



TESTIMONY BY:

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

April 12, 2022

3:00 P.M.

State Capitol, Conference Room 224/Teleconference

G.M. 838

Submitting for consideration and confirmation to the State Highway Safety Council, Gubernatorial Nominee, DAVID MA, for a term to expire 06-30-2025.

Senate Committee on Transportation

The Department of Transportation (DOT) **supports** the nomination of David Ma to the State Highway Safety Council (SHSC).

Chapter 286-5, Hawaii Revised Statutes, establishes the SHSC which advises the Governor on matters relating to the programs and activities of the state in the field of highway safety. The state has adjusted the makeup of the committee from a group that was primarily government officials and safety advocates, to one that includes cross sections of all users of the highway system in our community. We believe the Gubernatorial Nominees will bring knowledge, experience and passion that will add tremendously to a council that will advise the department on eliminating roadway fatalities while modernizing the system to meet the current and future needs of our state.

David Ma is a Civil and Environmental Engineering professor at the University of Hawaii at Manoa. Mr. Ma's areas of specialty include Blue Energy, Energy Harvesting, Nanogenerators, Micro-/Nano- Systems, Interfacial Phenomena, Structural Health Monitoring and Linear and Nonlinear Systems Identification. David has worked with Hawaii DOT on a number of projects including Traffic Signal Upgrades to adaptive signal technology on Nimitz Highway and Ala Moana Blvd, Connected and Autonomous Vehicle pilots for Manoa and Kapolei, and vulnerability studies of our shoreline roadways.

Mr. Ma would provide the SHSC with insight to the complexities surrounding transportation, environmental impact, and foresight into addressing roadway issues from a comprehensive engineering and high technology perspective. Mr. Ma's experience with policy, environmental and collision publications could help guide the

SHSC's understanding of current and relevant research that should influence future highway safety efforts.

The DOT respectfully requests that this Committee confirm David Ma to the SHSC, whose members serve without compensation.

Thank you for the opportunity to provide testimony.

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LATE

RICK BLANGIARDI
MAYOR



J. ROGER MORTON
DIRECTOR

JON Y. NOUCHI
DEPUTY DIRECTOR

TESTIMONY TO THE
SENATE COMMITTEE ON TRANSPORTATION (TRS)

APRIL 12, 2022

IN SUPPORT OF
GM 838 - Submitting for consideration and confirmation to the State Highway
Safety Council, Gubernatorial Nominee DAVID MA,
term to expire 6-30-2025

The City and County of Honolulu Department of Transportation Services (DTS) supports the appointment of Mr. David Ma to the State Highway Safety Council.

Safety for all users of roads and highways is paramount. DTS is responsible for promoting the safe, efficient, and effective use and operation of the City's streets, administering the City's bikeway, pedestrian and traffic safety education programs, and implementing Honolulu's Complete Streets and Vision Zero programs. The work of the State Highway Safety Council is aligned with the DTS mission and objectives related to traffic safety.

Mr. Ma is the Associate Dean of the College of Engineering at the University of Hawaii at Manoa. He is a civil and environmental engineer, and his recent work involves coordination with the Hawaii Department of Transportation and DTS on implementation of the interconnected traffic control system innovations on the Nimitz Highway/Ala Moana Boulevard corridor. Mr. Ma is also the chair of the Hawaii Autonomous Vehicle Institute, an organization that is dedicated to the safe deployment of autonomous vehicles in Hawaii. Mr. Ma's experience and research related to safety and connected autonomous vehicles will be a valuable addition to this council to ensure the proposed safety solutions are practical and oriented to new technologies.

Thank you for consideration of this measure and for the opportunity to provide this testimony.



Heather Cutler, President
Dave Rolf, Executive Director

Written Testimony by
David H. Rolf, Executive Director, Hawaii Automobile Dealers Association

for the
Committee on Transportation
Tuesday, April 12, 2022
Time 3 p.m.
State Capitol, via Videoconference
providing testimony **in support of GM838**

**SUBMITTING FOR CONSIDERATION AND CONFIRMATION TO THE STATE HIGHWAY SAFETY COUNCIL,
GUBERNATORIAL NOMINEE, DAVID MA FOR A TERM TO EXPIRE 6-30-2025**

Chair Lee, Vice Chair Inouye and members of the committee:

HADA's dealers are in strong support of GM838 which proposes consideration and confirmation to the State Highway Safety Council, Gubernatorial Nominee David Ma for a term to expire 6-30-2025.

David T. Ma, Ph.D, is a professor of Civil and Environmental Engineering in the College of Engineering at the University of Hawaii at Manoa, and is skilled at sharing insights on technical issues relating to highway safety that will be helpful to the members of the Council.

Highway safety issues surrounding autonomous vehicles on Hawaii's highways in coming years will be require specialized knowledge. Professor Ma brings his imminent credentials to the table in this emerging technology.

On a personal note, I have had the privilege of serving with Professor Ma on the Hawaii Autonomous Vehicle Institute (HAVI) board of directors, whose mission is to help in the safe introduction of automated vehicles (AVs) to the state of Hawaii by addressing all aspects of automated vehicles, including AV technology and sensors, the social impact of AV adoption, the economic

impact of the move toward automated transportation systems, and the legislative and governmental oversight required for the safe and efficient use of automated vehicle technology.

It is a pleasure and a privilege to provide the Hawaii Automobile Dealers Association's strong support for the confirmation of David Ma to the Hawaii State Highway Safety Council for a term to expire 6-30-2025

68 new car dealerships, 4,383 direct jobs, \$5.8 billion total sales, \$269 million State Gross Excise Taxes paid