



**CITY OF FORT LAUDERDALE**  
**City Commission Agenda Memo**  
**CONFERENCE MEETING**

**#17-1016**

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**TO:** Honorable Mayor & Members of the  
Fort Lauderdale City Commission

**FROM:** Lee R. Feldman, ICMA-CM, City Manager

**DATE:** October 17, 2017

**TITLE:** Emergency Purchase – Riverwalk Seawall Emergency Design – \$83,404

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**Background**

The purpose of this memorandum is to advise the City Commission of an emergency purchase made on March 9, 2017. The emergency purchase was made for design of repairs to the seawall on the north and south side of New River at the Andrews Avenue bridge crossing.

Pursuant to Section 2-190(b) (2), Code of Ordinances of the City of Fort Lauderdale, Florida, emergency purchases are permitted in the event of equipment failure, catastrophic damage to City property, or other similar unexpected events. In such events, all normal purchasing procedures and requirements directly related to such emergencies are suspended. With the approval of the City Manager, or purchasing manager, if so designated by the City Manager, the head of any department may purchase any needed emergency supplies, materials, equipment or services where, using the most effective procurement methods in each procurement, as determined by the department head, which made the emergency purchase necessary. If the cost of any purchase exceeds the current formal bid threshold, a full report of such purchase shall be made to the City Commission at the earliest available commission meeting.

On March 3, 2017, City staff was called to investigate a sinkhole that appeared behind the seawall immediately east of the Andrews Avenue Bridge on the north side of New River. An underwater diving inspection determined that 100 feet of the canal bottom protecting the toe of the seawall disappeared on both sides of the river and more than 10 feet of scour had developed under and behind the seawall. As a result of the scour, fill material behind the seawall was eroding into the river, creating the observed sinkhole. If left unattended, additional sinkholes would materialize along the seawall and the Riverwalk promenade would be structurally compromised.

Due to the immediate danger of further erosion and seawall failure, City staff engaged a consultant (Pistorino & Alam) to design the replacement of 100 feet of wall on the north and south sides of New River. Staff also engaged a consultant (AMEC Environmental) to perform testing and boring at the repair site.

### **Resource Impact**

There is a fiscal impact to the City in the amount of \$83,404 for assessment of the damage and for the design of the necessary repairs to the seawall. The available balances in the chart below reflect the amounts remaining after the removal of the encumbrances established for these purchases. Encumbrances for this work are included on purchase order PP1614500001 in the amount of \$61,560 and in PP1719370000 in the amount of \$21,844. Funds for this purchase in the total amount of \$83,404 are available in they FY 18 Community Investment Plan in the accounts listed below.

| <i>Funds available as of October 6, 2017</i> |   |   |                                  |                                       |                 |
|--|---|---|----------------------------------|---------------------------------------|-----------------|
| ACCOUNT<br>NUMBER                            | INDEX NAME<br>(Program)                   | CHARACTER<br>CODE/ SUB-<br>OBJECT NAME          | AMENDED<br>BUDGET<br>(Character) | AVAILABLE<br>BALANCE<br>(Object Code) | AMOUNT          |
| 331-P11825.331-<br>6546                      | Marine Facilities<br>Maintenance          | Capital<br>Outlay/Testing<br>Services           | \$799,346                        | \$344,876                             | \$46,384.58     |
| 345-P11650.345-<br>6534                      | Annual Marine<br>Facilities &<br>Seawalls | Capital<br>Outlay/Consulting<br>Design Services | \$82,370                         | \$0                                   | \$37,019.42     |
| <b>TOTAL →</b>                               |   |   |                                  |                                       | <b>\$83,404</b> |

### **Strategic Connections**

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Infrastructure Cylinder of Excellence, specifically advancing:

- Goal 2: Be a sustainable and resilient Community
- Objective 1: Proactively maintain our water, wastewater, road, and bridge infrastructure

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

### **Attachments**

Exhibit 1 – Emergency Repair to Riverwalk Seawall Memorandum

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