

# MEMORANDUM

Agenda Item No. 10(A)(1)

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**TO:** Honorable Chairman Anthony Rodriguez  
and Members, Board of County Commissioners


**DATE:** March 3, 2026

**FROM:** Geri Bonzon-Keenan  
County Attorney

**SUBJECT:** Resolution approving an amendment to the FY 2025-29 Five-Year Implementation Plan update of the People's Transportation Plan (PTP) to include the Metromover Mid-Life Overhaul project and the Metromover and Metrorail SCADA and Ethernet Switches Replacement project funded by Charter County Transportation Surtax Funds

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The accompanying resolution was prepared by the Citizens' Independent Transportation Trust and placed on the agenda at the request of Prime Sponsor Infrastructure, Innovation and Technology Committee.

  
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Geri Bonzon-Keenan  
County Attorney

GBK/uw

MDC001

# Memorandum



**Date:** March 3, 2026

**To:** Honorable Chairman Anthony Rodriguez  
and Members, Board of County Commissioners

**From:** Daniella Levine Cava *Daniella Levine Cava*  
Mayor

**Subject:** Recommendation for Approval of the Citizens' Independent Transportation Trust Resolution Recommending an Amendment to the FY 2025-29 Five-Year Implementation Plan Update of the People's Transportation Plan to add projects: Metromover Vehicle Mid-life Overhaul (IRP300) and the Metromover and Metrorail SCADA and Ethernet Switches Replacement (IRP319)

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## Executive Summary

The attached item is being placed on the agenda of the Board of County Commissioners (Board) at the request of Javier Betancourt, Executive Director of the Citizens' Independent Transportation Trust (CITT), for approval.

The Five-Year Implementation Plan was established pursuant to the ordinance governing the activities of the CITT (Ordinance 02-116), as amended by the Board on September 21, 2010. The procedure to amend the Five-Year Implementation Plan includes that such proposals shall be initially reviewed by CITT, which shall forward a recommendation to the Board. The CITT recommends the amendment of the Five-Year Implementation Plan to include the following projects, both funded by Charter County Transportation Surtax Funds.

- Metromover Vehicle Mid-life Overhaul (IRP300) project includes the replacement or overhaul of vehicle subsystems, equipment, and components vital to the safe and reliable operation of the Metromover vehicle fleet. This project was divided into two individual parts. The first part, interior flooring replacement for the Metromover vehicles was completed as part of safety improvements through the IRP program in 2020 using Surtax funding in the amount of \$1,221,532. The second part of this project will provide replacement of electrical coupler head and draft gear assemblies for current and retrofitted Metromover vehicles to enable 2-car train operations which will increase passenger load, improve reliability, and ensure safe train retrieval, being funded with Charter County Transportation Surtax Funds of \$1,429,549. The estimated total capital cost of the Metromover vehicle mid-life overhaul project is \$2,651,081.
- Metromover and Metrorail SCADA and Ethernet Switches Replacement (IRP319) project with an estimated cost of \$2,989,000 (\$2,563,000 in Charter County Transportation Surtax Funds and \$426,000 in Federal Transit Administration (FTA) Funds). The project will encompass the procurement and installation of Ethernet switches to improve cybersecurity protections compliant with current cybersecurity standards.

## Recommendation

It is recommended that the Board approve the resolution by the Citizens' Independent Transportation Trust recommending an amendment to the FY 2025-29 Five-Year Implementation Plan Update of the People's Transportation Plan (PTP) to add the Metromover

Vehicle Mid-life Overhaul (IRP300) project and the Metromover and Metrorail SCADA and Ethernet Switches Replacement (IRP319) project.

**Scope**

The Metromover system is located within Districts 3 and 5, which are represented by Commissioner Keon Hardemon and Commissioner Vicki L. Lopez, respectively. The Metrorail system is located within District 2, represented by Commissioner Marleine Bastien; District 3, represented by Commissioner Keon Hardemon; District 5, represented by Commissioner Vicki L. Lopez; District 6, represented by Commissioner Natalie Milian Orbis; District 7, represented by Commissioner Raquel A. Regalado; District 8, represented by Commissioner Danielle Cohen Higgins; and District 13, represented by Commissioner Rene Garcia. However, both systems serve riding public, and therefore, scope of this item is countywide in nature.

