

2015 Drinking Water Priorities

Presentation for the
Water System Advisory Committee

2015 Workplan

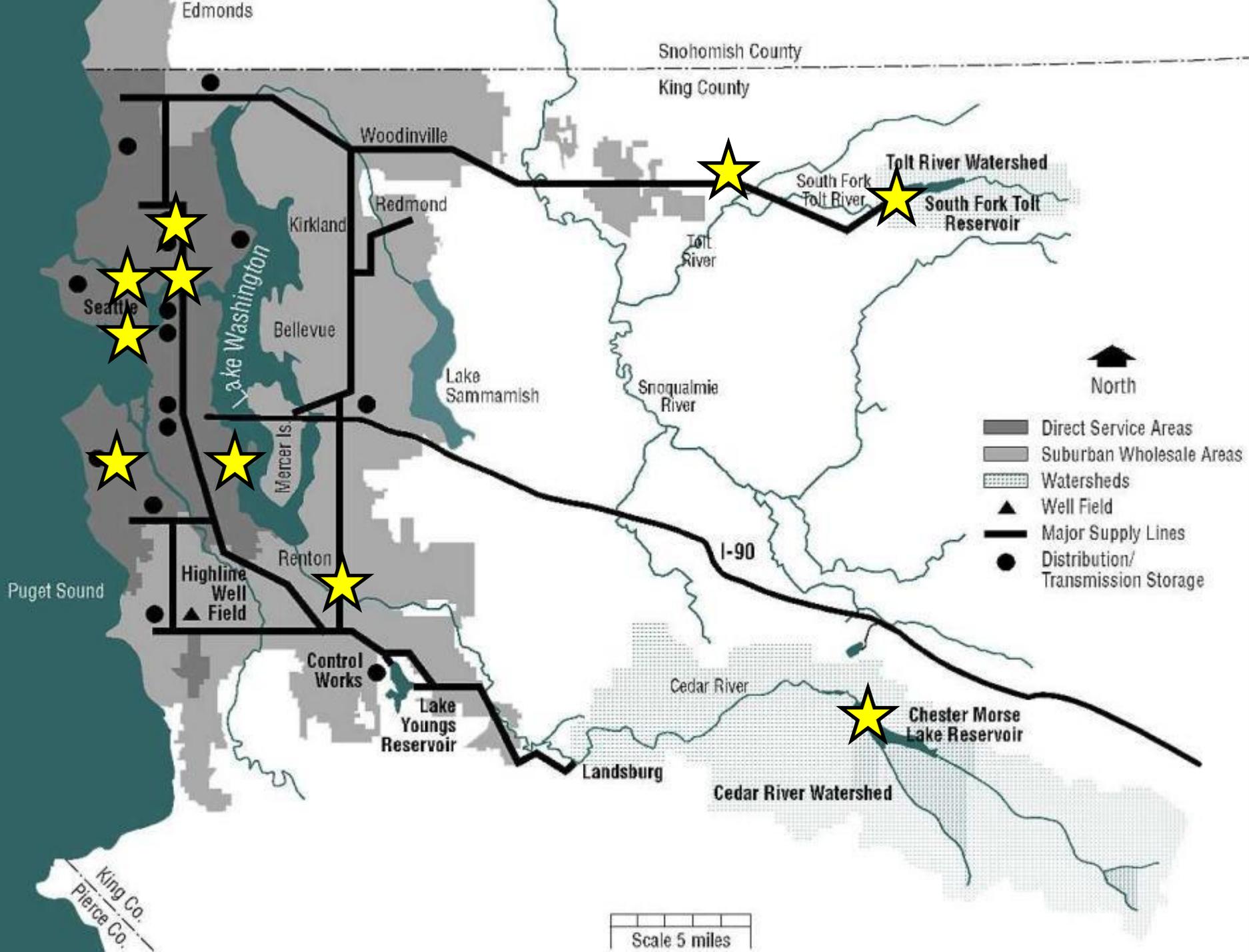
- **Detailed workplan available upon request**
- **Discussing highlights today**

