RTC
Agenda Item No. 2(D)

MEMORANDUM

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

DATE: June 13, 2011

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

SUBJECT: Resolution directing the Mayor to work with the South Florida Regional Planning Council to prepare an application for an electric vehicle (EV) charging station master plan and future funding to the U.S. Department of Energy (DOE) that assesses the feasibility of using locations on Miami-Dade County rights-of-way, including but not limited to the South Dade Bus Corridor and the Metrorail Corridor leading into Downtown Miami, locations in or around Miami-Dade County park facilities, and other public rights-of-way such as the median on State Road 836 between Florida's Turnpike and the Palmetto Expressway

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/cp

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MEMORANDUM

(Revised)

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

DATE: July 7, 2011

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

SUBJECT: Agenda Item No.

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.
7-7-11

RESOLUTION NO. _____

RESOLUTION DIRECTING THE MAYOR OR MAYOR'S DESIGNEE TO WORK WITH THE SOUTH FLORIDA REGIONAL PLANNING COUNCIL TO PREPARE AN APPLICATION FOR AN ELECTRIC VEHICLE (EV) CHARGING STATION MASTER PLAN AND FUTURE FUNDING TO THE U.S. DEPARTMENT OF ENERGY (DOE) THAT ASSESSES THE FEASIBILITY OF USING LOCATIONS ON MIAMI-DADE COUNTY RIGHTS-OF-WAY, INCLUDING BUT NOT LIMITED TO THE SOUTH DADE BUS CORRIDOR AND THE METRORAIL CORRIDOR LEADING INTO DOWNTOWN MIAMI, LOCATIONS IN OR AROUND MIAMI-DADE COUNTY PARK FACILITIES, AND OTHER PUBLIC RIGHTS-OF-WAY SUCH AS THE MEDIAN ON STATE ROAD 836 BETWEEN FLORIDA'S TURNPIKE AND THE PALMETTO EXPRESSWAY

WHEREAS, the demand for such EV charging stations is expected to significantly grow in the next few years with the production and delivery of several EV models including those from major car manufacturing companies such as the Chevy Volt, Nissan Leaf and Ford Focus; and

WHEREAS, having the charging station infrastructure in place for this future demand is seen by industry experts as a major element for the success of EVs. Despite the increased driving ranges of the new generation of EVs, a major obstacle to overcome is the "range anxiety" of drivers; and

WHEREAS, the industry of electric vehicle charging stations is a quickly evolving one, with the business model still being shaped. Both the public and private sector have stepped in to provide a network of EV charging stations throughout the US. An element of these facilities is the "level" of electricity offered, with Level I stations full charging a vehicle in 8-12 hours, Level II in 4-6 hours, and a Level III station in approximately an hour. These various stations are

typically located at locations where there is a concentration of vehicles such as parking garages/lots, shopping centers, educational facilities, hotels and major employment sites; and

WHEREAS, according to DOE, Florida is ranked #3 behind California and Washington with over 50 existing and planned locations. The majority of these facilities are located in the Central Florida area. In Miami-Dade County, Dadeland North parking garage has several Level I and Level II chargers. Recently, a private company deployed a solar powered EV charging station facility in the Omni area offering Level I and II chargers to the public. The County also maintains some charging stations for its fleet of retrofitted and plug-in hybrids; and

WHEREAS, DOE announced on April 19, 2011 a grant of $5 million to fund electric vehicle infrastructure including charging stations in an effort to spur the deployment of EV facilities through local government and private company collaborations. The grant minimum and maximum awards will be $250,000 and $500,000, respectively. Deadline for submission is June 13, 2011; and

WHEREAS, the South Florida Regional Planning Council through its role as the South Florida Gold Coast Clean Cities Coalition intends to submit a proposal on behalf of a seven-county region consisting of Monroe, Miami-Dade, Broward, Palm Beach, Martin, St. Lucie and Indian River Counties to DOE requesting funding to prepare an EV charging master plan which will examine deployment issues such as the appropriate locations and equipment for such facilities; and

WHEREAS, the Miami-Dade Office of Sustainability is working very closely in partnership with the South Florida Regional Planning Council on the development of this grant,

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 work with the South Florida Regional Planning Council to prepare an application for a master plan and/or future funding that assesses the feasibility of using (a) locations on Miami-Dade County rights-of-way, including but not limited to the South Dade Bus Corridor and the Metrorail Corridor leading into downtown Miami, (b) locations in or around Miami-Dade County park facilities, and (c) other public rights-of-way such.

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

Joe A. Martinez, Chairman
Audrey M. Edmonson, Vice Chairwoman

Bruno A. Barreiro	Lynda Bell
Esteban L. Bovo, Jr.	Jose "Pepe" Diaz
Sally A. Heyman	Barbara J. Jordan
Jean Monestime	Dennis C. Moss
Rebeca Sosa	Sen. Javier D. Souto
Xavier L. Suarez	

The Chairperson thereupon declared the resolution duly passed and adopted this 7th day of July, 2011. 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:_____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Alex S. Bokor