

Rules Repealing Rules and Regulations Governing  
the Identification and Surveillance of Accident  
Locations and Adopting Chapter 126 of Title 19,  
Subtitle 5, Administrative Rules

SUMMARY

1. Rules and Regulations governing the identification and surveillance of accident locations adopted by the Highway Safety Coordinator, Department of Transportation, State of Hawaii, are repealed.

2. A new Chapter 126 of Title 19, Subtitle 5, Administrative Rules, is adopted.

HAWAII ADMINISTRATIVE RULES  
 TITLE 19  
 DEPARTMENT OF TRANSPORTATION  
 SUBTITLE 5  
 MOTOR VEHICLE SAFETY OFFICE  
 CHAPTER 126  
 IDENTIFICATION AND SURVEILLANCE  
 OF ACCIDENT LOCATIONS

§19-126-1	Purpose
§19-126-2	Definitions
§19-126-3	Reference markers
§19-126-4	Accident reports
§19-126-5	Accident reports; standard forms
§19-126-6	Accident location procedure
§19-126-7	Accident classification
§19-126-8	Collection and rationalization of data
§19-126-9	Coding manual and input forms
§19-126-10	Data processing program
§19-126-11	Summary and accident surveillance reports
§19-126-12	Evaluation of accident data and recommend- ation
§19-126-13	Periodic evaluation and reporting
§19-126-14	Severability
§19-126-15	Repeal

Historical note. This chapter is based substantially upon The Rules and Regulations Governing the Identification and Surveillance of Accident Locations. [Eff: 5/6/68; R AUG 26 1982]

§19-126-1 Purpose. The purpose of this chapter is to establish a system for the detection of high accident locations so that corrective action may be taken to prevent or reduce the dangers at those locations on public highways and streets in the State.

The identification of specific locations or sections of public highways and streets which have high or potentially high accident experience is necessary for establishing priorities for improvement, selective enforcement, and other operational practices that will eliminate or reduce the hazards at the locations so identified. [Eff: AUG 26 1982 ] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-2 Definitions. As used in this chapter, unless the context clearly indicates otherwise:

"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.

"Major traffic accidents" means all motor vehicle accidents which occur on public highways and streets resulting in death, personal injury, or damage to property of \$300 or more. [Eff: AUG 26 1982 ]  
(Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-3 Reference markers. (a) There shall be developed by the highways division, a system of reference markers on all public highways. These markers shall be at intervals of two-tenths of a mile on federal-aid interstate highways, and not more than one mile on other public highways.

(b) In urban areas, or where streets intersect at intervals which will allow the use of the intersections of streets themselves for reference, no reference markers need be installed.

(c) The highways division shall determine, subject to the approval of the United States Department of Transportation, the design of all reference markers. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-4 Accident reports. The police department of each county shall prepare accident reports of all major traffic accidents which occur on public highways or streets in the county. A copy of each report shall be transmitted, at no cost, to the highways division. [Eff: AUG 26 1982] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-5 Accident reports; standard form. The police departments of all counties shall use a standard form for the accident reports which is approved by the director. The form shall include the following information:

- (1) Accident report number
- (2) Accident location
- (3) Year, month, date, day of week, and time of accident
- (4) Sex, age, occupation, and condition of all drivers involved
- (5) Safety equipment installation and use

- (6) Type and identification of all vehicles involved
- (7) Sex, age, and extent of injury of all drivers and passengers
- (8) Sex, age, and extent of injury of all pedestrians
- (9) Emergency medical services provided
- (10) Driver and pedestrian actions
- (11) Human factors, (i.e. inattention, misjudgment, fatigue, alcohol, drugs, illness, medication, etc.)
- (12) Vehicle maneuver
- (13) Vehicle factor, (i.e. tires, brakes, steering, lights, etc.)
- (14) Estimated damage to each vehicle
- (15) Estimated damage to other property involved and type of property
- (16) Light condition
- (17) Weather condition
- (18) Type of road, road defects, road character (i.e., whether level or not, curved or not), road condition (i.e., whether dry or wet), and road composition (i.e., concrete, asphalt, gravel or dirt)
- (19) View obstruction
- (20) Traffic controls
- (21) Driver/pedestrian violations
- (22) Sketch of accident location and synopsis  
[Eff: AUG 26 1982 ] (Auth: HRS §286-8)  
(Imp: HRS §286-8)

§19-126-6 Accident location procedure. The investigating police officers at the scene of the accident shall measure and record the location of the accident. On public highways which have reference markers, the location shall be measured to the nearest reference marker on the highway on which the accident occurred. The direction and distance in feet or tenths of a mile from the reference marker to the accident location shall be recorded. On other public streets and highways, the same procedure shall be followed except that the location shall be measured to the nearest street intersecting the street or highway upon which the accident occurred. Whenever the accident occurs within one hundred feet of an intersection, the names of all of the intersecting streets shall be listed. [Eff: AUG 26 1982 ] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-7 Accident classification. Accidents shall be classified as follows to allow for a rapid study of data:

- (1) Motor vehicle collision with another motor vehicle in traffic.
- (2) Motor vehicle collision with pedestrian.
- (3) Motor vehicle collision with bicycle/moped.
- (4) Motor vehicle collision with parked motor vehicle.
- (5) Motor vehicle collision with animal.
- (6) Motor vehicle collision with fixed and other objects.
- (7) Non-collision accidents. [Eff: AUG 26 1982 ]  
(Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-8 Collection and rationalization of data. The highways division, upon receiving the accident reports from the county police departments, shall reduce the information contained in the reports to data in a form which may be placed in an electronic computer. [Eff: AUG 26 1982 ] (Auth: HRS §286-8)  
(Imp: HRS §286-8)

§286-126-9 Coding manual and input forms. The highways division shall prepare a manual of instructions for the coding and processing of accident data and shall design and produce accident data input forms. [Eff: AUG 26 1982 ] (Auth: §286-8)  
(Imp: HRS §286-8)

§19-126-10 Data processing program. The highways division shall prepare an accident data processing program to provide the following:

- (1) Data with respect to specific traffic accident locations of which rapid environmental analyses can be made.
- (2) General county-wide and statewide traffic accident information. [Eff: AUG 26 1982 ]  
(Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-11 Summary and accident surveillance reports. The highways division shall prepare and publish a general summary of accident data once each year, and accident surveillance reports at least once each year. Copies of the general summary and of the accident surveillance reports shall be transmitted

by the highways division to each county and to the director. [Eff: AUG 26 1982 ] (Auth: HRS §286-8)  
(Imp: HRS §286-8)

§19-126-12 Evaluation of accident data and recommendations. The director shall evaluate the general summary and the accident surveillance reports and make recommendations to the governmental authority having jurisdiction over a public highway or street that certain actions be taken to rectify, through construction, maintenance, or traffic control, conditions which are believed to be causing high accident rates at certain locations. [Eff: AUG 26 1982 ]  
(Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-13 Periodic evaluation and reporting. The accident surveillance and location program shall be periodically evaluated by the director. The director shall provide the National Highway Traffic Safety Administration an evaluation report. [Eff: AUG 26 1982 ] (Auth: HRS §286-8) (Imp: HRS §286-8)

§19-126-14 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)

§19-126-15 Repeal. All rules and regulations governing the identification and surveillance of accident locations 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 126 of Title 19 which contains rules relating to Identification and Surveillance of Accident Locations.

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

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LI. GOVERNOR'S OFFICE