

West Side Emergency Operations Center



Sam Adams, Mayor
Carmen Merlo, Director

Partner Bureaus

Collaborative project among Portland
Bureau of Transportation, Water
Bureau and Portland Office of
Emergency Management

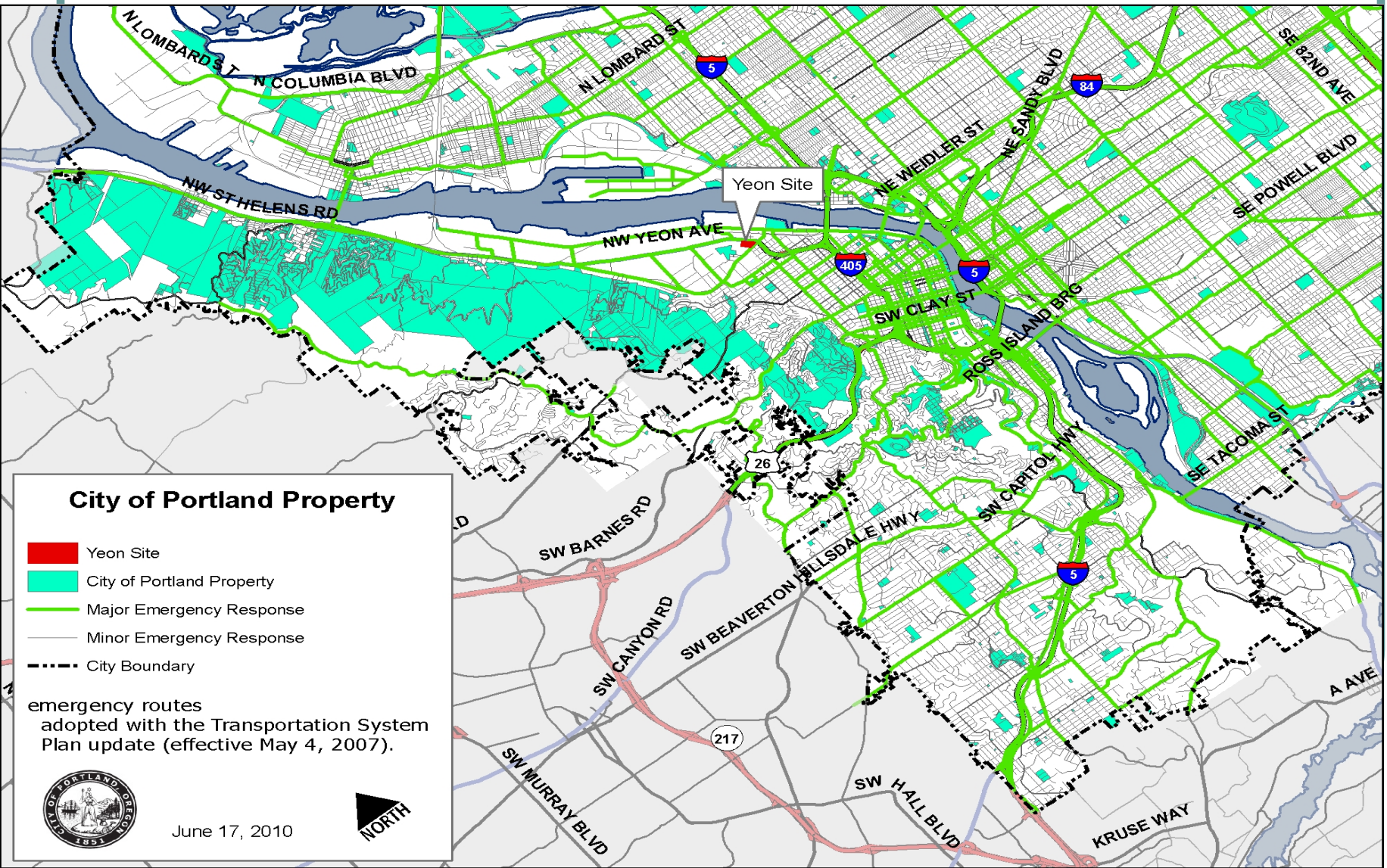
Problem Statement

- The City of Portland owns and operates significant infrastructure assets on the west side of the Willamette River that would be severely damaged or disrupted in a major earthquake or other natural hazard event.
- Successful response and recovery depends on the restoration of transportation and utility service in the commercial and industrial centers of downtown and in the NW industrial area.

