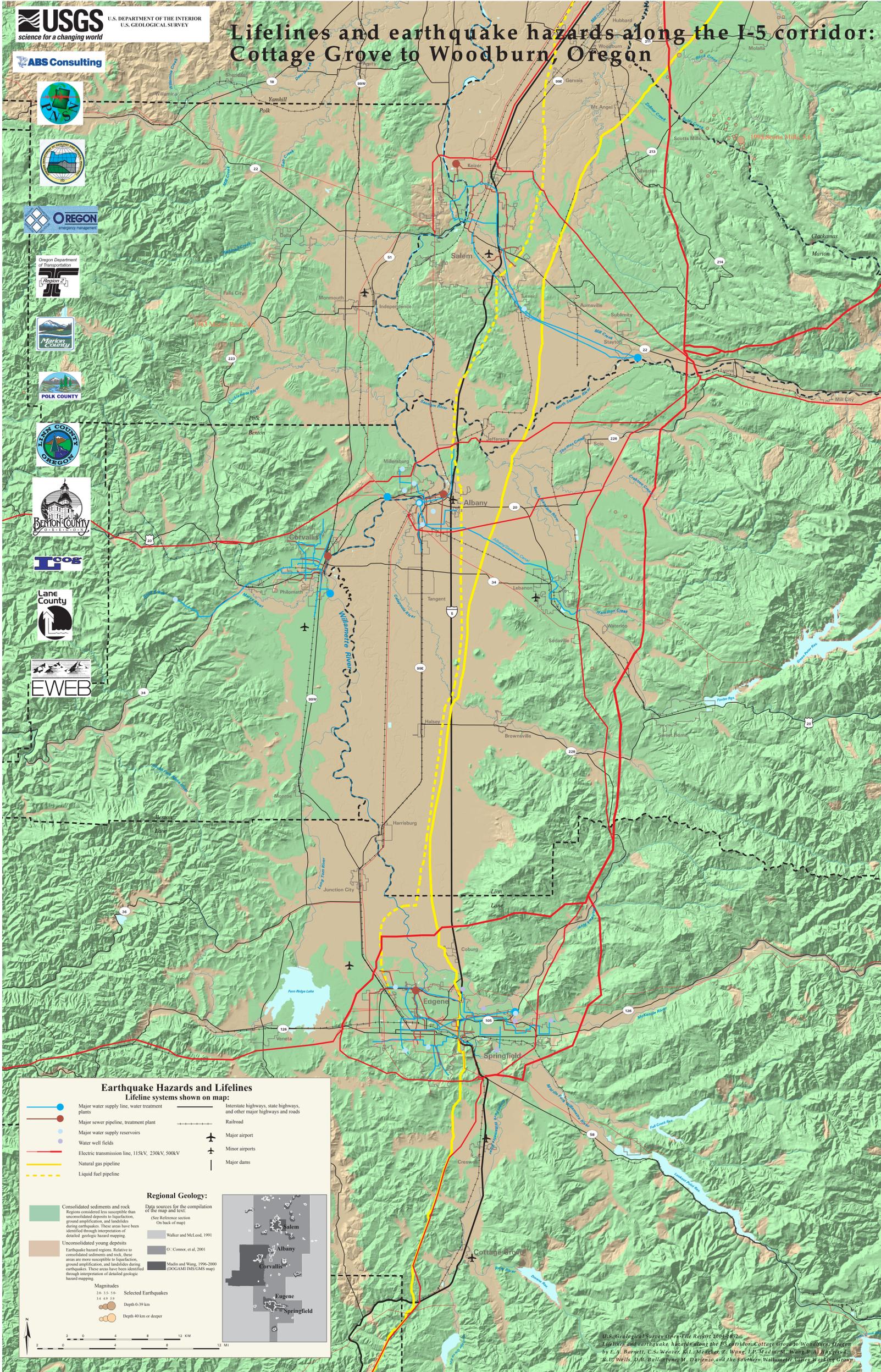




Lifelines and earthquake hazards along the I-5 corridor: Cottage Grove to Woodburn, Oregon



Earthquake Hazards and Lifelines

Lifeline systems shown on map:

- Major water supply line, water treatment plants
- Major sewer pipeline, treatment plant
- Major water supply reservoirs
- Water well fields
- Electric transmission line, 115kV, 230kV, 500kV
- Natural gas pipeline
- Liquid fuel pipeline
- Interstate highways, state highways, and other major highways and roads
- Railroad
- Major airport
- Minor airports
- Major dams

Regional Geology:

- Consolidated sediments and rock. Regions considered less susceptible than unconsolidated deposits to liquefaction, ground amplification, and landslides during earthquakes. These areas have been identified through interpretation of detailed geologic hazard mapping.
- Unconsolidated young deposits. Earthquake hazard regions. Relative to consolidated sediments and rock, these areas are more susceptible to liquefaction, ground amplification, and landslides during earthquakes. These areas have been identified through interpretation of detailed geologic hazard mapping.

- Data sources for the compilation of the map and text. (See Reference section on back of map)
- Walker and McLeod, 1991
- O'Connor, et al., 2001
- Maden and Wang, 1996-2000 (DOGAMI IMS-GMS map)

- Magnitudes
- 2.0-3.5
 - 3.6-4.9
 - 5.0-6.9
- Selected Earthquakes
- Depth 0-39 km
 - Depth 40 km or deeper

