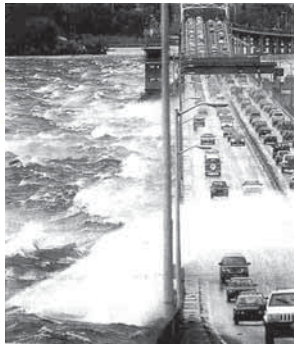
Catastrophic Failure Plan

- WSDOT is taking steps to help ensure an effective regional response to a potential SR 520 bridge failure.
- The catastrophic failure plan is a toolbox of strategies that:
  - Builds on established emergency management procedures.
  - Highlights short-term and long-term traffic management and communications strategies.
- The CFP was developed in collaboration with regional jurisdictions, transit agencies and businesses.

Vulnerability and Safety



Safety Improvements

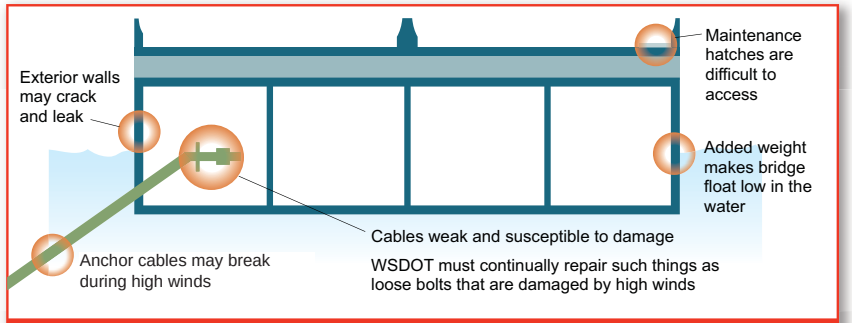
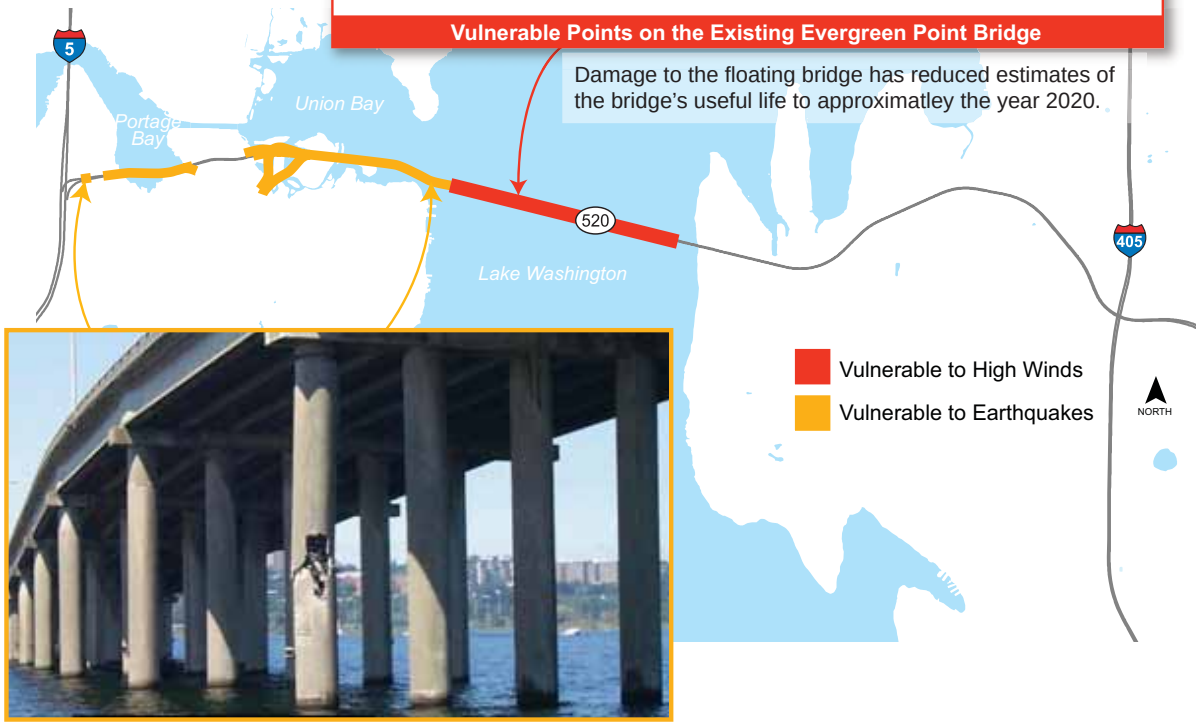
The new bridge will be built to current seismic standards and will be able to withstand windstorms that close the bridge today.

The new bridge will be:

- Designed to withstand higher windspeeds (92 mph).
- Built using solid columns that can withstand earthquakes.
- Designed with shoulders so disabled vehicles can pull out of traffic and emergency vehicles can reach accidents.

Current Vulnerabilities

A torn cable joint found during a routine inspection in February 2006. The cables connect the floating bridge pontoons to their underwater lakebed anchors.



Vulnerable Points on the Existing Evergreen Point Bridge