

**SUSTAINABILITY AND RESILIENCY COMMITTEE PROJECTS PROGRESS REPORT**

	Project Name	District	Scope of Work	Project Budget	Current Status	Anticipated Completion
<b>Design</b>						
1	First Street Imp Alton & Washington	South Beach	Improvements on First Street to include complete roadway reconstruction, elevation of the roadway to a minimum 3.7 NAVD elevation, utility removal/replacement, new storm drainage line installation, new storm pump station (120,000 gpm), force main installation, landscaping and lighting. Drainage improvements on Alton Road from South Point Drive to 5th Street and Washington Avenue from South Point Drive to 5th Street.	\$24,000,000	Design is underway. Coordinating with SOFNA Traffic and Safety Committee the location of the storm pump station and outfall. Once the location of the pump station and outfall is selected will finalize the design.	Fall 2021
2	Indian Creek -Street Drainage Imp. - Phase III	Middle Beach	Storm water drainage improvements on Indian Creek Drive and side streets from 25 Street to 41 Street, including completing the stormwater pump station at 32nd Street. Final pavement restoration of the roadway and sidewalk on Collins Avenue between 25 Street and 26 Street; Rebuilding and raising the roadway and sidewalk on Indian Creek Drive between 26 Street and 41 Street and new street lighting, signage and pavement markings.	\$33,000,000	On July 2019 bids were received for construction of the entire length of the project in the amount of \$13.6 M and was awarded to Ricman Construction of Florida, pending execution of DFA amendment with FDOT for project funding. Project construction is anticipated to start in Nov 2019.	Fall 2021
3	Maurice Gibb Park Redesign (GOB)	Middle Beach	Renovation of the park to include soil remediation, a new playground with shade canopy, pavilion(s), a dog park, walkways, minor restroom renovations, landscaping with open sodded areas, irrigation, signage and park furnishings.	\$7,020,681	The updated 60% documents have been submitted and are being reviewed by staff. The permit applications for Army Corps of Engineers, FDEP and Miami Dade County DERM are being submitted to start the environmental permitting process. We have been notified by the permitting agencies that the environmental permitting process may require up to 12 months to obtain approval.	Spring 2022
4	Bayshore Park (Par 3) (GOB)	Middle Beach	A new passive community park to include environmental remediation, a central lake; open meadows and informal open play field areas; site grading; pavilion; 6 tennis courts with restroom facilities; children's playground; dog park; boardwalk and pathways; security lighting; vita course and fitness cluster; butterfly garden; linear water feature and parking lot. Resilient strategies proposed at the park include stormwater retention system, pervious pavement; solar panels for pedestrian lighting, energy efficient lighting and roof mounted solar panels.	\$21,160,190	Plans are complete expect the lake area, pending DERM comments and approval. Resiliency strategy may have to be re-evaluated. A meeting has been scheduled at DERM on September 26, 2019 at 10:00 am.	Spring 2021
5	Middle Beach Recreational Corridor Ph 3 (GOB)	Middle Beach	Construction of approximately 3,500 linear feet of an on-grade pedestrian walkway and the demolition of the existing wooden boardwalk from 24th to 45th street. Dune enhancements such as native dune vegetation species and beach compatible dune fill and irrigation systems will be provided for the landscaping. Path lighting will meet Florida Fish and Wildlife Commission's marine turtle nesting requirements.	\$13,215,000	Contract for construction has been awarded and is currently proceeding through contract execution.	Fall 2021
6	North Beach Oceanside Park Renovation	North Beach	Renovation of the park to include pedestrian entrances with new gates, pedestrian beach access, walkways with lighting, refurbished restrooms and picnic shelters, site furnishings, open sodded areas, landscape and irrigation.	\$12,700,000	The project has been advertised and the bid date has been extended to September 30th. FDEP has not completed the permit review. In response to feedback from the Administration and the Sustainability and Resiliency Committee, some of the pathway widths are being reduced.	Spring 2021
7	Sunset Harbor Pump Station #3 Screen	Middle Beach	A perforated metal enclosure is being designed to screen the equipment at the Sunset Harbour Pump Station #3. The height of the screen will vary from 9'-0" above the traffic barricade adjacent to the generator, to 3'-0" at the westernmost portion of the pump station. At the eastern side, the enclosure will also serve as an entrance sign for the neighborhood.	\$750,000	The 90 % Construction Documents have been submitted and are being reviewed by staff. Upon review by staff the plans will be submitted for permitting.	Spring 2020
<b>Preconstruction</b>						

