by the 1993 Inaugural Day Storm)

Number of vehicles that use the bridge

each day: 115,000

Number of vehicles the bridge was

designed for: 65,000

Winds that can be sustained by the bridge:

50-70mph

Definition of design life:

The length of time that a structure is expected to withstand the environmental and traffic loads, which are set in the structure's design criteria and standards. At the end of a structure's design life, it will no longer be able to carry the loads for which it was originally designed. If a structure has been supporting loads greater than what it was originally designed for, its design life is reduced.



West approach to the Evergreen Point Bridge

Proposed Bridge

Cost Range of 4-Lane Alternative:

\$1.7- \$2.0 billion (Depends on funding and construction starting in 2009-2010)

Cost of the 6-Lane Alternative:

\$2.3 - \$2.8 billion (Depends on full funding and construction starting in 2009-2010)

Construction Start:

2009-2010

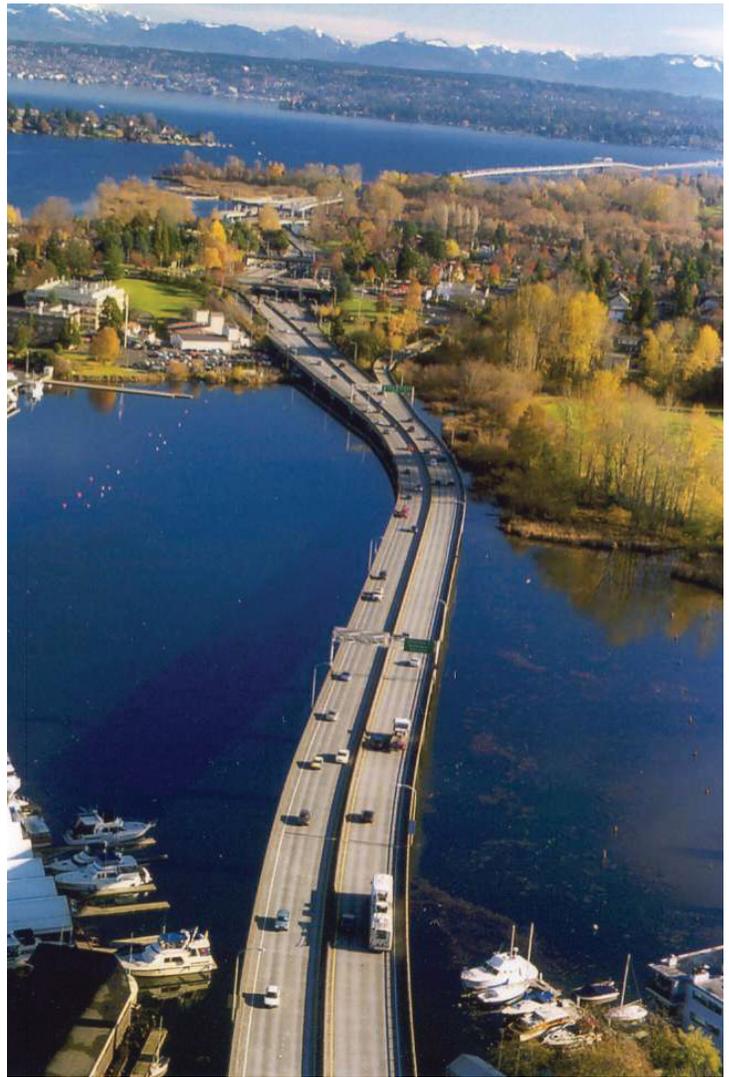
Number of pontoons:

55

Design life:

100 years

Winds that can be sustained by the proposed bridge: 92mph



View of Portage Bay Bridge, looking east

For More Information:

Project Web site:

www.wsdot.wa.gov/projects/SR520Bridge

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ADA Information: Individuals requiring reasonable accommodation of any type may contact Paul Krueger, Environmental Manager, WSDOT at (206) 381-6432. Persons who are deaf or hard of hearing may call WA State Telecommunications Relay Service (TTY) at 711.

Title VI: WSDOT assures full compliance with Title VI of the Civil Rights Act of 1964 by prohibiting discrimination based on race, color, national origin and sex in the provision of benefits and services. For language interpretation services, please contact Paul Krueger, Environmental Manager, WSDOT at (206) 381-6432. For information on WSDOT's Title VI Program, please contact the Title VI Coordinator at (360) 705-7098.