

AVALANCHE AREA

NEXT 11 MILES

HAZARD REDUCTION ON

THE SEWARD HIGHWAY

DO NOT STOP

Matt Murphy

Alaska Department of Transportation and Public Facilities

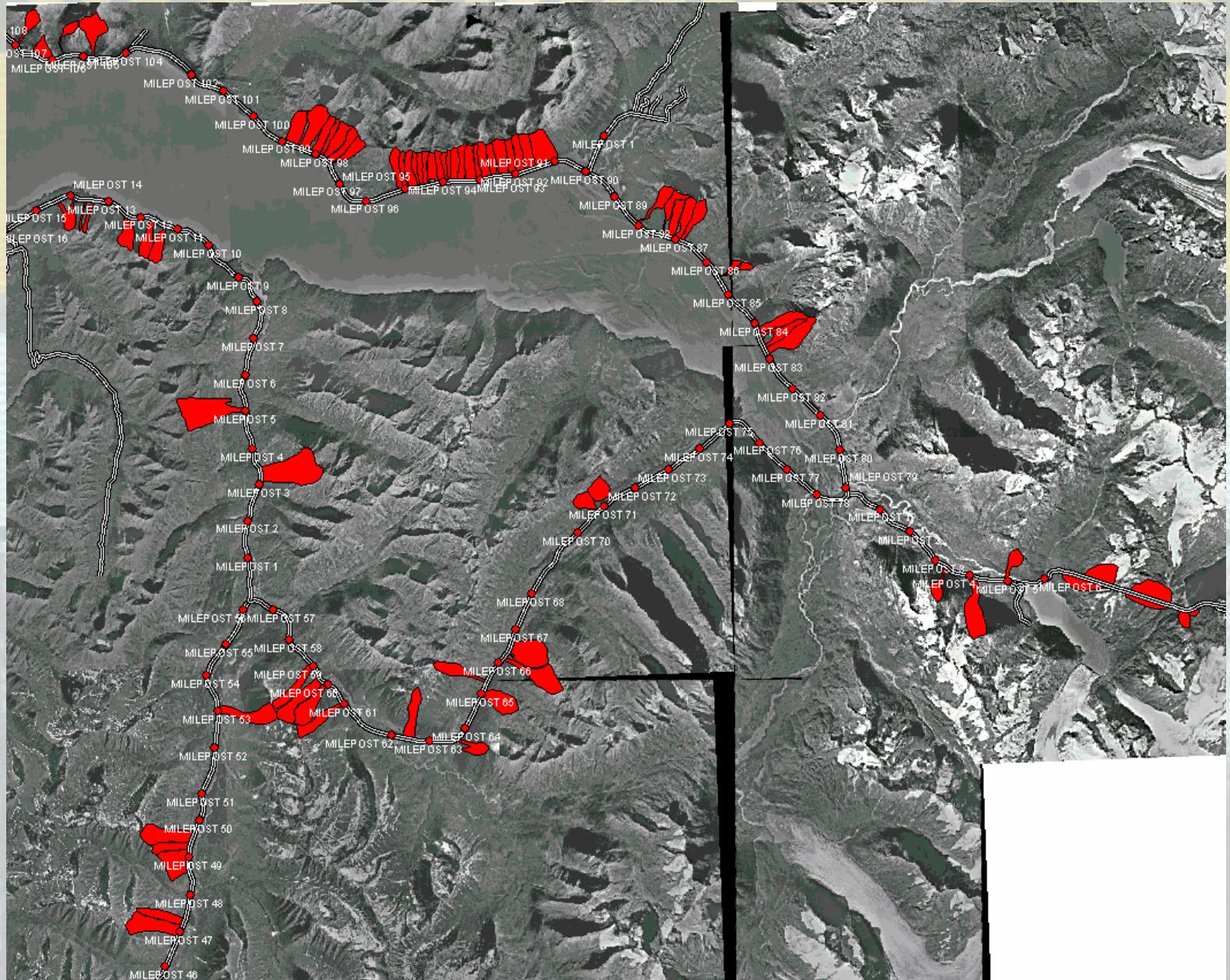
November 1, 2013

MILE
4



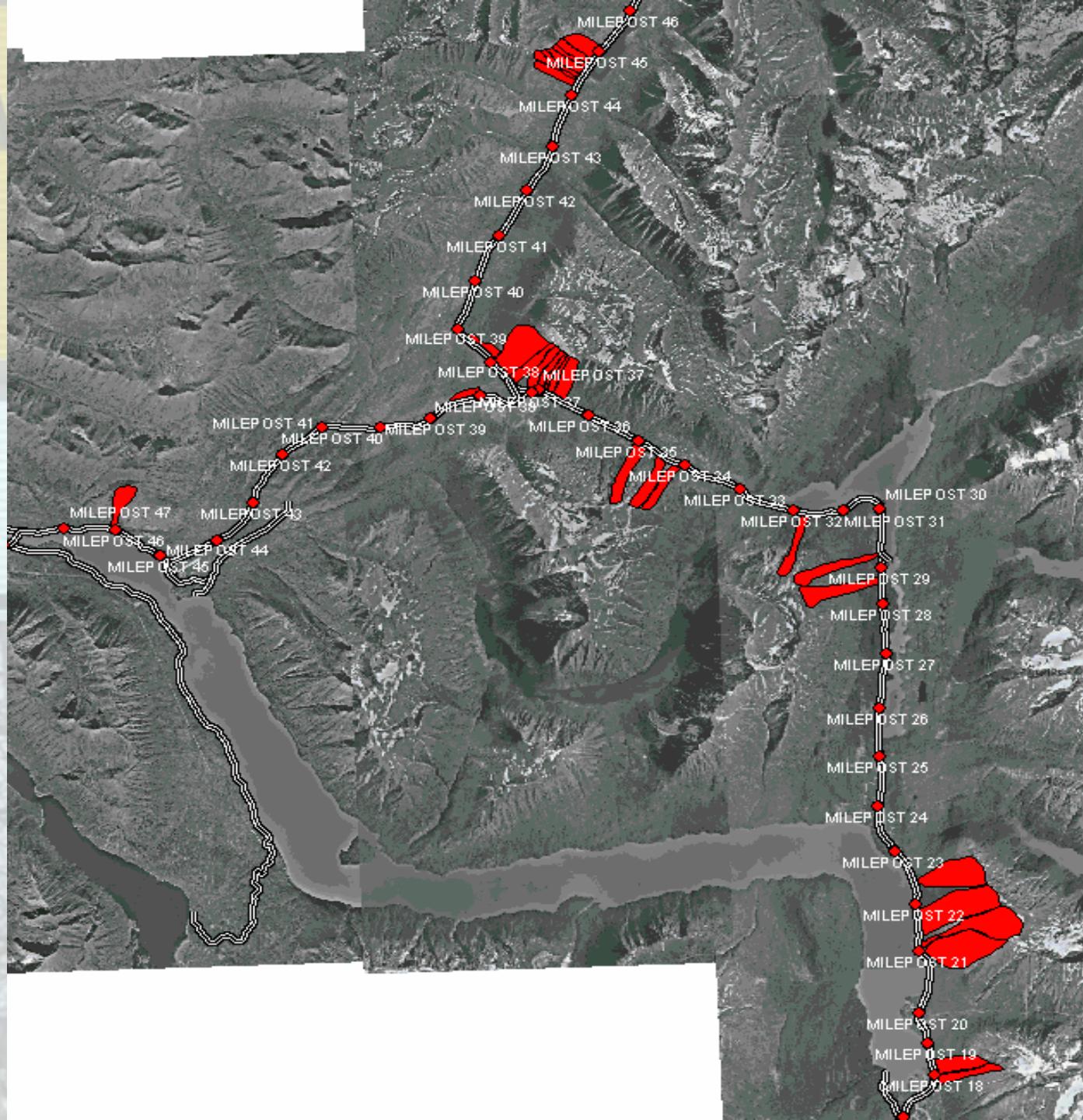
