

# SCO, .JG MAP Public Safety & Landslide Hazards Ketchikan Area

## Land Manager

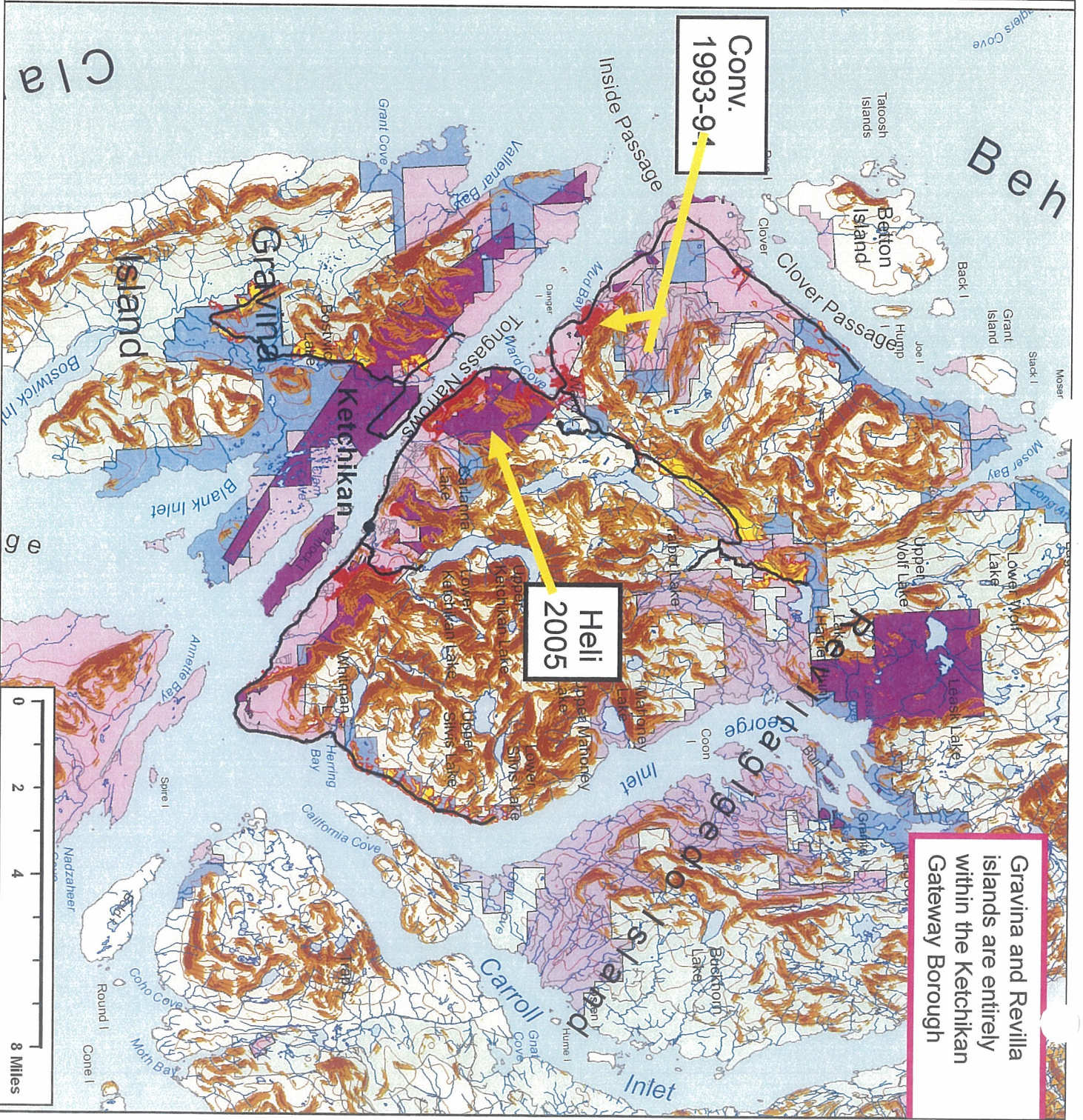
- USFS
- USFS - Natural Land Cover
- State of Alaska
- Mental Health Lands Trust
- University of Alaska
- ANCSCA Corporation
- Private/Local Government

- USFS Documented Landslides (point)
- USFS Documented Landslides (polygon)
- Analysis Road
- Other Forest Roads
- 50% - 67% Slope
- 67%+ Slope
- Areas with public roads that are within a 1/2-mile downhill from slopes >50% that have forests that are open to commercial harvesting
- Areas with public roads and residential or commercial buildings that are within a 1/2-mile downhill from slopes >50% that have forests that are open to commercial harvesting

Land Status - Assembled from data provided by the Tongass National Forest and the Alaska Dept of Natural Resources (2007). Additional land management information was drawn from the USGS Protected Area Database for Alaska (2006).

