

Figure 10: Bridge Seismic Screening Tool (BSST) Projected Reopening Times of Highway Bridges in Washington after the CSZ Scenario Earthquake

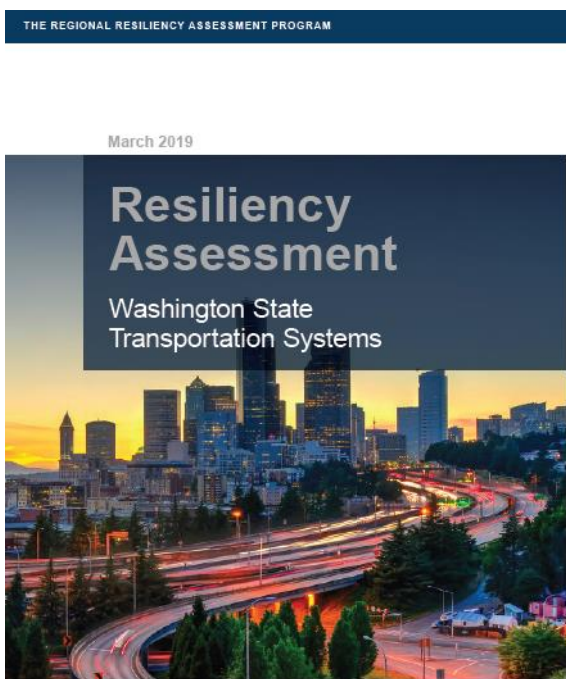


Table 2: Summary of Bridge Seismic Screening Tool (BSST) Projected Reopening Times of Highway Bridges in Washington after the CSZ Scenario Earthquake

Reopening Time	Number of Bridges
None	621
1-14 days	317
2-4 weeks	46
1-3 months	627
3-6 months	165
6-12 months	159
1-1.5 years	304
1.5-2 years	120
2-2.5 years	352
> 2.5 years	6

of those bridges evaluated would require over 1 year to reopen, and in many cases, 2 years or more. Repair and reopening times are greatest in the Puget Sound and southwestern coastal regions of the state, and on the Olympic Peninsula.

These results are generally consistent with the higher PGAs that will be experienced in these regions given their proximity to the fault line. On the Olympic Peninsula and in the southwestern coastal region, these longer repair and reopening times are also consistent with repairs requiring the construction of new bridges over water, and frequently with soil improvements.