Planning/Policy Highlights

- **Seismic study**
- **Water rate study**
- **Climate change impact analysis**
- **Watershed wildfire risk assessment**
- **Development Services Office**
- **Emergency response / autodialer system**

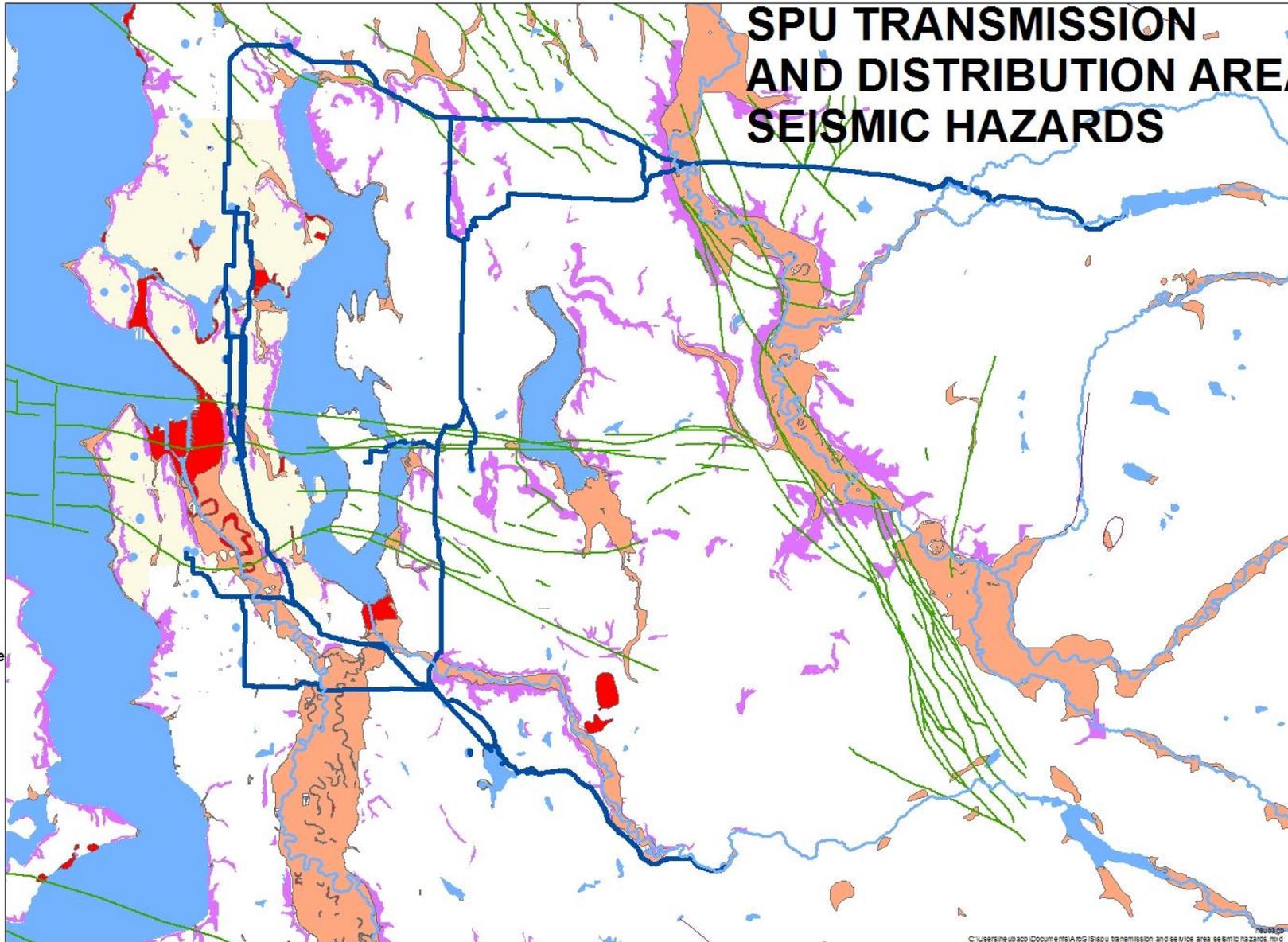
Project Highlights

- **Watersheds**
 - Morse Lake Pump Plant
 - Dam safety projects
 - Sockeye broodstock weir replacement
- **Water Quality & Treatment**
 - Renewal of Tolt Treatment Facility Design-Build-Operate contract
- **Transmission**
 - Tolt pipeline slope instability
 - 430 zone pipe
- **Distribution**
 - 3rd Ave W pipeline
 - Reservoir seismic retrofits
 - Pilot use of PVC pipe
 - Transportation projects



