



MIAMI FOREVER
GENERAL OBLIGATION BOND

Community Budget Meeting

Sea Level Rise and Flood Prevention

July 26, 2022





Sea Level Rise and Flood Prevention

Distribution By District		
District	Proposed MFB Next Funding	# Projects
D1	\$20,978,318	7
D2	\$24,205,860	5
D3	\$25,985,227	6
D4	\$0*	2
D5	\$25,252,932	5
TOTAL	\$96,422,337	25

Notes:

- *\$25,000,000 of MFB approved by City Commission on 11/18/2021 per Resolution R-21-0459 to District 4.



Recommended Projects for District 1 SLR&FP

	Project Name	Estimates			Available Funding	Applied for Grants/State Funding	Grant Awarded	Proposed MFB Next Funding	Grants Funding Source
		Preliminary Cost	Design/PM/Admin	Construction/CM					
1	Allapattah Flood Improvements - NW 7 Ave to 14 Ave, NW 23 St to 31 St	\$31,376,188	\$10,219,673	\$21,156,515		\$15,688,094	\$15,688,094	\$15,688,094	2022-2023 Flooding & Sea Level Rise Resilience Plan (State)
2	Seawall Replacements and Upgrades District 1	\$291,054	\$93,137.28	\$197,916.72		\$145,527	\$145,527	\$145,527	2022-2023 Flooding & Sea Level Rise Resilience Plan (State)
3	Immediate Flood Control: Install Backflow Valves District 1	\$324,000	\$32,400	\$291,000		\$162,000	\$162,000	\$162,000	2022-2023 Flooding & Sea Level Rise Resilience Plan (State)
4	LOCALIZED FLOODING IMPROVEMENTS District 1	\$970,000						\$970,000	
5	NW 17th Street from NW 27 AVE to NW 32 AVE	\$3,689,927	\$1,180,777	\$2,509,150	\$2,089,830	\$1,216,963	\$1,216,963	\$383,134	CDBG-MIT Round 1 (Federal Pass-Thru)
6	Pump Stations District 1	\$100,000						\$100,000	
7	Melrose Flood Improvements Phase 1, NW 23 Ave to NW 19 Ave, NW 34 St to NW 30 St	\$11,029,883	\$3,529,562.56	\$7,500,320.44				\$3,529,563	
Total		\$47,781,052	\$15,055,549	\$31,654,903	\$2,089,830	\$17,212,584	\$17,212,584	\$20,978,318	


 Grants Applied

Recommended Projects for District 2 SLR&FP



	Project Name	Estimates			Available Funding	Applied for Grants/State Funding	Grants Awarded	Proposed MFB Next Funding	Grants Funding Source
		Preliminary Cost	Design/PM/Admin	Construction/CM					
1	Fairview Flood Mitigation Phase II	\$5,923,518	\$1,895,526	\$4,027,992	\$4,601,904			\$1,321,614	
2	Brickell Bay Drive Seawall and Flood Improvements - SE 14 St to SE 15 Rd	\$27,255,000	\$8,721,600	\$18,533,400	\$6,600,000*	\$17,170,650	\$17,170,650	\$10,084,350	Resilient Florida Grant Program (RFGP) 2021-2022 (Federal Coronavirus SLFRF Pass-Thru)
3	Seawall Replacements and Upgrades District 2	\$5,987,815	\$1,916,101	\$4,071,714		\$2,993,908	\$2,993,908	\$2,993,908	2022 - 2023 Flooding & Sea Level Rise Resilience Plan (State)
4	Immediate Flood Control: Install Backflow Valves D2	\$2,500,000	\$250,000	\$2,250,000		\$1,250,000	\$1,250,000	\$1,250,000	2022 - 2023 Flooding & Sea Level Rise Resilience Plan (State)
5	LOCALIZED FLOODING IMPROVEMENTS District 2	\$3,644,160							
6	Pump Stations District 2	\$200,000							
7	Edgewater Flood Improvements Phase I - NE 4 Ave to Biscayne Bay, NE 22 St to NE 24 St (Pump Station)	\$17,111,976	\$5,573,615	\$11,538,361		\$8,555,988	\$8,555,988	\$8,555,988	Resilient Florida Grant Program (RFGP) 2021-2022 (Federal Coronavirus SLFRF Pass-Thru)
Total		\$62,622,469	\$18,356,842	\$40,421,468	\$11,201,904	\$29,970,546	\$29,970,546	\$24,205,860	


