

WATER, SEWER, ENVIRONMENTAL AND RESILIENCY INFRASTRUCTURE PROJECTS



Water Resources Task Force Meeting
October 21, 2021

AGENDA

- Introduction and Background
- Proposed Projects
- Discussion

INTRODUCTION AND BACKGROUND

Coronavirus Local Fiscal Recovery Fund

Allocations:

State of Florida: **\$8.8B**

Palm Beach County: **\$291M**

PBC Municipalities: **\$206M**

Allows governments to make necessary Investments in water, sewer, or broadband Infrastructure

“Necessary investments” are “designed to provide an adequate minimum level of service and are unlikely to be made using private sources of funds”

Eligible investments: wastewater treatment systems, stormwater systems, non-point source pollution controls, water conservation and reuse, severe weather resiliency projects, watershed pilot programs, water storage, security measures, etc.

INTRODUCTION AND BACKGROUND (CONT'D)

FISCAL STRATEGY APPROVED JULY 2021 BY BOARD OF COUNTY COMMISSIONERS

AMERICAN RESCUE PLAN ACT FISCAL STRATEGY – FORECASTED EXPENDITURES		
Activity	Description	Proposed
Behavioral Health	Infrastructure improvements to the behavioral health system of delivery within Palm Beach County	\$10,000,000
Broadband/Cybersecurity Infrastructure	Expand broadband and enhance cybersecurity infrastructure	\$43,000,000
General Government Expenses	PPEs, marketing and public education messaging, staffing, BCC and Constitutional Officers COVID-19 related expenses	\$4,000,000
Housing	Increase retention and supply of Affordable and Workforce Housing	\$60,000,000
Hunger Relief Infrastructure	Pantry infrastructure, support to extend the life of food, and other related projects. (i.e. refrigerators/equipment, IT support, hydroponics)	\$10,000,000
Testing, Vaccines, and Antibodies	COVID-19 and Antibodies Testing, vaccine support, etc.	\$3,000,000
Infrastructure - County Buildings	Building HVAC Systems, EOC Connection, and other applicable projects	\$35,330,026
Infrastructure - Water, Environmental, and Resiliency	Investments in water, sewer, stormwater, and other eligible resiliency projects including Parks Sewer to Septic Conversion and Stormwater Infrastructure	\$75,000,000
Infrastructure - Culture	Matching dollars for major or new infrastructure cultural projects	\$4,000,000
Revenue Replacement	Replace County revenues as outlined in U.S. Treasury guidelines to cover capital and some operating expenditures	\$46,400,000
Total		\$290,730,026



PROPOSED PROJECTS



American Rescue Plan Act

Project	Amount	Description
Water Resources Infrastructure Capital Investment Plan	\$500,000	Prepare a plan to assist in strategizing and prioritizing future County investments in stormwater and water quality infrastructure to increase resilience to extreme events and address non-point source pollution.
Loxahatchee River Wetland Attenuation Feature	\$8M	Construction of a shallow impoundment / wetland attenuation feature on a portion of the ~1,700-acre Mecca Property owned by the South Florida Water Management District.
L-8 Basin Stormwater Management Improvements	\$8M	Construction of a shallow impoundment and conveyance infrastructure to improve the management and quality of stormwater in the L-8 Basin, improve resilience to severe weather events and enhance regional water supplies.

PROPOSED PROJECTS (CONT'D)

American Rescue
Plan Act



Project	Amount	Description
South Lake Worth Inlet Seawall Replacement	\$11M	Replacement of up to 1,140 linear feet of seawall within the County's Ocean Inlet Park to improve coastal resiliency, maintain tidal exchange and Lake Worth Lagoon water quality, help alleviate storm surge and flooding, facilitate inlet and coastal management, protect hurricane evacuation route (A1A), protect park amenities and maintain navigation.
Stormwater Pond Enhancements to Improve Water Quality	\$1M	Enhance the nutrient removal performance of County-owned stormwater ponds.
C-51 Canal Water Quality Treatment and Sediment Removal	\$5M	Improve water quality of stormwater discharges to the Lake Worth Lagoon via temporary or permanent infrastructure to manage/remove/treat nutrients/sediment in the C-51 Canal prior to discharge to Lake Worth Lagoon.

PROPOSED PROJECTS (CONT'D)

American Rescue
Plan Act

Project	Amount	Description
Septic System Upgrade or Conversion to Central Wastewater Treatment	\$11M	Improve water quality through: 1) replacement of existing septic tanks with nutrient reducing systems, and/or 2) conversion of septic tanks to central wastewater treatment; includes \$4.5 million for septic tank conversion/upgrade at County parks; Other priority areas are Lake Worth Lagoon and Loxahatchee River watersheds, areas with adopted or imminent Total Maximum Daily Loads (TMDLs), and other nutrient “hot spots.”
Green Cay Phase 2	\$10M	Approximately 63 acres of park green space and lakes adjacent to existing Green Cay wetlands; 8 new drinking water wells and associated water mains; A new education center and state-of-the-art 4 million gallon per day (MGD) water purification facility which will provide near potable-quality water.
Pal Mar/ Environmentally Sensitive Land Acquisition	\$4M	Acquisition (via willing sellers) and restoration of environmentally sensitive lands, including submerged lands, wetlands, etc.; Priority is land adjacent to County-owned environmentally-sensitive lands to enable efficient and consistent ecosystem restoration activities and stormwater/land management.

PROPOSED PROJECTS (CONT'D)

American Rescue Plan Act

Project	Amount	Description
Central Palm Beach County Historical Infrastructure Improvement Program	\$3M	Create a matching grant program to leverage County and municipal funds for planning and modifications to current roadway, stormwater and wastewater infrastructure, which will mitigate flooding and pollutant loading to local waters; Projects enabling long-term economic development will be prioritized.
Corbett Levee Phase 2 Improvements	\$2M	Assist in funding necessary repairs/improvements to the eastern ~3 mile section of the Corbett Levee (between J.W. Corbett Wildlife Management Area and Indian Trail Improvement District). Total estimated cost is \$9.3 million.
Backflow Preventers and Oil and Grease Interceptors	\$300,000	Create a matching fund program to support Glades Region customers to install Backflow Preventers (BP) and Oil and Grease Interceptors (OGI); Non-residential customers are required to have both devices; Approximately 668 customers would be eligible for this service.

PROPOSED PROJECTS (CONT'D)

American Rescue
Plan Act



Project	Amount	Description
CCRT Stormwater Improvements	\$2.643M	Country Club Acres West; Tradewinds Estates; Lake Belvedere Estates; Dillman Heights; Pleasant Ridge & June Terrace; Cannongate; Highview Rd., Highland Rd., Ridge Rd. from Washington Ave. to Overlook Rd.
Non-CCRT Stormwater Improvements	\$6.237M	Florida Mango Rd. & Cambodiana Rd.; Boca Rio Rd. Canal Crossing; Orchard Dr. & Jasmine Dr.; Toney Penna; Jupiter Plantation Ditch; Pheasant Walk; Pheasant Walk & Military Trail; Avenue L in Belle Glade.
IST Stormwater Improvements	\$1M	Congress Ave. north of Linton Blvd.; AIA from US1 to Donald Ross Rd.
Water Quality Enhancements of CCRT, Non-CCRT and IST Stormwater Improvements	\$400,000	Non-point source controls to improve the water quality of stormwater discharges.

PROPOSED PROJECTS (CONT'D)

American Rescue
Plan Act



Project	Amount	Description
Contingency Funding	\$920,000	Contingency Reserve Balance
TOTAL	\$75M	



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