Seismic Study

SPU TRANSMISSION AND DISTRIBUTION AREA SEISMIC HAZARDS



LEGEND

Supply Mains

Active Faults

Known or Potential Landslide

Reservoirs/Tanks

Liquefaction Susceptibility

High

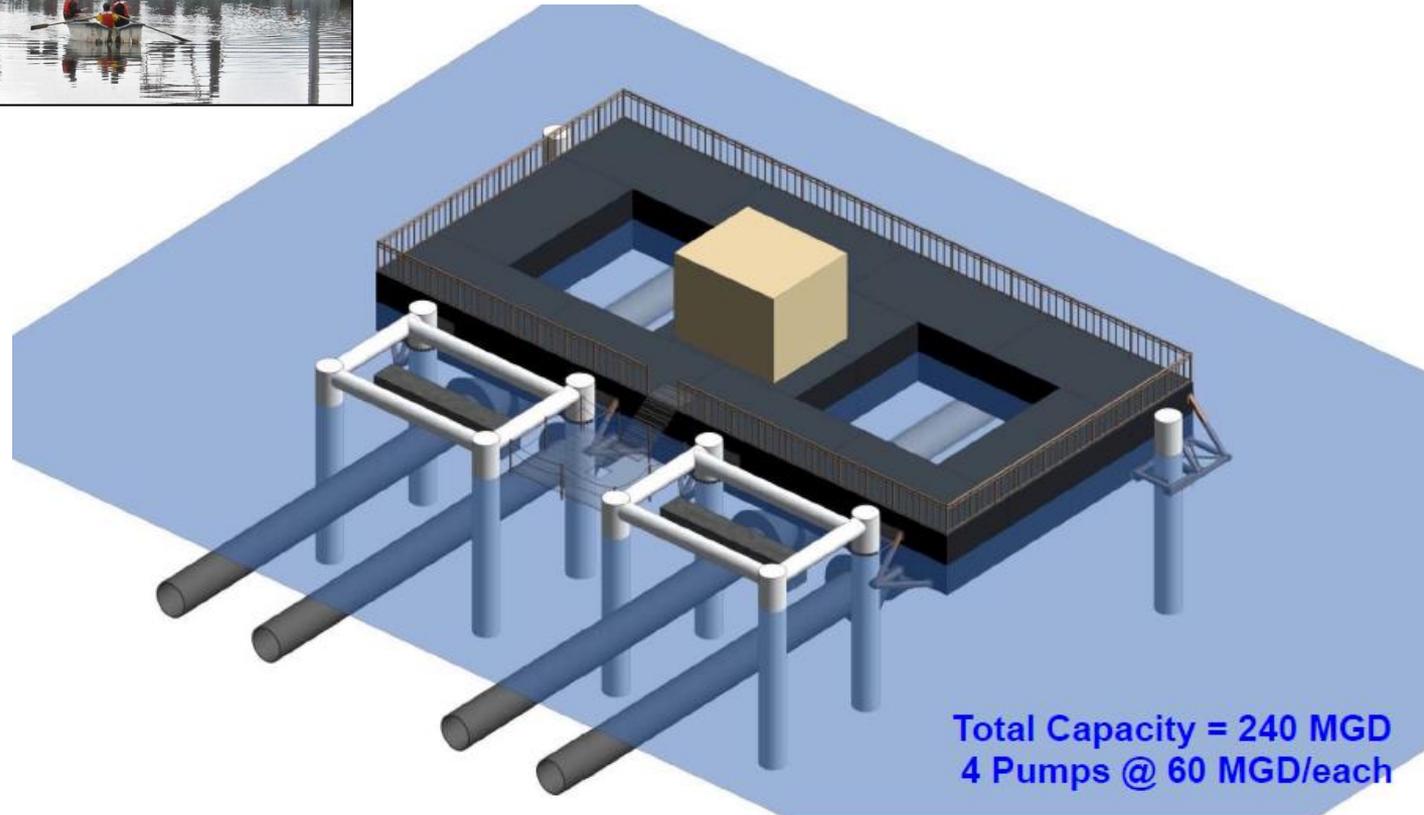
Moderate to High

N

0 1 2 3 4 5
Miles

12/30/2014
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Coordinate System: State Plane, NAD83-91, Washington North Zone

