



Alaska Department of Transportation and Public Facilities



U.S. Department of Transportation
Federal Highway Administration

2016 Alaska Traffic Manual

Consisting of:

1. Manual on Uniform Traffic Control Devices, 2009 Edition, Including Revision 1 dated May 2012, and Revision 2 dated May 2012 (separate documents)
2. 2016 Alaska Traffic Manual Supplement

Effective 6/16/16

INTRODUCTION

ALASKA TRAFFIC MANUAL

Support:

- 01 The 2016 Alaska Traffic Manual (ATM) is intended to enhance road safety and operation by specifying uniform, understandable, and effective traffic control devices for Alaska roads.

Standard:

- 02 **Traffic control devices installed on state roads shall conform to the ATM. Traffic control devices on roads under municipal jurisdiction shall conform, “as far as practicable,” to the ATM, as specified in Alaska Statutes (AS) 28.01.010(d).**

Support:

- 03 The 2016 ATM is comprised of the “*2016 Alaska Traffic Manual Supplement (ATMS)*”; the 2009 edition of the “*Manual on Uniform Traffic Control Devices (MUTCD)* including Revision 1 and Revision 2 dated May 2012”, published by the Federal Highway Administration; any adopted revisions or interim addenda to either document issued subsequently; and corrections to known errors to either document.

- 04 Adopted revisions to the ATMS incorporated since January 2012 are listed individually in the table, “Adopted Revisions to the 1/13/2012 ATMS” at the end of this Introduction.

Standard:

- 05 **Devices installed or replaced after the publication date of the ATM shall conform to the ATM upon installation. Unless noted otherwise, existing devices that do not conform to the current ATM shall be replaced at the end of their useful life.**

- 06 **Both the ATMS and the MUTCD shall be consulted when researching traffic control device issues.**

Support:

- 07 How to Use the Alaska Traffic Manual Supplement:

- 08 The ATMS parts, chapters and sections correlate to the MUTCD parts, chapters and sections in sequence, heading and numbering.

- 09 The two documents interact as follows:

MUTCD sections, figures or tables not mentioned in the ATMS are adopted for Alaska without any changes or additions.

MUTCD text modified by the ATMS is indicated by ~~blue strikethrough~~ text for deletions and blue underline text for additions. In some cases, portions of unmodified the MUTCD are shown as black text along with deletions and additions to provide context.

MUTCD figures and tables modified by the ATMS are changed either as directed by the instructions in blue brackets ([]) or as shown in the ATMS to replace the MUTCD version.

Where no equivalent section, figure, or table exists in the MUTCD, the section, figure, or table in the ATMS is the standard. Alaska-unique sections begin with a .100 suffix (as in Section 2C.100). Similarly, Alaska-unique figures and tables begin with -100 suffixes (as in Figure 2C-100).

- 10 Obtaining the MUTCD:

- 11 The MUTCD and revisions may be obtained from the following publishing agencies:

American Traffic Safety Services Association (ATSSA): <http://www.atssa.com/OnlineStore.aspx>

Institute of Transportation Engineers (ITE): www.ite.org/bookstore

American Association of State Highway and Transportation Officials (AASHTO): https://bookstore.transportation.org/item_details.aspx?ID=1550

- 12 It may also be downloaded on the Web at http://mutcd.fhwa.dot.gov/kno_2009r1r2.htm.

13 Other Related Documents:

- 14 The following Department of Transportation & Public Facilities (DOT&PF) documents can be a useful reference when working on traffic control device design:

Design details for signs and markers are not included in the ATMS. They are found in the “*Alaska Sign Design Specifications*”.

The Alaska Department of Transportation and Public Facilities (DOT&PF) “*Alaska Preconstruction Manual*” contains additional information on highway construction, street lighting, and supports for signs, streetlights, and traffic. It pertains only to DOT&PF construction projects.

