



MEMORANDUM

DATE: December 27, 2007
TO: Emergency Management Council
FROM: Ron Teissere
SUBJECT: **Seismic Safety Committee Meeting on December 12, 2007**

The Seismic Safety Committee met on December 12, 2007 to review its past activities and plan its 2008 agenda. The goal was to develop a list of topics for, and schedule for completion of, the Committee's section of the Council's Annual Report.

The plan is to focus on what a seismic safety program for Washington should look like and what gaps in scientific knowledge, organizational capabilities, legal constraints, and funding limitations are preventing us from attaining the vision.

The group identified five topics for a vision of a seismic safety program. The group then identified a series of recommendations and tasks related to each topic. The PowerPoint slides attached provide a summary of the discussion.

The next step is to flesh out this outline with documentation and examples of successes for the report. The Committee expects to focus the gap discussion on 2 or 3 issues where changes could make a material difference in making the state more resilient to earthquakes.



Seismic Safety Program Vision

- Stable Transportation System
- Functional Critical Facilities
- Public and Private Building Protect Lives
- Public is Informed
- Stakeholders have Clear Understanding of Hazard

Tasks/Recommendations Transportation

- Identify critical routes for response, evacuation, and recovery
- Identify vulnerable bridges and other links
- Consider ferry system
- Pre-plan alternate routes
- Identify specific mitigation measures

Tasks/Recommendations Critical Facilities

- Where do school buildings fit?
- Define what facilities are critical
- Inventory critical facilities
- Agree on methodology for assessment
- Identify mitigation steps
- Estimate funding requirements

Tasks/Recommendations Buildings

- Do schools fit here?
- Discuss Unreinforced Masonry Ordinances
- Define criteria for vulnerable building types
- Develop model ordinances for vulnerable buildings
- Examples/case histories
- Maintain and enforce latest building codes

Tasks/Recommendations Public Education

- Identify public and private examples of success
- Develop summary of available education tools, web sites, and materials
- Reprint exceptional tools like the Seattle Fault Scenario

Tasks/Recommendations Understanding of Hazard

- Include shaking, tsunami, fire, liquefaction, fault displacement
- Support on-going earth science research and assessments
- Promote tools, maps, etc., to communicate
- Promote work on early warning, especially for subduction event
- Tsunami inundation zones, evacuation routes