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8	Brittany Bay Park	North Beach	This project includes the creation of a living shoreline between the existing remaining seawall and the concrete retaining / seawall. ADA-Accessible overlook that will allow park patrons to walk from the Park to the existing seawall's edge. The project is intended to enhance the surrounding riparian and intertidal environment by creating a new habitat for aquatic and terrestrial species and improving water quality via filtration of upland runoff. The Park renovations also include new concrete walkways, milling and resurfacing the existing parking lot, new trees, new exercise equipment, furniture, lighting and new landscaping.	\$1,400,000	The plans are being reviewed by the City of Miami Beach Building Department, Miami Dade County DERM, FDEP and the Army Corps of Engineers. The environmental permitting process has resulted in delays.	Fall 2020
<b>Construction</b>						
10	Palm & Hibiscus Island Neighborhood Improvements	South Beach	This project includes a variety of aboveground and underground improvement such as new water main and service, new storm water drainage system including 3 pump stations, lining of the sanitary sewer system and replacing all the sewer laterals, raising the elevation and reconstruction of the roadways including installation of Geo Textile, new decorative street lights, speed tables, landscape, hardscape improvements, harmonization with private properties and undergrounding the franchise utilities on Hibiscus Island. Additional scope of services was added to the project to install 3 bi-fuel generators as well as, implementation of the new drainage criteria to install and harmonize a yard drain in each private property with the finished floor elevation (FFE) lower than the crown of road.	\$48,938,882	This project is 91% complete. All pump stations in Palm & Hibiscus Island are in operation. Design/Builder has submitted the permit application for the three (3) generators for the pump stations. Design and permitting of the private drains, in compliance with Commission directive and the City's drainage policy is underway.	Spring 2020
11	Stormwater Pump Station at 19th Street East of Meridian	Middle Beach	Installation of a stormwater pump station, including an emergency generator and seawall reconstruction along Collins Canal near 19th Street and Meridian Avenue. A change order was approved for the extension of the Botanical Garden along the Dade Canal and a seawall at the Carl Fisher Clubhouse.	\$8,400,000	Second demonstration of the Pump Station to DERM officials was held, and final certification is pending. The pump station is currently operational.  For the Botanical Garden expansion, FPL completed the new overhead relocation and installed the new transformer. Removal of existing poles is pending.  For the Carl Fisher Seawall, SFWM and DERM have approved the plans, and permits are pending final fee payments. Permit from US Army Corps of Engineers is pending.	Completed  December 2019  TBD
12	Venetian Islands Neighborhood Improvements	South Beach	Work includes site preparation, earthwork, demolition, storm drainage, roadway, concrete valley gutters, paving and grading, water main, lighting, and planting. Additional scope added included installation of six (6) stormwater pump stations, two per island, and automated meter reading technology.	\$37,382,720	Engineer of record is collecting additional data and is preparing a new pavement design to best achieve the desired service life of the road.  South Rivo Alto Pump Station completed. North Rivo Alto Pump Station start-up test held on 9/12/19. All six pump stations are operational, and pending DERM final approvals.	TBD  Completed
13	Venetian Islands Seawalls	South Beach	This project entails seawall replacement, at two (2) locations consisting of precast concrete bulkhead panels, king piles, batter piles and concrete cap; and seawall cap raising at five (5) locations consisting in new concrete cap, batter piles and retaining walls, all locations within the Venetian Islands.	\$650,000	Construction on hold, pending DERM permit modifications as per field conditions	TBD

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	Project Name	District	Scope of Work	Project Budget	Current Status	Anticipated Completion
14	West Avenue - Phase II Improvements - North of 14th Street	South Beach	West Avenue - Phase II Improvements North of 14th St - Scope includes Water, Sewer, Storm and above ground improvements from 14th Street north to the Collins Canal and include a new stormwater Pump Station and Baywalk at the end of Lincoln Road. Project is being re-designed to include the following resiliency items: Road elevation 3.7 NAVD; 10 year storm event; Mobility – 2 lanes with center continuous turn lane; Protected bike path; Street ends enhanced design; Permanent generators and 120,000 gpm pump station.	\$79,158,564	Design of Water and Sewer System is 100% complete. Roadway, Landscaping, lighting, drainage and Pump Station Design is 60% complete. Meetings with the community will be scheduled for the first week of October to present option on the location of Pump Station above ground components and screening concept. Expected date for start of construction is December 2, 2019, pending DERM permits.	November 2022
15	West Avenue - Phase II Improvements - South of 14th Street	South Beach	West Avenue - Phase II Improvements South of 14th St. The scope includes Water, Sewer, Storm and above ground improvements from 14th Street south to 5th Street. Project is being re-designed to include the following resiliency items: Road elevation 3.7 NAVD; 10 year storm event; Mobility – 2 lanes with center continuous turn lane; Protected bike path; Street ends enhanced design; Elimination of street paving to allow for wider pedestrian sidewalks and more green areas; Permanent generators for existing pump stations.		Design of Water and Sewer System is 100% complete.  Roadway, Landscaping, lighting, drainage is 60% complete.  Expected date for start of construction is December 2, 2019, pending DERM permits.	August 2021
<b>TOTAL</b>				<b>\$287,776,037</b>		