

17 AAC 10.040 is amended to read:

17 AAC 10.040. Technical requirements. Ingress and egress to highway **right-of-way** [RIGHTS-OF-WAY] for driveways, approach roads, and service roads or trails are subject to the requirements of 17 AAC 10.020 - 17 AAC 10.080 and the Driveway Standards section [, REVISED AS OF DECEMBER 1998 AND ADOPTED BY REFERENCE,] of the department's **Alaska Highway Preconstruction Manual, adopted by reference in 17 AAC 20.950(4).** (Eff. 5/23/82, Register 82; am 5/18/88, Register 106; am 5/4/2000, Register 154; am____/____/____, Register ____)

Authority:	AS 19.05.020	AS 19.30.051	AS 19.40.065
	AS 19.05.040	AS 19.30.121	AS 44.42.030

[EDITOR'S NOTE: THE DRIVEWAY STANDARDS SECTION OF THE DEPARTMENT'S PRECONSTRUCTION MANUAL MAY BE VIEWED AT THE DEPARTMENT'S REGIONAL OFFICES IN ANCHORAGE, FAIRBANKS, AND JUNEAU. COPIES MAY BE OBTAINED BY WRITING THE DIVISION OF STATEWIDE DESIGN AND ENGINEERING SERVICES, DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES, 3132 CHANNEL DRIVE, JUNEAU, AK 99801-7898.]

17 AAC 10.070(a) is amended to read:

(a) A traffic impact analysis required under 17 AAC 10.060(c) must compute traffic generated by a development in accordance with the Institute of Traffic Engineers' *Trip Generation Manual, 9th edition (2012), adopted by reference* [HANDBOOK (1997)]. The

department may [WILL, IN ITS DISCRETION,] require a traffic impact analysis based upon local traffic generation values. A traffic impact analysis must be prepared by an engineer licensed under AS 08.48 and must be submitted to the department for review and comment under (e) of this section.

The introductory language of 17 AAC 10.070(b) is amended to read:

(b) Level of service (LOS) and operational analysis for a traffic impact analysis prepared under this section must be performed in accordance with the Transportation Research Board's publication [*SPECIAL REPORT 209*,] *Highway Capacity Manual*, **5th edition (2010), adopted by reference** [(1997 UPDATE)]. The minimum acceptable LOS at intersections and on road segments both on the development's opening date and in the design year is

...

(Eff. 5/4/2000, Register 154; am ___/___/___, Register___)

Authority:	AS 19.05.020	AS 19.30.051	AS 19.40.065
	AS 19.05.040	AS 19.30.121	AS 44.42.030

Editor's note: The [*SPECIAL REPORT 209*,] *Highway Capacity Manual*, **5th edition (2010)** [(1997 UPDATE)] and the *Trip Generation Manual*, **9th edition (2012)** [HANDBOOK (1997)], adopted by reference in 17 AAC 10.070, may be viewed at the department's regional offices in Anchorage, Fairbanks, or Juneau. **The** [*SPECIAL REPORT 209*,] *Highway Capacity Manual*, **5th edition (2010)** [(1997 UPDATE)] may be obtained from the Transportation Research Board **at <http://www.trb.org>** [, LOCKBOX 289, WASHINGTON, D.C. 20055]. The

Trip Generation **Manual, 9th edition (2012)** [HANDBOOK (1997)] may be obtained from the Institute of Transportation Engineers **at <https://ite.org>** [, 525 SCHOOL STREET, S.W., SUITE 410, WASHINGTON, D.C. 20024-2797].

17 AAC 10.075(c) is amended to read:

(c) A permittee for which a traffic impact analysis report has been approved shall use signs and markings on approaches to highways within the development that conform with the *Alaska Traffic Manual*, **adopted by reference** [2005, DESCRIBED] in 17 AAC 20.950(1) [, AND ADOPTED BY REFERENCE]. Internal circulation and parking layout must provide sufficient queuing distance within the development between the highway and potential internal block points to ensure no traffic backs up onto the highway, including bicycle or pedestrian facilities. (Eff. 5/4/2000, Register 154; am 2/5/2004, Register 169; am 7/15/2009, Register 191; am ____/____/____, Register____)

Authority:	AS 19.05.020	AS 19.30.121	AS 44.42.020
	AS 19.05.040	AS 19.40.065	AS 44.42.030
	AS 19.10.050		

[EDITOR'S NOTE: THE ALASKA TRAFFIC MANUAL, ADOPTED BY REFERENCE IN 17 AAC 10.075, MAY BE VIEWED AT THE DEPARTMENT'S REGIONAL OFFICES IN ANCHORAGE, FAIRBANKS, AND JUNEAU OR THROUGH THE DEPARTMENT'S INTERNET WEBSITE AT [HTTP://WWW.DOT.STATE.AK.US/STWDDDES/DCSTRAFFIC/RESOURCES.SHTML.](http://www.dot.state.ak.us/stwddes/dcstraffic/resources.shtml)]

17 AAC 10.105(b) is amended to read:

(b) The consideration for a conveyance of a fee simple interest under this section is the fair market value of the land, estimated under commonly accepted appraisal techniques. [IF THE INTEREST THE DEPARTMENT HOLDS IS AN EASEMENT, THE CONSIDERATION FOR THE TRANSACTION IS 90 PERCENT OF THE FAIR MARKET VALUE OF THE FEE SIMPLE INTEREST, NOT SUBJECT TO THE EASEMENT.]

