
A BILL FOR AN ACT

RELATING TO TRAFFIC CONTROL.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that an intelligent
2 transportation system applies communications and information
3 technology to provide solutions to congestion and traffic
4 control issues. Such a system uses a variety of field devices
5 in partnership with a traffic control center via a single mode
6 fiber-optic network to effectively alleviate traffic congestion
7 in a geographic area.

8 A traffic control center is a key component of a successful
9 intelligent transportation system. Traffic control centers
10 provide effective, efficient responses to incidents, special
11 events, and roadway construction to ensure the smooth flow of
12 traffic.

13 Traffic cameras employed by traffic control centers provide
14 factual information for appropriate traffic decisions and signal
15 adjustments. In addition, traffic cameras provide valuable
16 information for motorists because they allow the televising of
17 conditions at key intersections across an area. Motorists are



1 able to view conditions at their destination as well as traffic
2 conditions along their route.

3 On Maui, traffic across the island is routinely backlogged
4 during morning and afternoon rush hours as a result of roadway
5 maintenance and improvements, traffic accidents, or special
6 events. Other examples of commuter traffic backlogs occur in
7 areas such as Paia town where Hana highway meets Baldwin avenue,
8 the Piilani highway corridor from Kihei to Wailea, and in
9 Lahaina town where Lahainaluna road meets Honoapiilani highway.
10 A traffic control center for the island of Maui, as part of an
11 overall intelligent transportation system, would inform
12 motorists about traffic conditions, maximize traffic flow, and
13 enhance public safety.

14 The purpose of this Act is to appropriate funds for the
15 development and implementation of an intelligent transportation
16 system architectural plan for Maui, which includes a Maui
17 traffic control center.

18 SECTION 2. There is appropriated out of the state highway
19 fund the sum of \$400,000 or so much thereof as may be necessary
20 for fiscal year 2007-2008 for the development and implementation
21 of an intelligent transportation system architectural plan for
22 Maui, which includes a Maui traffic control center. This



1 project is deemed necessary to qualify for federal aid
2 financing, or reimbursement, or both.

3 The sum appropriated shall be expended by the department of
4 transportation for the purposes of this Act.

5 SECTION 3. This Act shall take effect on July 1, 2007.



H.B. NO. 1605
H.D. 1
S.D. 1
C.D. 1

Report Title:

Intelligent Transportation System; Maui Traffic Control Center

Description:

Appropriates funds for the development and implementation of an intelligent transportation system architectural plan for Maui, which includes a Maui traffic control center. (HB1605 CD1)

