

**CITY OF CORAL GABLES, FLORIDA  
2023-2024 BUDGET**

**PUBLIC WORKS**

**FISCAL YEAR 2023 MAJOR ACCOMPLISHMENTS**

- ✓ **General Services Administration Division.** The Division completed over 5,000 maintenance-related requests and was instrumental in the repairs needed to re-open the Coral Gables Country Club. 34 new street markers were created and installed at Pine Bay Estates. The focus on City cleanliness continues with pressure washing of 14 facilities, 41 fountains, 8 entranceways, monuments, public art, bronze statues and plaques and multiple parks. Additionally, 5 street end closure location repairs have been handled by our team in house. We continue to support all Public Works Divisions, Parks, Police, Fire and Special Events as needed. .
- ✓ **Customer Service.** The Central Administrative Division is averaging 1,800 monthly calls and has generated over 12,745 customer service requests to date.
- ✓ **Traffic Calming.** As part of the ongoing traffic calming efforts, Public Works has constructed 22 traffic calming devices to date.
- ✓ **Crosswalks and Sidewalks.** Public Works replaced over 1.5 miles of damaged sidewalks and installed 33 ADA detectable warning mats.
- ✓ **Recycling Drive-Thru Events.** The City held another two very successful recycling drive-thru events in FY23 (October 22 and April 22). Over the last 8 years, the City has collected and diverted over 400,000 pounds of household hazardous waste, electronic waste, sensitive documents, and clothing from entering the landfill and potentially the environment.
- ✓ **Energy Efficiency.** Through various energy efficiency measures (conversion of indoor/outdoor lighting to LED fixtures, installation of high efficiency HVAC, and Energy Star certified equipment, etc.), the City has lowered energy consumption in its facilities by over 15% since 2019.
- ✓ **Water Efficiency.** Through various water efficiency measures (installation of low flow toilets, faucets, installation of AMI meters, native landscaping, etc.), the City has lowered its overall water consumption (city facilities and irrigation) by over 4.35% since 2019. This percentage fluctuates due to added greenspace and new facilities.
- ✓ **Coral Gables Green Business Certification Program.** The City has certified 9 businesses (Coral Gables Art Cinema, Andromeda District, University of Miami, Avion Auto Spa, Jelly Places, Barakat Law, Lovvett, Quirch Foods, and I Know Science) as part of the City's Green Business Certification Program.

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**FISCAL YEAR 2023 MAJOR ACCOMPLISHMENTS – (Continued)**

- ✓ **Keep Coral Gables Beautiful Program.** The Keep Coral Gables Beautiful Program (KCGB) held over 36 community events/programs that included over 3,600 participants and 200 volunteers. KCGB also received a \$25,000 grant to help implement a Reverse Vending Machine at the War Memorial Youth Center to help increase and incentivize recycling, which includes a rewards incentive for participants to use at local businesses and the program was launched on November 16, 2022.
- ✓ **Electric Vehicle Charging Station Expansion.** Added an additional 13 Level II Dual Port charging stations/25 charging points within the new Minorca Garage. The City now has over 39 charging stations and 66 charging points located on City properties.
- ✓ **City-wide Landscaping Improvements.** The Greenspace Management Division planted over 50 new trees on City swales and public green spaces to provide additional shade and environmental benefits. Coordinated (5) community volunteer landscape beautification projects at historical entrance features and City properties in partnership with 'Keep Coral Gables Beautiful'; lead (2) public presentations at the Coral Gables Farmer's Market concerning landscape beautification of public space, and organized an Arbor Day celebration with the Landscape Beautification Advisory Board and Coral Gables Garden Club; and provided design and construction supervision of the re-landscaping of eleven city blocks of public right of way from Miracle Mile to Menores Street in the central business district (Ponce de Leon landscape project). Added flowering trees and new groundcovers to the existing streetscape of Miracle Mile and Ponce de Leon to revitalize the landscaping in highly trafficked areas of downtown.
- ✓ **Black Olive Treatment.** Treated 2,000 Black Olive trees in the City's urban forest for pest control as part of the ongoing Black Olive Staining Study to help with staining of sidewalks and property caused by mites and caterpillars feeding on trees.
- ✓ **Tree Maintenance.** The Greenspace Management Division managed the professional pruning of approximately 4,000 trees in public right of way to date.
- ✓ **Inflow & Infiltration.** The Utilities Division continues to improve/repair its wastewater pumping and transmission system to prevent stormwater and/or groundwater from infiltrating the sanitary sewer system. The Division rehabilitated over 12,000 linear feet of sanitary sewer main pipelines; performed 25 Sanitary Point Repairs and Rehabilitated 116 Sanitary Manholes.

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- ✓ **City's Storm Drainage System Maintenance.** In compliance with the National Pollutant Discharge Elimination System (NPDES) permit, the Utilities Division inspected and cleaned 46,776 linear feet of exfiltration trench and French drains. Of the City's storm drainage structures, 596 were inspected.
- ✓ **Sanitary Sewer Collection System.** The Utilities Division cleaned more than 155,000 linear feet of sewer main pipelines and 7,544 linear feet of laterals. As part of Miami-Dade County's Fats, Oils, and Grease (FOG) Program, the City cleans 60 critical segments monthly, resulting in an additional 45,000 linear feet.
- ✓ **Drainage Projects.** The Utilities Division performed in-house designs for 13 drainage construction projects, performed over 47 flood assessments and completed 8 new drainage projects consisting of the installation of new catch basins, French drains, and the rehabilitation of existing pipes.
- ✓ **Pump Station Maintenance and Rehabilitation.** The Utilities Division intensified their Pump Station Maintenance Program. Preventative maintenance visits have increased to 3 times per month, per station. The Division performed more than 1,200 routine visits. The City's supervisory control and data acquisition (SCADA) system has been analyzed and recommended for upgrade and the Division is currently in the process of upgrading the software and hardware to improve communications reliability. A total of 26 upgrades have already been completed. Additionally, 12 Sanitary Pump Stations have new electrical control panels. Currently, Sanitary Pump Stations: Cocoplum 3, Journey's End and PS-D are under construction for complete rehabilitation.
- ✓ **Street Sweeping.** In compliance with the National Pollutant Discharge Elimination System (NPDES) permit, the Right-of-Way Division swept more than 13,740 miles of City's streets and alleyways and collected more than 3,999 cubic yards of debris and material.
- ✓ **Seaweed Cleanup.** Approximately 1,000 tons of debris and seaweed were collected and removed from City-maintained canals and waterways.
- ✓ **Fleet Availability.** Due to fleet modernization efforts, the City had a combined average of 97.5% fleet availability for all equipment types.

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- ✓ **Capital Improvement Projects Completed.** The division has completed the following: Projects: 427 Biltmore Way, Fink Studio, Whiteway Lights Phase I; Park Projects: Lamar Louise Curry, Salvadore, Pierce, and Maggiore Parks; Roof Projects: City Hall, War Memorial Youth Center, Country Club, Pump Station No. 4.
- ✓ **Solid Waste.** Improve the efficiency of Solid Waste service, operation and communication through the implementation of Rubicon, solid waste management system. Implementation is expected to commence May 1<sup>st</sup>. The management system automates routes, allows real-time logging of service exceptions and requests, and the recording and tracking of data including disposal tickets and daily vehicle inspections.
- ✓ **Solid Waste.** Successfully completed weekly back door garbage and recycling, and curbside trash collection for approximately 11,000 homes (approx. 2.3 million service touches), with an exception rate of less than 1%.

