

MEMORANDUM

State of Alaska

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

TO: Distribution

DATE: October 4, 2010

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FROM: Roger Healy, P.E.
Chief Engineer



SUBJECT: **Chief Engineer Directive-
Standard Modifications
E 69 thru E 90**

Effective November 4, 2010 insert the following Standard Modifications for Traffic into contracts advertised after this date.

- E 69 606-2.01 Revised standard for Terminal Markers and guardrail reflectors.
- E 70 606-3.01 Revised how guardrail is installed.
- E 71 606-3.02 Revised standard for ramming or driving posts and backfilling.
- E 72 606-3.03 Changed the distance for bending curved guardrail.
- E 73 606-3.05 Attaching flexible markers to terminal sections of guardrail.
- E 74 606-5.01 Installation instructions for terminal sections and defined three terminal sections and pay items.
- E 75 643-1.04 Revised the qualifications for the Worksite Traffic Supervisor and their authority to stop work and implement corrective actions.
- E 76 643-2.01 Redefined temporary crash cushions and added Truck Mounted Attenuators.
- E 77 643-2.02 Revised the method of documentation for crashworthiness of category 1, 2, and 3 traffic control devices.
- E 78 643-3.03 Worksite Traffic Supervisor must give a minimum of three days notice for major changes in their traffic control plans.
- E 79 643-3.04 Defined ATSSA and requirement for maintaining pre-existing roadside safety hardware at an equivalent or better level than existed prior to construction. Redefined the flagger qualifications and signalized intersection instructions. Added and defined Truck Mounted Attenuators.

- E 80 643-3.06 Added a traffic price adjustment for incomplete guardrail installations.
- E 81 643-4.01 Added new item, steel F shaped barrier.
- E 82 643-5.01 Added new item, steel F shaped barrier and as a pay item.
- E 83 710-2.04 Galvanize metal beam rail after factory formed and punched.
- E 84 710-2.06 Revised the requirements for steel posts and blocks.
- E 85 710-2.11 Standardized the three types of guardrail terminals and their requirements.
- E 86 730-2.01 Treat aluminum metal sheets with a rinsed non-hexavalent chromium conversion coating after January 1, 2011.
- E 87 740-2.14 New standard specification for vehicular signal heads.
- E 88 740-2.15 New standard specification for pedestrian signals.
- E 90 643-3.01 Section 643-3.01 and 643-3.11 were left after removing 643-2.01 and 643-3.04 from the standard modification E 56.

Attachments: as noted in text

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