

MAR 14 2007

SENATE CONCURRENT RESOLUTION

REQUESTING THE DEPARTMENT OF TRANSPORTATION TO CREATE AND
IMPLEMENT A TRAFFIC CONGESTION REDUCTION PLAN, A TRAFFIC
FLOW IMPROVEMENT PLAN, AN INFRASTRUCTURE MAINTENANCE AND
IMPROVEMENT PLAN, AND A SAFETY ENHANCEMENT PROGRAM.

1 WHEREAS, the Legislature finds that the State's worsening
2 transportation problems are imposing substantial costs on the
3 State's residents and businesses; and
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5 WHEREAS, traffic congestion in the State's major
6 metropolitan areas has worsened over time; and
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8 WHEREAS, traffic congestion diminishes air quality and
9 safety; undermines the State's economic health, its residents'
10 quality of life, and prosperity; and perpetuates poverty; and
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12 WHEREAS, the absence of a specific and concrete plan by the
13 State to address traffic congestion ensures that traffic
14 congestion will continue to worsen; and
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16 WHEREAS, the State must act to minimize traffic congestion
17 in order to contribute to the economic growth of the State and
18 to the well-being and safety of all the State's residents; now,
19 therefore,
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21 BE IT RESOLVED by the Senate of the Twenty-fourth
22 Legislature of the State of Hawaii, Regular Session of 2007, the
23 House of Representatives concurring, that the Department of
24 Transportation is requested to create and implement a traffic
25 congestion reduction plan to apply to all counties; and
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27 BE IT FURTHER RESOLVED that the Department of
28 Transportation is requested to adopt an objective to provide
29 freeway and arterial level of service E, as defined in the
30 Highway Capacity Manual 2000 edition of the Transportation
31 Research Board, at ninety-nine per cent of the intersections on



1 all islands, while they operate under normal conditions during
2 peak periods of traffic; and
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4 BE IT FURTHER RESOLVED that the Department of
5 Transportation is requested to adopt interim objectives that
6 improve the level of service for at least ten miles of urban
7 arterial streets of freeways per year; and
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9 BE IT FURTHER RESOLVED that the Department of
10 Transportation is requested to propose a cost-effective plan to
11 achieve the long-term and interim objectives at the lowest
12 possible cost, with the principal purpose of the plan to be to
13 identify the roadway resources and strategies that would need to
14 be implemented to achieve the long-term and interim traffic
15 congestion reduction objectives, and to include cost estimates
16 and the cost per reduced-delay-hour compared to the status quo
17 case for the achievement of the long-term and interim traffic
18 congestion reduction objectives; and
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20 BE IT FURTHER RESOLVED that the traffic congestion
21 reduction plan should not include the use of tolling or road
22 pricing except for capacity expansion and no lanes currently
23 operating without tolls shall be converted to tolling or road
24 pricing; and
25

26 BE IT FURTHER RESOLVED that to the maximum extent feasible,
27 the Department of Transportation is requested to apply a cost-
28 per-delay-hour standard in project evaluation within each of the
29 counties and the costs include only actual proposed monetary
30 expenditures by the State or other organizations making actual
31 monetary expenditures with respect to the projects under
32 consideration; and
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34 BE IT FURTHER RESOLVED that in all project planning, the
35 Department of Transportation is requested to consider the cost-
36 per-reduced-delay-hour as a factor in decision making and
37 require the use of the cost-per-delay-hour factor in any major
38 project planning by any authority, agency, or jurisdiction
39 receiving transportation funding from the State; provided that
40 major projects include any project with a projected cost of
41 \$10,000,000 or more; and
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43 BE IT FURTHER RESOLVED that the Department of
44 Transportation is requested to re-evaluate all major projects



1 two years after completion to ascertain actual delay
2 improvements and actual benefits and costs; and
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4 BE IT FURTHER RESOLVED that the Department of
5 Transportation is requested to create and implement a traffic
6 flow improvement plan and to provide an effective incident
7 management plan that reduces annual incident congestion delay by
8 at least twenty-five per cent by June 30, 2012; and
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10 BE IT FURTHER RESOLVED that the plan should reduce delays
11 caused by congestion on roadways that are scheduled for
12 improvement projects by an average of ten per cent per year; and
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14 BE IT FURTHER RESOLVED that the plan should reduce delay
15 caused by congestion in construction work zones by ten per cent
16 per year; and
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18 BE IT FURTHER RESOLVED that the Department of
19 Transportation is requested to create and implement a statewide
20 infrastructure maintenance and improvement program; and
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22 BE IT FURTHER RESOLVED that the statewide infrastructure
23 maintenance and improvement program should maintain annually at
24 least eighty per cent of the State's road surface in acceptable
25 ride quality condition as measured by the International
26 Roughness Index; and
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28 BE IT FURTHER RESOLVED that the statewide infrastructure
29 maintenance and improvement program should maintain annually all
30 bridges identified as weight restricted or structurally
31 deficient, or both, so that no adverse effect arises from their
32 safe use by emergency vehicles, school buses, and vehicles
33 serving the area economy; and
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35 BE IT FURTHER RESOLVED that the statewide infrastructure
36 maintenance and improvement program should provide for repair of
37 all reported potholes located in roadways within one day of the
38 receipt of notification ninety-eight per cent of the time except
39 during emergencies and adverse weather; and
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41 BE IT FURTHER RESOLVED that the Department of
42 Transportation is requested to create and implement a statewide
43 safety enhancement program; and
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1 BE IT FURTHER RESOLVED that the statewide safety
2 enhancement program should, for the period up until June 30,
3 2016, reduce the:

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5 (1) Injury rate, as measured by injuries per 100,000,000
6 vehicle miles traveled, by an average of two per cent
7 per year; and

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9 (2) Number of injuries by 1.5 per cent per year; and

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11 BE IT FURTHER RESOLVED that the statewide safety
12 enhancement program should, for the period up until June 30,
13 2016, reduce the:

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15 (1) Fatality rate, as measured by fatalities per
16 100,000,000 vehicle miles traveled, by an average of
17 two per cent per year; and

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19 (2) Number of fatalities by 1.5 per cent per year; and

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21 BE IT FURTHER RESOLVED that the Department of
22 Transportation is requested to develop emergency preparedness
23 plans, including regional evacuation plans, to respond to
24 natural disasters, incidents related to homeland security, and
25 serious disruption of major arteries due to infrastructure
26 failure or serious traffic accidents; and

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28 BE IT FURTHER RESOLVED that the Department of
29 Transportation is requested to work cooperatively with the
30 College of Engineering of the University of Hawaii in the
31 creation of a transportation research center and transportation
32 programs that integrate engineering education with congestion
33 mitigation and safety improvements in the State; and

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35 BE IT FURTHER RESOLVED that the Department of
36 Transportation is requested to submit a written report annually
37 to the Legislature no later than twenty days prior to the start
38 of each Regular Session, which shall be a public document that
39 shall be posted on the Department of Transportation's internet
40 website and retained for a minimum of twenty-five years; and


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42 BE IT FURTHER RESOLVED that certified copies of this
43 Concurrent Resolution be transmitted to Governor, the Director



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1 of Transportation, and the Dean of the College of Engineering of
2 the University of Hawaii.
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OFFERED BY:


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