



## RESOLUTION

REQUESTING THE DEPARTMENT OF TRANSPORTATION SERVICES TO STUDY THE FEASIBILITY OF USING DIGITAL, SOLAR-POWERED DRIVER FEEDBACK SIGNS TO COMBAT SPEEDING.

WHEREAS, speeding remains a significant problem that impacts motorists, pedestrians, and cyclists, and far too often results in fatalities, injuries and property damage; and

WHEREAS, current attempts to slow motorists and improve safety conditions, which often entail direct law enforcement efforts, are costly and ineffective in the absence of law enforcement vehicles and officers; and

WHEREAS, driver feedback signs such as those shown on page 3 of this Resolution have been shown in studies to be an effective and cost-efficient method of reducing motor vehicle speed and thus, the numbers and severity of collisions (e.g. [http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_w124.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_w124.pdf) and <http://www.ite.org/traffic/documents/AB04H1501.pdf>); and

WHEREAS, driver feedback signs have virtually no disadvantages and provide lasting results. Other measures, like speed bumps and curb adjustments (bump outs, lane narrowing, etc), often pose problems to larger vehicles like school buses and fire engines, and usually come with high costs. Dynamic radar signs, on the other hand, have no negative impact on traffic lanes, do not require a constant and costly law enforcement presence, and prompt drivers to voluntarily adjust their speeds to match posted limits; and

WHEREAS, driver feedback signs are relatively inexpensive and can be outfitted with solar panels to lower operating and maintenance costs even further; and

WHEREAS, the Hawaii Island County has implemented a speed reduction program that utilizes driver feedback signs, which according to the county's 2010 Traffic Safety Report, is intended to address excessive speed in accident-prone areas, including school zones, pedestrian crossings, and intersections and driveways with limited sight distance; and

WHEREAS, the Hawaii Island County is pleased with the initial results of its program and has recently purchased two new driver feedback signs equipped with solar panels to be installed on roadways near Hilo Medical Center at a total cost of \$19,870; and





**RESOLUTION**



Driver Feedback Sign mounted with speed limit sign.



Driver Feedback Sign with solar panel on Kupuna Street in Kona, Hawaii.

CITY COUNCIL  
CITY AND COUNTY OF HONOLULU  
HONOLULU, HAWAII  
CERTIFICATE

**RESOLUTION 13-243**

Introduced: 10/08/13 By: JOEY MANAHAN

Committee: TRANSPORTATION

Title: RESOLUTION REQUESTING THE DEPARTMENT OF TRANSPORTATION SERVICES TO STUDY THE  
FEASIBILITY OF USING DIGITAL, SOLAR-POWERED DRIVER FEEDBACK SIGNS TO COMBAT SPEEDING.

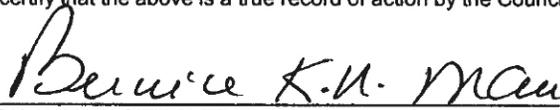
Voting Legend: \* = Aye w/Reservations

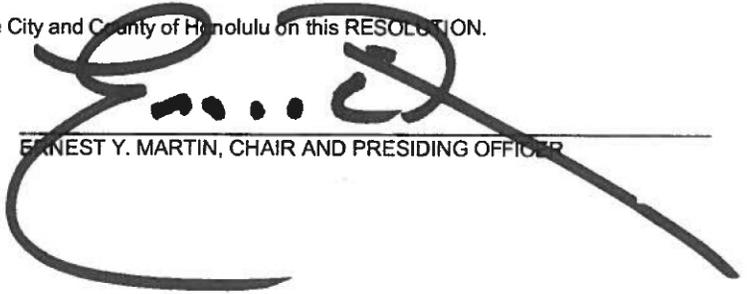
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11/21/13	TRANSPORTATION	CR-380 – RESOLUTION REPORTED OUT OF COMMITTEE FOR ADOPTION.
12/11/13	COUNCIL	CR-380 AND RESOLUTION 13-243 WERE ADOPTED. 9 AYES: ANDERSON, CHANG, FUKUNAGA, HARIMOTO, KOBAYASHI, MANAHAN, MARTIN, MENOR, PINE.

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I hereby certify that the above is a true record of action by the Council of the City and County of Honolulu on this RESOLUTION.

  
BERNICE K. N. MAU, CITY CLERK

  
ERNEST Y. MARTIN, CHAIR AND PRESIDING OFFICER