A

-A



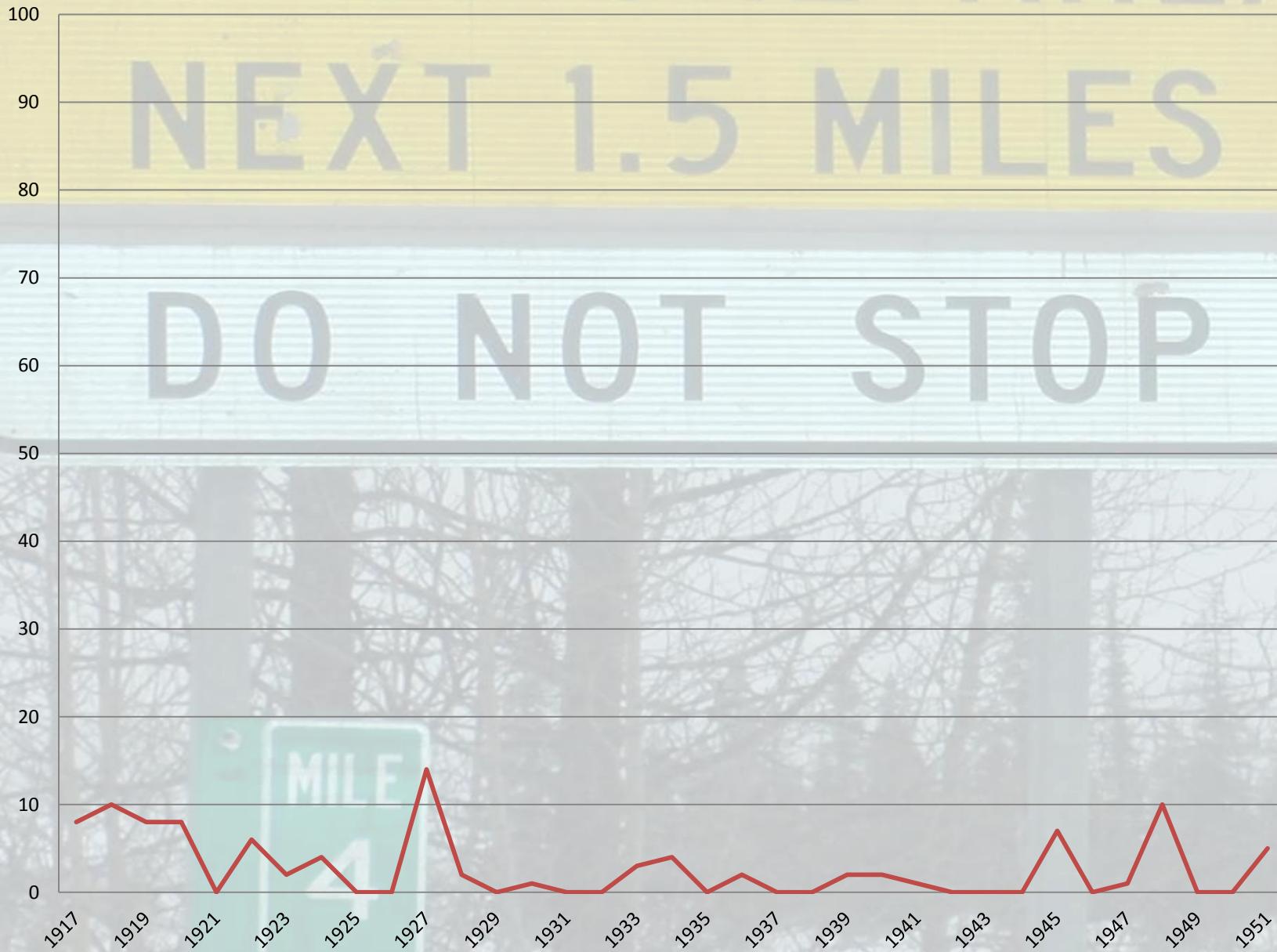








Railroad Avalanche Frequency 1917-1951 (*MP 91-100)



