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## HOUSE RESOLUTION

REQUESTING THE MAUI COUNTY CIVIL DEFENSE AGENCY TO PREPARE A  
DISASTER CONTINGENCY PLAN TO MAINTAIN CONTINUED  
TRANSPORTATION ACCESS ALONG THE HANA HIGHWAY, INCLUDING ITS  
ONE-LANE BRIDGES, DURING CATASTROPHIC EVENTS.

1           WHEREAS, it is critical for the safety, health, and well-  
2 being of residents of rural areas in the State, particularly  
3 those areas where access is restricted to single-lane roads  
4 served by numerous bridges, that transportation be maintained in  
5 anticipation of catastrophic events such as earthquakes and  
6 flooding; and

7  
8           WHEREAS, Hawaii experienced two large seismic events on  
9 October 15, 2006, that caused electrical blackouts and  
10 disruption to transportation in various areas of the State; and

11  
12           WHEREAS, on the island of Maui, especially on the road  
13 between Hana and Kipahulu on the southeastern side of the  
14 island, several bridges on the one-lane road were damaged when  
15 the earthquakes fractured rock foundations beneath the bridges;  
16 and

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18           WHEREAS, Paihi Bridge on the Hana Highway had to be closed  
19 and replaced with a temporary bridge, and military helicopters  
20 had to make deliveries of food, water, and fuel to residents  
21 affected by the shutdown of the bridge; and

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23           WHEREAS, during the summer of 2007, a landslide and heavy  
24 rains caused flooding that closed the temporary bridge for two  
25 months; and

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27           WHEREAS, according to a 2006 United States Department of  
28 Transportation assessment, forty-six per cent of Hawaii's  
29 bridges (513 of 1,110) are classified substandard, of which 156  
30 are classified structurally deficient and 357 are classified  
31 functionally obsolete, ranking Hawaii as the third worst in the  
32 nation; and

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1           WHEREAS, a substandard classification does not necessarily  
 2 mean that bridges are unsafe, and certain bridges will never be  
 3 brought up to current federal standards; for example, there is  
 4 no practicable way to provide two-lane access to the more than  
 5 fifty bridges along the one-lane Hana Highway; and

6  
 7           WHEREAS, as experiences with the earthquakes of 2006 and  
 8 the landslide and heavy rains during 2007 have nevertheless  
 9 shown, the Maui County Civil Defense Agency needs to take  
 10 precautionary measures to maintain continued access to the  
 11 numerous communities served by the Hana Highway and its many  
 12 one-lane bridges in the event of a catastrophic event; now,  
 13 therefore,

14  
 15           BE IT RESOLVED by the House of Representatives of the  
 16 Twenty-fourth Legislature of the State of Hawaii, Regular  
 17 Session of 2008, that the Maui County Civil Defense Agency is  
 18 requested to prepare a disaster contingency plan to maintain  
 19 continued transportation access along the Hana Highway,  
 20 including the one-lane bridges along the highway, in the event  
 21 of catastrophic events such as earthquakes, landslides, or heavy  
 22 rain and flooding; and

23  
 24           BE IT FURTHER RESOLVED that the Maui County Civil Defense  
 25 Agency is requested to include in the contingency plan the  
 26 following:

- 27  
 28           (1) Identification of potential catastrophic events that  
 29 may impair transportation access along Hana Highway;  
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 31           (2) Feasible plans and actions that can be implemented in  
 32 preparation and anticipation of each type of  
 33 catastrophic event, such as seismic retrofitting work  
 34 to strengthen the one-lane bridges and procurement of  
 35 Federal Emergency Management Agency funds, plans for  
 36 alternate routes, and plans for state-county liaison  
 37 and interagency cooperation;  
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 39           (3) Actions to be taken during a catastrophic event; and  
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 41           (4) Follow-up actions to be taken after a catastrophic  
 42 event; and  
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1 BE IT FURTHER RESOLVED that the Mayor and the Council of  
 2 Maui County are requested to cooperate with the administrator of  
 3 the Maui County Civil Defense Agency on the preparation of the  
 4 disaster contingency plan; and

5  
 6 BE IT FURTHER RESOLVED that the Maui County Civil Defense  
 7 Agency is requested to submit a report of its findings and  
 8 recommendations, including any proposed legislation, to the  
 9 Legislature no later than twenty days prior to the convening of  
 10 the Regular Session of 2009; and

11  
 12 BE IT FURTHER RESOLVED that certified copies of this  
 13 Resolution be transmitted to the Mayor and members of the  
 14 Council of Maui County and to the Civil Defense Administrator  
 15 for Maui County.  
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 17  
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OFFERED BY: Mele Canale  
Wynn Snow  
K.A.  
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MAR 12 2008

