



RESOLUTION

URGING THE HAWAII STATE DEPARTMENT OF TRANSPORTATION TO ADDRESS THE INCREASING WESTBOUND TRAFFIC CONGESTION ON THE H-1 FREEWAY FROM AINAKOA AVENUE TO THE VINEYARD EXIT.

WHEREAS, traffic congestion during peak traffic hours is a long-recognized problem along the east-west corridor between West Oahu and East Oahu; and

WHEREAS, according to the, Hawaii State Department of Business, Economic Development and Tourism's 2016 State of Hawaii Data Book ("State Data Book"), greater roadway congestion for the Honolulu urbanized area from 2011 to 2014, has resulted in:

- (1) An increase in the annual excess fuel consumed of 4.7 percent (from 13,478,000 gallons in 2011 to 14,118,000 gallons in 2014), which represents the increased fuel consumption due to travel in congested conditions rather than free-flow conditions; and
- (2) An associated increase of 4.7 percent (from 26,417,000 person hours in 2011 to 27,672,000 person hours in 2014), in the annual delay for Oahu motorists, which is measured by the total travel time above that needed to complete a trip at free-flow speeds; and

WHEREAS, over the years, the Hawaii State Department of Transportation has attempted to mitigate peak hour traffic congestion on Oahu's east-west freeways in certain areas, including taking the following actions: 1) launching the eastbound Zipper Lane in 1998, which provided a separated, additional lane of travel during the morning peak hours between Exit 7 near the Manager's Drive overpass to the Keehi interchange; 2) adding a second lane to the eastbound Zipper Lane in 2016 by moving the movable concrete barriers laterally a few feet and restriping portions of the westbound lanes; and 3) this year adding a westbound lane on Moanalua Freeway from the Halawa Interchange in Red Hill to the Aiea Heights Drive overpass by adjusting the width of freeway lanes, moving a barricade, and restriping; and

WHEREAS, the State Data Book also notes that the average daily traffic on Kalaniana'ole Highway east of Ainakoa Avenue increased by 2.3 percent from 2014 to 2016 (from an average of 82,000 vehicles per day to 83,900 vehicles per day); and



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WHEREAS, although the State of Hawaii ("State") has implemented a high occupancy vehicle ("HOV") contraflow lane on Kalaniana'ole Highway during the peak morning traffic hours between 5:00 a.m. to 8:30 a.m., the HOV contraflow lane, which begins at West Halemaumau Street in Niu Valley, abruptly ends at Ainakoa Avenue, forcing vehicles in the HOV contraflow lane to merge with other vehicles on the H-1 Freeway westbound; and

WHEREAS, ending the HOV contraflow lane at Ainakoa Avenue effectively pushes the congestion bottleneck from Kalaniana'ole Highway to the H-1 Freeway, creating increased delays from Ainakoa Avenue to the Vineyard Exit, where a significant number of westbound vehicles exit into the downtown urban core area; and

WHEREAS, it is likely that without mitigation, the westbound congestion on the H-1 Freeway between Ainakoa Avenue and the Vineyard Exit during the westbound morning peak hours will continue to increase, along with fuel consumption and motorist delay; and

WHEREAS, no significant traffic mitigation measures have been taken to assist westbound East Honolulu residents since the implementation of contraflow lanes on the Kalaniana'ole Highway in 1975, and these residents are deserving of improved traffic conditions; and

WHEREAS, the City Council finds that State mitigation efforts to address traffic congestion in other areas of Oahu during peak traffic hours have proved to be effective; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that it urges the Hawaii State Department of Transportation to address the increasing westbound traffic congestion from Ainakoa Avenue to the H-1 Freeway's Vineyard Exit; and

BE IT FURTHER RESOLVED that the Council of the City and County of Honolulu urges the Hawaii State Department of Transportation to consider either: 1) adding a fourth lane to the H-1 Freeway between Ainakoa Avenue and the Vineyard Exit by adjusting the width of freeway lanes, moving barricades if necessary, and restriping; or 2) installing a new westbound zipper lane beginning at Ainakoa Avenue and ending near the Vineyard Exit; and



CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

No. 17-257

RESOLUTION

BE IT FINALLY RESOLVED that a copy of this resolution will be transmitted to the Governor and the Director of the Hawaii State Department of Transportation.

INTRODUCED BY

[Handwritten Signature]

DATE OF INTRODUCTION:

SEP 21 2017

Honolulu, Hawaii

Councilmembers

CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII
CERTIFICATE

RESOLUTION 17-257

Introduced: 09/21/17 By: TREVOR OZAWA

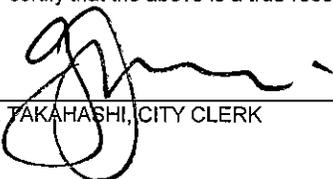
Committee: BUSINESS, ECONOMIC
DEVELOPMENT AND
TOURISM

Title: RESOLUTION URGING THE HAWAII STATE DEPARTMENT OF TRANSPORTATION TO ADDRESS THE INCREASING WESTBOUND TRAFFIC CONGESTION ON THE H-1 FREEWAY FROM AINAKOA AVENUE TO THE VINEYARD EXIT.

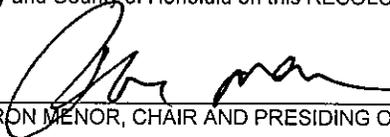
Voting Legend: * = Aye w/Reservations

09/22/17		CC-318 OZAWA - RE-REFERRAL OF RESOLUTION FROM COMMITTEE ON TRANSPORTATION AND PLANNING TO COMMITTEE ON BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.
09/28/17	BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM	CR-370 - RESOLUTION REPORTED OUT OF COMMITTEE FOR ADOPTION.
10/11/17	COUNCIL	CR-370 AND RESOLUTION 17-257 WERE ADOPTED. 7 AYES: ANDERSON, ELEFANTE, FUKUNAGA, MARTIN, MENOR, OZAWA, PINE. 2 ABSENT: KOBAYASHI, MANAHAN.

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.



GLEN I. TAKAHASHI, CITY CLERK



RON MENOR, CHAIR AND PRESIDING OFFICER