MEMORANDUM

State of Alaska

Department of Transportation and Public Facilities
Statewide Design and Engineering Services Division

TO: DISTRIBUTION

DATE: August 8, 2002

FILE NO:

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FROM: Michael L. Downing, P.E.
Chief Engineer

SUBJECT: Replacement of Guardrail End Terminals not Meeting Current Crashworthiness Standards

Many of the existing guardrail end terminals on DOT&PF roads do not meet NCHRP-350 crashworthiness standards (implemented in 1998). The FHWA requires replacement of these terminals in some cases.

The attached matrix summarizes ADOT&PF policy for terminal replacement. It revises and supercedes the matrix transmitted under cover of my 6/13/01 memo. Revisions address maintenance projects more clearly and clarify the requirements for terminal replacement as a function of terminal condition.

The notes on the matrix allows guardrail terminal replacement to be omitted on a project if a follow-up project will install the terminals within a specified time period. However, the time frame has been extended for contracts that are currently under construction. For those projects, terminal replacement requirements may be waived if a separate guardrail project that will correct terminal deficiencies within the limits of the current project is included in the STIP and is scheduled to be constructed no later than 2004.

Please see that guardrail terminals in your region are replaced when required by the matrix.

Thank you.

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Attachment