

WSDOT's Emergency Management

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**Washington State Transportation Committee
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Objectives

1. Working with Military Department's Emergency Management Division
2. Identify network of redundant or alternate routes
3. Enhance regional catastrophic preparedness
4. Recognize public transit's role in emergency response efforts

1. WORKING WITH MILITARY DEPARTMENT'S EMERGENCY MANAGEMENT DIVISION

Emergency Support Function 1

- WSDOT is responsible for ESF 1 in the [State Comprehensive Management Plan](#)
- *WSDOT has responsibility for Emergency Management of the Transportation System in the prevention, mitigation, preparedness, recovery, infrastructure restoration, safety, and security of the State and its transportation system.*

2. IDENTIFY NETWORK OF REDUNDANT OR ALTERNATE ROUTES

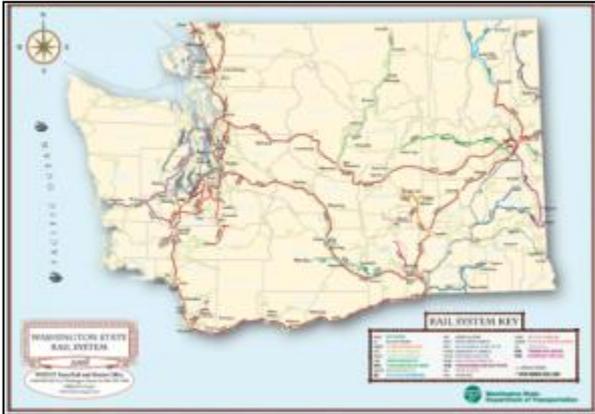
A Federal Grant provided funds to develop a multi-jurisdictional regional transportation system recovery plan, to identify likely system disruptions and to prioritize route restoration needs.



The Annex includes traffic mitigation strategies for 50 major road disruption scenarios identified by stakeholders in each of the eight (8) counties.



Roads, Rail, Water and Air Transportation



Disruption Scenarios

- 50 scenarios documented in the plan.



3. ENHANCE REGIONAL CATASTROPHIC PREPAREDNESS

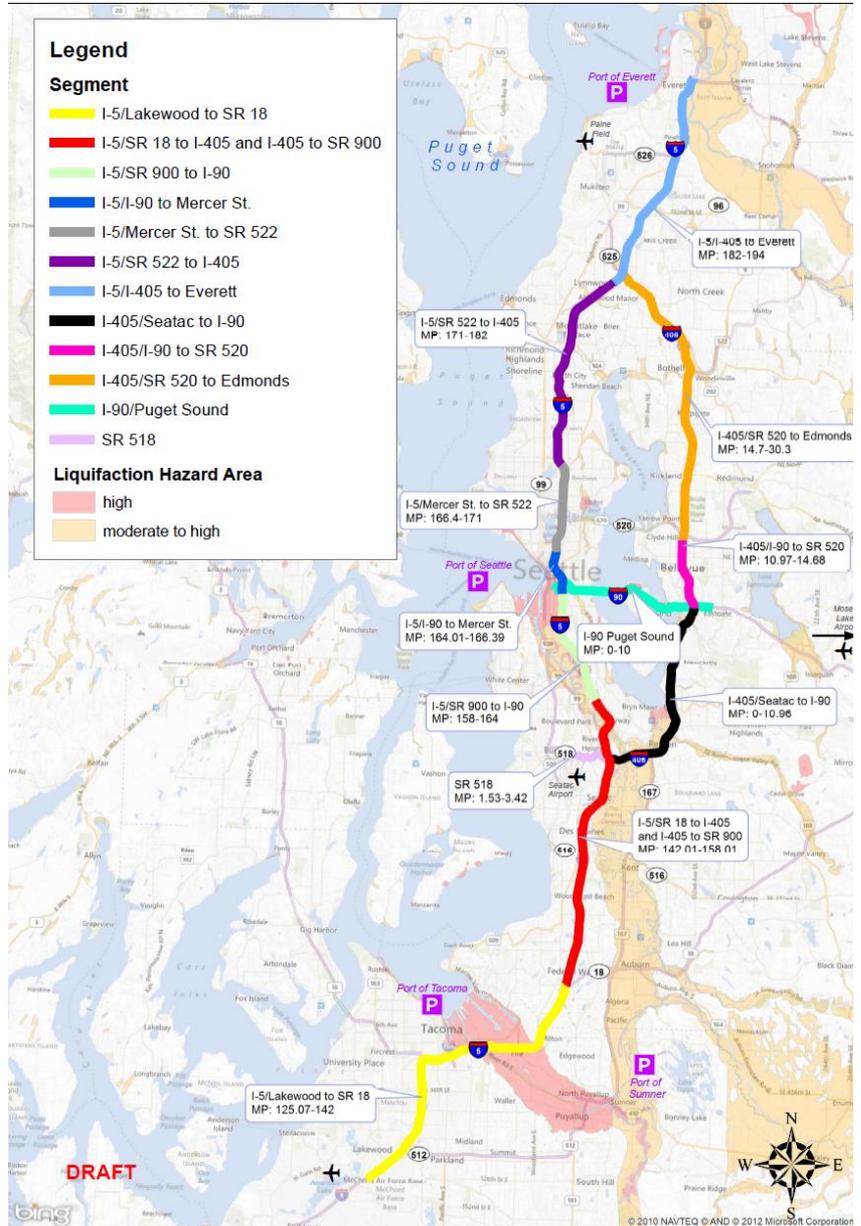
Phase 3 – Rehab Multi-column Piers (The Challenge)