AVAL
NE

DO

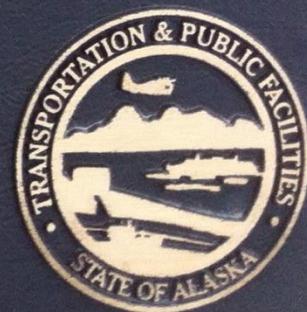


AREA

LES
TOP

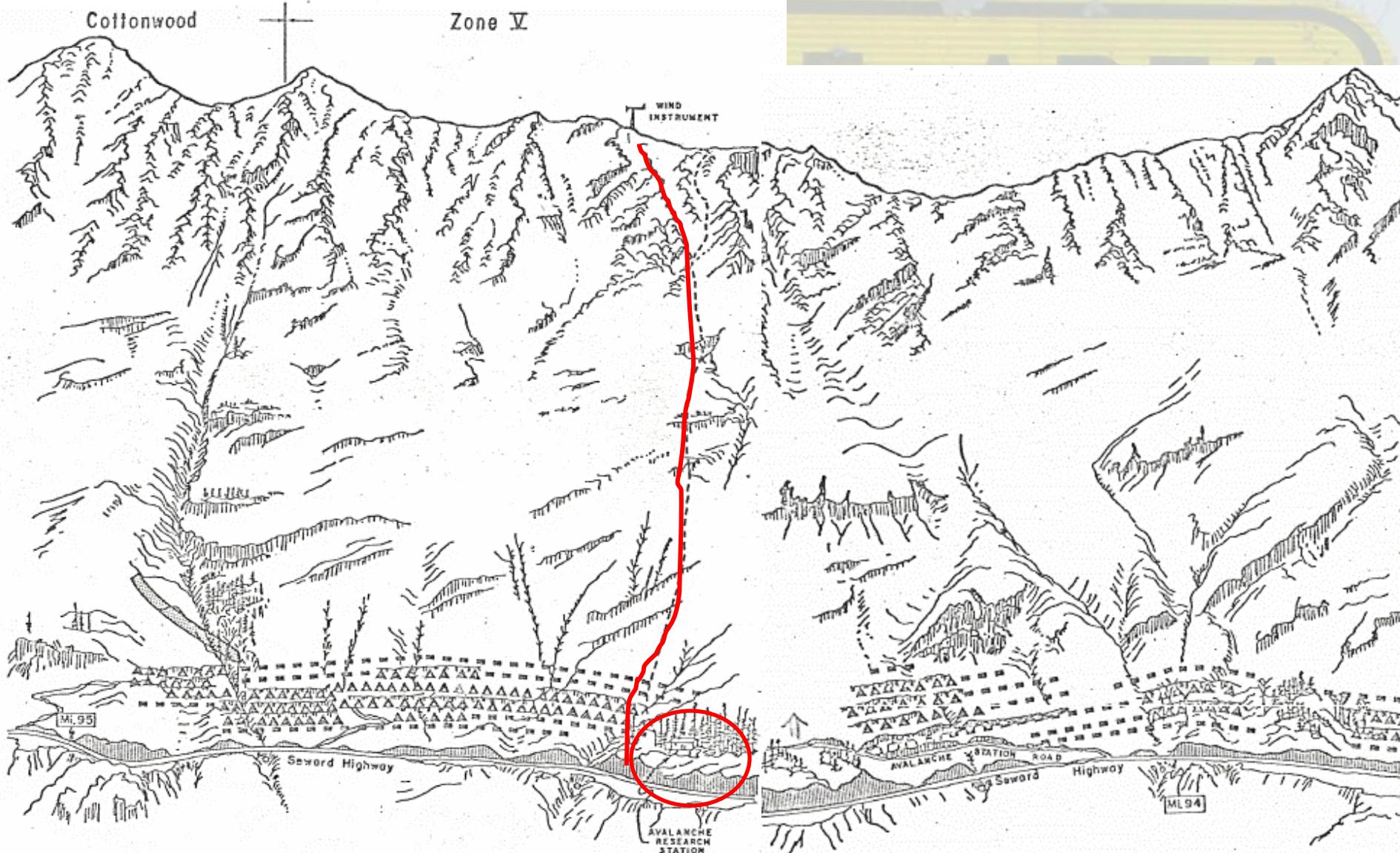
★ * In memory of
Kerry * Brookman

This monument is dedicated to Mr. Brookman and the men and women of the Alaska Railroad and Alaska Department of Transportation who work on the front line each winter keeping Alaska's railroad and highways safe for the traveling public. While working to clear two avalanches that had closed the railroad and highway east of this site, Mr. Brookman from the Alaska Railroad and two co-workers from the Department of Transportation were engulfed by a third avalanche. Mr. Brookman died on February 1, 2000 from injuries sustained in this tragic incident. His co-workers survived.



Seward Highway Avalanche Frequency 1952-2013





COTTONWOOD & ZONE V (Bird Ridge)

