

R9AK DISCUSS/TAKE ACTION AS PER STEPS MIAMI BEACH CAN TAKE TO MITIGATE FLOODING EFFECTS BEFORE MAJOR METEOROLOGICAL EVENTS WITH PUBLIC WORKS AND SUSTAINABILITY DEPARTMENTS DETERMINING THE FEASIBILITY OF SHORT/MID-TERM SOLUTIONS TO FLOODING WITH EMPHASIS ON ANTICIPATING SANDBAG DISTRIBUTION, EXPLORING MOBILE DISTRIBUTION, AND THE CONSTRUCTION OF A BIOSWALE UNDER THE 5TH STREET OVERPASS TO HELP FLOOD MITIGATION.

# MIAMI BEACH

## COMMISSION MEMORANDUM

TO:	Honorable Mayor and Members of the City Commission
FROM:	Commissioner Joseph Magazine
DATE:	June 26, 2024
TITLE:	DISCUSS/TAKE ACTION AS PER STEPS MIAMI BEACH CAN TAKE TO MITIGATE FLOODING EFFECTS BEFORE MAJOR METEOROLOGICAL EVENTS WITH PUBLIC WORKS AND SUSTAINABILITY DEPARTMENTS DETERMINING THE FEASIBILITY OF SHORT/MID-TERM SOLUTIONS TO FLOODING WITH EMPHASIS ON ANTICIPATING SANDBAG DISTRIBUTION, EXPLORING MOBILE DISTRIBUTION, AND THE CONSTRUCTION OF A BIOSWALE UNDER THE 5TH STREET OVERPASS TO HELP FLOOD MITIGATION.

### **RECOMMENDATION**

### **BACKGROUND/HISTORY**

### **ANALYSIS**

Given the effects of the recent rainfall in Miami Beach and surrounding areas, it is paramount that we discuss, with our Public Works and Sustainability Departments, the causes of flooding and what can be done in the short/mid-term regarding storm water drainage, pumps, machinery as well as programs like the Sandbag Distribution Program (SDP) so that we may get ahead of potential rainfall similar or exceeding what was previously experienced.

Additionally, a Mobile Distribution section of the SDP should be considered to assist residents with either accessibility needs and to provide the best service possible in times of impending uncertainty with emphasis on homes & businesses in heavily flooded zones such as Alton Rd.

Taking into account the success of The Underline's bioswale in the recently opened Hammock Trail in Downton Miami, which has installed native plants and rock beds in rain gardens to provide stormwater management. Please consider a construction of something similar to this under the 5<sup>th</sup> Street Overpass.

### **FISCAL IMPACT STATEMENT**

N/A

### **Does this Ordinance require a Business Impact Estimate?** (FOR ORDINANCES ONLY)

The Business Impact Estimate (BIE) was published on . See BIE at:  
<https://www.miamibeachfl.gov/city-hall/city-clerk/meeting-notices/>

### **FINANCIAL INFORMATION**

N/A

**CONCLUSION**

N/A

**Applicable Area**

Citywide

**Is this a "Residents Right to Know" item,  
pursuant to City Code Section 2-17?**

No

**Is this item related to a G.O. Bond  
Project?**

No

**Was this Agenda Item initially requested by a lobbyist which, as defined in Code Sec. 2-481,  
includes a principal engaged in lobbying?** No

If so, specify the name of lobbyist(s) and principal(s): n/a

**Department**

Office of Commissioner Joseph Magazine

**Sponsor(s)**

Commissioner Joseph Magazine

**Co-sponsor(s)**