- 619 bridges remaining (statewide) - Total cost of ~ \$1.2B
- 236 bridges remaining (Puget Sound)
- Seismic professionals revised design criteria from 500 Year MRI to 1000 MRI in 2007
- Emergency response and recovery is top priority.
- Export/Imports comprise large percentage of state's economy.
- Securing a strategic freight corridor is key to economic recovery following a major earthquake.

Seismic Lifeline Route Development

Coordinated with the following:

- Washington State Department of Emergency Management
- Washington State Seismic Safety Committee
- Dept. of Natural Resources Geologists
- Federal agencies (USGS, FEMA)
- County emergency planners (Pierce, King & Snohomish)
- City emergency planners (Tacoma, Seattle)
- WSDOT Freight Division



Washington State
Department of Transportation
Capital Program Development & Management Office
Bridge data obtained 12/11/2012
lsh: SeismicSegments_27Dec2012

✈ Airport P Ports

Bridge Seismic Retrofit Segments
December 2012

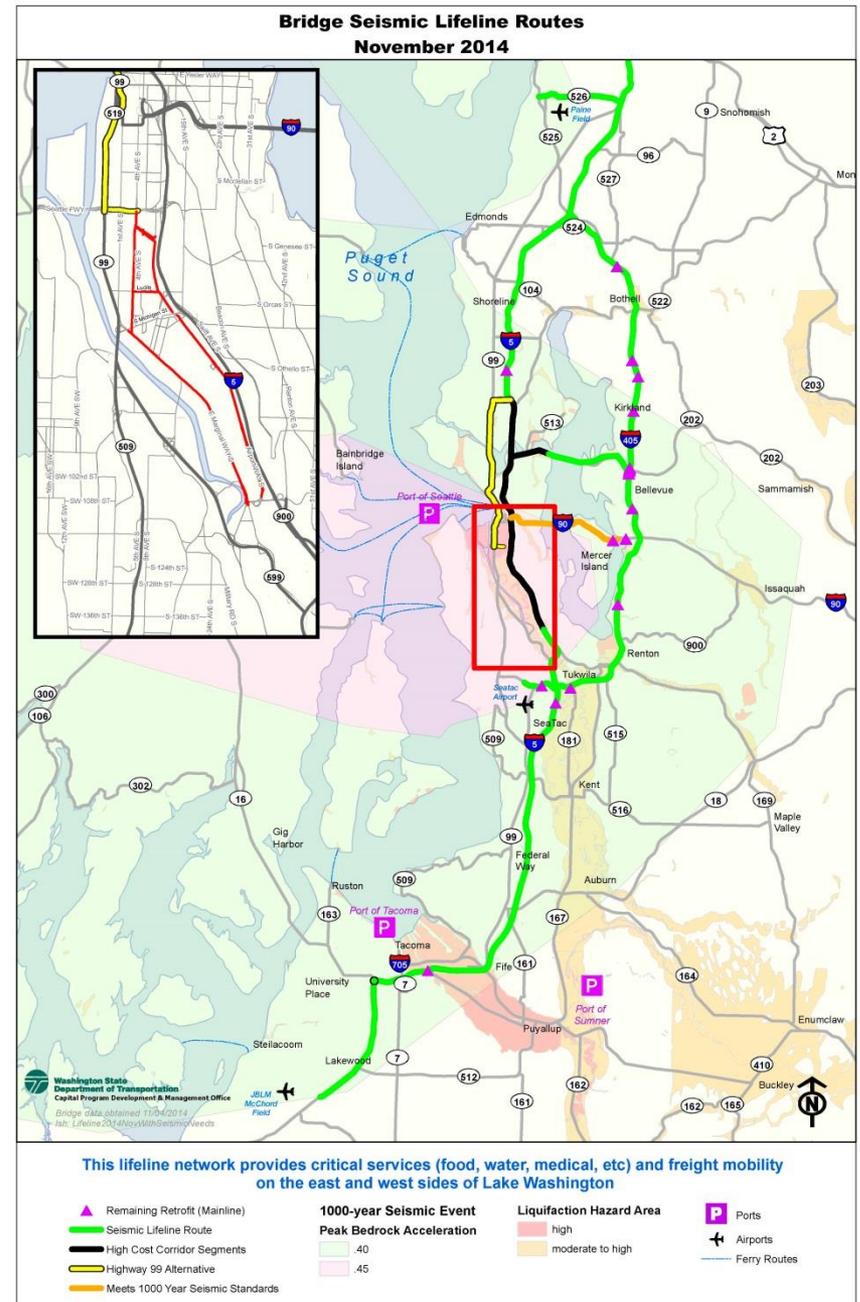
Status of Lifeline Corridor Initiative In Puget Sound

November 2014

Remaining bridges on the Lifeline Corridors In Puget Sound that still need additional seismic retrofitting of their columns and crossbeams (substructure).

These structures will be designed to resist the forces caused by ground motion for the largest predicted seismic event in 1000 years.

Three of these bridges have columns with hollow cores in their center.





- The culminating event will be a four-day functional exercise to occur June 7-10, 2016
