

MEMORANDUM

Agenda Item No. 11(A)(13)

TO: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

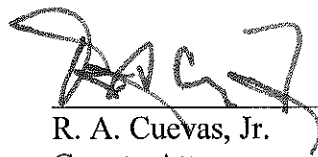
DATE: January 21, 2015

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

SUBJECT: Resolution directing the Mayor
to prepare an action plan and
report to accelerate the climate
change adaptation planning
process by evaluating the
engineering and other relevant
expertise needed to develop an
enhanced capital plan

This item was amended at the December 11, 2014 Land Use & Development Committee to include a status report that shall be due within 90 days from the effective date of the Resolution.

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Rebeca Sosa, and Co-Sponsors Commissioner Daniella Levine Cava and Commissioner Jose "Pepe" Diaz.



R. A. Cuevas, Jr.
County Attorney

RAC/smm

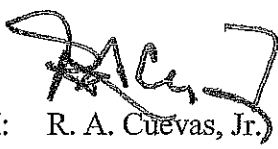


MEMORANDUM

(Revised)

TO: Honorable Chairman Jean Monestime
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DATE: January 21, 2015

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R. A. Cuevas, Jr.
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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 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 _____

Agenda Item No. 11(A)(13)

1-21-15

RESOLUTION NO. _____

RESOLUTION DIRECTING THE MAYOR OR MAYOR'S DESIGNEE TO PREPARE AN ACTION PLAN AND REPORT TO ACCELERATE THE CLIMATE CHANGE ADAPTATION PLANNING PROCESS BY EVALUATING THE ENGINEERING AND OTHER RELEVANT EXPERTISE NEEDED TO DEVELOP AN ENHANCED CAPITAL PLAN THAT INCLUDES BUT IS NOT LIMITED TO FLOOD PROTECTION, SALINITY STRUCTURES, PUMP STATIONS, AND ROAD AND BRIDGE DESIGNS, AND TO DETERMINE THE COSTS OF RETAINING THE EXPERTS NEEDED

WHEREAS, Florida is considered one of the most vulnerable areas in the country with respect to the consequences of climate change, with Southeast Florida on the frontline to experience the impacts of climate change, especially sea level rise, due to its low-lying topography, porous substrata, and extensive coastal infrastructure; and

WHEREAS, rising sea levels could limit the effectiveness of critical drainage infrastructure, endanger beaches and coastal natural resources, and increase incidents of saltwater intrusion on the Biscayne Aquifer and farmlands, thereby putting at risk the drinking water supply for the entire population of Southeast Florida; and

WHEREAS, Miami-Dade County has been in the forefront of these issues for many years and should give significant consideration to adaptation strategies designed to protect public infrastructure, property, water resources, natural areas and native species, and basic quality of life; and

WHEREAS, the Miami-Dade County Comprehensive Development Master Plan (hereinafter "the CDMP") was amended to address sea level rise and climate change, through

policies which call for the consideration of sea level rise and climate change as an integral component of all planning processes, including incorporation into public investment processes and decisions; and

WHEREAS, Miami-Dade County is a member of the Southeast Florida Regional Climate Compact, which is a groundbreaking collaboration of four counties - Monroe, Miami-Dade, Broward, and Palm Beach - working together as a region on climate change policy, mitigation and adaptation; and

WHEREAS, in 2012, through Resolution No. R-240-13, this Board accepted the Regional Climate Action Plan, with recommendations for regionally coordinated climate change mitigation, adaptation strategies, and efforts in building community resilience; and

WHEREAS, in July 2013, this Board created the Miami-Dade Sea Level Rise Task Force through the adoption of Resolution No. R-599-13 to review the relevant data and prior studies, assessments, reports, and evaluations of the potential impact of sea level rise on vital public services and facilities, real estate, water and other ecological resources, water front property, and infrastructure; and

WHEREAS, at the direction of this Board, on July 1, 2014, the Miami-Dade Sea Level Rise Task Force issued a report with their findings that included an assessment of the likely and potential impacts of sea level rise and storm surge over time and a set of six recommendations relative to amendments to the CDMP, capital facilities planning, budgetary priorities and other County programs as necessary to ensure that Miami-Dade County is taking appropriate actions to reduce its contributions to climate-induced sea level rise and to ensure its resiliency to the increase in sea level rise, storm surge and related impacts which are expected to occur; and

WHEREAS, the Miami-Dade Sea Level Rise Task Force made the overarching recommendation that this Board pass legislation to accelerate the adaptation planning process by seeking and formally selecting the engineering and other relevant expertise needed to develop a robust capital plan, vetting the elements including but not limited to flood protection, salinity structures, pump stations, and road and bridge designs, and to establish what measurable indicators will trigger timely sequencing as a critical next step,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board:

Section 1. Directs the Mayor or Mayor's designee to prepare an action plan and report to accomplish the acceleration of the climate change adaptation planning process by evaluating the engineering and other relevant expertise needed to conduct a comprehensive expert analysis and to develop an enhanced capital plan involving all levels of government to reinvent Miami-Dade County's urban infrastructure in a timely, sequenced manner that includes but is not limited to flood protection, salinity structures, pump stations, and road and bridge designs, and to determine the costs of retaining the expertise needed.

Section 2. Further directs that the Mayor or Mayor's designee shall provide >>a status report on the action plan and report identified in section 1 above to this Board within 90 days of the effective date of this resolution and shall place the status report on an agenda of the Board pursuant to Ordinance No. 14-65, and directs that the Mayor or Mayor's designee shall provide<<¹ the >>final<< action plan and >>final<< report identified in section 1 above to this Board within 180 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.

¹ Committee amendments are indicated as follows: Words stricken through and/or [[double bracketed]] are deleted, words underscored and/or >>double arrowed<< are added.

The Prime Sponsor of the foregoing resolution is Commissioner Rebeca Sosa, and the Co-Sponsors are Commissioner Daniella Levine Cava and Commissioner Jose "Pepe" Diaz. 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:

Jean Monestime, Chairman	
Esteban L. Bovo, Jr., Vice Chairman	
Bruno A. Barreiro	Daniella Levine Cava
Jose "Pepe" Diaz	Audrey M. Edmonson
Sally A. Heyman	Barbara J. Jordan
Dennis C. Moss	Rebeca Sosa
Sen. Javier D. Souto	Xavier L. Suarez
Juan C. Zapata	

The Chairperson thereupon declared the resolution duly passed and adopted this 21st day of January, 2015. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the 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.



Christopher A. Angell