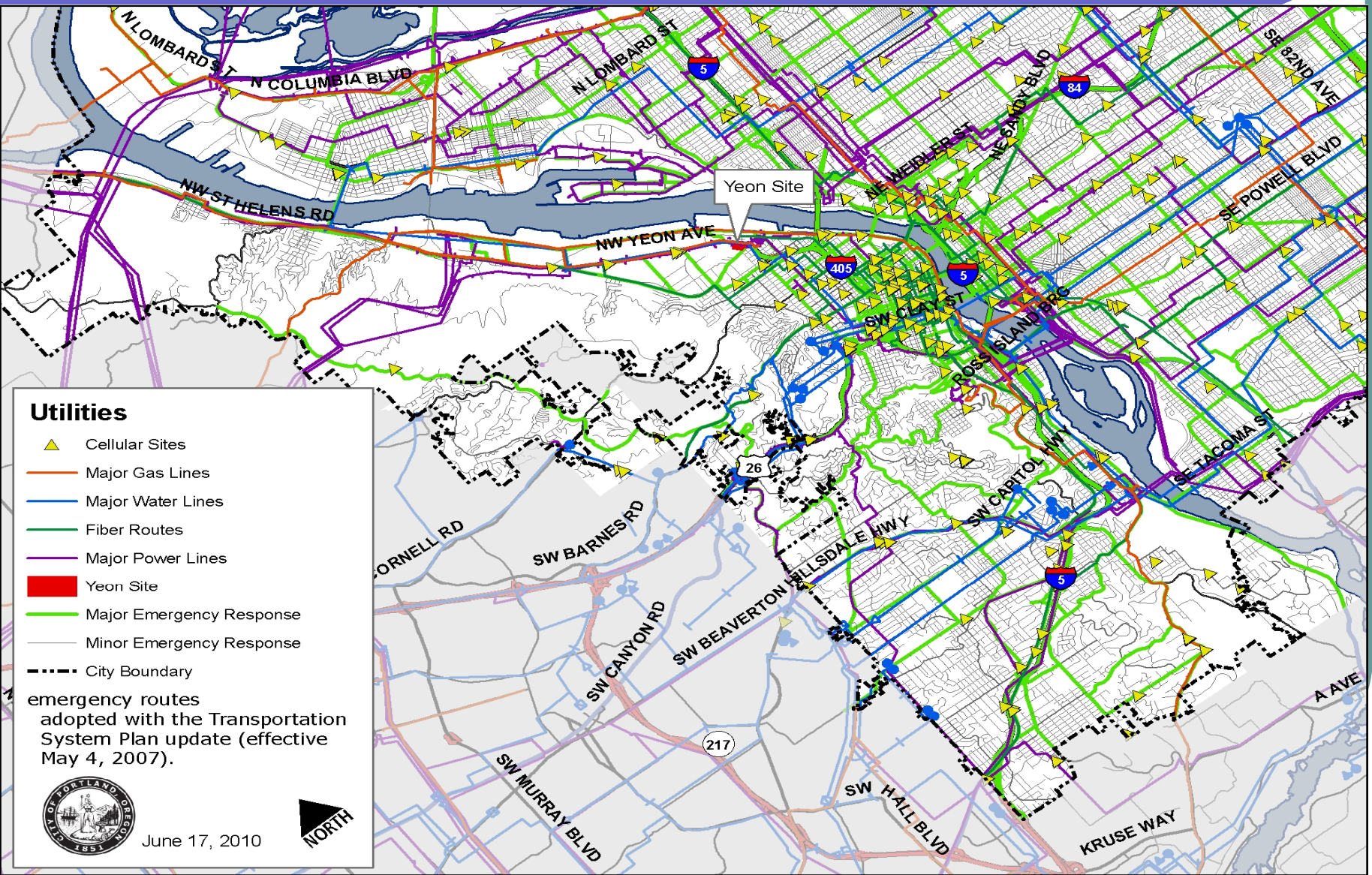
Why is an operations area needed?

- No public works emergency response vehicles, equipment or supplies on the west side.
- Lack of alternate west side fueling station.
- No west side location to perform repair & maintenance on City vehicles during an emergency.
- No west side location to store deicing equipment.
- No alternate location for PBOT or Water Bureau Incident Command Post or City Emergency Coordination Center.