(Eff. 5/4/2000, Register 154; am ____/____/_____, Register ____)

Authority: AS 19.05.020

AS 19.05.070

AS 44.42.030

17 AAC 15.021(a) is amended to read:

(a) Application for issuance of a utility permit must be made on a form prescribed by the department **and in accordance with the Alaska Right-of-Way Manual and Alaska Utilities Manual, adopted by reference in 17 AAC 20.950(6) and (7).**

17 AAC 15.021(g) is amended to read:

(g) If a utility proposes to locate a facility within a department right-of-way that crosses navigable water, the utility shall obtain written approval from the **United States** [U.S.] Army Corps of Engineers or the **United States** [U.S.] Coast Guard.

17 AAC 15.021(h) is amended to read:

(h) If a utility proposes to locate a facility within a department right-of-way **that** [WHICH] passes through restricted Native allotment land, the utility shall obtain written approval from the **United States Department of the Interior**, Bureau of Indian Affairs.

17 AAC 15.021(i) is amended to read:

(i) If a utility proposes to locate a facility within a department right-of-way **that** [WHICH] passes through Bureau of Land Management land, the utility shall obtain written approval from the **United States Department of the Interior**, Bureau of Land Management.

(Eff. 5/23/82, Register 82; am ___/___/_____, Register____)

Authority:	AS 02.15.020	AS 19.20.090	AS 19.40.065
	AS 02.15.102	AS 19.25.010	AS 35.05.020
	AS 02.15.106	AS 19.25.200	AS 35.10.210
	AS 19.05.020	AS 19.30.051	AS 35.10.230
	AS 19.05.040	AS 19.30.121	AS 44.42.030

Editor's note: Utility permit application forms may be obtained from the regional offices of the Department of Transportation and Public Facilities located **at 4111 Aviation Drive, Anchorage, AK 99502; 2301 Peger Road or 2720 Pickett Place, Fairbanks, AK 99701; and 6860 Glacier Highway, Juneau, AK 99801** [IN JUNEAU, ANCHORAGE, AND FAIRBANKS, ALASKA].

Copies of the *Catalog of Waters Important for Spawning, Rearing, or Migration of Anadromous Fishes* for a specified region may be [OBTAINED BY WRITING TO THE

Register _____, _____ 2023

TRANS. AND PUBLIC FACILITIES

DEPARTMENT OF FISH AND GAME (ADF&G), DIVISION OF SPORT FISH, 333

RASPBERRY ROAD, ANCHORAGE, AK 99518-1599. ELECTRONIC COPIES MAY ALSO

BE] viewed through the Department of Fish and Game's website at

<https://www.adfg.alaska.gov/sf/SARR/AWC/>

[HTTP://WWW.SF.ADFG.STATE.AK.US/SARR/AWC/AWC=HRZCATALOGS.CFM].

Copies of the entire *An Atlas to the Catalog of Waters Important for Spawning, Rearing, or Migration of Anadromous Fishes* are available for examination at the **Department of Fish and Game**, [ADF&G, DIVISION OF] Habitat **Section's** offices in Anchorage, Douglas, and **Fairbanks** [JUNEAU]. Copies are also available for viewing at the Alaska State Library in Juneau and the ARLIS Library in Anchorage.

[COPIES OF REGIONAL VOLUMES OF THE ATLAS FOR THE REGION OF THE STATE WHERE THEY ARE LOCATED ARE AVAILABLE FOR EXAMINATION AT THE ADF&G OFFICES IN ANCHORAGE, BETHEL, COLD BAY, CORDOVA, CRAIG, DELTA JUNCTION, DILLINGHAM, DOUGLAS, DUTCH HARBOR, FAIRBANKS, GLENNALLEN, HAINES, HOMER, JUNEAU, KETCHIKAN, KING SALMON, KODIAK, NOME, PALMER, PETERSBURG, SAND POINT, SITKA, SOLDOTNA, TOK, WRANGELL, AND YAKUTAT. AN ELECTRONIC EQUIVALENT MAY ALSO BE VIEWED THROUGH THE ADF&G WEBSITE AT

HTTP://WWW.SF.ADFG.STATE.AK.US/SARR/AWC/INDEX.CFM/FA/INTRO.CATALOG, OR HTTP://WWW.SF.ADFG.STATE.AK.US/SARR/AWC/INDEX.CFM/FA/MAPS.MAPS.]

((Publisher: remainder of editor's note is unchanged.)))

17 AAC 15.171(a) is amended to read:

(a) The department may allow utility facilities to be located within the **highway right-of-way and in accordance with the *Alaska Right-of-Way Manual* and *Alaska Utilities Manual*, adopted by reference in 17 AAC 20.950(6) and (7)** [RIGHTS-OF-WAY OF HIGHWAYS].

17 AAC 15.171(d) is amended to read:

(d) The minimum distance between the nearest part of a surface-mounted utility facility and the edge of the traveled way must comply with the standards set out in the department's ***Alaska Highway Preconstruction Manual***, adopted by reference in **17 AAC 20.950(4)** [17 AAC 15.301(e)].

17 AAC 15.171(e) is amended to read:

(e) Facilities installed within a department right-of-way must

- (1) be located as near as practicable to the highway right-of-way line; and
- (2) comply with the standards set out in the ***Alaska Highway Preconstruction Manual***, adopted by reference in **17 AAC 20.950(4)** [17 AAC 15.301(e)].

