

MIAMI BEACH

OFFICE OF THE CITY MANAGER

NO. LTC # **418-2019**

LETTER TO COMMISSION

TO: Mayor Dan Gelber and Members of the City Commission

FROM: Jimmy L. Morales, City Manager

DATE: July 19, 2019

SUBJECT: Brittany Bay Park – Project Update



The purpose of this Letter to Commission is to provide information to the Mayor and City Commission regarding the status of the Brittany Bay Project, formerly known as Indian Creek Park, located at 6430 Indian Creek Drive. The Project originally proposed to be a seawall replacement has been expanded to cover a general renovation of the park with the replacement of equipment while maintaining the parks current programmatic uses.

In December 2015, the City Commission approved the award for a Continuing Service contract for the replacement and/or repair of the public seawalls that had exceeded their service life. Shoreline Foundation Inc. (SFI) began construction at a number of locations of public seawall along Indian Creek Drive.

Upon obtaining permits from federal, state and county agencies, SFI started construction for the replacement of that portion of the seawall within Brittany Bay Park. The project included the replacement of 600 linear feet of seawall comprised of batter piles and a new concrete cap, and 400 linear feet of concrete retaining seat wall (where the concrete cap is combined with a concrete walkway) located 30'-0" landward of a portion of the existing seawall. The proposed renovation was approved by DRB. The new seawall and seat wall were installed at the +5.7' NAVD elevation currently required by the City's resiliency initiatives.

The area between the remaining 400 linear feet of existing seawall and the new seat wall, was designed to later become a living shoreline area, with three ADA accessible overlooks, or viewing platforms. As a result of the permitting process with the Army Corps of Engineers, the number of overlooks was reduced to only one, to minimize the impact on the 72 mangrove trees existing in the area.

The installation of the new seawall and seat wall required the renovation of the park to harmonize the existing lighting, landscaping and walkway, with the newly constructed higher sea wall. Subsequent inspection of the site determined that the existing exercise equipment, park furniture, lighting, walkways and parking lot were deteriorated. Some of the trees and landscaping had been damaged or destroyed during Hurricane Irma, in 2017. The program was therefore expanded to include a general renovation of the park and its equipment to replace the damaged items, while maintaining the general park layout, see Attachment A.

On August 23, 2018, the City directed consultant Brindley Pieters & Associates, Inc. to proceed with the preparation of construction documents to renovate the park. The renovated park will include replacement lighting, providing visibility throughout the entire park. New exercise equipment shall be provided, to replace existing throughout the park. Damaged asphalt walkways shall be replaced with more durable concrete walkways, meeting the requirements of the Parks and Recreation Department.

The living shoreline area with the overlook shall be constructed as a part of the renovation of the park. The remaining portion of the original seawall shall be reinforced on the water side with rip rap (boulders), to accommodate the living shoreline area and facilitate the planting of additional mangrove trees and other native, resilient wetland plant species. The overlook will allow park patrons to walk from the park to the existing seawall's edge, see Attachment B. These improvements are designed to not only revitalize the waterfront, but also enhance the surrounding riparian and intertidal environment by creating new habitat for aquatic and terrestrial species.

Areas of the site shall be gently graded to facilitate on site retention of stormwater. Additional landscape material, trees and shrubs shall be provided to create a lush environment, encouraging use by public patrons.

The completed construction documents for the renovation of the park, have been submitted for review by the Army Corps of Engineers, Florida Department of Environmental Protection, Miami Dade County DERM, and the City of Miami Beach Building Department and Urban Forestry Division. The approvals are expected by September 2019.

The City submitted an application to the Florida Inland Navigation District (FIND), for a grant to cover costs associated with the construction of the living shoreline, the overlook, riprap and associated amenities such as lighting and park furnishings. FIND previously provided a grant that facilitated the construction of the seawall at this site. A decision from FIND on this project is expected in August 2019.

The process for the selection of a general contractor shall start upon receipt of permits, and possibly the FIND grant, in September 2019.

Should you have any questions, please contact David Martinez at 305-673-7071.

Attachments:

