
HOUSE RESOLUTION

URGING THE DEPARTMENT OF TRANSPORTATION TO REVIEW AND REPORT ON
POLICIES RELATING TO THE USE OF DRIVERLESS VEHICLES IN
HAWAII.

1 WHEREAS, according to the National Highway Traffic Safety
2 Administration, about 40,000 deaths occur each year on America's
3 highways; and
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5 WHEREAS, the Google research team has developed a
6 driverless car to help improve highway safety by limiting human
7 error; and
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9 WHEREAS, in road tests of an autonomous vehicle conducted
10 by Google, not a single accident occurred in more than 100,000
11 miles of driving; and
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13 WHEREAS, there have only been two accidents since 2010
14 involving Google's driverless cars; and both of those mishaps
15 were caused by human error when the Google car was rear-ended;
16 and
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18 WHEREAS, Google's autonomous cars safely navigate roads
19 through the use of artificial intelligence software, global
20 positioning systems and sensors; and
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22 WHEREAS, driverless cars have many advantages over human-
23 driven vehicles, including the fact that machines do not become
24 tired, angry or distracted, and can be aware of more variables
25 that occur on the road; and
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27 WHEREAS, autonomous cars can be built lighter than
28 traditional vehicles, thus increasing fuel efficiency; and
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30 WHEREAS, autonomous cars can be driver closer together than
31 traditional vehicles, resulting in less congested roads; and



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 2 WHEREAS, Nevada passed a law to allow Google to test its
 3 driverless cars in the state and address legal issues that may
 4 arise when no human driver is behind the wheel of a motor
 5 vehicle; and
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7 WHEREAS, Hawaii should following Nevada's lead and adopt
 8 policies to allow the use of driverless cars that would result
 9 in greater fuel efficiency, safer traffic conditions and less
 10 congested roads; now, therefore,
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12 BE IT RESOLVED by the House of Representatives of the
 13 Twenty-sixth Legislature of the State of Hawaii, Regular Session
 14 of 2012, that the Department of Transportation is requested to
 15 review its by-laws and policies, applicable administrative rules
 16 and statutes, as well as any internal practices and procedures,
 17 that could relate to driverless cars; and
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19 BE IT FURTHER RESOLVED that following such review, the
 20 Department of Transportation shall report to the Legislature
 21 prior to the Regular Session of 2013 on the findings of their
 22 review and offer suggestions for legislation that would allow
 23 the use of driverless cars in Hawaii; and
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25 BE IT FURTHER RESOLVED that certified copies of this
 26 Resolution be transmitted to the governor of the State of
 27 Hawaii, the director of the Department of Transportation, and
 28 Google Inc.
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Karen Aurora
Ricki Abovella

OFFERED BY:

Joe Alford

Paul

[Signature]

Blake

Linda Ichizama
Andy Evans

John Frank
Mary Stea

John M. Meyer

[Signature]
[Signature]



Hunter H. Gi
Barbara Maramba