The DOT&PF “*Standard Specifications for Highway Construction*” contains descriptions, material requirements, and construction methods for traffic control devices and other items. It pertains only to DOT&PF construction projects.

15 Obtaining the Supplement and Other DOT&PF Documents:

- 16 You can download the ATM and the above referenced documents for free at the DOT&PF Design and Construction Standards Web site at: <http://www.dot.state.ak.us/stwddes/dcspubs/manuals.shtml>.

- 17 The web site also provides access to any updates adopted since publication of the 2016 ATM.

Table I-100
Adopted Revisions to the 1/13/2012 ATMS

Section Number	Section Title	Date Approved	Description of change
1A.10	Interpretations, Experimentations, Changes, and Interim Approvals	8/14/2015	Assign authority for ATMS changes to Chief Engineer
1A.13	Definitions of Headings, Words, and Phrases in this Manual	12/24/2014	Revise definition of School, and add definitions for School District and Chief Engineer
2A.01	Function and Purpose of Signs	8/14/2015	Add support statement
2A.100	Directional and Service Signing	8/14/2015	Update sign numbering, add Community Wayfinding Signs to signing hierarchy
2B.17	Higher Fines Signs and Plaque (R2-6P, R2-10, and R2-11)	8/14/2015	Correct sign legends, require HOAAT signs in Safety Corridors
2B.19	Intersection Lane Control Signs (R3-5 through R3-8, R3-106 and R3-108 Series)	8/14/2015	Update sign numbering
2B.21	Optional Movement Lane Control Sign (R3-6 and R3-106)	8/14/2015	Update sign numbering
2B.22	Advance Intersection Lane Control Signs (R3-8 Series and R3-108 Series)	8/14/2015	Update sign numbering
2B.35	Slow Vehicle Turn-Out Signs (R4-12, R4-13, and R4-14)	8/14/2015	Eliminate state-specific signs
2B.39	Selective Exclusion Signs	8/14/2015	Add reference to state-specific signs
2B.46	Parking, Standing, and Stopping Signs (R7 and R8 Series)	8/14/2015	Add reference to state-specific signs
2B.47	Design of Parking, Standing, and Stopping Signs	8/14/2015	Add guidance for use of state-specific signs and legends
2B.54	2B.54 No Turn on Red Signs (R10-11 Series, R10-17a, R10-30, R10-110 and R10-111)	8/14/2015	Add guidance for use of state-specific signs and legends
2B.60	Weigh Station Signs (R13 Series, R13-100, and R13-101)	8/14/2015	Add guidance for use of state-specific signs
2B.61	TRUCK ROUTE Sign (R14-1 and R14-101)	8/14/2015	Add reference to state-specific sign
2B.64	Headlight Use Signs (R16-5 through R16-11, R16-110, R16-116, and I-190)	8/14/2015	Add requirement for Commissioner approval before installing Headlight Use signs, and add guidance for use
2B.66	Seat Belt Symbol	8/14/2015	Add guidance for use of state-specific sign
2B.100	NO STUDDED TIRES Sign (R5-100)	8/14/2015	Update to reflect sign legend change
2B.105	Chains Required Signs (R12-104 through R12-108)	8/14/2015	Add reference and guidance for use of state-specific signs
2B.107	NO FISHING FROM BRIDGE Sign (R16-108)	8/14/2015	Add guidance for state-specific sign
2B.108	NO DUMPING Sign (R16-109)	8/14/2015	Add guidance for state-specific sign
2C.24	Freeway or Expressway End Signs (W19 Series)	8/14/2015	Add guidance for use of federal signs

