

MEMORANDUM

Agenda Item No. 11(A)(3)

TO: Honorable Chairman Esteban L. Bovo, Jr.
and Members, Board of County Commissioners

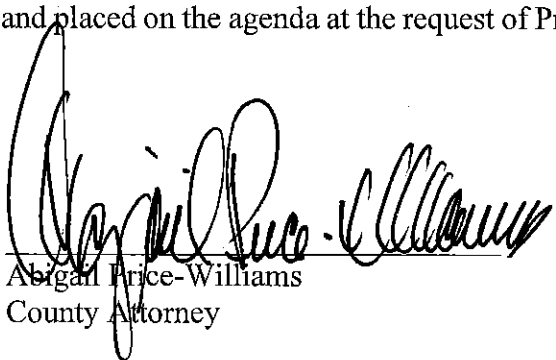
DATE: June 6, 2017

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Resolution adopting the Institute
for Sustainable Infrastructure
"Envision" sustainable
Infrastructure rating system for
Miami-Dade County
Infrastructure Projects; directing
the County Mayor to incorporate
Envision into the planning,
design, construction, and
operation of County-funded
Infrastructure Projects, where
practicable and feasible

Resolution No. R-617-17

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor
Commissioner Daniella Levine Cava.


Abigail Price-Williams
County Attorney

APW/lmp

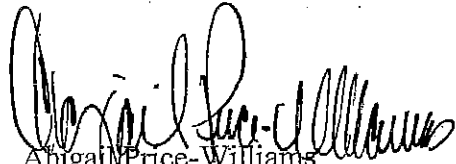


MEMORANDUM

(Revised)

TO: Honorable Chairman Esteban L. Bovo, Jr.
and Members, Board of County Commissioners

DATE: June 6, 2017

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Abigail Price-Williams
County Attorney

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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
- Statement of social equity 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)(3)
6-6-17

RESOLUTION NO. R-617-17

RESOLUTION ADOPTING THE INSTITUTE FOR SUSTAINABLE INFRASTRUCTURE "ENVISION" SUSTAINABLE INFRASTRUCTURE RATING SYSTEM FOR MIAMI-DADE COUNTY INFRASTRUCTURE PROJECTS; DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO INCORPORATE ENVISION INTO THE PLANNING, DESIGN, CONSTRUCTION, AND OPERATION OF COUNTY-FUNDED INFRASTRUCTURE PROJECTS, WHERE PRACTICABLE AND FEASIBLE

WHEREAS, American Public Works Association (APWA), the American Society of Civil Engineers (ASCE), and the American Council of Engineering Companies (ACEC) established the Institute for Sustainable Infrastructure (ISI); and

WHEREAS, ISI collaborated with the Zofnass Program for Sustainable Infrastructure at the Harvard University Graduate School of Design to develop "Envision"; and

WHEREAS, "Envision" is a rating system that provides sustainability metrics for infrastructure such as roads, bridges, pipelines, railways, airports, levees, landfills, water treatment systems, and other civil infrastructure; and

WHEREAS, "Envision" is similar in concept to the Leadership in Energy and Environmental Design (LEED) Green Building Rating System, which is a nationally recognized rating system which sets standards for implementing green building practices in design and construction; and

WHEREAS, the Code of Miami-Dade County currently contains green building requirements for certain County buildings, pursuant to Sections 9-71 and 9-75 of the Code of Miami-Dade County, also known as the Sustainable Buildings ordinance; and

WHEREAS, Section 9-75 requires the selection of “a nationally recognized rating system that sets standards for implementing green building practices in design and construction,” and Implementing Order 8-8 sets LEED certification requirements for certain County buildings; and

WHEREAS, Implementing Order 8-8, Miami-Dade County uses LEED certification with respect to certain County buildings; and

WHEREAS, while LEED covers buildings and facilities, “Envision” covers other types of infrastructure and does not generally cover buildings or facilities; and

WHEREAS, the “Envision” rating system may offer guidance for sustainable infrastructure design, and its framework may help identify ways in which sustainable approaches can be incorporated into an infrastructure project, including in the planning, design, construction, or operation of the project; and

WHEREAS, the use of the “Envision” rating system may lead to infrastructure investments with longer-term viability, lower costs, and fewer negative impacts on the community; and

WHEREAS, the County is embarking on an historically significant capital construction campaign for civil infrastructure, including the overhaul of our water and wastewater treatment, transmission, collection and disposal systems and plans for a major expansion of our mass transit system through the adopted SMART Plan; and

WHEREAS, the “Envision” rating system has been used by numerous governmental entities such as the Florida Department of Transportation; Los Angeles County, California; Kansas City, Missouri; San Diego, California; and Houston, Texas, and has begun to be employed by the Miami-Dade Water & Sewer Department; and

WHEREAS, the “Envision” rating system should be employed by Miami-Dade County to meet our sustainability goals,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby adopts the Envision rating system for County-funded civil infrastructure projects and directs the County Mayor or County Mayor’s designee to incorporate the Institute for Sustainable Infrastructure “Envision” sustainable infrastructure rating system into the planning, design, construction, and operation of County-funded civil infrastructure projects, where practicable and feasible. This Board further directs the County Mayor or County Mayor’s designee to develop a plan to (1) train the County staff who are responsible for civil infrastructure projects in becoming Envision Sustainability Professional (ENV SP) credentialed and (2) provide incentives for County contractors on civil infrastructure projects to become Envision rating credentialed. The County Mayor or County Mayor’s designee shall prepare a report on the implementation strategy for this resolution, shall provide this report to the 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 Commissioner Daniella Levine Cava. It was offered by Commissioner **Audrey M. Edmonson** , who moved its adoption. The motion was seconded by Commissioner **Esteban L. Bovo, Jr.** and upon being put to a vote, the vote was as follows:

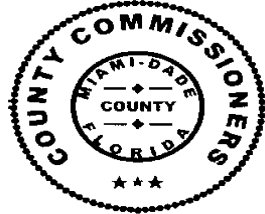
Esteban L. Bovo, Jr., Chairman	aye		
Audrey M. Edmonson, Vice Chairwoman	aye		
Bruno A. Barreiro	aye	Daniella Levine Cava	aye
Jose "Pepe" Diaz	aye	Sally A. Heyman	absent
Barbara J. Jordan	absent	Joe A. Martinez	absent
Jean Monestime	aye	Dennis C. Moss	aye
Rebeca Sosa	absent	Sen. Javier D. Souto	aye
Xavier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

The Chairperson thereupon declared the resolution duly passed and adopted this 6th day of June, 2017. 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: **Christopher Agrippa**
 Deputy Clerk



Approved by County Attorney as
 to form and legal sufficiency.

Abbie Schwaderer-Raurell