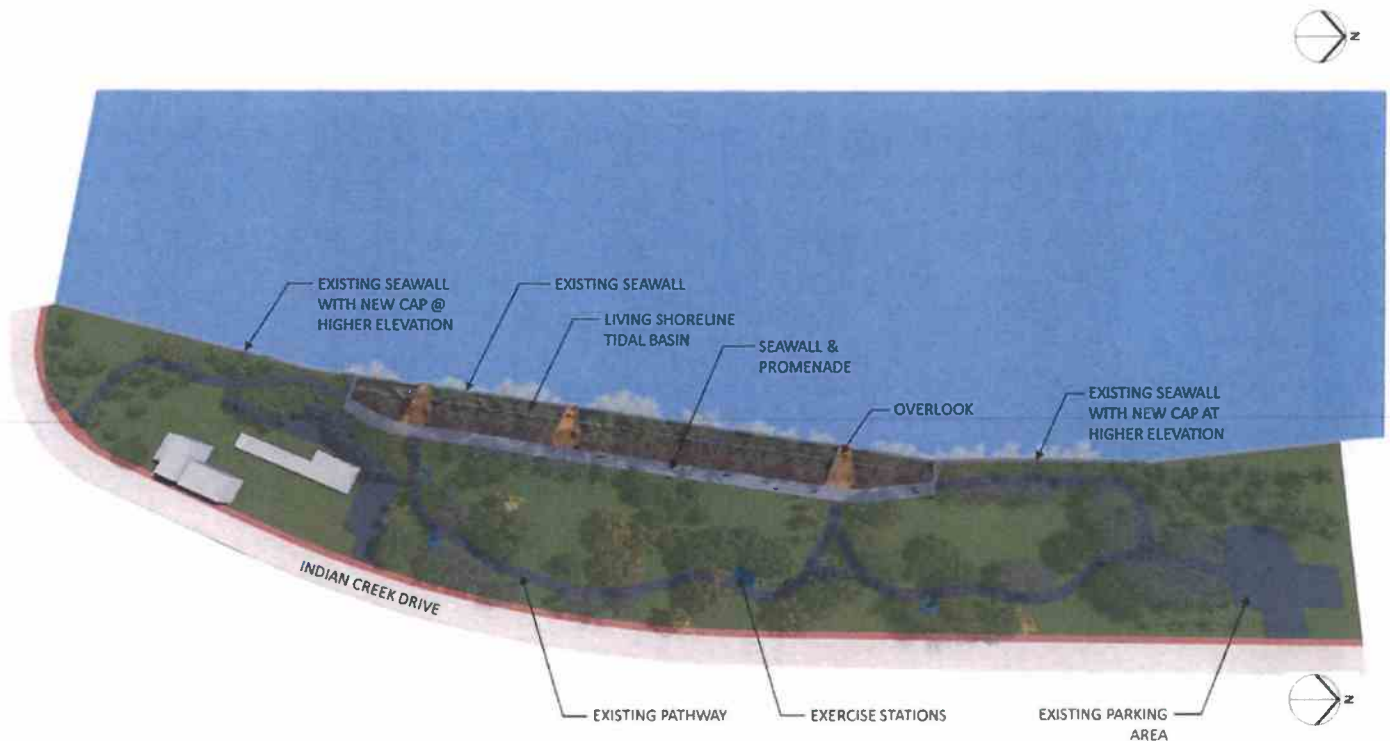
Attachment A -Rendered Site Plan

Attachment B -Rendering of proposed Living Shoreline and Overlook


JLM/EC/DM

Attachment "A"

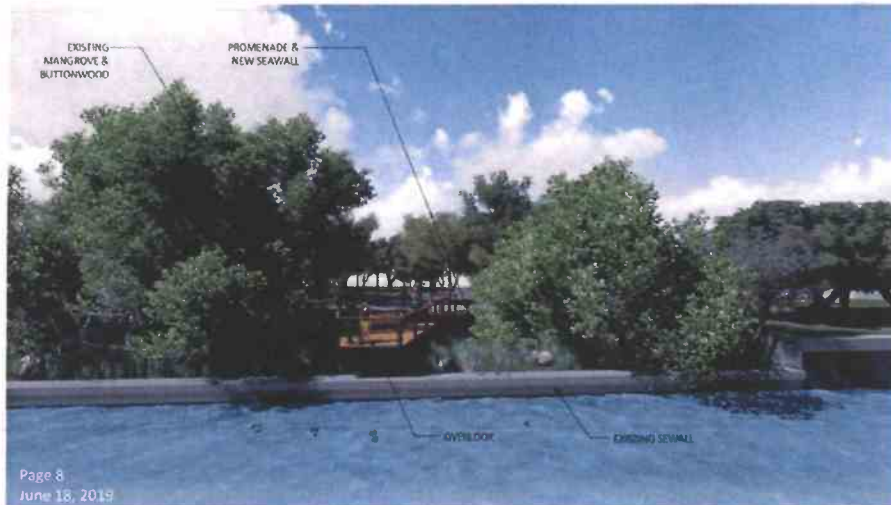
BRITTANY BAY PARK RENOVATION



- Early rendering of park.
- Existing exercise equipment shall be replaced.
- Existing Parking area shall be resurfaced.
- Number of overlooks was reduced to only one (1) during permit review process.

Attachment "B"

BRITTANY BAY PARK RENOVATION



- Overlook and Living Shoreline Renovations of upland sections of the Park which include exercise equipment, walkways and landscaping
- New lighting for pedestrian safety.
- New Trees for additional shade canopy.