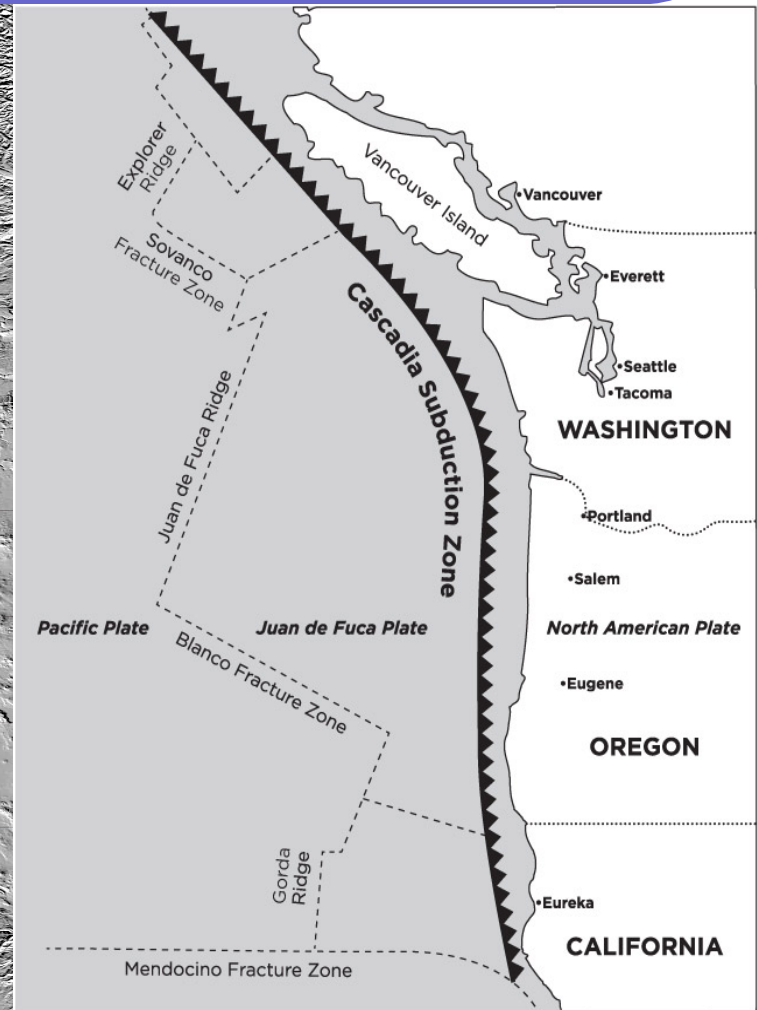
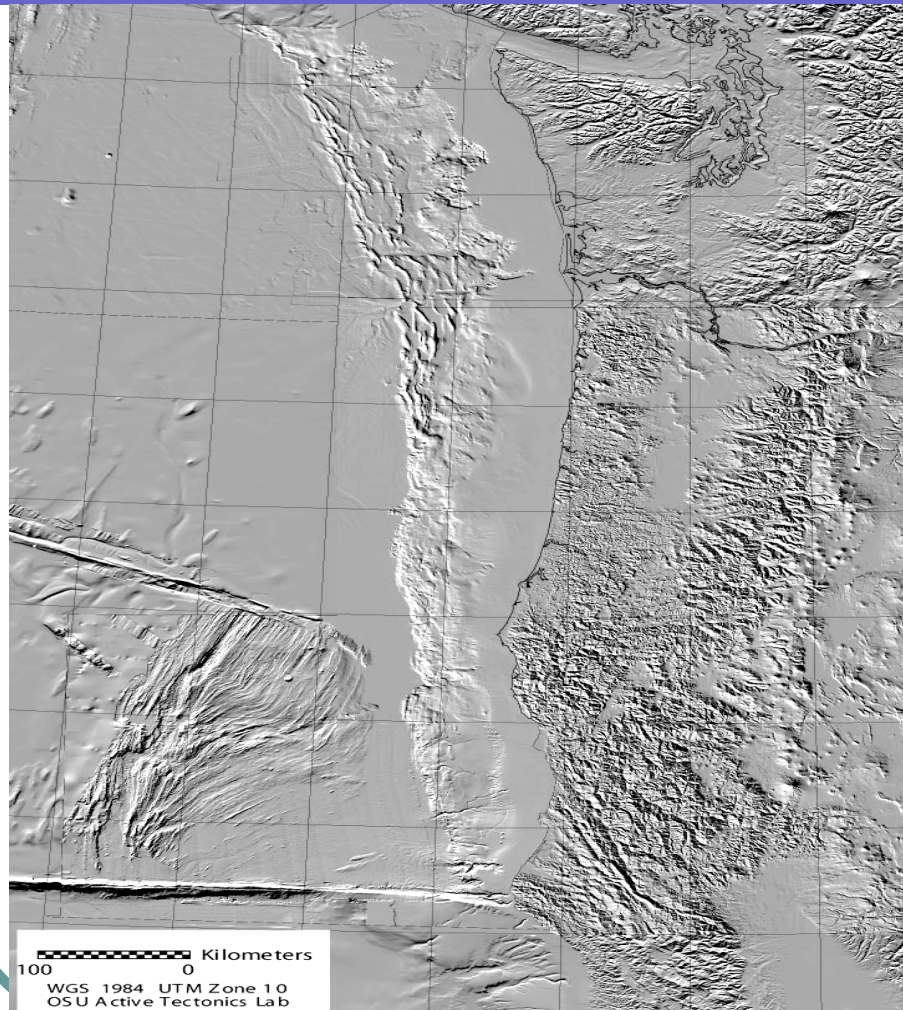
City Property / Emergency Routes



