

# 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 South Beach Residents 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	Final design for Phase III (Final Phase) for the drainage and roadway reconstruction has been completed, and was re-advertised May 24th. We anticipate construction to start in October 2019 for a two year construction phase. In the meantime, the City is implementing temporary improvements to the current maintenance of traffic.	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	Project was approved by the DRB on May 7, 2019. The 60 % Design Documents are due June 28, 2019. Anticipated completion of Design in late August 2019.	Summer 2021
4	Mid Beach Community 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	Meeting with RER to discuss the contamination and the stormwater resiliency concept was held on 5/31/2019. RER will assign an independent modeler to perform a more traditional ground water modeling and reconvene by early July to compare the results. This will confirm design concept and allow project to proceed with permitting.	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	FDEP permit and FDOT Approval have been received. City has issued an ITB and bids are due July 8.	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	A tree removal permit is being submitted and the building department comments are being addressed. FDEP is reviewing the application. Project ITB is currently advertised with a bid opening date of June 26.	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.	\$400,000	The 90 % Design Documents, incorporating the replacement of the traffic barricades, are anticipated July 8, 2019.	Spring 2020
<b>Preconstruction</b>						
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.	\$1,243,000	In the process of addressing comments from various agencies, during the Permitting phase. The Procurement phase will begin in June. Project anticipates receiving permit in August.	Spring 2020
<b>Construction</b>						

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9	Middle Beach Recreational Corridor Ph 2 - Section 2	Middle Beach	Construction of approximately 3,350 linear feet of an on-grade, paver pedestrian walkway of varying widths ranging from 15-feet to 25 feet, extending from 46 to 53 Street. Non-native vegetation will be removed and replaced with native vegetation. Sea turtle-friendly pedestrian lighting will also be installed.	\$14,799,058	Ribbon Cutting ceremony was held on June 13. This project is now in close-out phase.	Substantially Complete
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 89% complete. FPL is working to energize the pump station on Hibiscus Island. Both pump stations in Palm Islands are in operation. Design/Builder is designing the three (3) generators for the pump stations. Design and permitting of the private drains per the new drainage policy has commenced.	September 2019
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	Pump Station Completed. A field inspection and start-up with DERM was held on June 13, 2019. Waiting for DERM to issue a partial certification to the permit, as the Park is still under construction.  Carl-Fisher Seawall: DERM is still reviewing and analysing the seawall alignment and plans. SFWMD performed a site visit, and the final application is being submitted this month. It is anticipated it will take 3 months to get the final permit.  Botanical Gardens: FPL continues to work on rerouting the aerial lines and the removal of the existing poles. FPL has had to interrupt progress to accomodate Convention Center shows, affecting completion date.	April 2019  September 2019  August 2019
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	FPL to energize the South Rivo Alto transformer on June 19. FPL has scheduled North Rivo Alto transformer installation for 2nd week of July 2019. City continues to evaluate the construction deficiencies in the asphalt roadway to determine the best resolution and service life.	TBD
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	Modifications to the DERM permit are required as per field conditions and direction from DERM. Plans are currently being revised for submission to the agency. NTP2 is on hold.	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 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 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	Final Drainage report is due by the end of July 2019. Team is still evaluating other locations for the Pump Generator, as there is heavy opposition from the residents at Lincoln Court street end. The segmented construction approach have been widely supported by the community. Harmonization plans for segment 1 are being finalized and meetings with properties will commence by early July 2019	TBD
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.		Final Drainage report is due by the end of July 2019. The segmented construction approach have been widely supported by the community. Harmonization plans for segment 1 are being finalized and meetings with properties will commence by early July 2019	TBD
TOTAL				\$302,068,095		