Section Number	Section Title	Date Approved	Description of change
2C.26	DEAD END/NO OUTLET Signs and NO TURN AROUND plaque (W14-1, W14-1a, W14-2, W14-2a, W14-200P)	8/14/2015	Add reference and guidance for use of state-specific sign
2C.27	Low Clearance Signs (W12-2, W12-2a, and W12-200)	8/14/2015	Add reference and guidance for use of state-specific sign
2C.46	Intersection Warning Signs (W2-1 through W2-8)	8/14/2015	Add reference to state-specific sign
2C.49	Vehicular Traffic Warning Signs (W8-6, W11-1, W11-5, W11-5a, W11-8, W11-10, W11-11, W11-12P, W11-14, W11-15, W11-15a, and W11-100)	8/14/2015	Add reference and guidance for use of state-specific sign
2C.50	Non-Vehicular Warning Signs (W11-2, W11-3, W11-4, W11-6, W11-7, W11-9, W11-16 through W11-22, W11-104, W11-105, W11-107, and W11-108)	8/14/2015	Add reference and guidance for use of state-specific signs, delete words "Stop Here For" from guidance to align with state statute for crosswalks.
2C.108 Eliminated	ROCKS (W16-105) and Rocks Symbol (W16-116) Signs	8/14/2015	Delete state-specific section
2C.109 Eliminated	END FREEWAY ½ MILE Sign (W16-107)	8/14/2015	Delete state-specific section
2C.115	Winter Road Condition Advisory Signs (W14-105 and W14-106)	8/14/2015	Rename section and add guidance for state-specific signs
2C.116	HIDDEN DRIVEWAY Sign (W7-102)	8/14/2015	Update guidance and table for state-specific sign
2C.119	MOOSE CRASH AREA Sign (W16-115)	8/14/2015	Add new section and guidance for state-specific sign
2D.09	Numbered Highway Systems	8/14/2015	Update table to correct description for Route AK-5
2D.11	Design of Route Signs	8/14/2015	Add support statement
2D.37	Destination Signs (D1 Series)	8/14/2015	Add reference to state-specific signs
2D.42	Location of Distance Signs	8/14/2015	Add reference to state-specific signs
2D.43	Street Name Signs (D3-1, D3-1a, D3-100, D3-100A, D3-100B, D3-101, and D3-102)	8/14/2015	Add reference to state-specific signs
2D.44	Advance Street Name Signs (D3-2, D3-200, D3-201)	8/14/2015	Add reference to state-specific signs
2D.49	Weigh Station Signing (D8 Series)	8/14/2015	Add reference and guidance for use of state-specific signs
2D.50	Community Wayfinding Signs	8/14/2015	Add guidance for vehicular and pedestrian Community Wayfinding signs
2D.100	Community Service Sign (D9-204 and D9-206)	8/14/2015	Add reference to state-specific signs
2H.02	General Information Signs (I Series, I-182, I-183, I-191, I-192, I-210, I-211, I-220, I-221, I-222, I-223, and I-224)	8/14/2015	Add reference and guidance for use of state-specific signs
2H.04	Miscellaneous Information Signs	8/14/2015	Add guidance for use of state-specific sign
2H.05	Reference Location Signs (D10-101 through D10-104 and D10-201 through D10-204) and Intermediate Reference Location Signs (D10-101A through D10-104A and D10-201A through D10-204A)	8/14/2015	Add reference to state-specific signs
2H.08	Acknowledgment Signs	8/14/2015	Add reference and guidance for use of state-specific signs
2I.02	General Service Signs for Conventional Roads	8/14/2015	Add guidance for use of state-specific signs
2I.03	General Service Signs for Freeways and Expressways	8/14/2015	Eliminate state-specific sign
2I.08	Tourist Information and Welcome Center Signs	8/14/2015	Add guidance for use of state-specific signs
2I.10	TRAVEL INFO CALL 511 Signs (D12-5, D12-5a, and D12-105P)	8/14/2015	Add reference and guidance for use of state-specific signs
2J.04	Number and Size of Signs and Logo Sign Panels (LG-F1x2, LG-F3x1, LG-F3x2, LG-R1x2, LG-R1x3, LF-FP, and LG-FP2)	8/14/2015	Add reference and guidance for use of state-specific signs
2K.06	Tourist Oriented Directional Sign Locations	6/28/2012	Refines placement of TODS signs
2K.07	Tourist Oriented Directional Sign State Policy	6/28/2012	Refines trailblazing symbol options
2M.02	Application of Recreation and Cultural Interest Area Signs	6/28/2012	Refines placement of RCIA signs
2M.04	General Design Requirements for Recreational and Cultural Interest Area Symbol Guide Signs	8/14/2015	Add reference and guidance for use of state-specific signs
2M.10	Memorial or Dedication Signing	8/14/2015	Add guidance for use of federal signs
2N.03	Evacuation Route Signs (EM-1 and EM-1a)	8/14/2015	Revise state guidance for use of evacuation route signs
2S.01	Highway Fatality Memorial Signs (I-160 through I-164, and I-167)	8/14/2015	Revise wording and sequence of table
2S.06	FIRE HYDRANT Sign (M12-100)	8/14/2015	Update sign number and revise guidance of state-specific sign
2S.08 Eliminated	Pedestrian Wayfinding Signs	8/14/2015	Delete state-specific section, guidance incorporated into Section 2D.50 Wayfinding Signs

