

Ketchikan Coastal Update

Scope

Updated Detailed Studies

- Hoadley Creek = 0.99 miles
- Ketchikan Creek = 1.2 miles
- Schoenbar Creek = 1.00 miles

Redelineation of Effective Detailed Studies

- Carlanna Creek = 0.08 miles (study within the proposed new LiDAR footprint)

Hydrology

- USGS Regional Regression equations are used to develop peak flow discharges for riverine flooding sources.
- Ketchikan Creek will be done using Gage or Mid-Range Analysis

Hydraulics

- One-dimensional steady-state hydraulic models with best available topographic data, field surveyed cross sections and structures.

Coastal Analysis

- 34 miles of Detailed Wave Hazard Analysis (12 proposed transects) – Tongass Narrows / Gulf of Alaska

Non Regulatory Products

- Flood Risk Dataset, Report and Map
- Depth Grids
 - Multi-profile grids for detailed
 - 1-percent only for approx.
- Flood Risk Dataset (refined)
 - New HAZUS, not enhanced with local info
- CSLF
- AOMI dataset

Schedule

- Hydrology to be completed by February 2014
- Hydraulics to be completed by April 2015
- Coastal to be completed by April 2015
- Draft maps scheduled to be completed / delivered May 2015

Points of Contact

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Notes
