

SUSTAINABILITY AND RESILIENCY COMMITTEE PROJECTS PROGRESS REPORT

	Project Name	District	Scope of Work	Project Budget	Current Status	Anticipated Completion
Design						
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. Its also includes the installation of storm drainage trunk lines along Alton Road & Washington avenue from South Point Drive to 5th Street.	\$24,000,000	Coordinating with SOFNA and other project stake holders the proposed typical section and the location of the proposed stormwater outfall. Design will continue once the typical section and the location of the outfall are selected	December 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	NTP#1 was issued on October 21, 2019, which started pre-construction work setting up the Job site office, utility verification and location, shop drawing preparation, surveying and site preparation. Construction will commence once all permits are received.	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	Permit applications have been submitted for Army Corps of Engineers, FDEP and Miami Dade County DERM to start the environmental permitting process. The 90% Construction Documents are scheduled to be completed at the end of January 2020. These documents will be submitted for permit review by the City of Miami Beach.	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	Park design is proceeding to 90%, including the incorporation of the resiliency concept to retain storm water in the proposed lake. Staff continues to meet with DERM to evaluate the design and approach. Additional ground water sampling is necessary. Anticipated completion of the additional sampling and ground water modeling is expected by the end of February. This will allow the city to proceed with the DERM permit. If successful, staff anticipates starting the procurement process by Summer 2020. So far, there has been a 6-month overall delay due to the coordination with DERM. Project completion is now expected by the end of 2022.	Winter 2022
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	NTP #2 was issued on November 18, 2019. Demolition of the existing wooden boardwalk has already been removed between 24 St and 27 St.	Spring 2021

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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	Consultant bid evaluation and meeting with contractors have identified several items which drove the cost beyond budget. Consultant is revising documents and evaluating impact to determine potential savings. Consultant has been tasked with bringing the project back into budget.	Summer 2022
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	Estimates have been procured for the fabrication and construction of the screen, in excess of the project budget. Staff is working with fabricators and the general contractor to reduce the cost of the project. Once the changes have been approved, to bring the project within budget. the contract will be awarded. Fabrication of the screen is estimated to require 8-18 weeks. Construction is estimated to take 3 months.	Summer 2020
Preconstruction						
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 Army Corp is severely delayed in reviewing projects, resulting in delays with other agencies.	Spring 2021
Construction						
9	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	The private drains are designed and meetings have been held with 90% of the property owners. The permit modification package to close storm water permit for Hibiscus Island has been submitted to DERM and Palm Island package is anticipated to be submitted next week.	Spring 2020

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10	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	<p>Pump station is currently operational. DERM final certification is pending.</p> <p>Botanical Garden expansion, FPL encountered a conflict with a service connection to the County's Traffic Signal on Dade Blvd. FPL poles were removed. Permits approved and work has started.</p> <p>Carl Fisher Seawall, SFWM permit was issued, DERM permit approved. Permit from US Army Corps of Engineers is approved and work will commence February 3, 2020.</p>	<p>Completed</p> <p>March 2020</p> <p>June 2020</p>
11	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	EOR submitted final report with recommendations for pavement rehabilitation. Staff is evaluating recommendation and impact. All six pump stations are operational, and pending DERM final approvals.	<p>TBD</p> <p>Completed</p>
12	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, revised plans submitted to DERM for permit modifications as per field conditions. Original DERM permit was extended, waiting for permit modification.	TBD
13	West Avenue - Phase II Improvements - North of 14 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	<p>Design of Water and Sewer System is 100% complete.</p> <p>Roadway, Landscaping, lighting, drainage and Pump Station Design is 90% complete. Meetings with the community occurred in October to find a alternate location for pump station above ground components.</p> <p>On November 15, 2019 the City Engineer requested that the D/B team hold off on any submittals for permits to the environmental agencies, pending changes that will address permitting requirements to improve water quality. The expected start day is Spring of 2020.</p>	December 2022

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14	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.		<p>Design of Water and Sewer System is 100% complete.</p> <p>Roadway, Landscaping, lighting, drainage is 90% complete.</p> <p>On November 15, 2019 the City Engineer requested that the D/B team hold off on any submittals for permits to the environmental agencies, pending changes that will address permitting requirements to improve water quality. The expected start day is Spring of 2020.</p>	September 2021
TOTAL				\$287,776,037		