

# GREAT ALASKA EARTHQUAKE

Good Friday

March 27, 1964

5:36 PM

0.2g

4 minutes plus ground shaking

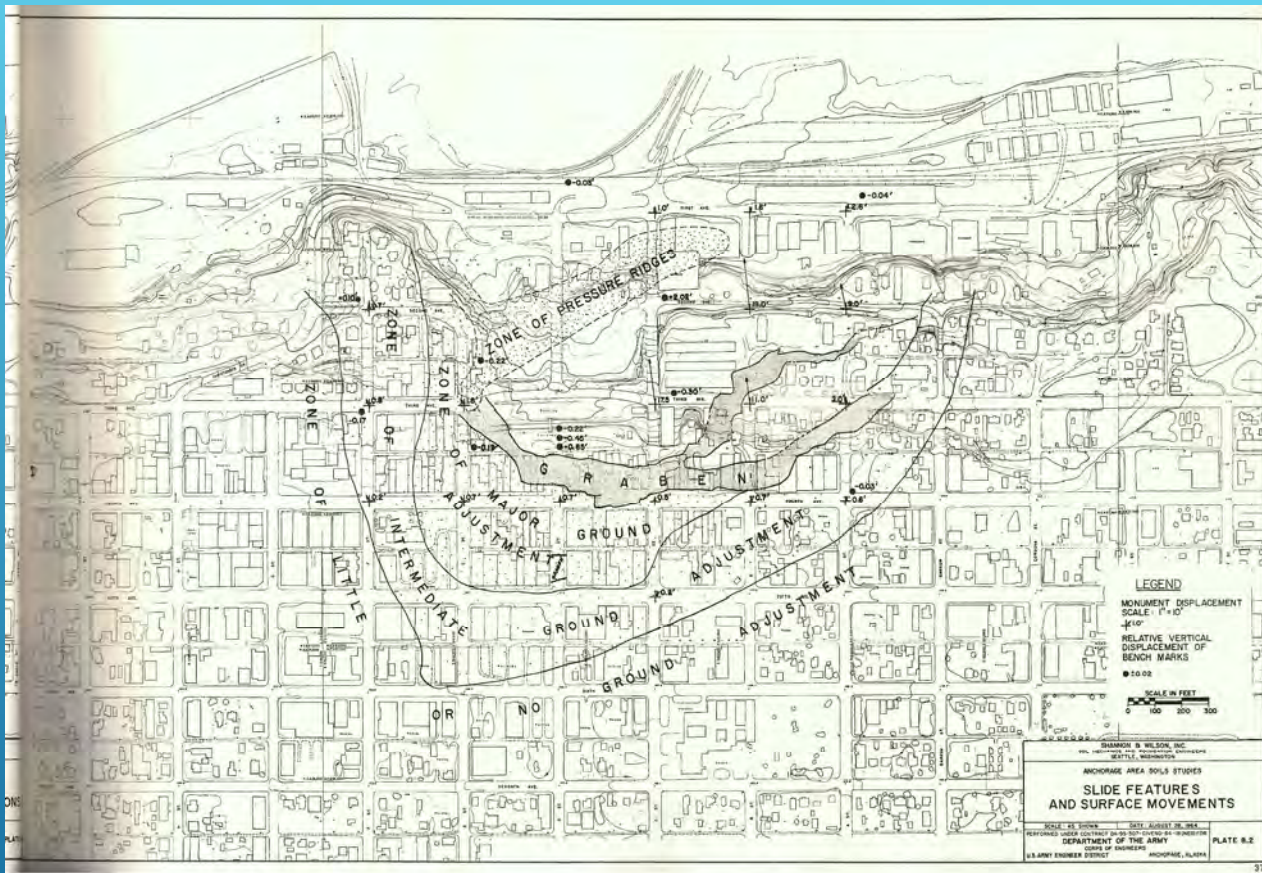
112 deaths in AK; 8 in Anchorage; 12 in CA; 4 in OR



Ground failure due to Bootleggers Cove formation caused most of the damage in Anchorage



