


Date: May 31, 2022

To: Honorable Chairman Jose “Pepe” Diaz
and Members, Board of County Commissioners

From: Daniella Levine Cava
Mayor 

Subject: Update to Status Report – Plan for Federal Funding under the Infrastructure Investment and Jobs Act – Directive No. 212585

This report updates the Status Report, dated April 14, 2022, in response to Resolution No. R-1055-21, which directed the County Mayor to create a plan, subject to Board approval, for seeking and allocating funds that the Infrastructure Investment and Jobs Act (the “Infrastructure Act”) makes available and provide a written report. The Status Report is Item 2B4 on tomorrow’s BCC agenda. The purpose of this update is to provide information regarding applications submitted as well as funds already allocated and/or received.

I. PortMiami has submitted several applications:

A. RAISE 1

- PortMiami Net Zero Program: Cargo Supply Chain Master Plan
- Total project cost: \$7,500,000
- Funding request: \$5,000,000 (66.6%)
- Project: Development of a master plan for the Net Zero Program, including the development of all inland port activities

B. RAISE 2

- PortMiami Net Zero Program: Cargo Mobility Optimization and Resiliency Project
- Total project cost: \$40,199,768
- Funding request: \$16,000,000 (40%)
- Projects: (1) Expansion of Intermodal Rail Capacity by adding two additional rail tracks and electric wide span gantry cranes over the tracks, and (2) Cargo Gate Optimization by modernization of one cargo gate

C. PIDP

- PortMiami Net Zero Resilient Supply Chain Program: Cargo Mobility Optimization and Electrification Project
- Total project cost: \$80,615,833
- Funding request: \$40,000,000 (50.38%)
- Projects: (1) Expansion of Intermodal Rail Capacity as described above, (2) Cargo Gate Optimization by modernization of two cargo gates, (3) Reefer Racks Densification and Electrification Project, and (4) Switchgear component for shore power for cruise vessels

D. MEGA and INFRA

- PortMiami Net Zero Resilient Supply Chain Program: Cargo Mobility Optimization, Electrification, Densification, and Inland Port Project
- Project cost: \$444,145,468
- Funding request: \$266,487,281 (60%)
- Projects: (1) Central Cargo Support Core, (2) Cargo Yard Expansion, (3) Improvements to Three Cargo Yards, (6) Cargo Railyard Improvements, (7) Off-dock Logistics Support Yard, and (8) Inland Logistic and Distribution Center
- This targets the supply chain issues through increased capacity of the Intermodal Rail yard by adding two additional rail tracks and electric wide span gantry cranes over the tracks. Modernization of 2 cargo gates (POMTOC and Seaboard), increased capacity of Reefer Racks at Seaboard. Conversion to RTGs (electric and hybrid) at POMTOC and Seaboard. Demolition of two old sheds (E and G). Reconfiguration of the central cargo core area to create more land for ancillary facilities. Construction of a parking garage for cargo operations staff. Conversion of UTRs and light vehicles to electric fleets at SFCT. Complete development of an off-dock logistics terminal and development of an inland logistics and export consolidation center. The “inland” ports include: intermodal rail yard, rail laydown, eRTG stacks, valet and reefer stacks, gate complex, truck charging station, truck parking and rest stop, wetlands, and ancillary facilities of drone deployment, trouble resolution area, administrative offices, a workforce training center, parking, maintenance facilities, utilities (electrical substation, network, water/sewer), CBP federal inspection facility, equipment/spare part storage/parking and on-site medical services.

