

# MEMORANDUM

## State of Alaska Department of Transportation & Public Facilities

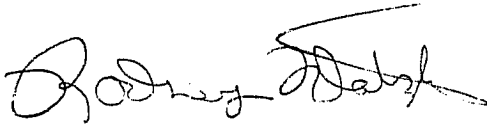
TO: Distribution

DATE: January 23, 1992

FILE NO: D:\DOCS\Elevation

TELEPHONE NO: 451-2274

SUBJECT: Basis of Elevation



FROM: Rodney Platzke, P.E.  
Design Chief  
Northern Region

NOAA has recently published new benchmark data for the entire United States. In Interior Alaska, the net result is that the published elevations are about five (5) feet higher than previously used.

In the Fairbanks area, the basis of elevation was originally established in 1923, and there have been five (5) intermediate adjustments that varied from a few hundredths of a foot to about one foot. Most of these adjustments have effected only a relatively small area.

It will be our policy to use the new elevations (referred to as the 1988 adjustment) on projects requiring substantial reconstruction. On projects involving repair work (i.e., bridge repair), it will probably be simpler to use the as-built elevations.

Special thought must be given to urban street work or work at Fairbanks International Airport where we are tying into existing structures or utilities that have a different basis of elevation.

All Designers shall be responsible for clearly stating the basis of elevation used for a plan set and make reference to any other basis used for previous as-builts or connecting works.

RP/r1

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