
HOUSE CONCURRENT RESOLUTION

URGING THE DEPARTMENT OF TRANSPORTATION AND DEPARTMENT OF
TRANSPORTATION SERVICES OF 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 one hundred twenty-nine
2 traffic fatalities in 2025 equating to a twenty percent increase
3 from the previous year; and

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5 WHEREAS, this alarming figure represents the deadliest year
6 in the State since 2007; and

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8 WHEREAS, it was reported that eighty-two traffic deaths
9 occurred on the island of Oahu alone; and

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11 WHEREAS, Hawaii ranks in the top twenty most congested
12 states in the nation; and

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14 WHEREAS, according to the 2025 Global Traffic Scorecard
15 created by INRIX, the average American driver loses forty-nine
16 hours in traffic congestion annually, which is a six hour
17 increase from the previous year's report; and

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19 WHEREAS, according to INRIX's report, those hours lost
20 sitting in traffic amount to nearly \$894 annually per driver
21 that could otherwise be productive, including leisure time that
22 has been wasted behind the wheel; and

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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



1 WHEREAS, AI traffic management systems are developed to
2 integrate with current traffic systems to modernize operations;
3 and

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5 WHEREAS, an AI-powered traffic system uses real-time data
6 to optimize timing, reduce congestion, and improve road safety;
7 and

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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

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13 WHEREAS, the University of Hawaii at Manoa earned a
14 \$750,000 award from the United States Department of
15 Transportation for the development of an advanced AI system to
16 determine traffic patterns; and

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18 WHEREAS, implementing these new technologies in the State
19 is feasible and can yield successful outcomes; now, therefore,

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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, that the Department of
24 Transportation and Department of Transportation Services of the
25 City and County of Honolulu are urged to consider implementing
26 new and innovative artificial intelligence technologies into its
27 current infrastructure to mitigate traffic and increase road
28 safety; and

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30 BE IT FURTHER RESOLVED that the Department of
31 Transportation and Department of Transportation Services of the
32 City and County of Honolulu are requested to submit a report on
33 the use of existing traffic technologies in other jurisdictions
34 and assess the feasibility of integrating artificial
35 intelligence technologies into the existing traffic technology
36 infrastructure to the Legislature no later than twenty days
37 prior to the convening of the Regular Session of 2027; and

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39 BE IT FURTHER RESOLVED that certified copies of this
40 Concurrent Resolution be transmitted to the Director of
41 Transportation and Director of the Department of Transportation
42 Services of the City and County of Honolulu.