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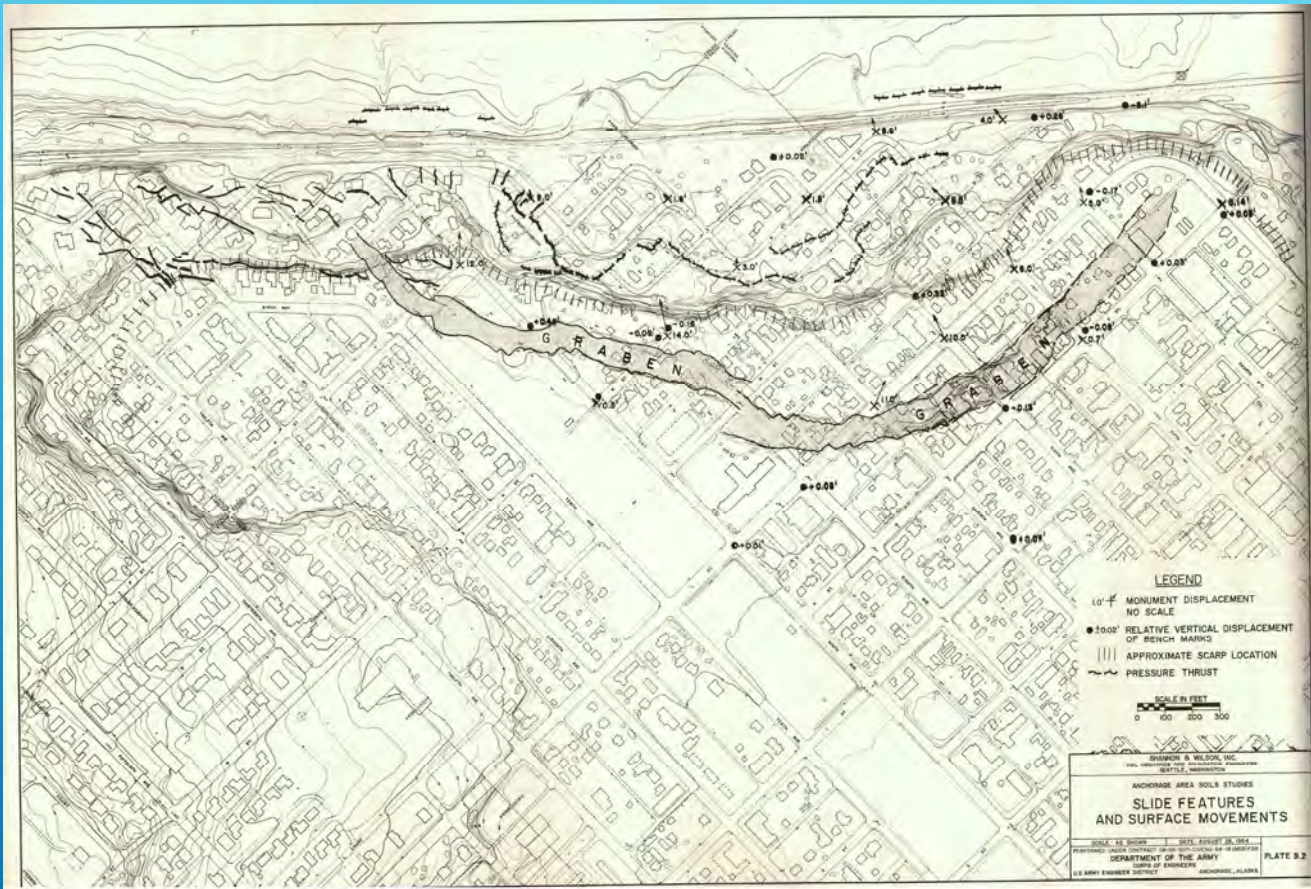


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A portion of the Turnagain slide area immediately east from center of the slide. The toe of the slide is beyond the range of the photo. (U. S. Army photo)



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## TAKE AWAYS:

The Great Alaska Earthquake was a very different event than our 30 November 2018 event

We had higher peak ground accelerations but much shorter duration in November 2018

We are designing and constructing buildings better today

The GAE was an event this region has seen in the past and will see again

Anchorage has not yet seen the design earthquake



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