*MFB T1 Allocated \$1M and \$5.6M

 Grants Applied

Recommended Projects for District 3 SLR&FP



	Project Name	Estimates			Available Funding	Applied for Grants/State Funding	Grants Awarded	Proposed MFB Next Funding	Grants Funding Source	State Appropriations (no match dollars needed)
		Preliminary Cost	Design/PM/Admin	Construction/CM						
1	Jose Marti Park Seawall, Shoreline, and Flood Improvements-Construction *	\$18,813,274			\$13,497,843	\$2,843,365	\$16,341,208	\$2,472,066	CDBG-MIT Round 1 (Federal Pass-Thru)	
2	SW 8 Street Flood Improvements - SW 17 Ave to SW 22 Ave, SW 5 St to SW 12 St	\$9,781,446	\$3,185,956.58	\$6,595,489		\$4,890,723		\$4,890,723		
3	Immediate Flood Control: Install Backflow Valves District 3	\$92,000	\$9,200	\$82,800		\$46,000	\$46,000		2022 - 2023 Flooding & Sea Level Rise Resilience Plan (State)	\$100,000
4	LOCALIZED FLOODING IMPROVEMENTS District 3	\$1,052,000								\$1,052,000
5	Pump Stations District 3	\$2,500,000								\$2,500,000
6	East Little Havana Flood Improvements - W 12 Ave to W 17 Ave, NW 2 St to SW 6 St (Pump Station)	\$37,244,876	\$11,918,360	\$25,326,516		\$18,622,438	\$18,622,438	\$18,622,438	CDBG-MIT Round 2 (Federal Pass-Thru)	
Total		\$90,574,200	\$21,344,291	\$45,096,418	\$13,497,843	\$26,402,526	\$35,009,646	\$25,985,227		\$3,652,000

 Grants Applied

* Pending FIND allocation dollars



Recommended Projects for District 4 SLR&FP

	Project Name	Estimates			Available Funding	Applied for Grants/State Funding	Grants Awarded	Proposed MFB Next Funding	Grants Funding Source	State Appropriations (no match dollars needed)
		Total Estimated Cost	Design/PM/Admin	Construction/CM						
1	East Flagami Flood Improvements - NW 38 Ct to NW 42 Ave, NW 1 St to NW 7 St (Pump Station)	\$30,000,000	\$9,600,000	\$20,400,000	\$15,000,000	\$14,438,495	\$14,438,495		Resilient Florida Grant Program (RFGP) 2021-2022 (Federal Coronavirus SLFRF Pass-Thru)	
2	Auburndale Flood Improvements - SW 32 Ave to SW 37 Ave, West Flagler St to SW 8 St	\$20,951,438	\$6,824,183	\$14,127,255	\$10,000,000					\$1,500,000
3	LOCALIZED FLOODING IMPROVEMENTS District 4	\$890,000								
4	Pump Stations District 4	\$50,000								
Total		\$51,891,438	\$16,424,183	\$34,527,255	\$25,000,000	\$14,438,495	\$14,438,495	\$0		\$1,500,000

NOTES:

- \$15M of MFB approved by commission on 11/18/2021 Resolution R-21-0459 to East Flagami Flood Improvements
- \$10M of MFB approved by commission on 11/18/2021 Resolution R-21-0459 to Auburndale Flood Improvements (The projects is not fully funded)

Grants Applied

Recommended Projects for District 5 SLR&FP



	Project Name	Estimates			Available Funding	Applied for Grants/State Funding	Grants Awarded	Proposed MFB Next Funding	Grants Funding Source
		Preliminary Cost	Design/PM/Admin	Construction/CM					
1	NE 75 Street Flood Improvements - Miami Ave to NE 2 Ave (Pump Station)	\$24,337,933	\$7,788,139	\$16,549,794		\$12,168,966	\$0	\$3,894,069	
2	Shorecrest North Flood Improvements - NE 10 Ave to NE Bayshore Dr, NE 84 St to NE 86 St (Pump Station)	\$11,440,377	\$3,660,921	\$7,779,456					
3	Shorecrest South Flood Improvements - NE 8 Ct to NE Bayshore Ct, NE Little River Dr to NE 79 St (Pump Station)	\$16,067,860	\$5,141,715	\$10,926,145	\$1,760,000	\$8,033,930	\$8,033,930	\$8,033,930	Resilient Florida Grant Program (RFGP) 2021-2022 (Federal Coronavirus SLFRF Pass-Thru)
4	Clemente Park Flood Improvements - Miami Ave to NW 2 Ave and NW 30 St to 36 St	\$14,734,729	\$3,788,931	\$10,945,798					
5	Seawall Replacements and Upgrades District 5	\$1,804,269	\$577,366	\$1,226,904		\$1,804,269	\$902,135	\$902,135	2022 -2023 Flooding & Sea Level Rise Resilience Plan (State)
6	Immediate Flood Control: Install Backflow Valves D5	\$1,168,000	\$116,800	\$1,051,200		\$584,000	\$584,000	\$584,000	2022 - 2023 Flooding & Sea Level Rise Resilience Plan (State)
7	South-West Wynwood Flood Improvements - NW 3 Ave to NW 5 Pl, NW 16 St to NW 28 St (Pump Station)	\$31,698,773	\$10,087,607	\$21,436,166		\$19,859,977	\$19,859,977	\$11,838,798	CDBG-MIT Round 2 (Federal Pass-Thru)
Total		\$101,251,941	\$31,161,479	\$69,915,463	\$1,760,000	\$42,451,142	\$29,380,042	\$25,252,932	

■ Grants Applied