Potential Impact of Permanent Ground Deformation to Metro Emergency Transportation Route Segments
Cascadia Subduction Zone Magnitude 9.0 Earthquake
Wet (Saturated) Soil Scenario

Permanent ground deformation combines earthquake-induced landslide and lateral spread from liquefaction (Plate 8). Probability of occurrence for segments with > 0.5 m of permanent ground deformation is between 20% and 30% (Plate 9).

Emergency Transportation Routes in Columbia County (OR) and Clark County (WA) not analyzed nor fully represented in this map.

Not all cities are labeled.

Source Data:
City boundaries: Metro Regional Land Information System (RLIS), 2016
Emergency Transportation Routes: Metro, 2006
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