II. Miami-Dade Aviation has received an initial \$43,300,000 allocation in formula funding under the Infrastructure Act. The Department is working to submit two projects totaling \$33,938,484 to the FAA for funding under this allocation:

- MIA Central Terminal E-H Ticket Counters Replacement
- MIA Lower Cc E, E Satellite and DE Connector Stucco Replacement, Exterior Painting, Lightning Protection and VDGS

III. DTPW

a. The Department has received \$110,716,949 in formula funding under the Infrastructure Act, in the following categories:

- i. Urbanized Area Formula Program - \$63,419,576
- ii. State of Good Repair - \$42,436,691
- iii. Bus and Bus Facilities - \$ 4,860,682

b. The Department submitted a RAISE application for the following:

- i. Venetian Causeway Bridge Replacement Phase 1 (Bridges 7 – 12)
- ii. Total Project Cost: \$96,051,147
- iii. Funding Request: \$25,000,000

c. The Department submitted a Bus and Bus Facility Grant under the Low or No Emission grant program.

- i. Purchase of twelve (12) new sixty-foot battery-electric to replace older diesel model series buses that have reached and/or exceeded their useful life and six (6) chargers.
 - ii. Total Project Costs: \$17,100,000
 - iii. Funding Request: \$8,550,000 (50%)
- IV. WASD - Congresswoman Frederica Wilson submitted a priority funding request through the 2022 Water Resources Development Act (WRDA) budget process for the following proposal:
 - a. Miami-Dade County Connect 2 Protect - Expansion of Sanitary Sewer to Priority Areas is intended to expand the sanitary sewer system to priority areas including key commercial corridors and areas where septic systems are vulnerable to malfunction due to rising groundwater caused by climate-induced sea level rise.
 - b. Total Project Cost: \$233,429,811
 - c. Funding Request: \$184,000,000 (79%)
- V. RER - National Electric Vehicle Infrastructure Formula Program
 - a. The National Electric Vehicle Infrastructure Program will provide funding to states to deploy electric vehicle charging infrastructure along designated Alternative Fuel Corridors. Three roadways within Miami-Dade County are currently identified as Alternative Fuel Corridors by the Federal Highway Administration (FHWA): the Florida Turnpike, Interstate 95, and Interstate 75. Pursuant to Board Resolution No. R-378-22, the County coordinated with the South Florida Regional Planning Council on submission of an application to FHWA on May 13, 2022 to designate US Highway 1 as an Alternative Fuel Corridor, thereby making it eligible for funding under the NEVI program.

In addition to applications for programs under the Infrastructure Act, we also worked to submit infrastructure projects for possible budget earmarks by our Congressional delegation. The following proposed earmarks were in fact submitted by members of the Miami-Dade Congressional delegation to the House Appropriations Committee:

- Three earmarks for WASD totaling \$10.5 million for septic to sewer Connect 2 Protect projects (Diaz-Balart, Gimenez and Wilson). This includes a proposal developed in partnership with the Village of El Portal and Miami Shores Village, who committed matching funds;
- One earmark for DTPW for \$3 million for work on Card Sound Road (Gimenez);
- One earmark for PortMiami for \$2 million for the shore power project (Salazar); and
- Four earmarks for RER-DERM totaling \$6.33 million for two stormwater drainage projects, a canal remediation in Opa Locka, and Biscayne Bay Ecological Assessment and Monitoring (Diaz-Balart, Gimenez, Salazar and Wilson).

The appropriation bills must be adopted by the House of Representatives in order for the earmarks to be funded. Should control of the House of Representatives change after the November elections, the appropriation bills would need to be passed before the end of the year.

Additionally, the State has chosen to allocate Coronavirus State and Local Recovery Funds to resilience projects, through the Resilient Florida Grant Program. On February 1, Governor DeSantis announced

resilience projects that his administration has awarded funding to through this grant program. Of the \$404 million available statewide, \$160 million was allocated to projects in Miami-Dade County. Of that, \$77.9 million will support 13 County projects. The remaining \$73 million will support 20 municipal projects. The County projects recommended for funding cover many areas of the community and will help protect our drinking water infrastructure, fund septic to sewer projects, improve canals along the Little River, acquire buffering lands in South Dade, and protect our parks and critical facilities, including key County buildings and fire stations. A list of the thirteen projects is attached hereto as Exhibit A.

