

MIAMI BEACH

COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission
FROM: Mayor Steven Meiner
DATE: June 26, 2024
TITLE: DISCUSS AND TAKE ACTION TO ENHANCE FLOOD RESPONSE STRATEGIES AND INFRASTRUCTURE RESILIENCE.

RECOMMENDATION

BACKGROUND/HISTORY

The City of Miami Beach has experienced increasing incidents of flooding due to storms, necessitating continuous improvements in our response strategies. Learning from each storm event is essential to enhance our emergency preparedness and minimize the impact of future flooding. The city recognizes the importance of ensuring that parking garages and other critical infrastructure are prepared, protected and opened for residents before storms. A comprehensive review of flood emergency plans is essential to ensure their effectiveness and relevance. Maintaining and cleaning storm drains is crucial to prevent them from becoming overwhelmed during heavy rainfalls. While some areas of Miami Beach have new drains installed, others do not, highlighting the need for a comprehensive and equitable approach to drainage system improvements across the city.

Certain areas, particularly those with recent improvements, are equipped with modern pump stations that discharge water to outfalls, enhancing our flood management capabilities. However, other areas, such as North Bay Road, rely on gravity-fed small pipes. A project initiated in 2017 to address some of these critical infrastructure issues was unfortunately canceled. The recent flood events demonstrated the value and reliability of our pump stations, as every station functioned effectively. Exploring available grant funding and emergency response funding is vital to support these initiatives and infrastructure improvements.

There is a need to establish a permanent sandbag operation to provide residents and businesses with necessary flood mitigation resources.

The City is committed to exploring updated technologies and innovative solutions to enhance flood resilience without necessarily raising roads. An equitable approach to drainage system improvements remains crucial, as some areas still lack updated infrastructure.

ANALYSIS

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-notice/>

FINANCIAL INFORMATION

CONCLUSION

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):

Department

Office of Mayor Steven Meiner

Sponsor(s)

Mayor Steven Meiner

Co-sponsor(s)