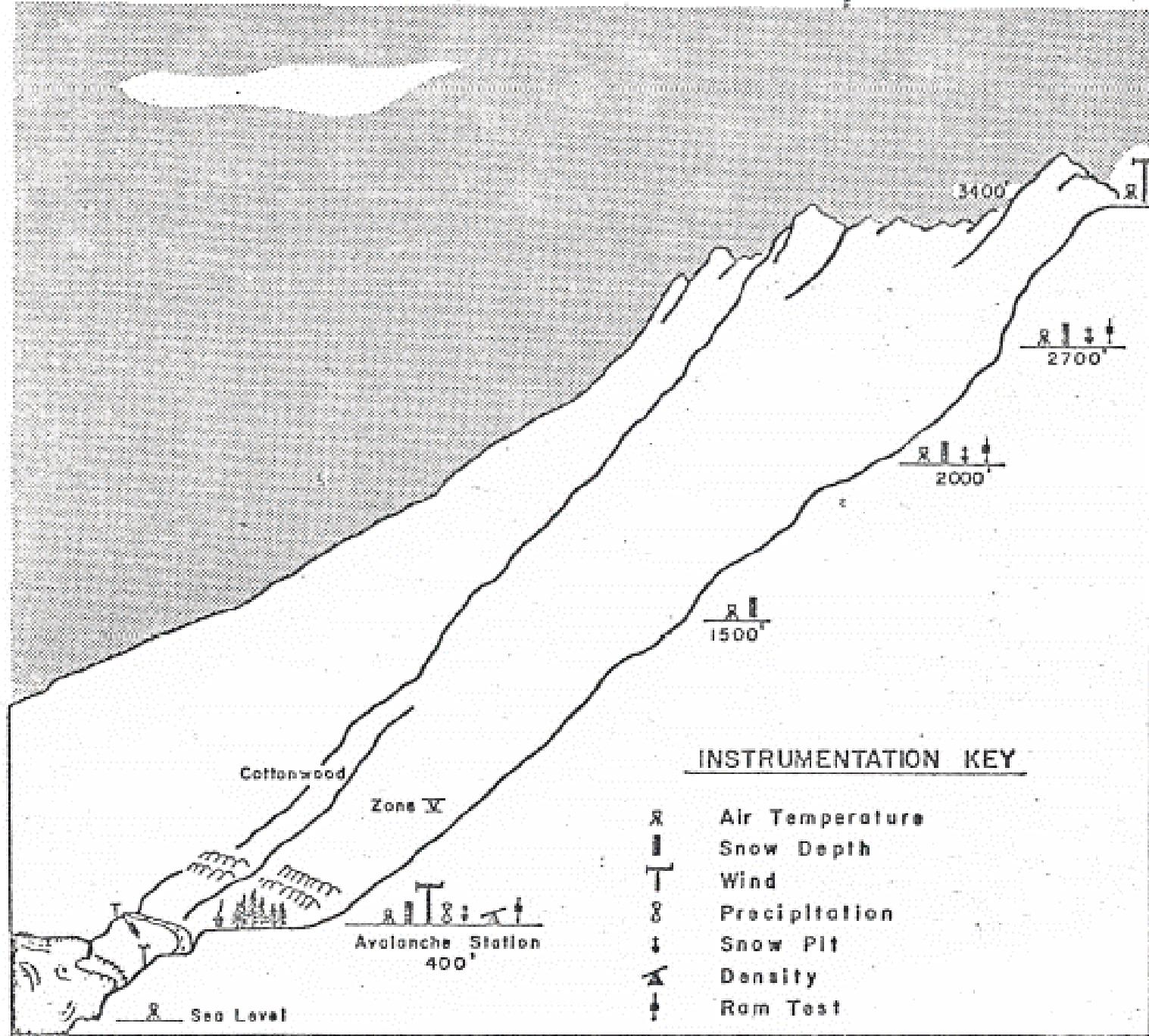
LEGEND:

- Avalanche Barriers AAA
- Proposed Avalanche Barriers AAA
- Proposed Terrace □ □ □
- Proposed Diversion Dike □ □ □
- Instrument Cables □ □ □