**Delegation of Authority**

Pursuant to Section 2-8.3 of the County Code, there are no delegations of authority beyond those specified in the attached resolution.

**Fiscal Impact/Funding Source**

The estimated total cost of the Metromover Vehicle Mid-life Overhaul (IRP300) project is \$2,651,081. The project is included in the County's FY 2025-26 Adopted Budget and Multi-Year Capital Plan under Program No. 673910. Site No. 3002476.

The estimated total cost of the Metromover and Metrorail SCADA and Ethernet Switches Replacement (IRP319) project is \$2,989,000 (\$2,563,000 in PTP funds and \$426,000 in FTA funds). The project is included in the County's FY 2025-26 Adopted Budget and Multi-Year Capital Plan under Program No. 2000000104, Site No. 3002478.

**Track Record/Monitor**

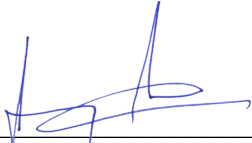
The projects will be monitored by the Miami-Dade County Department of Transportation and Public Works (DTPW) Program Management Office and the assigned DTPW project manager.

**Background**

DTPW's Metromover Vehicle Mid-life Overhaul (IRP300) project overhauls and replaces subsystems, equipment, and components that are vital to the safe and reliable operation of the Metromover fleet including but not limited to traction motors, vehicle brake system, door system, vehicle coupler assemblies, pneumatic air compressors, current collectors, propulsion system components, and interior flooring system. These essential components have exceeded their 10-year life-cycle expectancy. This project will provide complete Electrical Coupler Head and Draft Gear Assemblies for current and retrofitted Metromover vehicles to enable 2-car train operations which will increase passenger load, improve reliability, and ensure safe train retrieval. This investment addresses serviceability issues and mitigates risks from tariffs and unforeseen delivery costs.

Honorable Chairman Anthony Rodriguez  
and Members, Board of County Commissioners  
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The Metromover and Metrorail SCADA and Ethernet Switches Replacement (IRP319) project is needed to ensure the system is following current cybersecurity standards including the National Institute of Standards and Technology (NIST), Cybersecurity Framework (CSF), CISA - Cybersecurity and Infrastructure Security Agency, all applicable Federal CFRs, Florida State cybersecurity statutes, and all applicable County policies.



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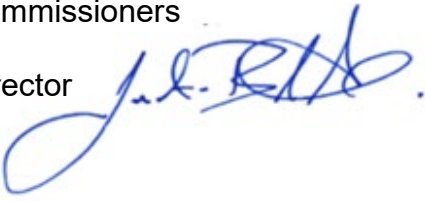
Jimmy Morales  
Chief Operating Officer



## Memorandum

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**To:** Honorable Chairman Anthony Rodriguez  
and Members, Board of County Commissioners

**From:** Javier A. Betancourt, Executive Director 

**Date:** December 22, 2025

**Re:** Resolution by the Citizens' Independent Transportation Trust recommending an Amendment to the FY 2025-29 Update of the Five-Year Implementation Plan of the People's Transportation Plan (PTP) to include Metromover Vehicle Mid-Life Overhaul Project (IRP300) and Metromover and Metrorail SCADA and Ethernet Switches Replacement Project (IRP319)

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The purpose of this memorandum is to present an amendment to the FY2025-29 Five-Year Implementation Plan update of the People's Transportation Plan (PTP) to add Metromover Vehicle Mid-Life Overhaul Project (IRP300) and Metromover and Metrorail SCADA and Ethernet Switches Replacement Project (IRP319) which will be funded by the Charter County Transportation System Surtax funds.

