



MEMORANDUM

Agenda Item No. 11(A)(3)

**TO:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners

**DATE:** February 7, 2012

**FROM:** R. A. Cuevas, Jr.  
County Attorney

**SUBJECT:** Resolution directing the County Mayor  
to prepare a report detailing the best  
methodology and implementation  
schedule to synchronize traffic  
signals at high crash, high volume  
intersections within Miami-Dade  
County

Resolution No. R-151-12

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Chairman Joe A. Martinez.



R. A. Cuevas, Jr.  
County Attorney

RAC/up



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(Revised)

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Please note any items checked.

- "3-Day Rule" for committees applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- No committee review
- Applicable legislation requires more than a majority vote (i.e., 2/3's \_\_\_\_\_, 3/5's \_\_\_\_\_, unanimous \_\_\_\_\_) to approve
- Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved \_\_\_\_\_ Mayor  
Veto \_\_\_\_\_  
Override \_\_\_\_\_

Agenda Item No. 11(A)(3)  
2-7-12

RESOLUTION NO. R-151-12

RESOLUTION DIRECTING THE COUNTY MAYOR OR DESIGNEE TO PREPARE A REPORT DETAILING THE BEST METHODOLOGY AND IMPLEMENTATION SCHEDULE TO SYNCHRONIZE TRAFFIC SIGNALS AT HIGH CRASH, HIGH VOLUME INTERSECTIONS WITHIN MIAMI-DADE COUNTY TO PROVIDE FOR A FOUR SECOND ALL-RED CLEARANCE INTERVAL BETWEEN SIGNAL CHANGES

**WHEREAS**, according to the National Highway Traffic Safety Administration, intersectional accidents account for 48% of injury related traffic accidents nationwide, and generate almost \$101 billion of societal costs each year; and

**WHEREAS**, these accidents are often caused by motorists trying to “beat” red lights, and these motorists are responsible for about 800 deaths and 200,000 injuries each year nationwide, according to insurance industry figures; and

**WHEREAS**, an “all-red clearance interval” is a brief period when lights in all directions are red, thus providing additional time before conflicting traffic is released following the yellow-change interval, and providing greater time separation between opposing vehicular movements, and clearing the intersection of vehicles between signal phases; and

**WHEREAS**, all-red clearance intervals have been found to be an effective way to reduce intersectional collisions, including in a joint study by AAA of Michigan and the City of Detroit; and

**WHEREAS**, increasing the all-red clearance intervals to four seconds within the County will reduce intersectional collisions by providing sufficient time for cross traffic to fully clear an intersection before allowing motorists to proceed; and

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA**, that the County Mayor or

Mayor's designee is hereby directed to prepare a report within 60 days detailing the best methodology and implementation schedule to synchronize traffic signals at high crash, high volume intersections within Miami-Dade County to provide for a four-second all-red clearance interval between signal phases.

The Prime Sponsor of the foregoing resolution is Chairman Joe A. Martinez. It was offered by Commissioner **Jose "Pepe" Diaz**, who moved its adoption. The motion was seconded by Commissioner **Joe A. Martinez** and upon being put to a vote, the vote was as follows:

	Joe A. Martinez, Chairman	<b>aye</b>
	Audrey M. Edmonson, Vice Chairwoman	<b>aye</b>
Bruno A. Barreiro	<b>aye</b>	Lynda Bell <b>aye</b>
Estéban L. Bovo, Jr.	<b>aye</b>	Jose "Pepe" Diaz <b>aye</b>
Sally A. Heyman	<b>aye</b>	Barbara J. Jordan <b>aye</b>
Jean Monestime	<b>aye</b>	Dennis C. Moss <b>aye</b>
Rebeca Sosa	<b>aye</b>	Sen. Javier D. Souto <b>absent</b>
Xavier L. Suarez	<b>aye</b>	

The Chairman thereupon declared the resolution duly passed and adopted this 7<sup>th</sup> day of February, 2012. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA  
BY ITS BOARD OF  
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: **Christopher Agrippa**  
Deputy Clerk



Approved by County Attorney as to form and legal sufficiency.

Jorge Martinez-Esteve