Morse Lake Pump Plant



Morse Lake Pump Plant

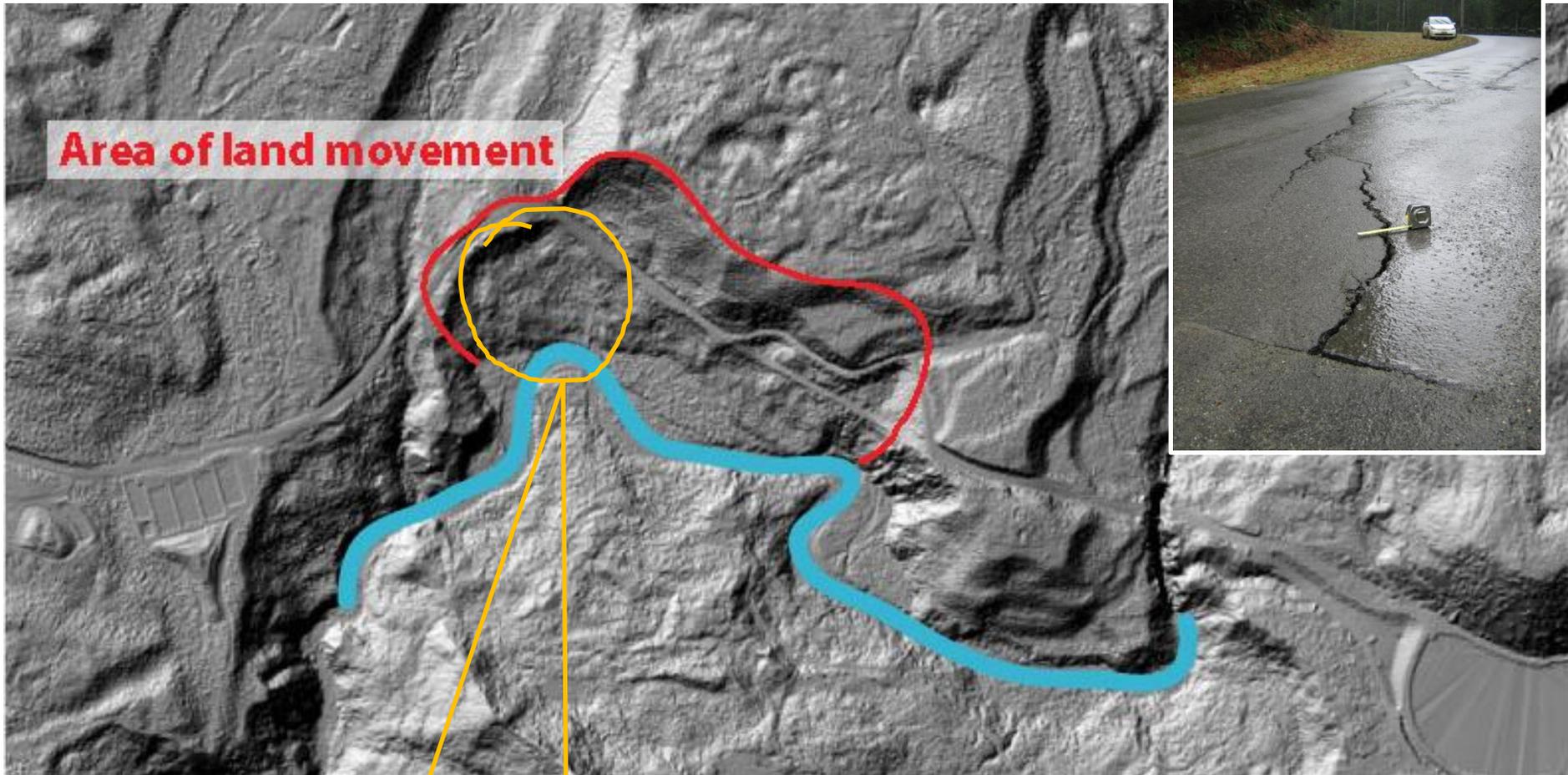
Tolt Reservoir Ring Gate



Salmon Broodstock Weir Replacement