In accordance with Ordinance 02-116, it is necessary to amend the Five-Year Implementation Plan of the People's Transportation Plan (PTP) to include the Fare Collection System Replacement project before the project can be eligible for Charter County Transportation Surtax funding. If approved, this project will be included in the twelfth annual update of the five-year implementation plan.

**Metromover Vehicle Mid-Life Overhaul Project (IRP300)** - The Department of Transportation and Public Works' (DTPW) existing Metromover vehicles need overhaul and replacement of subsystems, equipment, and components that are vital to the safe and reliable operation of the Metromover fleet including but not limited to traction motors, vehicle brake system, door system, vehicle coupler assemblies, pneumatic air compressors, current collectors, propulsion system components, and interior flooring system. These essential components have exceeded their 10-year life-cycle expectancy. This project was divided into two individual parts. The first part, interior flooring replacement for the Metromover vehicles was completed as part of safety improvements through the IRP program in 2020 using Surtax funding in the amount of \$1,221,532.

The second part of this project will provide replacement of electrical coupler head and draft gear assemblies for current and retrofitted Metromover vehicles to enable 2-car train

operations which will increase passenger load, improve reliability, and ensure safe train retrieval. This project addresses serviceability issues and mitigates risks from tariffs and unforeseen delivery costs. The estimated capital cost of this portion of the project is \$1,429,549 being funded with Charter County Transportation Surtax Funds. The total capital cost of the Metromover Vehicle Mid-Life Overhaul project in its entirety is \$2,651,081.

**Metromover and Metrorail SCADA and Ethernet Switches Replacement Project (IRP319)** - DTPW needs to ensure that the Metromover and Metrorail SCADA and Enterprise network systems comply with current cybersecurity standards, including NIST Cybersecurity Framework (CSF), Cybersecurity and Infrastructure Security Agency (CISA) guidelines, applicable Federal regulations, Florida State cybersecurity statutes, and relevant County policies. The Metromover and Metrorail SCADA and Ethernet Switches Replacement project include procurement and installation of new Ethernet switches to replace obsolete switches, thereby improving network security and ensuring compliance with current cybersecurity standards. The estimated capital cost of the project is \$2,989,000 with \$2,563,000 being funded by Charter County Transportation Surtax Funds, and \$426,000 via federal funds.

Accordingly, these two projects are critical for maintaining and enhancing transit operations and system safety. In accordance with Ordinance 02-116, it is necessary to amend the Five-Year Implementation Plan of the People's Transportation Plan (PTP) to include Metromover vehicle mid-life overhaul, and Metromover and Metrorail SCADA and ethernet switches replacement projects before they can be eligible for Charter County Transportation Surtax funding.

Your approval and adoption is recommended. The project detail forms with project information are herein incorporated by reference and attached. If you have any questions, or need additional information, please do not hesitate to contact me.

Attachment

- c: Jimmy Morales, COO, Office of the Mayor
- Stacey L. Miller, PE., Director/CEO, Department of Transportation and Public Works
- Bruce Libhaber, Assistant County Attorney

# **ATTACHMENT**

Metromover Vehicle Mid-Life Overhaul			
<b>Department</b>	Transit	<b>PTP Category</b>	Post-unification
<b>Project Category</b>	Rapid Transit Improvements	<b>Project Phase</b>	Procurement
<b>Project Begin Date</b>	3/2/2020	<b>Phase Begin Date</b>	7/1/2024
<b>Project Implementation Date</b>	9/4/2029	<b>Phase End Date</b>	7/31/2026
<b>Project Completion Percentage</b>	35%	<b>Phase Completion Percentage</b>	0%
<b>Amount by Funding Source(s)</b>	PTP- \$2,651,081	<b>Project/Contract No.</b>	IRP300/TBD
<b>Amount Spent as of 9/30/2024</b>	\$1,221,532	<b>Commission District(s)</b>	Countywide
<b>Capital Budget Project #</b>	673910	<b>Site #</b>	3002476

**Project Description:**

The Metromover vehicle mid-life overhaul includes replacement or overhaul of vehicle subsystems, equipment, and components vital to the safe and reliable operation of the twenty-nine (29) Metromover vehicle fleet. This includes but is not limited to traction motors, vehicle brake system, door system, vehicle coupler assemblies, pneumatic air compressors, current collectors, propulsion system components, and interior flooring system. These essential components have exceeded their 10-year life-cycle expectancy.

