

MAR 12 2021

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## SENATE RESOLUTION

URGING THE DEPARTMENT OF TRANSPORTATION TO INCREASE THE USE OF RECLAIMED ASPHALT PAVEMENT TO REPAVE, RECONSTRUCT, AND PRESERVE STATE STREETS, ROADS, AND HIGHWAYS AND EXPLORE USE OF OTHER PRODUCTS USING RECLAIMED ASPHALT.

1           WHEREAS, reclaimed asphalt pavement refers to removed or  
2 reprocessed pavement materials containing asphalt and  
3 aggregates; and  
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5           WHEREAS, pavement materials containing asphalt and  
6 aggregates are generated when asphalt pavements are removed for  
7 reconstruction, resurfacing, or to obtain access to buried  
8 utilities; and  
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10           WHEREAS, when properly crushed and screened, reclaimed  
11 asphalt pavement consists of high-quality, well-graded  
12 aggregates coated by asphalt cement; and  
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14           WHEREAS, milled or crushed reclaimed asphalt pavement can  
15 be used in a number of highway construction applications,  
16 including use as an aggregate substitute and asphalt cement  
17 supplement in recycled asphalt paving (hot mix or cold mix),  
18 granular base or subbase, stabilized base aggregate, or  
19 embankment or fill material; and  
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21           WHEREAS, the Federal Highway Administration supports and  
22 promotes the use of recycled highway materials in pavement  
23 construction to preserve the natural environment, reduce waste,  
24 and provide a cost-effective material for constructing highways,  
25 and encourages the use of recycled materials in the construction  
26 of highways to the maximum economical and practical extent  
27 possible with equal or improved performance; and  
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29           WHEREAS, the State has a significant stockpile of reclaimed  
30 asphalt pavement; and  
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32           WHEREAS, the Department of Transportation's existing  
33 specifications allow up to the twenty percent of reclaimed  
34 asphalt pavement to be used in hot mix asphalt pavement, which



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1 is usually used as the surface course (generally the top two  
2 inches of a pavement structure) and up to forty percent of  
3 reclaimed asphalt pavement to be used in hot mix asphalt base,  
4 which is usually used as the base course; and

5  
6 WHEREAS, the use of reclaimed asphalt pavement would reduce  
7 the demand for virgin aggregate mined in Hawaii; now, therefore,  
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9 BE IT RESOLVED by the Senate of the Thirty-first  
10 Legislature of the State of Hawaii, Regular Session of 2021,  
11 that the Department of Transportation is urged to:

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- 13 (1) Increase the use of reclaimed asphalt pavement to  
14 repave, reconstruct, and preserve state streets,  
15 roads, and highways; and  
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  - 17 (2) Explore the use of other products using reclaimed  
18 asphalt, including asphalt paving mixes using higher  
19 percentages of reclaimed asphalt, asphalt treated base  
20 using one hundred percent reclaimed asphalt, reclaimed  
21 asphalt base, and pavement preservation products using  
22 reclaimed asphalt; and  
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24 BE IT FURTHER RESOLVED that a certified copy of this  
25 Resolution be transmitted to the Director of Transportation.  
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OFFERED BY: 