



## City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	Item Type:		1 <sup>st</sup> Reading	2 <sup>nd</sup> Reading
<b>5/5/2021</b>	<input checked="" type="checkbox"/> <b>Resolution</b> <input type="checkbox"/> <b>Ordinance</b> <input type="checkbox"/> <b>Other</b>	Ordinance Reading	<b>NA</b>	<b>NA</b>
		Public Hearing	<input type="checkbox"/>	<input type="checkbox"/>
		Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
		Quasi-Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
File No.:				
<b>21-141</b>				
Fiscal Impact (\$):	Account Balance (\$):	Funding Source:	Project Number :	
<b>\$238,120</b>	<b>\$187,919</b> <b>\$532,670</b>	3310W-549990 – Working Reserve 3510S-512000 – Regular Salary	<b>N/A</b>	
Contract/P.O. Required	RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>N/A</b>	<b>Jeffrey Odoms, Director</b>	<b>Public Works</b>	
Strategic Plan Focus Areas:				
<input checked="" type="checkbox"/> <b>Finance &amp; Budget</b>		<input type="checkbox"/> <b>Organizational Capacity</b>	<input checked="" type="checkbox"/> <b>Infrastructure/Projects</b>	
Implementation Timeline:				
Estimated Start Date: 5/5/2021    Estimated End Date: 9/30/2021				

### SHORT TITLE:

**A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, RATIFYING THE EXPENDITURE OF TWO HUNDRED THIRTY-EIGHT THOUSAND ONE HUNDRED AND TWENTY (\$238,120) DOLLARS FOR EMERGENCY REPAIRS OF A FORCE MAIN TO PROTECT PUBLIC HEALTH, SAFETY, AND WELFARE; AND PROVIDING FOR AN EFFECTIVE DATE.**

## **STAFF SUMMARY:**

### **Summary:**

This agenda item seeks to formally apprise the City Commission of an emergency situation that arose in February 2021 pertaining to a cracked forcemain on Atlantic Shores Boulevard near the DeSoto Waterway Bridge. It also seeks to inform the City Commission of the fiscal impact of addressing this emergency situation in order to proceed with the procurement process and pay the vendors that responded to this emergency.

### **Background:**

The Department of Public Works' Utilities Team, in response to raised concerns of sewage odors around Atlantic Shores Blvd near the DeSoto Waterway bridge, initiated an intense and focused investigation of the complaint the week of February 22<sup>nd</sup>. Over the course of multiple days, the team walked the entirety of Atlantic Shores Blvd, assessing the stormwater system for possible sewer flow that may have found its way into the storm water system.

On February 26<sup>th</sup>, the team acquired the services of a utility system diver to enter a structure where the 18-inch force main traverses the 96-inch stormwater main. The diver assessed the force main and found a 4-inch by 1.5-inch crack had formed at the bottom of it. If left not responded to, such a crack would lead to a larger infrastructure failure resulting in a larger sewer spill causing greater environmental impact to the DeSoto Waterway and potentially impacting public health. Staff attempted to repair the crack by having the diver install a utility clamp over it. Once installed the diver noted that an additional crack had formed in another area of the force main. The decision was made to abandon trying to do that type of repair and staff moved to excavate the street, re-route the flow from the 18-inch force main to the adjacent 20-inch force main. This required a line stop to be installed on the 18-inch which was done Feb. 27 in the morning by an outside vendor. Staff's attempt to excavate down into the structure to expose the force main was thwarted due to the structure being discovered to be 15 ft long x 9 ft wide x 32-inch-thick solid concrete.

Trying to remove this was not a fiscally nor operationally responsible move to make. Additionally, the vibration and weight of equipment necessary to remove that structure increased the probability of further damages to the forcemain. Staff reclosed the street and devised a repair option for lining the 18-inch force main. This option was viable but time consuming and required the roadways to be closed for regular traffic flow for a longer period. However, this repair option was successful and allowed staff to complete the work effectively and as expeditiously as possible.

Environmental compliance reporting was completed and sent to the Department of Environmental Protection (DEP) State Warning Point, Public Notification of Pollution, and a Wastewater Utility Spill/Abnormal Event Report was filed with Broward County. The amount of sewage released could not be determined due to the location of the leak and its discharge being masked by the water way. A 4-inch crack in an 18-inch force main flowing at an estimated rate of 2,000 gpm is extremely difficult to calculate even when making an educated guess. However, the samples that were collected from the area to test for Enterococci came back as "non detect", which shows that impacts, if any, were minimal. "No swimming or fishing" signs placed in the area as a

precautionary notification for the public have been removed based on the sample results.

**Current Situation:**

The repairs to the forcemain along with the road restoration were completed on March 16<sup>th</sup>, 2021. Below is a breakdown of the expenditures resulting from the response to this emergency.

**Emergency Expenditures:**

<b>Vendors</b>	<b>Cost</b>
Rangeline	\$ 62,000.00
Kailas	\$ 37,545.00
Enviro Waste Service Group	\$ 138,575.00
<b>Total</b>	<b>\$ 238,120.00</b>

**Funding Source:**

<b>Account No.</b>	<b>Description</b>	<b>Available Funding</b>	<b>Funding to be used</b>
3310W-549990	Reserved for Emergency Repairs (Working Reserve)	\$187,919	\$187,919
3510S-512000	Regular Salaries	\$532,670	\$ 50,201
<b>Total</b>			<b>\$238,120</b>

**Why Action is Necessary:**

Pursuant to Section 23-3 Definitions - Emergency means a situation or occurrence of a serious nature involving urgent and extreme matters of public health, safety, and welfare, or which requires the safeguarding of city assets.

Pursuant to Chapter 23-8(1) Exception to Bid Requirements - Emergency purchases. In urgent cases of compelling emergency which require the immediate purchase or repair of equipment, supplies or contractual services, the city manager is empowered to secure, by open market procedure at the lowest obtainable price, any equipment, supplies, repairs, or services not exceeding \$50,000.00. The City Manager shall place a notation on the agenda of the next regularly scheduled city commission meeting advising of the emergency purchase.

Pursuant to Chapter 23, City Manager's purchasing authority is \$50,000. As expenses for Rangeline, Kailas Contractors and Enviro Waste Services Group are in excess of \$50,000, City Commission ratification for the additional expense of \$ 188,120 is needed.

**Cost Benefit:**

By responding to this emergency and reducing the environmental impact, the City not only shows itself to be sound stewards of responding to environmental emergencies, but also reduces the opportunity of having heavy fines imposed on the City by the DEP for illicit discharges.

**PROPOSED ACTION:**

City Commission to ratify the emergency purchases resulting from staff's response to the emergency situation that arose in February 2021 related to a cracked forcemain on Atlantic Shores Boulevard near the DeSoto Waterway Bridge. Pursuant to Chapter 23, City Manager's purchasing authority is \$50,000. As expenses for Rangeline, Kailas Contractors and Enviro Waste Services Group are in excess of \$50,000, City Commission ratification for the additional expense of \$ 188,120 is needed.

**ATTACHMENT(S):**

Exhibit 1 – Resolution  
Exhibit 2 – Vendors Invoices

Prepared By: Jeff Odoms  
Jeff Odoms  
Director of Public Works

Reviewed By: Mary Francis Jeannot  
Mary Francis Jeannot  
Assistant Director of Public Works

Approved By: Noemy Sandoval  
Noemy Sandoval  
Assistant City Manager