
HOUSE CONCURRENT RESOLUTION

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;
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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

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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

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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;
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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

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