

# 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.