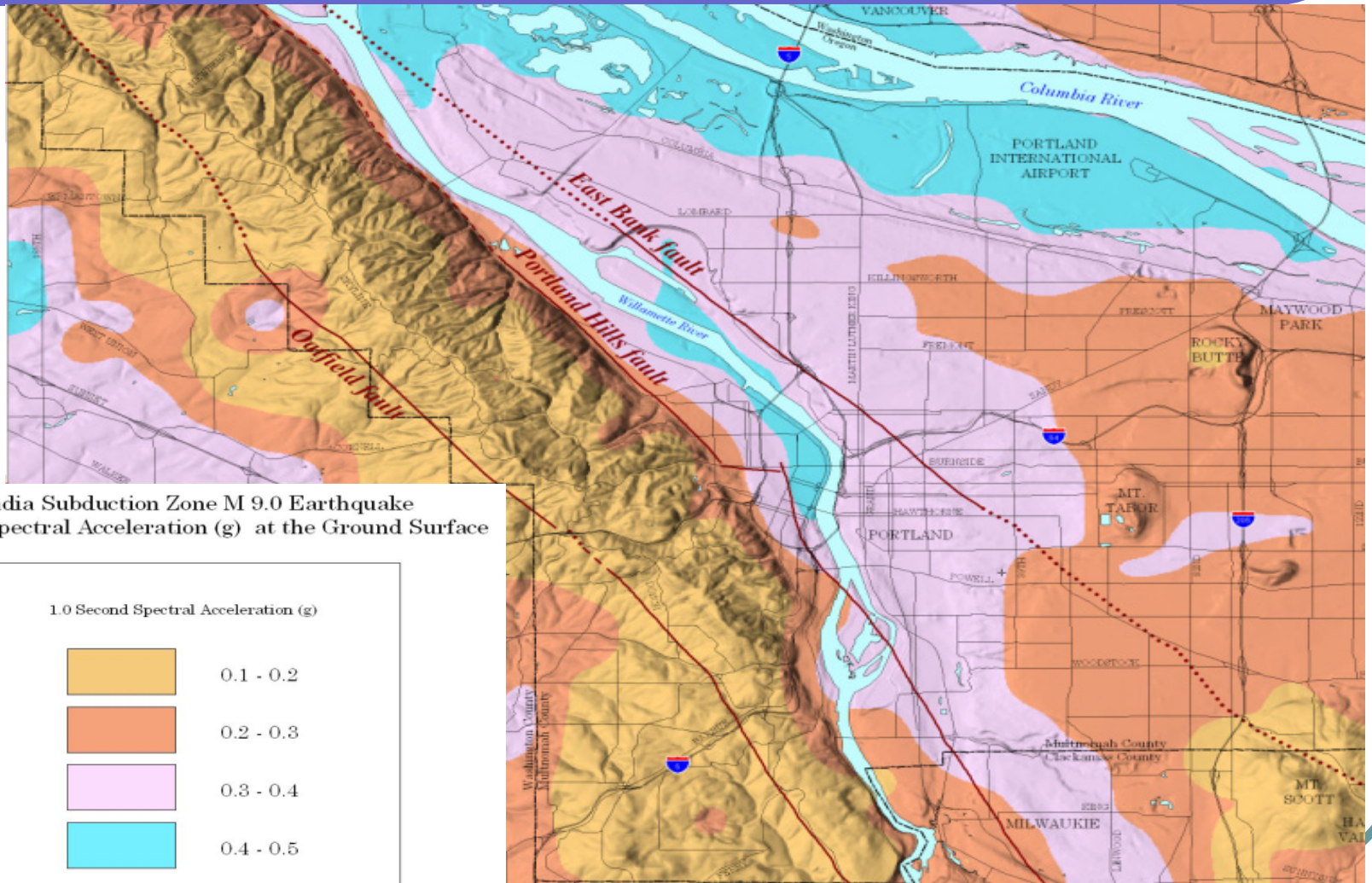
Utilities / Emergency Routes



Cascadia Subduction Zone



Crustal Faults



Portland Hills Fault



Portland Hills & East Bank Faults



Earthquake Secondary Effects

- Aftershocks
- Liquefaction
- Landslides
- Lateral spread
- Flooding
- Destructive Fires