Please note that many specific funding opportunities have either (i) not yet been announced, (ii) not had specific guidelines and requirements issued, or (iii) no deadline has yet been set for applications. Furthermore, many of the programs that have been announced will be distributing the funds in equal portions over a five year period, with separate application processes in each year. We will look to submit competitive applications in each of those years. For example, while we submitted a PortMiami project for the MEGA and INFRA grants this year under a common application issued by the Federal government, we will be looking to see if one of our SMART Plan corridors would be a good candidate next year.

With respect to any applications for funds, each department works with OMB to make sure that any required matching dollars are clearly identified. In the upcoming FY2023 budget, we will certainly include as a line item matching dollars for future applications under the Infrastructure Act, as well as any other funding sources.

Finally, we have also been working with our municipalities to help them identify projects and possible funding sources at the federal and state levels. My intergovernmental team participates actively with the Infrastructure Working Group and provides outreach to the cities on these issues. As noted above, WASD partnered with El Portal and Miami Shores on applications for Connect 2 Protect earmark funding. Furthermore, the Miami-Dade Congressional delegation submitted earmarks to the House Appropriations Committee for infrastructure projects (e.g. water & sewer, stormwater drainage, electrification, flood mitigation, traffic mitigation) on behalf of Cutler Bay, Hialeah, Homestead, Key Biscayne, Medley, Miami, Miami Gardens, Miami Lakes, Pinecrest and Sweetwater.

If additional information is needed, please contact Chief Operations Officer Jimmy Morales at 305-375-2531.

Attachment

- c: Geri Bonzon-Keenan, County Attorney
- Gerald K. Sanchez, First Assistant County Attorney
- Jess M. McCarty, Executive Assistant County Attorney
- Office of the Mayor Senior Staff
- Department Directors
- Jennifer Moon, Chief, Office of Policy & Budgetary Affairs
- Adeyinka Majekodunmi, CPA, Commission Auditor
- Basia Pruna, Director, Clerk of the Board Division
- Eugene Love, Agenda Coordinator

Exhibit A

Resilient Florida Grant Program – Miami-Dade County Awarded Projects supported by federal funding

announced 2/1/2022

Dept	Project Name	grant funds	
18	WASD	Increasing the Resiliency of Drinking Water Infrastructure to Flooding and Storms	\$15,187,500
19	WASD	Schenley Park Septic to Sewer Conversion	\$27,500,000
20	RER-DERM	Secondary canal improvements in the Little River Basin to raise canal bank elevations to enhance storage, improve canal conveyance and outfalls to meet 2060 requirements with future sea level rise - Phase I	\$7,000,000
21	RER-DERM	Secondary canal improvements in the Little River Basin to raise canal bank elevations to enhance storage, improve canal conveyance and outfalls to meet 2060 requirements with future sea level rise - Phase II	\$5,200,000
23	RER-DERM	Roadway infrastructure improvements including building resilience by elevating roads to 2060 requirements with future sea level rise, and associated drainage improvements: NW 159th Street from NE 6th Ave to W Dixie HWY	\$7,500,000
24	RER-DERM	Buffering Lands Acquisition - Cutler Pit and Adjacent Wetlands (538 acres)	\$300,000
25	PROS	Haulover Park Western Shoreline Sea Level Rise and Flood Mitigation Project	\$670,140
26	PROS	Black Point Park and Marina Sea Level Rise and Flood Mitigation Shoreline Stabilization Project	\$765,000
27	PROS	Flooding and erosion control in the Lowland areas of Fairchild Tropical Botanic Garden	\$12,500,000
28	ISD	County Government Center (Stephen P. Clark Center) Stormwater Drainage Improvements	\$400,000
29	ISD	North Dade Chiller Plant - Critical Infrastructure Hardening	\$300,000
30	Cultural Affairs	Flood Resiliency for North Side of Vizcaya Museum and Gardens	\$260,615
31	Fire Rescue	Deployable Flood Barriers for Multiple Fire Stations	\$340,000
			\$77,923,255