
HOUSE RESOLUTION

URGING THE CITY AND COUNTY OF HONOLULU TO CONDUCT A ONE YEAR
PILOT PROGRAM THAT USES CONCRETE FOR REPAIRING KAMEHAMEHA
IV ROAD AND KALIHI STREET RATHER THAN ASPHALT.

1 WHEREAS, for many years Honolulu's roadways have been
2 plagued with potholes and in a constant state of disrepair; and
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4 WHEREAS, an audit of the City and County of Honolulu's Road
5 Maintenance Division (Division) conducted in 2005 concluded that
6 problems inside the Division and political influence from
7 outside the Division resulted in years of inefficient planning
8 and work, which in turn contributed to the poor road conditions
9 currently faced by the City and County of Honolulu; and
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11 WHEREAS, the 2005 audit further concluded that the Division
12 routinely failed to follow good industry practices, complying
13 with only two of the 24 best practices identified in road
14 maintenance agencies across the nation; and
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16 WHEREAS, it was further found that the Division had no
17 comprehensive plan that prioritized road repairs and often
18 relied on citizen complaints, political pressure, or "gut
19 feelings" when determining which roads to give the most
20 attention to; and
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22 WHEREAS, potholes, a common occurrence around Oahu
23 particularly during heavy rainfalls, were an especially
24 troublesome problem for the Division because the Division had no
25 clear work standards for repairing potholes, failed to follow
26 any rules the Division did have regarding potholes, thereby
27 resulting in a "quantity over quality" approach to pothole
28 repair; and



1 WHEREAS, in February of 2005, Division crews filled
2 approximately 6,300 potholes around Oahu in a planned "War on
3 Potholes" program which attempted to provide temporary quick
4 fixes to roadways to reduce the wear and tear on vehicles using
5 the roads, which contributed to over \$53,000 being spent by the
6 City and County of Honolulu to settle pothole damage complaints
7 in 2003-2004; and

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9 WHEREAS, it is estimated that the City and County of
10 Honolulu has approximately 3,400 miles of roadway under its
11 jurisdiction and that about 645 of those lane miles are in need
12 of major roadwork, with estimates for repairing a large portion
13 of Oahu's pothole ridden roads reaching \$70,000,000; and

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15 WHEREAS, concrete roads have an estimated life of 40 years
16 or more, compared to ten years for bituminous ones and often
17 require little or no maintenance, while bituminous ones need
18 frequent repairs due to damage by traffic and weather; and

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20 WHEREAS, concrete pads have been used by the City and
21 County of Honolulu in areas heavily used by city buses since
22 concrete paving is rigid and does not deflect under very heavy
23 loads, thus contributing to the longevity of the roadway; now,
24 therefore,

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26 BE IT RESOLVED by the House of Representatives of the
27 Twenty-fourth Legislature of the State of Hawaii, Regular
28 Session of 2008, that the City and County of Honolulu is urged
29 to develop and implement a one year pilot project for repairing
30 Kalihi Street and Kamehameha IV Road using concrete rather than
31 bituminous materials; and

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33 BE IT FURTHER RESOLVED the City and County of Honolulu is
34 further urged to complete a cost benefit analysis of the pilot
35 project to determine the feasibility of expanding the use of
36 concrete to repair all of Oahu's roadways; and

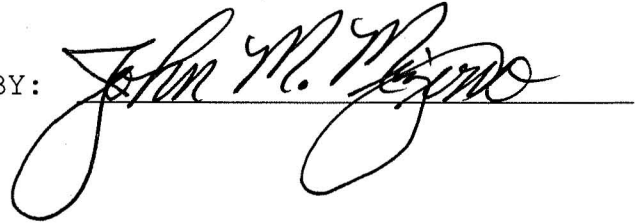
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38 BE IT FURTHER RESOLVED a final report, and any proposed
39 legislation, be transmitted by the City and County of Honolulu
40 to the Legislature no later than 20 days prior to the convening
41 of the Regular Session of 2009; and



1 BE IT FURTHER RESOLVED that certified copies of this
2 Resolution be transmitted to the Mayor of the City and County of
3 Honolulu, members of the Honolulu City Council, and the Director
4 of the Department of Transportation Services of the City and
5 County of Honolulu.

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OFFERED BY:

A handwritten signature in black ink, appearing to read "John M. Burns", is written over a horizontal line. The signature is cursive and stylized.

JAN 15 2008

