



COASTAL SYSTEMS INTERNATIONAL, INC.
464 South Dixie Highway • Coral Gables, Florida 33146
Tel: 305-661-3655 • Fax: 305-661-1914
www.coastalsystemsint.com

220270.06

August 11, 2021

Mr. Jason Andreotta
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
3301 Gun Club Road
Mail Stop 4250
West Palm Beach, FL 33406

Via ePermitting

RE: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) ENVIRONMENTAL RESOURCE PERMIT (ERP) FOR THE PROPOSED SEWELL PARK SEAWALL PROJECT (PROJECT) LOCATED AT 1815 AND 1525 NW SOUTH RIVER DRIVE, MIAMI, MIAMI-DADE COUNTY, FLORIDA

Dear Mr. Andreotta:

On behalf of the Application, the City of Miami, this is to respectfully submit a Environmental Resource Permit (ERP) application for the proposed Sewell Park Seawall Project (Project), located at 1815 and 1825 NW South River Drive, in the City of Miami, Miami-Dade County, Florida. To facilitate processing of this permit application, the following items are enclosed:

1. A completed FDEP ERP Application; Section A, C and F.
2. A proposed Project permit sketches from Coastal Systems International, Inc., dated June 29, 2021.
3. A digitally signed and sealed boundary and topographic survey from Miller Legg, dated April 27, 2021.

BACKGROUND & PROJECT DESCRIPTION

The Project site consists of a City owned public park with historical value. Approximately 4 acres of the 10.33 acre park is covered in dense trees. The Project site has an approximate 1,200 linear feet of shoreline along the Miami River and adjoining canal. The existing shoreline has a protective rip rap barrier which goes beyond the mean-high water line (MHWL) The Applicant is proposing to install stallation of approximately 1,245 linear feet of new steel sheetpile 18" from the existing MHWL, 122 linear feet of ecoseawall, 3 econcrete tide pools, a kayak launch within the existing basin with a new wood ramp and 1,196 linear feet of Baywalk. The proposed project use would be for public recreational activites, with a Baywalk consistent with existing baywalks along the City of Miami. The proposed shoreline stabilization is proposed at an elevation of + 6 NAVD to meet future sea level rise and resilience.

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ENVIRONMENTAL EVALUATION AND MITIGATION

Due to the location of the Project along the Miami River, impacts to marine resources are not anticipated as a result of this Project. As mitigation for potential water quality impacts associated with vertical bulkhead installation, a contribution to the Biscayne Bay Environmental Enhancement Trust Fund is proposed (amount to be confirmed by Miami-Dade County).

Staked and/or weighted floating turbidity curtains, extending to within one (1) foot from the bottom will be utilized around the Project area to ensure that any turbidity resulting from construction activities will be contained within the Project boundaries. All construction will comply with the "2011 Standard Manatee Conditions".

SCHEDULING & CONSTRUCTION

The Applicant plans to commence construction early 2023, after issuance of all required County, State, Federal, and Local permits. Estimated Project completion dates are within 12 months of Project commencement. A coordinated effort with staff, including the Applicant's submittal of timely responses to requests for additional information, will be required to meet the Applicant's schedule.

Construction will be completed from the uplands with the sheetpiles being driven with a vibratory hammer. Existing rip rap will be kept and included in the project scope, with a singular line of boulders being removed for the the steel sheetpile to be driven into appropriate depths. The kayak launch will be retrofitted into the existing basin with a wood ramp that will assist with the transition from the proposed seawall elevation to the existing grade into the water.

Thank you for your assistance in processing this ERP Permit Application. We look forward to working with you and your staff on this Project. Should you have any questions or require additional information, please do not hesitate to contact me at 305-661-3655 ext. 143, or via email at irodriguez@coastalsystemsint.com.

Sincerely,
COASTAL SYSTEMS INTERNATIONAL, INC.



Ivelis Rodriguez
Environmental/Permitting Project Manager

IR: ts
Enclosures
cc: Marisol Martinez, City of Miami Office of Capital Improvements