**Project Status:**

The interior flooring replacement for the Metromover vehicles was completed as part of safety improvements through the IRP program in 2020 with Surtax funding of \$1,221,532.

The Surtax funding of \$1,429,549 being requested will be utilized to purchase fifty (50) new electric coupler assemblies for twenty-five (25) Metromover vehicles in service, plus two (2) spare units to address deficiencies incurred on these essential components that have exceeded their 10-year life expectancy cycle. The project is currently in procurement.

**Fiscal Impact:**

Fiscal Year	PTP Cost Estimate	Cost Increase (Decrease)	Actual PTP Expenditures	Estimated Remaining PTP Balance	Completion Date
FY 2024	\$2,651,081	-	\$1,221,532	\$1,429,549	September 2029

Metromover and Metrorail SCADA and Ethernet Switches Replacement			
<b>Department</b>	Transit	<b>PTP Category</b>	Post-unification
<b>Project Category</b>	Rapid Transit Improvements	<b>Project Phase</b>	Procurement
<b>Project Begin Date</b>	12/29/2025	<b>Phase Begin Date</b>	12/29/2025
<b>Project Implementation Date</b>	9/28/2029	<b>Phase End Date</b>	12/29/2026
<b>Project Completion Percentage</b>	0%	<b>Phase Completion Percentage</b>	0%
<b>Amount by Funding Source(s)</b>	FTA- \$426,000 PTP- \$2,563,000 Total- \$2,989,000	<b>Project/Contract No.</b>	IRP319/TBD
<b>Amount Spent as of 9/30/2024</b>	\$426,000	<b>Commission District(s)</b>	Countywide
<b>Capital Budget Project #</b>	2000000104	<b>Site #</b>	3002478

**Project Description:**

The Metromover and Metrorail Scada and Ethernet switches replacement project replace the obsolete network switches to provide cybersecurity protection compliant with current cybersecurity standards. The new network equipment will allow for more secure communications between the Metrorail, Metromover stations and central control facility while improving protection and reducing network complexity and maintenance costs. Phase 1 of the project installed the network switches in all the Metrorail stations using the FTA grant funds.

**Project Status:**

Project technical specifications document and cost estimates are being developed to begin the procurement process.

**Fiscal Impact:**

Fiscal Year	PTP Cost Estimate	Cost Increase (Decrease)	Actual PTP Expenditures	Estimated Remaining PTP Balance	Completion Date
FY 2024	\$2,563,000	-	\$0	\$2,563,000	September 2029

RESOLUTION NO. 25-024

RESOLUTION BY THE CITIZENS' INDEPENDENT TRANSPORTATION TRUST (CITT) RECOMMENDING TO THE BOARD OF COUNTY COMMISSIONERS (BCC), AN AMENDMENT TO THE FY 2025-29 UPDATE OF THE FIVE-YEAR IMPLEMENTATION PLAN OF THE PEOPLE'S TRANSPORTATION PLAN (PTP) TO INCLUDE THE METROMOVER MID-LIFE OVERHAUL PROJECT AND THE METROMOVER AND METRORAIL SCADA AND ETHERNET SWITCHES REPLACEMENT PROJECT FUNDED BY CHARTER COUNTY TRANSPORTATION SURTAX FUNDS

**WHEREAS**, it is necessary to amend the Five-Year Implementation Plan of the People's Transportation Plan (PTP) to include the Metromover Mid-Life Overhaul Project and the Metromover and Metrorail SCADA and Ethernet Switches Replacement Project before the projects can be eligible for Charter County Transportation Surtax funding; and

