H.C.R. NO. 95

HOUSE CONCURRENT 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
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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

1   WHEREAS, AI traffic management systems are developed to
2 integrate with current traffic systems to modernize operations;
3 and
4
5   WHEREAS, an AI-powered traffic system uses real-time data
6 to optimize timing, reduce congestion, and improve road safety;
7 and
8
9   WHEREAS, other states such as California, Florida, Texas,
10 and Pennsylvania are leveraging the use of AI to improve road
11 safety and traffic management; and
12
13   WHEREAS, the University of Hawaii at Manoa earned a
14 $750,000 award from the United States Department of
15 Transportation (USDOT) for the development of an advanced AI
16 system to determine traffic patterns; and
17
18   WHEREAS, implementing these new technologies in the State
19 is feasible and can yield successful outcomes; now, therefore,
20
21   BE IT RESOLVED by the House of Representatives of the
22 Thirty-third Legislature of the State of Hawaii, Regular Session
23 of 2026, the Senate concurring, the Hawaii Department of
24 Transportation and the Department of Transportation Services for
25 the City and County of Honolulu is urged to consider
26 implementing new and innovative artificial intelligence
27 technologies into its current infrastructure to mitigate traffic
28 and increase road safety; and
29
30   BE IT FURTHER RESOLVED that the Hawaii Department of
31 Transportation and the Department of Transportation Services for
32 the City and County of Honolulu is requested to submit a report
33 on the use of current traffic technologies and assess the
34 feasibility of integrating artificial intelligence technologies
35 into the current traffic technology infrastructure; and
36
37   BE IT FURTHER RESOLVED that certified copies of this
38 Concurrent Resolution be transmitted to the Director of the
39 Hawaii Department of Transportation and the Director of the
40 Department of Transportation Services for the City and County of
41 Honolulu.
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H.C.R. NO. 55

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OFFERED BY: _____

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