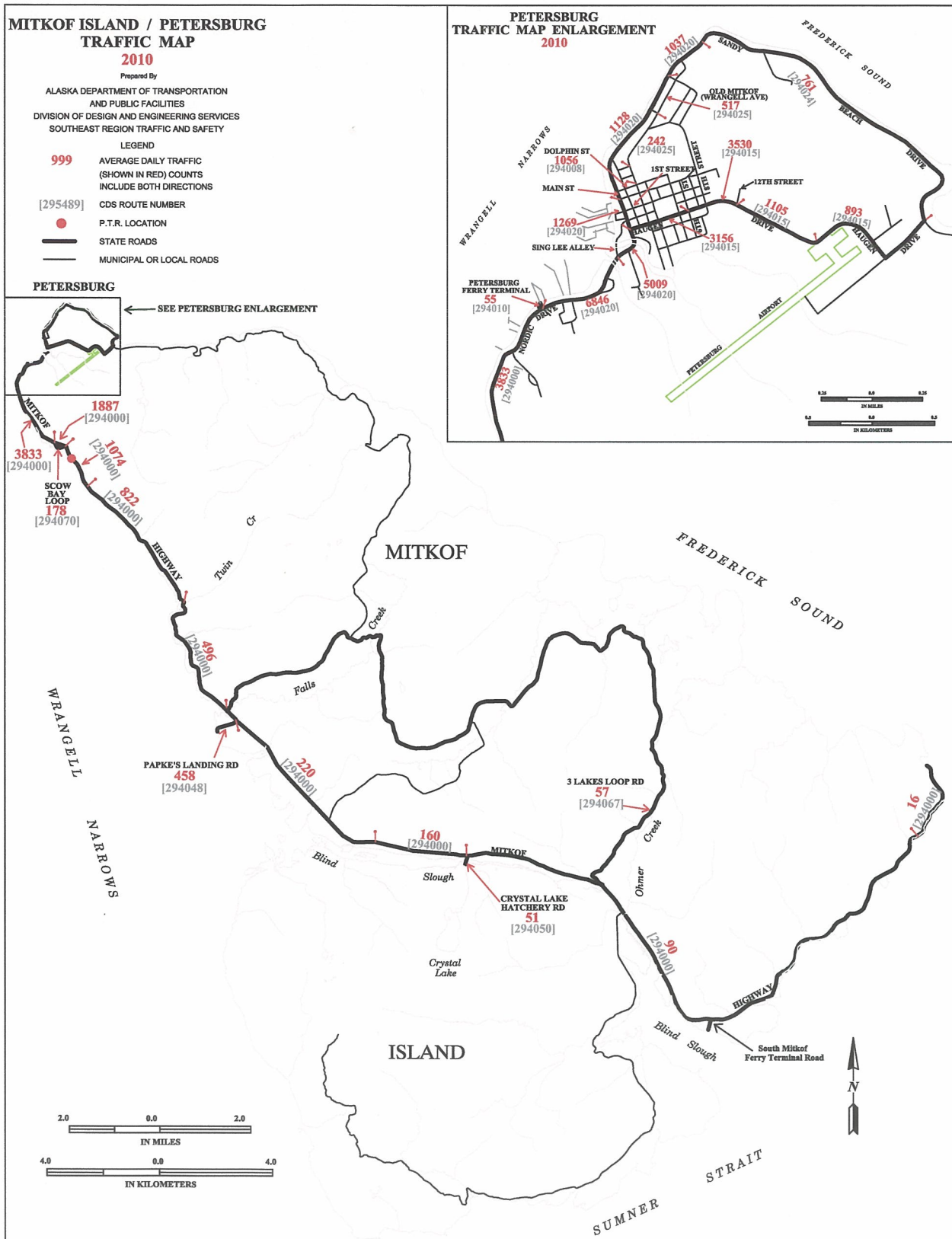
Roads - Assembled from the Alaska Division of Forestry Southeast Area and Tongass National Forest Roads Inventories. Roads selected for exposure to public safety were those with a TNP Management Objective of 3 (suitable for passenger cars) or higher, with additional roads identified by the Landslides ST&C.

Slopes - Calculated using the 20 meter Digital Elevation Model developed by NASA Shuttle Radar Topography Mission (SRTM), 2000.



Gravina and Revilla islands are entirely within the Ketchikan Gateway Borough





The Alaska Department of Transportation calculated an "Average Daily Traffic (2010)" of **822** vehicles transiting Mitkof Highway (State Highway #7) under the Alaska Mental Health Trust Land Office's steep and unstable hillside parcels, from Petersburg's 3-Mile ("Marker 294000") to 7-Mile ("Twin Cr") [Twin Creeks logging road]. These parcels are part of the TLO's timber harvest detailed in MHT 9100411. See "Tab R" for landslides in this area crossing Mitkof Highway. These statistics do not include pedestrian or bicycle traffic. NOTE: 2011 Average Daily Traffic data not yet available.