

Memorandum



Date: November 24, 2015

To: Honorable Chairman Jean Monestine
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor 

Subject: Report to Identify Roadways within Miami-Dade County in Need of Illumination-Directive
150716

This report has been prepared by the Public Works and Waste Management Department (PWWM) in response to Board of County Commission (Board) Resolution R-1011-14 sponsored by Commissioner Javier D. Souto, directing the Mayor or Mayor's designee to identify roadways within Miami-Dade County (County) in need of illumination.

Please be advised that, while there is no legal requirement for street lights, studies have found that they enhance the basic safety of roadways and their surrounding areas. As a result, the County includes their installation as part of roadway expansion and reconstruction projects. Currently, lighting is installed along roadways by either the Florida Department of Transportation (FDOT), the County, municipalities, or through Special Taxing Districts. The following is a listing of existing lighting under the purview of the County:

- 24,599 street lights along arterial roadways, of which 12,274 are owned by FDOT and maintained by the County through the Operation and Maintenance Agreement as approved under R-868-05, and 12,325 are owned and maintained by the County;
- 33,094 street lights within Special Taxing Districts owned and maintained by Florida Power and Light (FPL), and funded through each respective Special Taxing Districts; and
- 4,014 street lights along arterial roadways leased from and maintained by FPL.

In order to avoid significant costs and time implications associated with conducting a countywide survey, PWWM is working with FPL, as FPL continues to locate all street lights to which it provides power. At this time, FPL has provided PWWM with geocoded locations for 60 percent of all streetlights within the County. Once FPL provides geocoded information for the balance of streetlights, PWWM and the County's Information Technology Department will generate a GIS map denoting the locations of all roadway lighting systems. This map will allow PWWM to complete an analysis identifying arterial and collector roads that would benefit from the installation of street lights.

However, until this analysis is complete, PWWM estimates that, on average, 33 standard street lights are typically installed within one (1) mile of roadway. Therefore, based on 1,447 centerline miles of roads with County maintained street lights and the total number of existing street lights installed along said roads (24,599), approximately 745 miles of arterial roads have street lights. This leaves a balance of approximately 702 centerline miles of arterial roadways without street lights. Using current contract pricing, the cost of providing standard street lighting along the remaining roadways is estimated at \$316 million. Presently there is no dedicated funding for the implementation of street lights along arterial and collector roads; therefore, streetlights will continue to be installed as part of the development of roadway projects.

Pursuant to Ordinance 14-65, this memorandum will be placed on the next available Board meeting.

c: Alina T. Hudak, Deputy Mayor/Director, Public Works and Waste Management
Alice N. Bravo, P.E., Director, Miami-Dade Transit
Eugene Love, Agenda Coordinator

MEMORANDUM

Amended
Agenda Item No. 11(A)(21)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: November 5, 2014

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

SUBJECT: Resolution directing Mayor to
identify the roadways within
Miami-Dade County in need
of illumination
Resolution No. R-1011-14

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Senator Javier D. Souto.



R. A. Cuevas, Jr.
County Attorney

RAC/smm

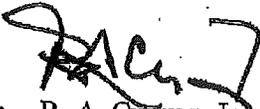


MEMORANDUM

(Revised)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: November 5, 2014

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

SUBJECT: Amended
Agenda Item No. 11(A)(21)

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 Mayor'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 _____

Amended
Agenda Item No. 11(A)(21)
11-5-14

RESOLUTION NO. R-1011-14

RESOLUTION DIRECTING MAYOR OR MAYOR'S
DESIGNEE TO IDENTIFY THE ROADWAYS WITHIN
MIAMI-DADE COUNTY IN NEED OF ILLUMINATION

WHEREAS, illuminated roadways provide enhanced safety for drivers, passengers, bicyclists, and pedestrians; and

WHEREAS, illuminated roadways increase security from crime; and

WHEREAS, the Board of County Commissioners wishes to remain informed as to the progress of efforts to provide illuminated roadways,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that the Mayor or Mayor's designee is directed to identify those roadways within Miami-Dade County in need of illumination and report said findings to the Board. In determining areas of need for illumination, the Mayor or Mayor's designee is further directed to consider traffic usage, traffic accident statistics, and crime rates. The Mayor or Mayor's designee shall provide the report to this Board within 90 days of the effective date of this resolution and shall place the completed report on an agenda of the Board pursuant to Ordinance No. 14-65.

The Prime Sponsor of the foregoing resolution is Senator Javier D. Souto. It was offered by Commissioner Sally A. Heyman, who moved its adoption. The motion was seconded by Commissioner Rebeca Sosa and upon being put to a vote, the vote was as follows:

	Rebeca Sosa, Chairwoman	aye
	Lynda Bell, Vice Chair	aye
Bruno A. Barreiro	absent	Esteban L. Bovo, Jr. aye
Jose "Pepe" Diaz	aye	Audrey M. Edmonson absent
Sally A. Heyman	aye	Barbara J. Jordan aye
Jean Monestime	aye	Dennis C. Moss aye
Sen. Javier D. Souto	absent	Xavier L. Suarez aye
Juan C. Zapata	aye	

The Chairperson thereupon declared the resolution duly passed and adopted this 5th day of November, 2014. 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.

A handwritten signature in black ink, appearing to read "B.L.", is written over a horizontal line.

Bruce Libhaber