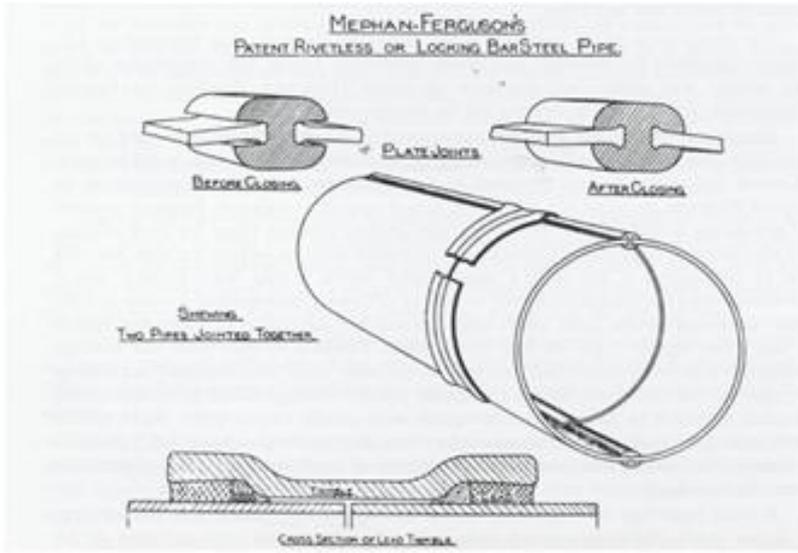
Tolt Pipeline Slope Instability



Area of land movement

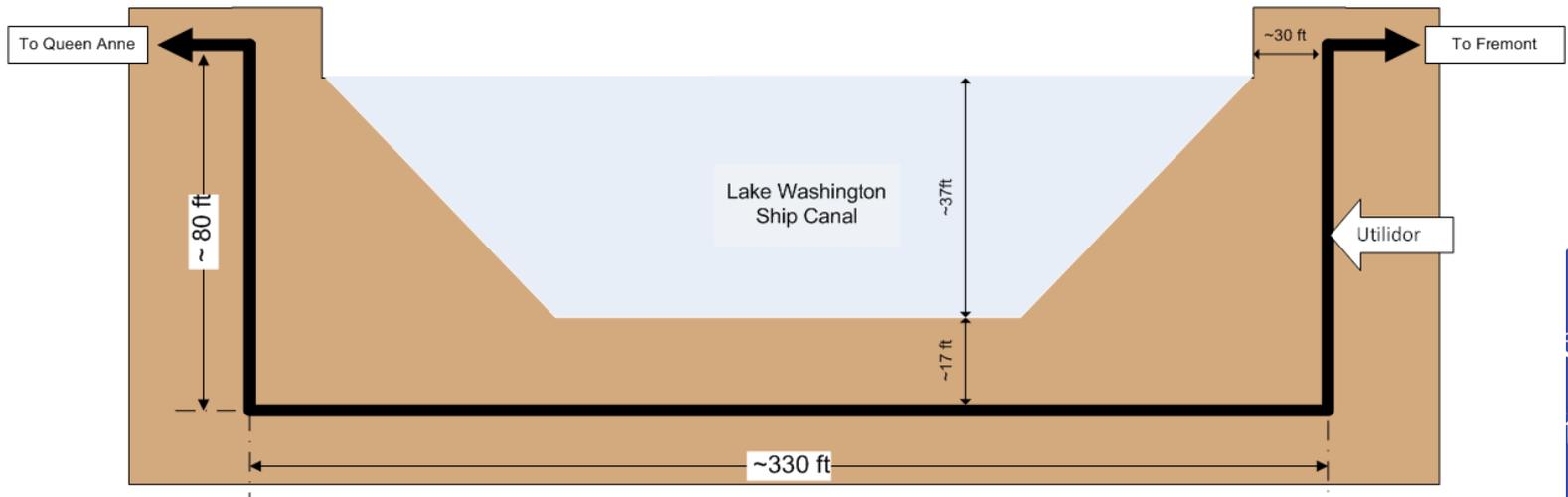
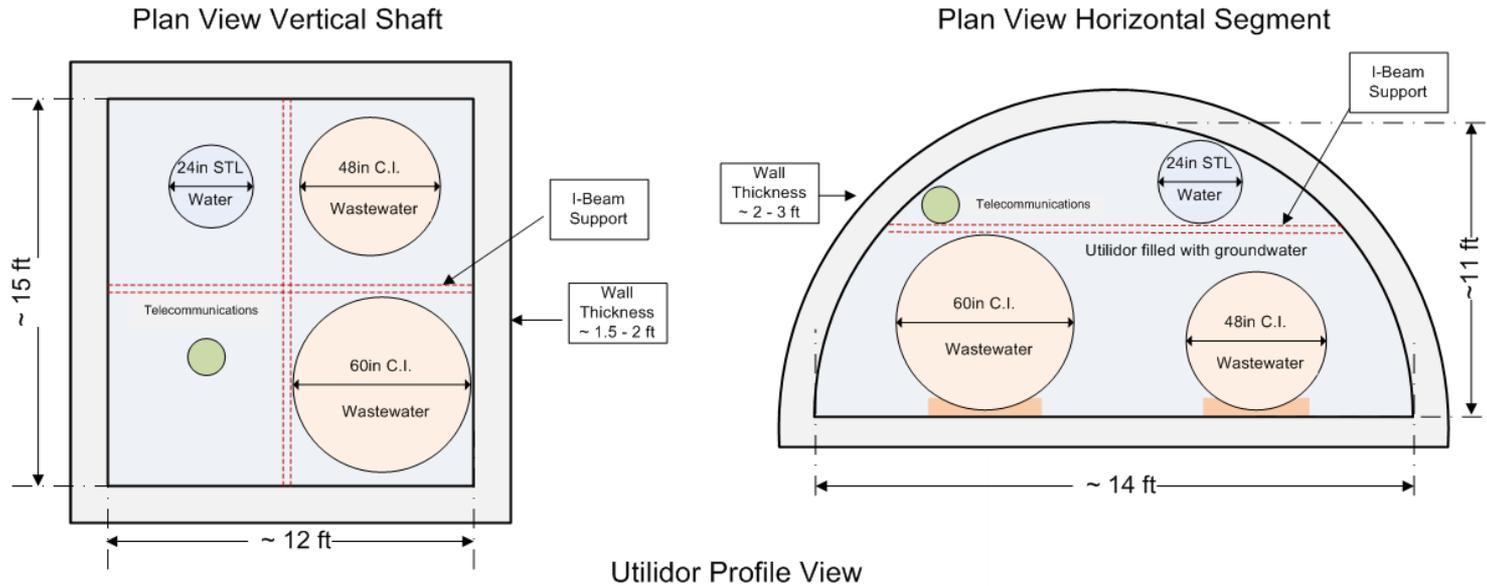
Area of most significant movement

430 Zone Pipeline



3rd Ave West Pipe

3rd Ave West Utilidor Schematic (Existing Conditions)



Reservoir Seismic Retrofits