**WHEREAS**, the Department of Transportation and Public Works' (DTPW) existing Metromover vehicles need overhaul and replacement of subsystems, equipment, and components that are vital to the safe and reliable operation of the Metromover fleet. The Metromover Vehicle Mid-life Overhaul project includes replacement of electrical coupler head and draft gear assemblies for current and retrofitted Metromover vehicles to enable 2-car train operations which will increase passenger load, improve reliability, and ensure safe train retrieval; and,

**WHEREAS**, the Metromover and Metrorail SCADA and ethernet switches replacement project replace the obsolete ethernet switches to improve network cybersecurity protection, and ensure compliance with current cybersecurity standards; and,

**WHEREAS**, the proposed projects are critical for maintaining and enhancing transit operations to extend and enhance transit service and safety; and

**WHEREAS**, DTPW desires to use Charter County Transportation Surtax funding in the amount of \$1,429,549 and \$2,563,000 for the Metromover Mid-Life Overhaul Project, and the Metromover and Metrorail SCADA and Ethernet Switches Replacement Project, respectively; and

**NOW, THEREFORE, BE IT RESOLVED BY THE CITT**, that this Trust recommends approval of an amendment to the Fiscal Years 2025-29 update of the Five-Year Implementation Plan to include the Metromover Mid-Life Overhaul Project and the Metromover and Metrorail SCADA and Ethernet Switches Replacement Project funded by Charter County Transportation Surtax Funds.

The foregoing resolution was offered by the Hon. Peggy Bell, who moved its adoption. The motion was seconded by David Marin and upon being put to vote, the vote was as follows:

Mary Street, Esq., Chairperson – Aye  
Hon. Peggy Bell, 1<sup>st</sup> Vice Chairperson – Aye  
Meg Daly, 2<sup>nd</sup> Vice Chairperson – Absent

Omar K. Bradford, Esq. – Aye  
Qjuezari Harvey – Aye  
Kenneth Kilpatrick – Absent  
Miguel Murphy – Aye  
Paul J. Schwiep, Esq. – Absent

Robert Wolfarth – Absent  
Harry Hoffman – Aye  
David Marin – Aye  
Robert Ruano – Aye

The Chairperson thereupon declared the resolution duly passed and adopted this 17<sup>th</sup> day of December 2025.

Approved by the County Attorney as \_\_\_\_\_  
to form and legal sufficiency *Bruce Zilhaber*

By:   
Executive Director



## Notice of Public Hearing

Notice is hereby given that a public hearing will be held by the **Transportation Committee** of the Miami-Dade County Board of County Commissioners in the Commission Chambers, second floor, 111 NW First Street, Miami, Florida, during a meeting to begin at approximately **9:00 AM on February 3<sup>rd</sup>, 2026**, to consider an amendment to the FY 2025-29 Five Year Implementation Plan Update of the People's Transportation Plan (PTP).

The Citizens' Independent Transportation Trust (CITT) is recommending an amendment to the FY 2025-29 Five Year Implementation Plan Update of the Peoples Transportation Plan to include the Metromover Vehicle Mid-Life Overhaul project (IRP300) and Metromover and Metrorail SCADA and Ethernet Switches Replacement project (IRP319), funded by Charter County Transportation Surtax Funds.

Department of Transportation and Public Works (DTPW) needs to overhaul and replace subsystems, equipment, and components that are vital to the safe and reliable operation of the Metromover fleet that have exceeded the design life expectancy. Metromover Vehicle Mid-Life Overhaul project will provide electrical coupler head and draft gear assemblies for Metromover vehicles to enable 2-car train operations which will increase passenger load, improve reliability, and ensure safe train retrieval. Metromover and Metrorail SCADA and Ethernet Switches Replacement project encompass installation of ethernet switches to improve cybersecurity protections compliant with current cybersecurity standards and all applicable Federal, State and County policies. These projects are critical for maintaining and enhancing transit operations, safety, improving customer service and reliability.

At the hearing, the Transportation Committee will afford an opportunity for interested persons or agencies to be heard with respect to the social, economic, and environmental aspects of this project. Interested persons may submit orally, or in writing, evidence and recommendations with respect to said project.