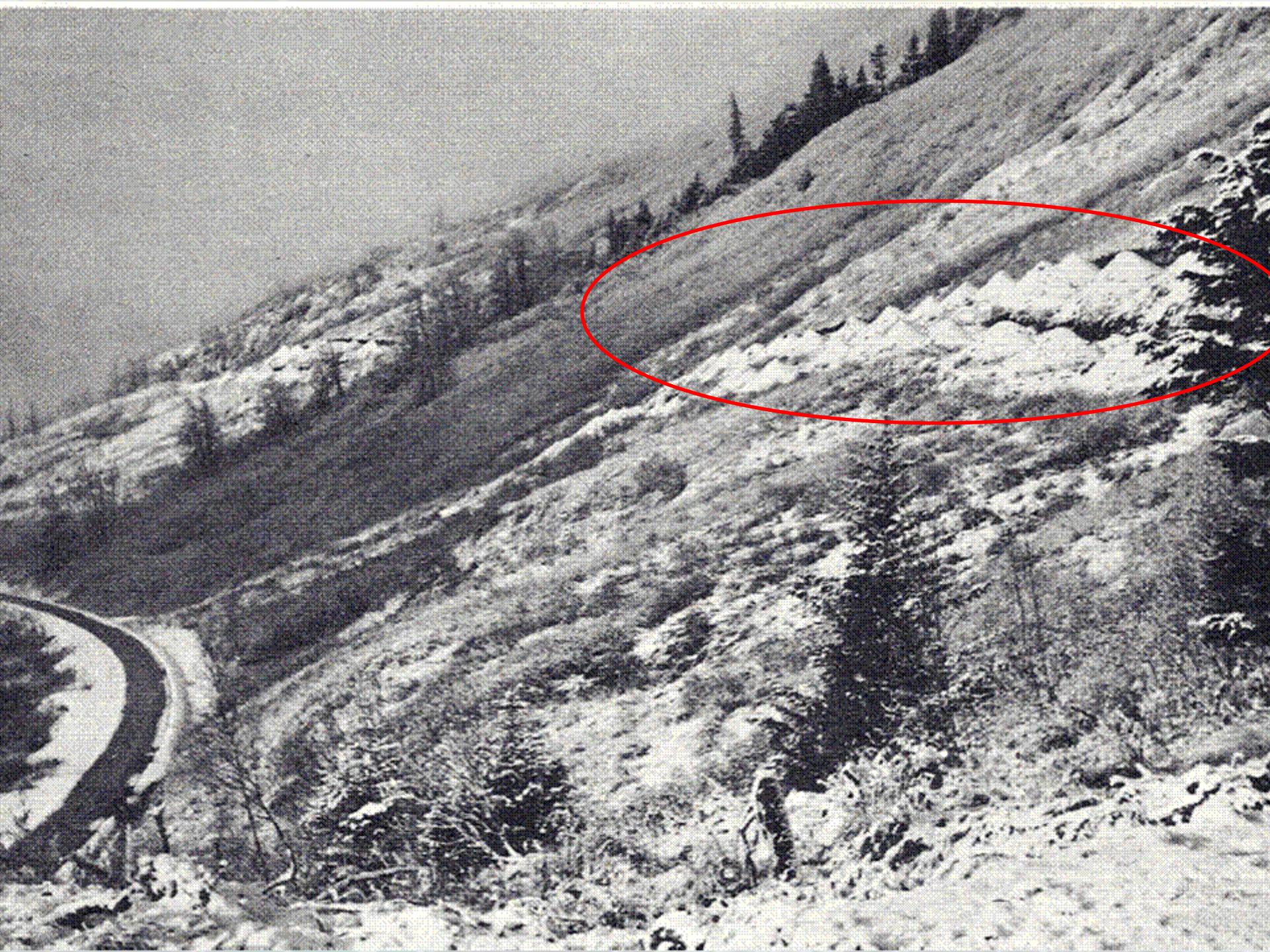
LEGEND:

- Avalanche Barriers AAA
- Proposed Avalanche Barriers AAA
- Proposed Terrace □ □ □

ZONE IV (Bird Ridge)



