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## HOUSE CONCURRENT RESOLUTION

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REQUESTING THE DEPARTMENT OF TRANSPORTATION TO INVESTIGATE THE  
FEASIBILITY AND CONDUCT A COST-BENEFIT ANALYSIS OF PAVING  
ROADWAYS IN HAWAII WITH RUBBERIZED ASPHALT CONCRETE.

1 WHEREAS, over eight thousand tons of used tires are  
2 collected in Hawaii each year, many of which are not properly  
3 disposed of, creating health hazards and unsightly dumpsites;  
4 and  
5

6 WHEREAS, used tires that are properly disposed of are  
7 either discarded in landfills or burned for electricity  
8 generation, which releases harmful pollutants and greenhouse  
9 gases that cause climate change; and  
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11 WHEREAS, as an environmentally friendly alternative, used  
12 tires may be recycled and used in the manufacture of rubberized  
13 asphalt concrete, which can be used as a substitute for  
14 traditional pavement; and  
15

16 WHEREAS, recovering and recycling used tires in this way  
17 gives a second life to the raw materials and natural resources  
18 used in its manufacture; and  
19

20 WHEREAS, roads constructed using rubberized asphalt  
21 concrete benefit from a significant reduction in traffic noise,  
22 increased resistance to rutting, fatigue, and reflective  
23 cracking, as well as increased skid resistance and visibility;  
24 and  
25

26 WHEREAS, the increased resistance of rubberized asphalt  
27 concrete compared to traditional building materials results in a  
28 longer life span for roads, which can offset the initial costs  
29 of its construction; and  
30



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1 WHEREAS, other states have already begun to benefit from  
2 the use of rubberized asphalt concrete; and  
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4 WHEREAS, for example, California recycles seventy-five  
5 percent of the seventy million tires that are disposed of each  
6 year by using them to manufacture rubberized asphalt concrete;  
7 and  
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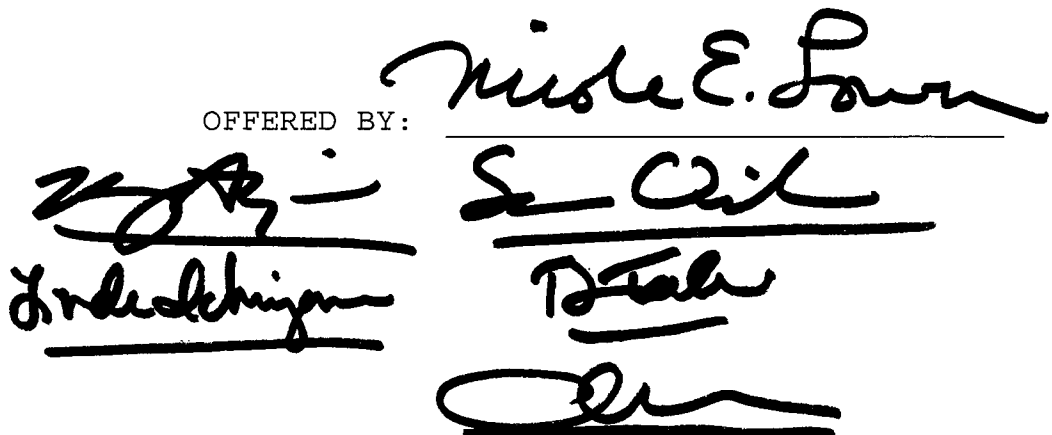
9 WHEREAS, converting used tires into rubberized asphalt  
10 concrete for use in the State's roads will derive value from  
11 used tires, provide a better incentive for the people of the  
12 State to recycle their tires, and ultimately, reduce the amount  
13 of improperly disposed tires, resulting in a significant  
14 reduction in environmental clean-up costs for Hawaii's counties  
15 each year; now, therefore,  
16

17 BE IT RESOLVED by the House of Representatives of the  
18 Twenty-ninth Legislature of the State of Hawaii, Regular Session  
19 of 2018, the Senate concurring, that the Department of  
20 Transportation is requested to investigate the feasibility and  
21 conduct a cost-benefit analysis of paving roadways in Hawaii  
22 with rubberized asphalt concrete; and  
23

24 BE IT FURTHER RESOLVED that the Department of  
25 Transportation is requested to report its findings and  
26 recommendations, including any proposed legislation, to the  
27 Legislature no later than twenty days prior to the convening of  
28 the Regular Session of 2019; and  
29

30 BE IT FURTHER RESOLVED that a certified copy of this  
31 Concurrent Resolution be transmitted to the Director of  
32 Transportation.  
33  
34  
35

OFFERED BY:

The block contains several handwritten signatures. At the top right is a large signature that appears to be "Nico E. Lora". Below it, on the left, are two more signatures, one of which appears to be "Indekhin". To the right of these are two more signatures, one of which appears to be "Se. Cui". At the bottom right is another signature. The signatures are written in black ink on a white background.