(Eff. 5/23/82, Register 82; am 10/2/87, Register 103; am 7/15/2009, Register 191; am ___/___/____, Register ____)

Authority:	AS 19.05.020	AS 19.25.010	AS 19.40.065
	AS 19.05.040	AS 19.25.200	AS 44.42.020
	AS 19.20.010	AS 19.30.121	AS 44.42.030

[**EDITOR'S NOTE:** THE *HIGHWAY PRECONSTRUCTION MANUAL* REFERRED TO IN 17 AAC 15.171(d) AND (e) IS AVAILABLE FOR INSPECTION AT THE JUNEAU, ANCHORAGE, AND FAIRBANKS REGIONAL OFFICES OF THE DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES. THE *HIGHWAY PRECONSTRUCTION MANUAL* ALSO MAY BE VIEWED THROUGH THE DEPARTMENT'S INTERNET WEBSITE AT [HTTP://WWW.DOT.STATE.AK.US/STWDDES/DCSPRECON/RESOURCES.SHTML](http://www.dot.state.ak.us/stwdDES/DCSPRECON/RESOURCES.SHTML).]

17 AAC 15.241 is amended to read:

17 AAC 15.241. Safety precautions to be taken by permittee. Each permittee shall protect the public and provide for the continued safe use of a highway or other state property during construction, modification, or maintenance of utility facilities. Closing off a highway or highway segment or creating a detour must be specifically authorized by a current department-approved traffic control plan and must be done in a manner approved by the department. All traffic-control devices must comply with the *Alaska Traffic Manual*, [2005, DESCRIBED]

adopted by reference in 17 AAC 20.950(1) [, AND ADOPTED BY REFERENCE]. (Eff. 5/23/82, Register 82; am 2/5/2004, Register 169; am 7/15/2009, Register 191; am ____/____/____, Register____)

Authority:	AS 02.15.020	AS 19.10.050	AS 35.05.020
	AS 02.15.102	AS 19.25.010	AS 35.10.210
	AS 02.15.106	AS 19.25.200	AS 35.10.230
	AS 19.05.020	AS 19.30.121	AS 44.42.020

[**EDITOR'S NOTE:** COPIES OF THE *ALASKA TRAFFIC MANUAL*, ADOPTED BY REFERENCE IN 17 AAC 15.241, ARE AVAILABLE FOR INSPECTION AT REGIONAL OFFICES OF THE DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES LOCATED AT JUNEAU, ANCHORAGE, AND FAIRBANKS, ALASKA. THE *ALASKA TRAFFIC MANUAL* ALSO MAY BE VIEWED THROUGH THE DEPARTMENT'S INTERNET WEBSITE AT [HTTP://WWW.DOT.STATE.AK.US/STWDDDES/DCSTRAFFIC/RESOURCES.SHTML.](http://www.dot.state.ak.us/stwddes/dcstraffic/resources.shtml)]

17 AAC 15.271(d) is amended to read:

(d) The department may [WILL, IN ITS DISCRETION,] require the permittee to restore or replace, at the permittee's [HIS] expense, trees or shrubbery damaged or disturbed during the construction. Any damage to private property must be remedied as directed by the department.

17 AAC 15.271(e) is amended to read:

(e) All excavated material in excess of the quantity required for backfill in a department right-of-way must be hauled by the permittee, at the permittee's [HIS] cost and expense, and stockpiled as specified by the department. All unusable material must be disposed of at the permittee's expense and may not be placed within the limits of a department right-of-way unless approved by the department.

17 AAC 15.271(g) is amended to read:

(g) The department **may** [WILL, IN ITS DISCRETION,] require seeding or sodding of the construction area to prevent soil erosion or to replace the natural vegetative cover. Seeding and sodding operations must comply with the [1981 EDITION OF THE] *Alaska Standard Specifications for Highway Construction*, **adopted by reference in 17 AAC 20.950(1)**, and **with** the special provisions of the utility permit. Any area of right-of-way that is adjacent to private property and **that** [WHICH] has a protective vegetative cover must be fully restored.

17 AAC 15.271(h) is amended to read:

(h) The department will notify the permittee of cleanup and restoration work that has not been satisfactorily performed in accordance with the provisions of the utility permit and will specify a date for completion of the corrective work. The department **may** [WILL, IN ITS DISCRETION,] perform the cleanup and restoration work that has not been completed to the satisfaction of the department by the specified date. The permittee shall reimburse the department for all work done by the department. (Eff. 5/23/82, Register 82; am ____ / ____ / _____, Register ____)

Authority:	AS 02.15.020	AS 19.25.010	AS 19.40.065
	AS 02.15.102	AS 19.25.200	AS 35.05.020
	AS 02.15.106	AS 19.30.051	AS 35.10.210
	AS 19.05.020	AS 19.30.121	AS 35.10.230
	AS 19.05.040		

[**EDITOR'S NOTE:** COPIES OF *ALASKA STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION* - 1981 MAY BE OBTAINED FROM DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STANDARDS AND TECHNICAL SERVICES DIVISION, P.O. BOX 3-1000, JUNEAU, ALASKA 99802.]

17 AAC 15.281(b) is amended to read:

(b) Each permittee shall secure authorization from the department

(1) before performing any maintenance **that** [WHICH] requires excavation, plowing, jacking, boring within, or in areas immediately adjacent to, a department right-of-way; **and**

(2) to perform that maintenance in accordance with the *Alaska Right-of-Way Manual and Alaska Utilities Manual*, adopted by reference in 17 AAC 20.950(6) and (7).