PROFILE OF AVALANCHE SLOPE ABOVE DEVILS CLUB STATION





Devils Club
Avalanche Research Station

Bird to Gird Pathway

1

Seward Hwy

Image Municipality of Anchorage

Google earth

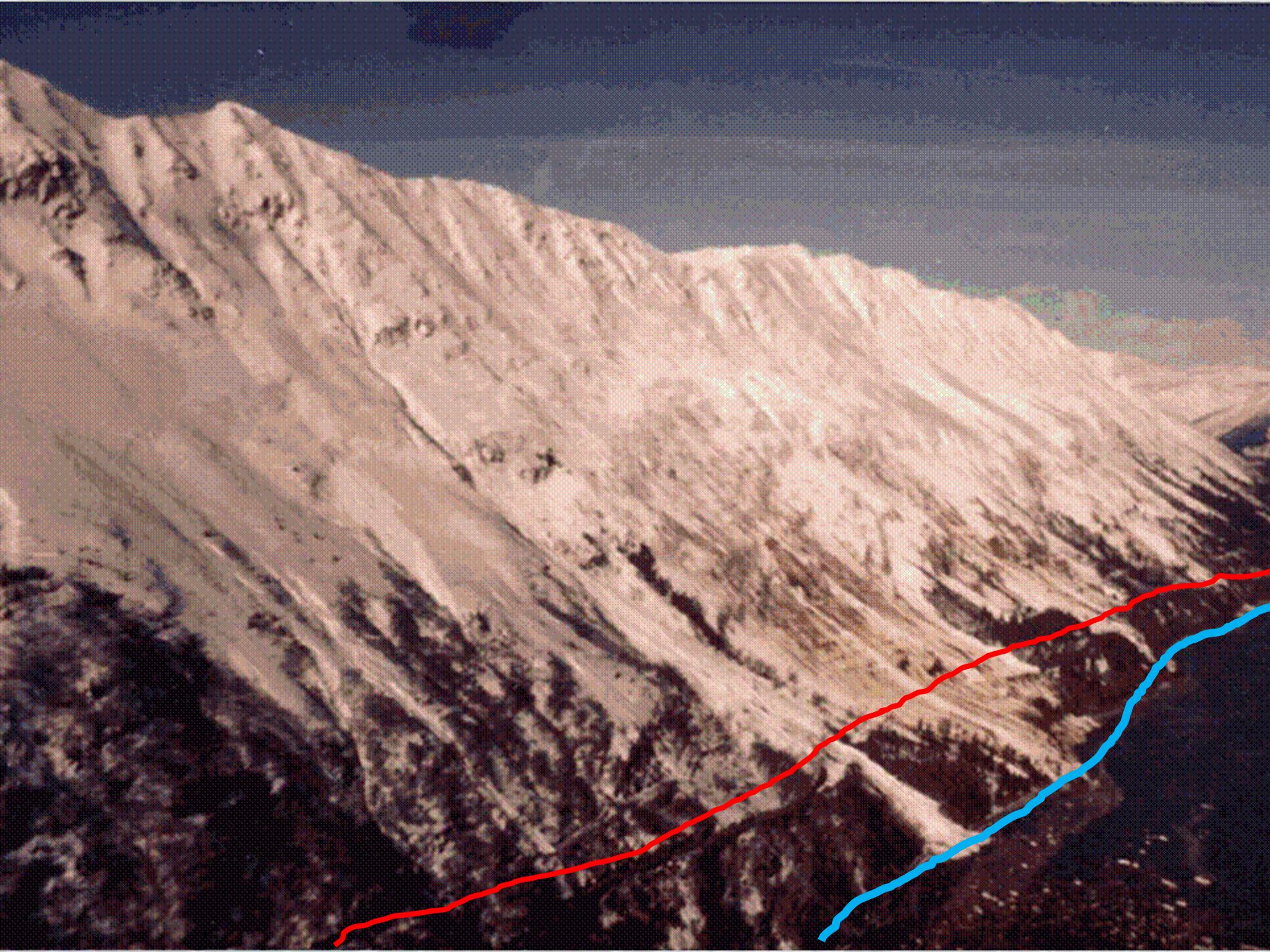














AVALANCHE AREA
NEXT 1.5 MILES

DO NOT STOP







2/1/200









KEEP
BACK
50 FT.







THANKS

AMSC, 2003. Avalanche Atlas. Report prepared by Alaska Mountain Safety Center, Inc for Chugach Electric Association; Anchorage, Alaska.

Bachman, Don, 1980. Personal letter.

Fredston, J. et al, 1985. Seward Highway Avalanche Project Data Base. Draft Report. Alaska Avalanche Forecast Center, Arctic Environmental Information and Data Center, University of Alaska Fairbanks. Prepared for SOA Department of Transportation and Public Facilities.

Hamre, D., 1979. Seward Highway Avalanche Safety Plan. Report prepared by Alcan Avalanche Services for the Alaska Department of Transportation and Public Facilities; Central Region, Maintenance& Operations and Graphics Section.

Mears, A. 2000. Avalanche Hazard Analysis, Seward Highway MP97-99 (Bird Flats). Prepared for the Alaska Department of Transportation and Public Facilities.

Mears, A., 1983. Snow Avalanche Hazard and Control Analysis-Seward Highway, Bird Creek to Girdwood Turnoff. Prepared for the Alaska Department of Transportation and Public Facilities.

Onslow, T., 2013. Personal communications.

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NEXT 1.5 MILES

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