



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

16-0854

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

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

DATE: July 12, 2016

TITLE: Emergency Purchases – 20-Inch Diameter Water Main Failure at 1961
East Sunrise Boulevard - \$ 49,987.50

Background

The purpose of this memorandum is to advise the City Commission of additional expenditures associated with the Emergency Declaration made on December 25, 2015. The emergency declaration was for repairs on the 20-inch diameter water main at 1961 East Sunrise Boulevard. This item was previously reported to the City Commission on February 16, 2016 (CAM 16-0004) approving \$75,764 for repairs.

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 event. In such event(s), all normal purchasing procedures and requirements directly related to such emergencies are suspended. The head of any department, with approval by the City Manager, may purchase any needed emergency supplies, materials, equipment or services. Purchases should be made using the most effective procurement methods as determined by the department head responsible for the emergency purchase. 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.

1961 East Sunrise Boulevard

A 20-inch diameter cast iron water main broke near 1961 East Sunrise Boulevard (State Road 838) at approximately 2:00 p.m. December 25, 2015. As a result, water service was interrupted to approximately 250 residential and 243 commercial customers and all westbound traffic on Sunrise Boulevard was stopped and detoured onto Bayview Drive. City Utilities crews were mobilized to isolate the break and make the repair. Upon excavation and examination, it was discovered that the 1952 cast iron pipe suffered a catastrophic failure. A large 53 inch by 25 inch section of the pipe was broken off. It was also discovered that the pipe was an odd diameter and the typical mechanical restraint repair parts would not fit. A successful, but temporary, repair was made with a new 73 inch section of pipe and circle-seal clamps which allowed water service to be restored at approximately 6:30 a.m. December 26, 2015.

Due to the location of the break on a State Road, the size of the water main, the proximity to major commercial establishments, and on-going bridge project nearby, Utilities determined that it was in the best interest of the City to engage the utility emergency repairs contractor (Molloy Brothers Inc) to perform the permanent repair in order to quickly restore essential water service. The pipe repair was completed on January 14, 2016, with road restoration completed in February 2016. Upon inspection by Florida Department of Transportation, it was determined that a greater section of the roadway and portions of the sidewalk were undermined by water, requiring further restoration. The additional work was completed on April 14th, 2016. A revised invoice provided by the contractor provided a total cost of \$125,751.50, with a remaining amount due of \$49,987.50.

Resource Impact

There will be a fiscal impact to the City in the amount of \$49,987.50.

<i>Funds available as of July 5, 2016</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	PURCHASE AMOUNT
450-PBS060101-3437	Utilities Engineering Operations	Services & Materials/ Improvements, Repairs and Maintenance	\$2,561,848	\$210,635	\$49,987.50
			TOTAL →		\$49,987.50

Strategic Connections

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

- **Goal 2:** Be a sustainable and resilient community.
- **Objective 1:** Proactively maintain our water, wastewater, and bridge infrastructure.
- **Initiative 5:** Integrate a plan with infrastructure improvements that include modern and efficient energy standards.

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

Attachments:

Exhibit 1 – Finalized cost of repairs, 1961 East Sunrise Boulevard

Prepared by: Alan Dodd, Assistant Public Works Director - Engineering
 Department Directors: Paul Berg, Public Works
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