A person who decides to appeal any decision made by any board, agency, or commission with respect to any such matter considered at its meeting or hearing will need a record of all proceedings. Such person may need to ensure that a verbatim record of the proceedings is made, including testimony and evidence upon which the appeal is based. Miami-Dade County provides equal access and equal opportunity in employment and does not discriminate on the basis of disability in its programs or services. Auxiliary aids and services for communication are available with advance notice. For material in alternate format, a sign-language interpreter, or other accommodations, please contact Nya Lake at (305) 375-1357.

All interested parties are invited to attend. For copies of the PTP Plan and/or for further information, please contact the Office of the Citizens' Independent Transportation Trust, Stephen P. Clark Center, 111 NW First Street, Miami, Florida 33128, phone: 305-375-1357; e-mail: [citt@miamidade.gov](mailto:citt@miamidade.gov); website: [www.miamidade.gov/citt](http://www.miamidade.gov/citt). It is the policy of Miami-Dade County to comply with all requirements of the Americans with Disabilities Act.



**MEMORANDUM**  
(Revised)

**TO:** Honorable Chairman Anthony Rodriguez  
and Members, Board of County Commissioners

**DATE:** March 3, 2026

**FROM:**   
Gen Bonzon-Keenan  
County Attorney

**SUBJECT:** Agenda Item No. 10(A)(1)

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 present \_\_\_\_, 2/3 membership \_\_\_\_, 3/5’s \_\_\_\_, unanimous \_\_\_\_, majority plus one \_\_\_\_, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) \_\_\_\_, CDMP 2/3 vote requirement per 2-116.1(3) (h) or (4)(c) \_\_\_\_, CDMP 9 vote requirement per 2-116.1(4)(c) (2) \_\_\_\_)** 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. 10(A)(1)  
3-3-26

RESOLUTION NO. \_\_\_\_\_

RESOLUTION APPROVING AN AMENDMENT TO THE FY  
2025-29 FIVE-YEAR IMPLEMENTATION PLAN UPDATE OF  
THE PEOPLE’S TRANSPORTATION PLAN (PTP) TO  
INCLUDE THE METROMOVER MID-LIFE OVERHAUL  
PROJECT AND THE METROMOVER AND METRORAIL  
SCADA AND ETHERNET SWITCHES REPLACEMENT  
PROJECT FUNDED BY CHARTER COUNTY  
TRANSPORTATION SURTAX FUNDS

**WHEREAS**, the Citizens’ Independent Transportation Trust (“Trust”), pursuant to section 29-124 of the Code of Miami-Dade County, recommends an amendment to the Five-Year Implementation Plan of the People’s Transportation Plan (PTP) to add the Metromover Mid-Life Overhaul Project and the Metromover and Metrorail Supervisory Control and Data Acquisition (SCADA) and Ethernet Switches Replacement project; and

**WHEREAS**, a public hearing was held; and

**WHEREAS**, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA**, that this Board hereby approves the attached amendment to the FY 2025-2029 Five-Year Implementation Plan update of the People’s Transportation Plan (PTP) to add the Metromover Mid-Life Overhaul project and the Metromover and Metrorail SCADA and Ethernet Switches Replacement project funded by Charter County Transportation Surtax Funds in substantially the form attached to the Mayor’s memorandum and made a part hereof.

The foregoing resolution 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:

Anthony Rodriguez, Chairman	
Kionne L. McGhee, Vice Chairman	
Marleine Bastien	Juan Carlos Bermudez
Sen. René García	Oliver G. Gilbert, III
Roberto J. Gonzalez	Keon Hardemon
Danielle Cohen Higgins	Vicki L. Lopez
Natalie Milian Orbis	Raquel A. Regalado
Micky Steinberg	

The Chairperson thereupon declared this resolution duly passed and adopted this 3<sup>rd</sup> day of March, 2026. 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

JUAN FERNANDEZ-BARQUIN, CLERK

By: \_\_\_\_\_  
Deputy Clerk

Approved by County Attorney as  
to form and legal sufficiency.



Bruce Libhaber