17 AAC 15.281(d) is amended to read:

(d) As part of routine maintenance required under (a) of this section, the permittee shall adjust manholes, valves, pull boxes, and any other object that rises to the surface of any paved surface within the highway right-of-way, as required to meet the **department's** [ALASKA] *Standard Specifications for Highway Construction*, adopted by reference in **17 AAC 20.950(8)** [17 AAC 15.301(d)]. The department may require additional or emergency adjustment if conditions warrant.

(Eff. 5/23/82, Register 82; am 7/15/2009, Register 191; am ____/____/____, Register ____)

Authority: AS 02.15.020 AS 19.25.010 AS 35.10.210

Register _____, _____ 2023

TRANS. AND PUBLIC FACILITIES

AS 02.15.102	AS 19.25.200	AS 35.10.230
AS 02.15.106	AS 19.30.121	AS 44.42.020
AS 19.05.020	AS 19.40.065	AS 44.42.030
AS 19.05.040	AS 35.05.020	

The introductory language of 17 AAC 15.301(a) is amended to read:

(a) Electric power and communication facilities installed within a department **right-of-way** [RIGHTS-OF-WAY] must comply with regulations of other agencies, including

...

17 AAC 15.301(b) is amended to read:

(b) Water line and sanitary sewer facilities installed within a department **right-of-way** [RIGHTS-OF-WAY] must comply with regulations of other agencies, including 18 AAC 72 (**wastewater treatment and disposal** [WASTEWATER TREATMENT AND DISPOSAL]) and 18 AAC 80 (**drinking water** [DRINKING WATER]).

17 AAC 15.301(c) is amended to read:

(c) Pressure pipelines for natural gas, petroleum, steam, or other hazardous materials installed within department **right of way** [RIGHTS-OF-WAY] must comply with regulations and standards enforced by other agencies, including

(1) the provisions of 49 C.F.R. Part 192 (**transportation of natural and other gas by pipeline: minimum federal standards** [TRANSPORTATION OF NATURAL AND

OTHER GAS BY PIPELINE: MINIMUM FEDERAL STANDARDS]) and 49 C.F.R. Part 195 (**transportation of hazardous liquids by pipeline** [TRANSPORTATION OF HAZARDOUS LIQUIDS BY PIPELINE]); and

(2) the provisions of 3 AAC 52.010 - 3 AAC 52.080 (**gas utilities** [GAS UTILITIES]).

17 AAC 15.301(d) is amended to read:

(d) Unless otherwise noted in the special provisions of the utility permit, all utility construction within **a** department **right-of-way** [RIGHTS-OF-WAY] must comply with the following construction standards:

(1) the department's *Alaska Construction Manual*, [AS REVISED AS OF MARCH 13, 2006 AND] adopted by reference **in 17 AAC 20.950(9)**;

(2) the department's *Standard Specifications for Highway Construction*, [2004 EDITION,] adopted by reference **in 17 AAC 20.950(8)**.

17 AAC 15.301(e) is amended to read:

(e) Unless otherwise provided in the special provisions of the utility permit, all utility designs for facilities to be installed within department rights-of-way must comply with the following design standards:

(1) the department's *Alaska Standard **Plans** [DRAWINGS] Manual*, [AS REVISED AS OF OCTOBER 31, 2003, AND] adopted by reference **in 17 AAC 20.950(10)**;

(2) American Association of State Highway and Transportation Officials (AASHTO),

(A) *A Policy on the Accommodation of Utilities Within Freeway Right-of-way*, **5th edition** [, 5TH EDITION], 2005, **adopted by reference** [*adopted by reference*];

(B) *A Guide for Accommodating Utilities Within Highway Right-of-way*, 4th edition, 2005, adopted by reference;

(3) the department's *Alaska Highway Preconstruction Manual*, [AS REVISED AS OF JANUARY 1, 2005, AND] adopted by reference **in 17 AAC 20.950(4)**;

(4) the department's *Alaska Aviation Preconstruction Manual*, [AS REVISED AS OF JANUARY 1, 2005, AND] adopted by reference **in 17 AAC 20.950(5)**.

17 AAC 15.301(g) is amended to read:

(g) Unless otherwise provided in the special provisions of the utility permit, traffic-control devices and procedures must comply with the following codes and standards:

(1) *Alaska Traffic Manual*, [2005, DESCRIBED IN 17 AAC 20.950(1), AND] adopted by reference **in 17 AAC 20.950(1)**;

(2) the department's *Alaska Sign Design Specifications*, [AS REVISED AS OF APRIL 25, 2003 AND] adopted by reference **in 17 AAC 20.950(11)**.

(Eff. 5/23/82, Register 82; am 10/2/87, Register 103; am 2/5/2004, Register 169; am 7/15/2009, Register 191; am ____/____/____, Register ____)

Authority:	AS 02.15.020	AS 19.10.050	AS 35.05.020
	AS 02.15.102	AS 19.25.010	AS 35.10.210
	AS 02.15.106	AS 19.25.200	AS 35.10.230
	AS 19.05.020	AS 19.30.121	AS 44.42.020

AS 19.05.040

AS 19.40.065

AS 44.42.030

AS 19.10.040

Editor's note: [COPIES OF THE *STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION*, ADOPTED BY REFERENCE IN 17 AAC 15.301(d), MAY BE OBTAINED FROM THE DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES, DIVISION OF STATEWIDE DESIGN AND ENGINEERING SERVICES, DESIGN AND CONSTRUCTION STANDARDS SECTION, P.O. BOX 112500, JUNEAU, ALASKA 99811-2500.

