



U.S. Department
of Transportation
**Federal Highway
Administration**

Alaska Division

August 15, 2016

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D. Lance Mearig, P.E.
Chief Engineer
Alaska Department of Transportation and Public Facilities
P.O. Box 112500
Juneau, Alaska 99811-2500

Dear Mr. Mearig:

We are in receipt of your August 9, 2016 letter requesting approval of the Interim Addendum to the Alaska Traffic Manual Supplement (ATMS) enclosed with your request. We have reviewed and approve the Interim Addendum to the ATMS as submitted.

Sincerely,

A handwritten signature in black ink, appearing to read "Al Fletcher". The signature is written in a cursive style and is positioned above the printed name and title.

Al Fletcher
Field Operations Engineer



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Transportation and
Public Facilities

Statewide Design & Engineering Services
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August 9, 2016

Mr. Al Fletcher, Safety/Operations Engineer
Federal Highway Administration
Alaska Division, Room 851
709 West 9th Street
Juneau, Alaska 99802-1648

Re: ATMS Section 2C.06 and Table 2C-5

Dear Mr. Fletcher,

I request approval for the enclosed Interim Addendum to the Alaska Traffic Manual Supplement (ATMS) document. This addendum was developed according to Section IA.10 of the ATMS. Interim addenda represent changes to the ATMS needed to improve uniformity in the application of traffic control devices in Alaska.

Please contact Matt Walker, Assistant State Traffic and Safety Engineer, at 465-6963 if you have questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Mearig".

D. Lance Mearig, P.E.
Chief Engineer

Enclosure: Interim Addenda for Section 2C.06 and Table 2C-5

cc: Mark Neidhold, P.E., Chief, Design and Construction Standards, Statewide
Matt Walker, P.E., Assist. State Traffic and Safety Engineer, D&C Standards, Statewide

Federal Highway
Administration

AUG 10 2016

Juneau, Alaska

"Keep Alaska Moving through service and infrastructure."

Interim Addendum to 2016 ATMS – approved by FHWA 8/15/16

Restored MUTCD language is highlighted in yellow. ATMS language, whether proposed or existing, is shown in blue to indicate revision of MUTCD language. Additional MUTCD paragraphs may have been included for context.

Section 2C.06 Horizontal Alignment Warning Signs

Support:

01 A variety of horizontal alignment warning signs (see Figure 2C-1), pavement markings (see Chapter 3B), and delineation (see Chapter 3F) can be used to advise motorists of a change in the roadway alignment. Uniform application of these traffic control devices with respect to the amount of change in the roadway alignment conveys a consistent message establishing driver expectancy and promoting effective roadway operations. The design and application of horizontal alignment warning signs to meet those requirements are addressed in Sections 2C.06 through 2C.15.

Standard:

02 In advance of horizontal curves on freeways, on expressways, and on roadways with more than 1,000 AADT that are functionally classified as arterials or collectors, horizontal alignment warning signs shall be used in accordance with Table 2C-5 based on the speed differential between the roadway’s posted or statutory speed limit ~~or 85th-percentile speed, whichever is higher, or the prevailing speed on the approach to the curve,~~ and the horizontal curve’s advisory speed.

Option:

03 Horizontal Alignment Warning signs may also be used on other roadways or on arterial and collector roadways with less than 1,000 AADT based on engineering judgment.

**Table 2C-5.
Horizontal Alignment Sign Selection**

Type of Horizontal Alignment Sign	Difference Between Speed Limit and Advisory Speed				
	5 mph	10 mph	15 mph	20 mph	25 mph or more
Turn (W1-1), Curve (W1-2), Reverse Turn (W1-3), Reverse Curve (W1-4), Winding Road (W1-5), and Combination Horizontal Alignment/Intersection (W1-10 series) (see Section 2C.07 to determine which sign to use)	Recommended	Required	Required	Required	Required
Advisory Speed Plaque (W13-1P)	Recommended	Required	Required	Required	Required
Chevrons (W1-8) and/or One Direction Large Arrow (W1-6)	Optional	Recommended Optional	Required Recommended	Required	Required
Exit Speed (W13-2) and Ramp Speed (W13-3) on exit ramp	Optional	Optional	Recommended	Required	Required

Note: Required means that the sign and/or plaque shall be used, recommended means that the sign and/or plaque should be used, and optional means that the sign and/or plaque may be used.

See Section 2C.06 for roadways with less than 1,000 AADT.