H.R. NO. **51**

HOUSE RESOLUTION

URGING THE HAWAII DEPARTMENT OF TRANSPORTATION AND THE CITY AND
COUNTY OF HONOLULU TO UTILIZE ARTIFICIAL INTELLIGENCE TO
MITIGATE TRAFFIC AND IMPROVE ROAD SAFETY IN THE STATE.

1 　　　WHEREAS, Hawaii reported a total of 129 traffic fatalities
2 in 2025 equating to a twenty percent increase from the previous
3 year; and
4
5 　　　WHEREAS, this alarming figure represents the deadliest year
6 in the State since 2007; and
7
8 　　　WHEREAS, it was reported that eighty-two traffic deaths
9 occurred on the island of Oahu alone; and
10
11 　　　WHEREAS, Hawaii ranks in the top twenty most congested
12 states in the nation; and
13
14 　　　WHEREAS, according to the 2025 Global Traffic Scorecard
15 created by INRIX, the average U.S driver loses forty-nine hours
16 in traffic congestion annually, which is a six hour increase
17 from last year's report; and
18
19 　　　WHEREAS, according to the INRIX's report, those hours lost
20 sitting in traffic amount to nearly $894 annually per driver
21 that could otherwise be productive and/or leisure time that has
22 now been wasted behind the wheel; and
23
24 　　　WHEREAS, states should continuously seek to upgrade
25 hardware platforms that can better support traffic systems,
26 including venturing into the use of artificial intelligence
27 (AI); and
28
29 　　　WHEREAS, AI traffic management systems are developed to
30 integrate with current traffic systems to modernize operations;
31 and

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1
2   WHEREAS, an AI-powered traffic system uses real-time data
3 to optimize timing, reduce congestion, and improve road safety;
4 and
5
6   WHEREAS, other states such as California, Florida, Texas,
7 and Pennsylvania are leveraging the use of AI to improve road
8 safety and traffic management; and
9
10   WHEREAS, the University of Hawaii at Manoa earned a
11 $750,000 award from the United States Department of
12 Transportation (USDOT) for the development of an advanced AI
13 system to determine traffic patterns; and
14
15   WHEREAS, implementing these new technologies in the State
16 is feasible and can yield successful outcomes; now, therefore,
17
18   BE IT RESOLVED by the House of Representatives of the
19 Thirty-third Legislature of the State of Hawaii, Regular Session
20 of 2026, the Hawaii Department of Transportation and the
21 Department of Transportation Services for the City and County of
22 Honolulu is urged to consider implementing new and innovative
23 artificial intelligence technologies into its current
24 infrastructure to mitigate traffic and increase road safety; and
25
26   BE IT FURTHER RESOLVED that the Hawaii Department of
27 Transportation and the Department of Transportation Services for
28 the City and County of Honolulu is requested to submit a report
29 on the use of current traffic technologies and assess the
30 feasibility of integrating artificial intelligence technologies
31 into the current traffic technology infrastructure; and
32
33   BE IT FURTHER RESOLVED that certified copies of this
34 Resolution be transmitted to the Director of the Hawaii
35 Department of Transportation and the Director of the Department
36 of Transportation Services for the City and County of Honolulu.
37
38
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OFFERED BY: _____

MAR 1 2 2026