COPIES OF THE *ALASKA CONSTRUCTION MANUAL*, *ALASKA DRAWINGS MANUAL*, *ALASKA HIGHWAY PRECONSTRUCTION MANUAL*, *ALASKA AVIATION PRECONSTRUCTION MANUAL*, *ALASKA TRAFFIC MANUAL*, AND *ALASKA SIGN DESIGN SPECIFICATIONS*, ADOPTED BY REFERENCE IN 17 AAC 15.301, ARE AVAILABLE FOR INSPECTION AT THE REGIONAL OFFICES OF THE DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES LOCATED IN JUNEAU, ANCHORAGE, AND FAIRBANKS, ALASKA. THE *ALASKA CONSTRUCTION MANUAL* ALSO MAY BE VIEWED THROUGH THE DEPARTMENT'S INTERNET WEBSITE AT [HTTP://WWW.DOT.STATE.AK.US/STWDDES/DCSCONST/RESOURCES.SHTML](http://WWW.DOT.STATE.AK.US/STWDDES/DCSCONST/RESOURCES.SHTML). THE *HIGHWAY PRECONSTRUCTION MANUAL* AND *ALASKA AVIATION PRECONSTRUCTION MANUAL* MAY BE VIEWED THROUGH THE DEPARTMENT'S INTERNET WEBSITE AT [HTTP://WWW.DOT.STATE.AK.US/STWDDES/DCSPRECON/RESOURCES.SHTML](http://WWW.DOT.STATE.AK.US/STWDDES/DCSPRECON/RESOURCES.SHTML). THE *ALASKA TRAFFIC MANUAL* MAY BE VIEWED THROUGH THE DEPARTMENT'S

INTERNET WEBSITE AT

HTTP://WWW.DOT.STATE.AK.US/STWDDDES/DCSTRAFFIC/RESOURCES.SHTML]

Copies of the material adopted by reference in 17 AAC 15.301(e)(2) may be obtained from the American Association of State Highway and Transportation Officials (AASHTO) [, 444 NORTH CAPITOL STREET, N.W., SUITE 249, WASHINGTON, DC 20001;] through their Internet website address: <https://store.transportation.org/> [HTTP://WWW.TRANSPORTATION.ORG/].

As of Register 151 (October 1999), the regulations attorney made technical revisions under AS 44.62.125(b)(6) to reflect the name change of the Department of Labor to the Department of Labor and Workforce Development made by ch. 58, SLA 1999 and the corresponding title change of the commissioner of labor.

17 AAC 15.481(a) is amended to read:

17 AAC 15.481. Railroad accommodation policy. (a) Grade separation is required for all railroad crossings on controlled-access highways. At-grade railroad crossings on rural highways and roads, and urban highways and streets will normally be allowed. However, the department may [WILL, IN ITS DISCRETION,] require grade separation where warranted by conditions of topography and traffic density.

17 AAC 15.481(e) is amended to read:

(e) The department may [WILL, IN ITS DISCRETION,] require railroad crossing signals that [WHICH] indicate the approach or presence of trains to be installed at those railroad

crossings where there is a need for protection beyond that provided by signs. On multiple-lane highways, **the department may require** cantilever-mounted signals [WILL, IN THE DISCRETION OF THE DEPARTMENT, BE REQUIRED]. For railroad crossings at highway intersections, additional signal-light units may be used to supplement the normal complement of lights. At crossings where multiple train movements may occur simultaneously or at crossings in congested urban areas, **the department may require** the use of gates [WILL, IN THE DISCRETION OF THE DEPARTMENT, BE REQUIRED].

17 AAC 15.481(f) is amended to read:

(f) Supports for post-mounted signal heads at the side of a street with curbs must have a horizontal clearance of not less than two feet from the face of the vertical curb. Where there is no curb, supports for post-mounted signal heads must have a horizontal clearance of not less than two feet from the edge of the shoulder, and must have a minimum clearance of six feet from the edge of the traveled way. Where there is no curb or shoulder, the minimum horizontal clearance must be six feet from the edge of the traveled way. All portions of signals and supports **that** [WHICH] extend over the roadway must have a vertical clearance of not less than 17 feet above the roadway surface.

17 AAC 15.481(h) is amended to read:

(h) All railroad signs and signals must conform to the requirements of the *Alaska Traffic Manual*, [2005, DESCRIBED IN 17 AAC 20.950(1), AND] adopted by reference **in 17 AAC 20.950(1)**, or the special provisions of a railroad permit issued under 17 AAC 15.471 relating to

vertical clearances of signs and signals over highways or other highway-related facilities such as bike paths, pathways, and sidewalks.

17 AAC 15.481(i) is amended to read:

(i) Railroad communication, electric power, pipeline, and drainage facilities installed in a [THE] department right-of-way [RIGHTS-OF-WAY] must be installed in accordance with 17 AAC 15.120 - 17 AAC 15.301. (Eff. 5/23/82, Register 82; am 2/5/2004, Register 169; am 7/15/2009, Register 191; am ____/____/_____, Register ____)

Authority:	AS 19.05.020	AS 19.20.030	AS 19.25.200
	AS 19.05.040	AS 19.20.050	AS 19.30.121
	AS 19.10.040	AS 19.25.010	AS 19.40.065
	AS 19.10.050		

[EDITOR'S NOTE: COPIES OF THE *ALASKA TRAFFIC MANUAL*, ADOPTED BY REFERENCE IN 17 AAC 15.481 ARE AVAILABLE FOR INSPECTION AT REGIONAL OFFICES OF THE DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES LOCATED AT JUNEAU, ANCHORAGE, AND FAIRBANKS, ALASKA. THE *ALASKA TRAFFIC MANUAL* ALSO MAY BE VIEWED THROUGH THE DEPARTMENT'S INTERNET WEBSITE AT [HTTP://WWW.DOT.STATE.AK.US/STWDDDES/DCSTRAFFIC/RESOURCES.SHTML.]