- Emergency Operations Centers at all levels of government and the private sector will activate to coordinate simulated field response operations both within their jurisdictions (also with neighboring communities, state EOCs, FEMA, and major military commands).

Cascadia Rising - 2016

Six top priorities:

- Operational Communications
- Public Health and Medical Services
- Mass Care Services
- Situational Assessment
- Critical transportation (infrastructure)
- Operational Coordination

Seismic Lifeline

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Seismic Rehabilitation

The State, county, and cities in the Puget Sound area have a 10-year plan for seismic rehab for emergency response and economic recovery called the Lifeline Corridor Initiative. WSDOT needs \$48 million to secure the Puget Sound Lifeline System by building a usable route around the I-5 section through downtown Seattle via SR 99 and I-405.



4. RECOGNIZE PUBLIC TRANSIT'S ROLE IN EMERGENCY RESPONSE EFFORTS.

Responsibilities

- Local jurisdictions have the responsibility to request resources to conduct evacuations of large numbers of people or transporting those with special needs



WSDOT's Role

- WSDOT is a facilitator for transit resources
 - Van
 - Buses
 - Trains

During the Skagit River collapse WSDOT facilitated with the above transit providers to provide resources to help move people.



Questions?

For additional information on
WSDOT's Emergency Management, please contact:

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