Earthquake – Key Vulnerabilities

- Aging infrastructure

- ☐ Public Utilities (water, sewer, gas)
- ☐ 15 Bridges cross the Willamette or Columbia – many of which also carry utility lines
- ☐ 1,700 URM properties built prior to 1978

- Concentration of vulnerable critical infrastructure

- ☐ Fuel pipelines, terminals, tank farms
- ☐ Electrical transmission
- ☐ Major rail yards

BRAC – Timeline

- June 2006 – Jerome Sears on approved list of base closures published in Federal Register.
- December 2006 – Notice of Interest Solicitation.
- 2007 – 2008 Reuse planning / public engagement process.
 - ❑ public meetings convened September 2007, October 2007, May 2008 (2)
- June 2008 – Presentations to City Council.
- July 2008 – Council designates Sears for affordable housing but reaffirms need for west side emergency operations center and directs Transportation, Water Bureau and POEM to research alternate locations.

West Side EOC: Selection Criteria

- Minimum size – Not less than 3-5 acres, with sufficient area for covered storage.
- Accessibility – Good access to freeway and other emergency transportation routes, on flat ground with flat access routes, within close proximity of downtown core.
- Vulnerability – Limited or easily mitigated exposure to natural hazards.

West Side EOC: Sites Considered

- 2615 NW Industrial Street
- 2829 NW Yeon
- Hwy 26/217 (Beaverton)
- SW 5th/Western
- 8050 SW Beaverton Hillsdale Hwy
- 7027 NW St. Helens Road

WSEOC Sites Considered: NW Industrial

2615 NW Industrial Street



WSEOC Sites Considered: NW Industrial

Potential West Side ECC/EOC Sites : 2829 NW Yeon Ave.

2829 NW Yeon Avenue
Portland, Oregon 97210



R941280390, R941280550, R941280810

453791 sq. feet / 10.4 Acres
Distance to City Hall: 2.7 miles
Zoning: Heavy Industrial
Multnomah County

0 75 150 300 450 600 Feet

WSEOC Sites Considered: Beaverton 1

Highway 26/217 (Beaverton)



WSEOC Sites Considered: Beaverton 2

SW 5th/Western



WSEOC Sites Considered: Beaverton 3

8050 SW Beaverton Hillsdale Hwy



WSEOC Sites Considered: NW Industrial

7027 NW St. Helens Road



Other Sites Reviewed

- NW and SW Parks properties
- Industrial properties
- Leads from the public and other bureaus
- Recommendations from commercial realtors

BRAC – Jerome Sears Facility

2730 SW Multnomah Boulevard



Jerome Sears – Phase 2

- December 2010 – PHB notifies Mayor of intent to reassign Sears.
- January – February 2011 – additional outreach to Multnomah Neighborhood Association (MNA).
- February 2011 – MNA reaffirms position acknowledging city's proposal is preferred use.

How Sears meets/exceeds criteria:

- 4+ acre parcel can accommodate indoor/outdoor storage.
- 4.5 miles of downtown core.
- Access to I-5 and ETRs and on level ground.
- Locates de-icing supplies near operations.
- Site is out of flood, wild fire, steep slope hazard area.
- Reuse existing buildings.
- Public benefit conveyance transfers property at no-cost.

Site Utilization – PBOT

- Indoor storage of deicing materials & supplies.
- Stores / storage.
- Sewer cleaning, repair and stormwater operations.
- Training / meeting space.
- Alternate Incident Command Post.

Site Utilization – Water Bureau

- Indoor / outdoor storage of vehicles / equipment / supplies.
- Parking for Damage Assessment Team (DAT) trailers.
- Training / meeting space.
- Alternate Incident Command Post.

Site Utilization – POEM

- Alternate Emergency Coordination Center.
- Storage for Neighborhood Emergency Team (NET) supplies.
- NET training.
- Emergency shelter.

Site Utilization – City Fleet

- Alternate city-owned west side fueling station.

Next Steps

- Submit revised reuse master plan.
- Sears site closure by September 15, 2011.
- Obtain approval from DoD/HUD.
- Phase in bureau utilization strategies.
 - ❑ Site improvements / seismic upgrades.
 - ❑ IT infrastructure, connection to IRNE.
 - ❑ ADA compliance.