

Rules Repealing Rules and Regulations Governing
the Design, Placement and Maintenance of Traffic
Control Devices and Adopting Chapter 128 of
Title 19, Subtitle 5, Administrative Rules

SUMMARY

1. Rules and Regulations governing the design, placement and maintenance of traffic control devices adopted by the Highway Safety Coordinator, Department of Transportation, State of Hawaii, are repealed.

2. A new Chapter 128 of Title 19, Subtitle 5, Administrative Rules, is adopted.

HAWAII ADMINISTRATIVE RULES
 TITLE 19
 DEPARTMENT OF TRANSPORTATION
 SUBTITLE 5
 MOTOR VEHICLE SAFETY OFFICE
 CHAPTER 128
 DESIGN, PLACEMENT, AND MAINTENANCE
 OF TRAFFIC CONTROL DEVICES

- §19-128-1 Purpose
- §19-128-2 Definitions
- §19-128-3 Traffic control devices inventory
- §19-128-4 Maintenance of traffic control devices
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nonconformity
- §19-128-6 Existing traffic control devices
- §19-128-7 Post-crash redesign, shifting, or removal
of traffic control devices
- §19-128-8 Exchange of traffic engineering information
- §19-128-9 Severability
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Historical note. This chapter is based substantially upon The Rules and Regulations Governing the Design, Placement, and Maintenance of Traffic Control Devices. [Eff: 10/4/69; R AUG 26 1982.]

§19-128-1 Purpose. The proper design, installation, placement, and coordination of traffic control devices on public streets and highways can contribute substantially not only to the efficient movement of traffic, but also to the development of a safer environment on streets and highways.

These rules are designed to insure the application of sound traffic engineering practices and, as far as it is practicable, uniform standards in the development and installation of a coordinated system of traffic control devices in the State. These rules are also designed to provide for continuing programs for the maintenance of traffic control devices, the study of their effectiveness, and the improvement of their design, placement, and use. [Eff: AUG 26 1982.] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-2 Definitions. As used in this chapter, unless the context clearly indicates otherwise:

"County agency" means the county department or agency charged with the responsibility for the design, placement, installation, and maintenance of traffic control devices within a county.

"Director" means the director of transportation or his authorized representative.

"Highways division" means the highways division of the department of transportation of the State of Hawaii.

"Non-conformance" as referred to traffic control devices means not in accord with the general guides and requirements established by the manual and standards referred to in this chapter.

"Offset" means the number of seconds or per cent of the time cycle that the green indication appears at a given traffic control signal after a certain instant used as a time reference base.

"Phase diagram" means a drawing showing each separate phase within a traffic signal cycle.

"Street" or "highway" means the entire width between the boundary lines of every way publicly maintained when any part thereof is open to the use of the public for purposes of vehicular travel.

"System of devices" means the aggregate of all traffic control devices which are adjusted or related to each other so as to control the flow of all traffic at a location or locations and intended or synchronized to function as a unit.

"Traffic control devices" means all traffic signs, pavement markings, and traffic signal lights officially erected or installed, to guide, direct, warn, and otherwise control vehicular and pedestrian movement on public streets and highways.

"Traffic signal cycle" means the time period required for one complete sequence of signal indications.

"Traffic signal cycle split" means a part of the time cycle allocated to any traffic movement or to any combination of traffic movements receiving the right-of-way simultaneously during one or more intervals.
[Eff. AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-3 Traffic control devices inventory. The highways division and each of the four county agencies shall inventory all traffic control devices within their respective jurisdictions. These inventories shall use uniform procedures and shall be designed so that they may be continually updated. These inventories shall include, as a minimum, the following information:

- (1) For traffic signs:
 - (A) Location

- (B) Sign message and type of sign
- (C) Shape, color, and dimensions
- (2) For pavement markings:
 - (A) Location
 - (B) Design, position, and application
 - (C) Condition
- (3) For traffic signals:
 - (A) Location of signals and appurtenances
 - (B) Phase diagrams, traffic signal cycle lengths, traffic signal cycle splits, and offset
- (4) For all traffic control devices:
 - (A) Whether or not the device conforms to the most current editions or revisions of "The Manual on Uniform Traffic Control Devices for Streets and Highways."
 - (B) Whether the device should be replaced, the priority of its replacement, and the deadline for its replacement. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-4 Maintenance of traffic control devices.

The highways division and each county agency shall establish criteria and standards for the inspection, maintenance, and replacement of traffic control devices within their respective jurisdictions; except that all traffic control devices shall be repaired immediately upon report or observation of malfunction or damage. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-5 Installation of traffic control devices; nonconformity. (a) All traffic control devices installed shall conform to the most current editions or revisions of "The Manual on Uniform Traffic Control Devices for Streets and Highways."

(b) The use of traffic control devices not in conformity with the publication specified in subsection (a) of this section shall be permissible where location or other conditions dictate; provided that the essential elements of shape, color, and indication sequence are adhered to.

(c) Deviations from the standards applicable to traffic control devices may be made for the purposes of experimentation directed toward improvement of techniques or design upon the recommendation of the highways division or the appropriate county agency, and upon approval of the director. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-6 Existing traffic control devices. All existing traffic control devices, which make up a system of devices and which are not in conformity with the publication specified in subsection (a) of §19-128-5 may be maintained in such nonconformity until the whole system of which they are a part is replaced. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-7 Post-crash redesign, shifting, or removal of traffic control devices. The highways division and each county agency shall establish procedures for the redesign of, the shifting of, and the removal of traffic control devices within their respective jurisdictions where high crash incidence may be attributable to the design or placement of the traffic control devices. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-8 Exchange of traffic engineering information. The highways division and the county agencies shall establish and maintain procedures for the exchange of traffic engineering information between themselves, and shall actively continue to exchange this information. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-9 Severability. If any section or part of this chapter is held invalid for any reason, the invalidity shall not affect the validity of the remaining sections or parts of this chapter. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-128-10 Repeal. All rules and regulations governing the design, placement, and maintenance of traffic control devices in effect prior to the effective date of this chapter are repealed. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

DEPARTMENT OF TRANSPORTATION

I, RYOKICHI HIGASHIONNA, in my capacity as the Director of Transportation of the State of Hawaii, pursuant to the authority vested in me by law, do hereby adopt the foregoing Chapter 128 of Title 19 which contains rules relating to Design, Placement, and Maintenance of Traffic Control Devices.

The rules in this chapter are being adopted following public hearings held on May 24, 25, 26, and 28, 1982, notice of which was duly published on May 3, 1982 in the Honolulu Advertiser and Honolulu Star-Bulletin, and on May 4, 1982 in the Hawaii Tribune Herald, Maui News and Garden Island News.

These rules shall take effect ten days after filing with the Office of the Lieutenant Governor.

Ryokichi Higashionna
RYOKICHI HIGASHIONNA
Director of Transportation

Date: July 28, 1982

APPROVED:

George R. Ariyoshi
GEORGE R. ARIYOSHI
Governor
State of Hawaii

Date: 8-12-82

APPROVED AS TO FORM:

[Signature]
Deputy Attorney General

REC'D. BY

1982 AUG 16 AM 8 00

LT. GOVERNOR'S OFFICE

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