

# SUSTAINABILITY AND RESILIENCY COMMITTEE PROJECTS PROGRESS REPORT

|                        | Project Name                                   | District     | Scope of Work   | Project Budget | Current Status   | Anticipated Completion |
|------------------------|--|--------------|---|----------------|--|------------------------|
| <b>Design</b>          |  |              |   |                |  |                        |
|                        | 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              |
|                        | 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 is being finalized and expect to re-advertized in May 2019. 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 during the next two months. | Fall 2021              |
|                        | Maurice Gibb Park Redesign                     | 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    | Currently 30% Design Development; Presentation to DRB May 2019; Anticipated completion of Design August 2019   | Summer 2021            |
|                        | Mid Beach Community Park (Par 3)               | 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   | Revised 60% scheduled for 5/29/19. Review by RER will begin once revised plans are received.   | Spring 2021            |
|                        | Middle Beach Recreational Corridor Ph 3        | 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   | Pending permit approval by FDEP and Notice to Proceed from FDOT. Construction documents have been completed.   | Fall 2021              |
|                        | 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   | Construction documents have been submitted to the Building Department and FDEP for permit. Procurement has begun the ITB process.  | Spring 2021            |
|                        | 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      | Currently at 60% design development  | Spring 2020            |
| <b>Preconstruction</b> |  |              |   |                |  |                        |
|                        | 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    | Brittany Bay is at 90% Design Development; currently in the permitting phase.  | Spring 2020            |

# SUSTAINABILITY AND RESILIENCY COMMITTEE PROJECTS PROGRESS REPORT

|                     | Project Name   | District     | Scope of Work  | Project Budget       | Current Status   | Anticipated Completion |
|---------------------|--|--------------|--|----------------------|--|------------------------|
| <b>Construction</b> |  |              |  |                      |  |                        |
|                     | 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         | Project completion is 80%, Currently installing pathway lights and pavers.   | May 2019               |
|                     | 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. Decorative pavers at the roundabout and concrete sidewalk in Palm median are being installed. The roundabout is 80% complete. Design Builder is designing the three (3) generators for the pump stations. Pump Station at West Palm Island start up in April 2019. | September 2019         |
|                     | 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          | Construction has been completed. Pump operation was tested on 1-17-2019. Bulkheads from culvert are required to be removed by the Convention Center Contractor before the pump station can be operational. The Carl Fisher seawall is in permitting.   | April 2019             |
|                     | 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         | Schwebke - Shiskin is in the process of designing a new system for road reconstruction. Undergrounding of Utilities have been requested by the residents and we may need to incorporate it prior to road work.   | TBD                    |
|                     | 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            | Seawall contract was awarded to Shoreline Foundation. Currently procuring permits and doing outreach.  | TBD                    |
|                     | 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         | 90% sewer & 60% water plans<br>60% roadway, hardscape and lighting plans<br>Community meeting scheduled for May 2nd at the Mandrian at 6:30 p.m.   | TBD                    |
|                     | 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;  |                      | 90% sewer & 60% water plans<br>60% roadway, hardscape and lighting plans<br>Community meeting g scheduled for May 2nd at the Mandrian at 6:30 p.m.   | TBD                    |
| <b>TOTAL</b>        |  |              |  | <b>\$302,068,095</b> |  |                        |

| SUSTAINABILITY AND RESILIENCY COMMITTEE PROJECTS PROGRESS REPORT |              |          |               |                |                |                        |
|--|--------------|----------|---------------|----------------|----------------|------------------------|
|  | Project Name | District | Scope of Work | Project Budget | Current Status | Anticipated Completion |