17 AAC 15.551 is amended to read:

17 AAC 15.551. Engineering standards. Railroad facilities installed across or within a department right-of-way must comply with 17 AAC 15.301 and with the following codes and standards:

(1) **standard plans, engineering instructions, and engineering guidelines maintained by the Alaska Railroad Corporation under AS 42.40** [THE AMERICAN RAILWAY ENGINEERING ASSOCIATION

(A) *MANUAL FOR RAILWAY ENGINEERING (FIXED PROPERTIES)*,

1981 – 1982;

(B) *PORTFOLIO OF TRACKWORK PLANS*, 1981 – 1982];

(2) **where not specifically referenced or applicable under (1) of this section, appropriate portions of the *Manual for Railway Engineering (MRE)* of the American Railway Engineering and Maintenance-of-way Association (AREMA), as the Alaska Railroad Corporation determines under AS 42.40** [THE *SIGNAL MANUAL*, 1980, OF THE ASSOCIATION OF AMERICAN RAILROADS, COMMUNICATION AND SIGNAL SECTION];

(3) *Alaska Traffic Manual*, [2005,] Part 8, [DESCRIBED IN 17 AAC 20.950(1), AND] adopted by reference **in 17 AAC 20.950(1)**;

(4) *Federal-Aid Highway Program Manual* (for federal-aid highway projects),

(A) Railroad-Highway Projects, **23 C.F.R. 646.200 - 646.220, revised as of April 1, 2020** [VOL. 6, CH. 6, SEC. 2, SUBSEC. 1, AS REVISED THROUGH 1981];

(B) Railroad-Highway Insurance Protection Required of Contractors,

23 C.F.R. 646.103 - 646.111, revised as of April 1, 2020 [VOL. 6, CH. 6, SEC. 2, SUBSEC. 2, AS REVISED THROUGH 1981];

(C) **Highway-Rail Crossing Handbook, 3rd Edition, revised as of April 1, 2020** [RAILROAD-HIGHWAY GRADE CROSSING SURFACES, VOL. 6, CH. 6, SEC. 2, SUBSEC. 3, AS REVISED THROUGH 1981]. (Eff. 5/23/82, Register 82; am 2/5/2004, Register 169; am 7/15/2009, Register 191; am ____/____/____, Register ____).

Authority:	AS 19.05.020	AS 19.30.121	AS 44.42.020
	AS 19.05.040	AS 19.40.065	AS 44.42.030

Editor's note: Copies of standard plans, engineering instructions, and engineering guidelines maintained by the Alaska Railroad Corporation may be obtained from the corporation's Internet website at <https://www.alaskarailroad.com/real-estate/forms-documents>. Copies of the *Manual for [OF] Railway Engineering [(FIXED PROPERTIES) AND PORTFOLIO OF TRACKWORK PLANS]* may be obtained from the Internet website of the American Railway Engineering **and Maintenance-of-Way** Association **at <https://www.arena.org>** [, 1920 "L" STREET, N.W., WASHINGTON, DC 20036. COPIES OF THE A.A.R. *SIGNAL MANUAL* MAY BE OBTAINED FROM THE ASSOCIATION OF AMERICAN RAILROADS, COMMUNICATIONS AND SIGNALS SECTION, 1920 "L" STREET, N.W., WASHINGTON DC 20036.

COPIES OF THE *ALASKA TRAFFIC MANUAL*, ADOPTED BY REFERENCE IN 17 AAC 15.551, ARE AVAILABLE FOR INSPECTION AT REGIONAL OFFICES OF THE

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES LOCATED AT JUNEAU, ANCHORAGE, AND FAIRBANKS, ALASKA. THE *ALASKA TRAFFIC MANUAL* ALSO MAY BE VIEWED THROUGH THE DEPARTMENT'S INTERNET WEBSITE AT [HTTP://WWW.DOT.STATE.AK.US/STWDDDES/DCSTRAFFIC/RESOURCES.SHTML](http://www.dot.state.ak.us/stwddes/dcstraffic/resources.shtml)].

Copies of the *Federal-Aid Highway Program Manual* are available for inspection at the regional offices of the Department of Transportation and Public Facilities located in Juneau, Anchorage, and Fairbanks, Alaska.

17 AAC 20.012(b) is amended to read:

(b) The owner of a sign, display, or device removed from a highway right-of-way under this section shall pay the department a removal cost of a minimum of \$50 per sign, display, or device or the actual cost of removing the sign, display, or device if the documented costs of removing it are more than \$65. For purposes of this section, the actual cost of removal includes the cost of labor, equipment, tools and supplies, and vehicles used for removal. The cost of labor is \$50 per hour. The cost of tools and supplies, if used, is \$15 per sign, display, or device. The hourly cost of equipment and vehicles is the actual cost, not to exceed the applicable amount set out in the **Rental Rate Blue Book / Cost Recovery - EquipmentWatch** [RENTAL RATE BLUE BOOK FOR CONSTRUCTION, VOL. 1], adopted by reference in **17 AAC 20.950(3)** [17 AAC 20.950].

