
HOUSE 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
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29 WHEREAS, AI traffic management systems are developed to
30 integrate with current traffic systems to modernize operations;
31 and



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2 WHEREAS, an AI-powered traffic system uses real-time data
3 to optimize timing, reduce congestion, and improve road safety;
4 and

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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

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10 WHEREAS, the University of Hawaii at Manoa earned a
11 \$750,000 award from the United States Department of
12 Transportation for the development of an advanced AI system to
13 determine traffic patterns; and

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

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

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

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35 BE IT FURTHER RESOLVED that certified copies of this
36 Resolution be transmitted to the Director of Transportation and
37 Director of the Department of Transportation Services of the
38 City and County of Honolulu.