Section Number	Section Title	Date Approved	Description of change
2S.09	Game Management Unit/Subsistence Hunt Area signs	8/14/2015	Update sign numbers, add guidance for state-specific signs
3B.18	Crosswalk Markings	8/14/2015	Include previously omitted paragraph, correct paragraph sequencing, delete guidance that could conflict with state statute.
4A.100	Traffic Control Device Alternatives for Crossings	8/14/2015	Add a section and guidance for installation of crosswalk-related traffic control devices based on site conditions
4F.01	Application of Pedestrian Hybrid Beacons	6/28/2012	Create guidance for placement tied to Table 3B-101 and describes incremental approach installation of crosswalk treatments
4F.02	Design of Pedestrian Hybrid Beacons	6/28/2012	Create guidance for placement with respect to controlled crossing locations
4L.100	Rectangular Rapid Flashing Beacons	2/25/2013	Create guidance for RRFB installation in Alaska
6A.01	General	8/14/2015	Revise guidance to relate departmental policy and procedures to state construction projects
6C.13	Pilot Car Method of One-Lane, Two-Way Traffic Control	8/14/2015	Add guidance for use of state-specific sign
6F.08	ROAD (STREET) CLOSED Sign (R11-2), ROAD CLOSED AVALANCHE AREA Sign (R11-101), and LANE CLOSED Sign (R11-102)	8/14/2015	Add reference and guidance for use of state-specific signs
6F.12	Double Fine in Work Zone Signs (R16-100, R16-101, R16-102, R16-114, R2-100)	8/14/2015	Add reference to state-specific sign, correct sign legend, correct mandate terminology
6F.14	SIDEWALK CLOSED Signs (R9-9, R9-10, R9-11, R9-11a, R9-100, R9-101)	8/14/2015	Add reference and guidance for use of state-specific signs
6F.30	6F.30 NEW TRAFFIC PATTERN AHEAD Sign (W23-2)	8/14/2015	Delete state-specific section, sign, and guidance
6F.59	Detour Signs (M4-8, M4-8a, M4-8b, M4-9, M4-9a, M4-9b, M4-9c, M4-10, M4-100, and M4-103)	8/14/2015	Add reference and guidance for use of state-specific signs
7A.01	Need for Standards	12/24/2014	Revise guidance on installation of school related traffic control devices
7B.12	School Crossing Assembly	6/28/2012	Revise section to eliminate STOP-oriented in-street signs, which conflict with state law.
8A.02	Use of Standard Devices, Systems, and Practices at Highway-Rail Grade Crossings	6/28/2012	Correct references to Railroad-Highway Grade Crossing Handbook, and Accident Prediction Value
8B.101	BUSES & HAZMAT VEHICLES USE RIGHT LANE Sign (R16-115)	8/14/2015	Add section and guidance for use of state-specific sign

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