(c) Within 30 days after removal, if an owner of a sign, display, or device removed from a highway right-of-way under this section pays the actual cost of removal as determined under

(b) of this section, the owner may recover the sign, display, or device. If the owner does not pay the actual cost of removal and recover the sign, display, or device within 30 days after the removal, the department may dispose of the sign, display, or device and initiate civil court proceedings against the owner for the actual cost of removal. (Eff. 3/1/2002, Register 161; am ____/____/____, Register ____)

Authority: AS 19.05.020 AS 19.25.200 AS 44.42.030
AS 19.05.040

17 AAC 20.013(c) is amended to read:

(c) The owner of the land from which the department has removed a sign, display, or device under AS 19.25.150 shall pay the department a removal cost of a minimum of \$50 per sign, display, or device or the actual cost of removing the sign, display, or device if the documented costs of removing it are more than \$65. For purposes of this section, the actual cost of removal includes the cost of labor, equipment, tools and supplies, and vehicles used for removal. The cost of labor is \$50 per hour. The cost of tools and supplies, if used, is \$15 per sign. The hourly cost of equipment and vehicles is the actual cost, not to exceed the applicable amount set out in the **Rental Rate Blue Book / Cost Recovery - EquipmentWatch** [RENTAL RATE BLUE BOOK FOR CONSTRUCTION, VOL. 1], adopted by reference in **17 AAC 20.950(3)** [17 AAC 20.950].

(Eff. 3/1/2002, Register 161; am ____/____/____, Register ____)

Authority: AS 19.05.020 AS 19.25.150 AS 44.42.030
AS 19.05.040

17 AAC 20.015(b) is amended to read:

(b) The traffic control plan prepared under (a)(2) of this section shall be prepared and implemented in accordance with the relevant provisions of the *Alaska Traffic Manual*, adopted by reference in **17 AAC 20.950(1)** [17 AAC 20.950].

(Eff. 3/1/2002, Register 161; am ___/___/___, Register ___)

Authority:	AS 19.05.010	AS 19.05.040	AS 44.42.030
	AS 19.05.020	AS 19.20.060	

17 AAC 20.017(b) is amended to read:

(b) The traffic control plan prepared under (a)(3) of this section shall be prepared and implemented in accordance with the relevant provisions of the *Alaska Traffic Manual*, adopted by reference in **17 AAC 20.950(1)** [17 AAC 20.950].

(Eff. 3/1/2002, Register 161; am ___/___/___, Register ___)

Authority:	AS 19.05.010	AS 19.25.040	AS 44.42.030
	AS 19.05.020		

17 AAC 20.950 is amended to read:

17 AAC 20.950. Materials adopted by reference. For purposes of **17 AAC 10**, **17 AAC 15**, this chapter, **and 17 AAC 60**, the following documents are adopted by reference:

(1) the *Alaska Traffic Manual*, **dated June 16, 2016, as amended through 2022** [2005], consisting of the

(A) *Manual on Uniform Traffic Control Devices*, **2009** [2003], including **Revisions 1 - 3, dated through July 2022** [REVISION NO. 1 DATED NOVEMBER 2004], issued by the United States Department of Transportation, Federal Highway Administration; and

(B) department's *Alaska Traffic Manual Supplement*, dated **June 16, 2016**, **including errata and addenda as of June 2022** [DECEMBER 22, 2005];

(2) the department's publication *Federal Aid Highways: Interstate, Primary, and Secondary Highways of Alaska*, dated **February 2022** [NOVEMBER 1, 2000];

(3) the **Rental Rate Blue Book / Cost Recovery - EquipmentWatch** [RENTAL RATE BLUE BOOK FOR CONSTRUCTION EQUIPMENT, VOL. 1, DATED 2001, PUBLISHED BY INTERTEC PUBLISHING CORPORATION]; the publication in this paragraph is adopted by reference for the sole purpose of determining equipment and vehicle costs for the removal of outdoor advertising located within or outside of highway right-of-way under 17 AAC 20.012 and 17 AAC 20.013;

(4) the department's Alaska Highway Preconstruction Manual, dated September 2, 2022;

(5) the department's Alaska Aviation Preconstruction Manual, dated January 1, 2021;

(6) the department's Alaska Right-of-Way Manual, February 2022 edition;

(7) the department's Alaska Utilities Manual, dated June 17, 2022;

(8) the department's *Standard Specifications for Highway Construction*,

February 2020 edition, as modified through June 1, 2023;

(9) the department's *Alaska Construction Manual*, dated March 10, 2023;

(10) the department's *Alaska Standard Plans Manual*, dated September 15,

2022, as modified through June 1, 2023;

(11) the department's *Alaska Sign Design Specifications*, dated January 23,

2015, revised as of July 1, 2022. (Eff. 3/1/2002, Register 161; am 2/5/2004, Register 169; am

7/15/2009, Register 191; am ____/____/____, Register ____)

Authority: AS 19.05.010 AS 19.05.040 AS 44.42.030

AS 19.05.020 AS 44.42.020

Editor's note: **Permit application forms from** the [THE] **Alaska Right-of-Way**
Manual and Alaska Utilities Manual, [DOCUMENT ENTITLED *FEDERAL AID HIGHWAYS:*
INTERSTATE, PRIMARY, AND SECONDARY HIGHWAYS OF ALASKA] adopted by reference
in 17 AAC 20.950, may be **obtained from** [REVIEWED AT] the **regional** [FOLLOWING]
offices of the Department of Transportation and Public Facilities [:] located at [DIVISION OF
STATEWIDE DESIGN AND ENGINEERING SERVICES, 3132 CHANNEL DRIVE,
JUNEAU, AK 99801-7898; RIGHT-OF-WAY CHIEF, CENTRAL REGION, DIVISION OF
STATEWIDE DESIGN AND ENGINEERING SERVICES] 4111 Aviation Drive, Anchorage,
Alaska **99502** [99519]; [RIGHT-OF-WAY CHIEF, NORTHERN REGION, DIVISION OF
STATEWIDE DESIGN AND ENGINEERING SERVICES] **2301 Peger Road or 2720 Pickett**
Place [2175 SOUTH UNIVERSITY AVE.], Fairbanks, Alaska 99709 [-4910]; and [RIGHT-OF-

WAY CHIEF, SOUTHEAST REGION, DIVISION OF STATEWIDE DESIGN AND ENGINEERING SERVICES,] 6860 Glacier Highway, Juneau, Alaska 99801 [-7999]. **The documents titled *Alaska Right-of-Way Manual* and *Alaska Utilities Manual* may also be viewed at the department's Internet website at <https://dot.alaska.gov/stwddes/dcsrow/>.**

The **documents titled *Alaska Traffic Manual*, *Manual on Uniform Traffic Control Devices*, *Alaska Traffic Manual Supplement*, *Federal Aid Highways: Interstate, Primary, and Secondary Highways of Alaska*, *Alaska Preconstruction Manual*, *Alaska Aviation Preconstruction Manual*, *Standard Specifications for Highway Construction*, *Alaska Construction Manual*, *Alaska Standard Plans Manual*, and *Alaska Sign Design Specifications***, adopted by reference in 17 AAC 20.950, may be viewed at the regional offices of the Department of Transportation and Public Facilities in Anchorage, Fairbanks, and Juneau. [COPIES OF THE *ALASKA TRAFFIC MANUAL SUPPLEMENT* MAY BE OBTAINED BY WRITING THE DIVISION OF STATEWIDE DESIGN AND ENGINEERING SERVICES, DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES, 3132 CHANNEL DRIVE, JUNEAU, AK 99801-7898]. **The *Manual on Uniform Traffic Control Devices* may also be viewed at <https://mutcd.fhwa.dot.gov/>.** The *Alaska Traffic Manual*, ***Alaska Traffic Manual Supplement*, and *Alaska Sign Design Specifications*** also may be viewed through the department's Internet website at **<https://dot.alaska.gov/stwddes/dcstraffic/resources.shtml>** [HTTP://WWW.DOT.STATE.AK.US/STWDDES/DCSTRAFFIC/RESOURCES.SHTML].

The *Alaska Highway Preconstruction Manual* and *Alaska Aviation Preconstruction Manual* may also be viewed through the department's Internet website at <https://dot.alaska.gov/stwddes/dcsprecon/index.shtml>.

The *Standard Specifications for Highway Construction* may also be viewed through the department's Internet website at <https://dot.alaska.gov/stwddes/dcsspecs/index.shtml>.

The *Alaska Construction Manual* may also be viewed through the department's Internet website at <https://dot.alaska.gov/stwddes/dcsconst/index.shtml>.

The *Alaska Standard Plans Manual* may also be viewed through the department's Internet website at <https://dot.alaska.gov/stwddes/dcsprecon/stddwgeng.shtml>. The *EquipmentWatch Rental Rate Blue Book / Cost Recovery*, adopted by reference in 17 AAC 20.950, and published by EquipmentWatch, 6190 Powers Ferry Road, Suite 320, Atlanta, Georgia 30339, may be viewed at <https://equipmentwatch.com/resource-library/product-guides/cost-recovery/>.

[THE RENTAL RATE BLUE BOOK FOR CONSTRUCTION EQUIPMENT, VOL. 1, ADOPTED BY REFERENCE IN 17 AAC 20.950, MAY BE VIEWED AT THE DIVISION OF STATEWIDE DESIGN AND ENGINEERING SERVICES, DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES, 3132 CHANNEL DRIVE, JUNEAU, ALASKA, AND IS PUBLISHED BY THE INTERTEC PUBLISHING CORPORATION, 9800 METCALF AVE., OVERLAND PARK, KANSAS 66212.]

17 AAC 60.915(a) is amended to read:

17 AAC 60.915. Designs and specifications for tourist signs. (a) The documents described in (b) of this section contain the designs and specifications for the placement, manufacture, installation, and maintenance of tourist signs. The department will not issue a tourist sign permit unless the sign may be installed in a manner consistent with the documents

described in (b) of this section. A sign contractor shall manufacture, install, and maintain a **TODS** [TQDS] to meet the designs and specifications contained in the documents **adopted by reference in 17 AAC 20.950(1), (4), (8), (10), and (11)** [DESCRIBED IN (b) OF THIS SECTION].

17 AAC 60.915(b) is repealed:

(b) Repealed ____/____/_____. (Eff. 5/18/97, Register 142; am 3/1/2002, Register 161; am 2/5/2004, Register 169; am 7/15/2009, Register 191; am ____/____/____, Register____)

Authority:	AS 19.05.010	AS 19.05.040	AS 19.25.200
	AS 19.05.020	AS 19.25.105	AS 44.42.030

((Publisher: please delete editor's note following 17 AAC 60.915.)))

17 AAC 81.010 is repealed and readopted to read:

17 AAC 81.010. Relocation assistance. The [FOLLOWING] provisions of 49 C.F.R. Part 24 (uniform relocation assistance and real property acquisition for federal and federally-assisted programs), as revised through **October 1, 2019** [MARCH 15, 1999], are adopted by reference. (Eff. 5/4/2000, Register 154; am ____/____/____, Register ____)

Authority:	AS 34.60.140	AS 44.42.030
-------------------	--------------	--------------