

dataid	entrydate	feature1	AgencyType
15355	10/4/2019 17:40	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15352	10/4/2019 17:37	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15349	10/4/2019 17:34	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15347	10/4/2019 17:29	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15345	10/4/2019 17:25	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15343	10/4/2019 17:19	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15326	10/4/2019 16:20	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15322	10/4/2019 16:16	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15320	10/4/2019 16:12	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15305	10/4/2019 15:51	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15301	10/4/2019 15:47	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15298	10/4/2019 15:42		Municipalities
15296	10/4/2019 15:06	POINT (-104.00612000000001 46.91931000000011)	Municipalities
15294	10/4/2019 14:59		Municipalities
15091	9/26/2019 12:01		Municipalities
15089	9/26/2019 11:55		Municipalities
15087	9/25/2019 15:06	POINT (-80.420102858507448 26.586415515750957)	Municipalities
14018	3/5/2019 14:54		Municipalities
14114	3/5/2019 14:53		Municipalities
14194	3/5/2019 14:51		Municipalities
14196	3/5/2019 14:51		Municipalities
14200	3/5/2019 14:50	POINT (-82.9705816932921 24.3206147242704)	Municipalities
14207	3/5/2019 14:49		Municipalities
14213	3/5/2019 14:47		Municipalities
14215	3/5/2019 14:46		Municipalities
14217	3/5/2019 14:45		Municipalities
14219	3/5/2019 14:44		Municipalities
14221	3/5/2019 14:43		Municipalities

14192	3/5/2019 14:41 POINT (-80.134976078173338 25.802330476461407)	Municipalities
14223	3/5/2019 14:36	Municipalities
13393	3/5/2019 14:13 POINT (-80.138343768159416 25.782208540524721)	Municipalities
13207	2/26/2019 16:31	Municipalities
10746	2/26/2019 16:02 POINT (-80.133422414096572 25.792290305011306)	Municipalities
11059	2/26/2019 16:01 POINT (-80.123319102311882 25.857127303653726)	Municipalities
2451	2/26/2019 15:58 POINT (-80.135493067396112 25.792802684251114)	Municipalities
9521	10/31/2018 9:27 POINT (-80.1326061130824 25.7819926479244)	Municipalities
9527	10/31/2018 9:14 POINT (-80.1326061130824 25.7819926479244)	Municipalities
11072	12/29/2017 12:26	Municipalities
11062	12/29/2017 12:18 POINT (-80.1292729233342 25.8036947075707)	Municipalities
11082	12/29/2017 12:08 POINT (-80.2345762858582 25.9103875689765)	Municipalities
11085	12/29/2017 12:07 POINT (-80.1392928683817 25.7904353165293)	Municipalities
11090	12/29/2017 12:06 POINT (-80.1293908870943 25.7979427758596)	Municipalities
571	11/30/2017 15:38 POINT (-80.1212287701335 25.8664043640666)	Municipalities
10744	11/30/2017 15:34 POINT (-80.1288395004235 25.7964315480838)	Municipalities
7315	11/30/2017 15:28 POINT (-80.1370871334439 25.7816020944697)	Municipalities
11441	11/30/2017 15:24 POINT (-80.134933352522 25.7922275621832)	Municipalities

9589	11/30/2017 15:17	POINT (-80.1588129518486 25.7908794055689)	Municipalities
9519	11/30/2017 15:15	POINT (-80.134933352522 25.7922275621832)	Municipalities
11054	11/30/2017 12:31	POINT (-80.134933352522 25.7922275621832)	Municipalities
11048	11/30/2017 12:29	POINT (-80.134933352522 25.7922275621832)	Municipalities
11051	11/30/2017 12:27	POINT (-80.134933352522 25.7922275621832)	Municipalities
11044	11/30/2017 12:20	POINT (-80.129978382409 25.799872599984)	Municipalities
11031	11/30/2017 12:01	POINT (-80.1273084177143 25.8643344391915)	Municipalities
11035	11/30/2017 12:00	POINT (-80.1366149568261 25.7899673086128)	Municipalities
575	11/30/2017 11:01	POINT (-80.134933352522 25.7922275621832)	Municipalities
9529	8/18/2017 10:49	POINT (-80.134933352522 25.7922275621832)	Municipalities
600	8/18/2017 10:46	POINT (-80.1354930673961 25.7928026842511)	Municipalities
582	8/18/2017 10:45	POINT (-80.1354930673961 25.7928026842511)	Municipalities
591	12/8/2016 13:26	POINT (-80.1323120625918 25.8056854693131)	Municipalities
7052	12/8/2016 13:25	POINT (-80.1373946405514 25.8189392278113)	Municipalities
7056	12/8/2016 13:22	POINT (-80.1549467730553 25.7907994385137)	Municipalities
585	11/14/2016 16:40	POINT (-80.1354930673961 25.7928026842511)	Municipalities
584	11/14/2016 16:40	POINT (-80.1354930673961 25.7928026842511)	Municipalities

597	11/14/2016 16:39 POINT (-80.2137322415521 25.7786733982527)	Municipalities
569	11/14/2016 16:38 POINT (-80.1354103553323 25.7959250044527)	Municipalities
570	11/14/2016 16:38 POINT (-80.123411035273747 25.857097625499236)	Municipalities
583	11/14/2016 16:36 POINT (-80.1354930673961 25.7928026842511)	Municipalities
598	11/14/2016 16:36 POINT (-80.1354930673961 25.7928026842511)	Municipalities
7141	11/14/2016 16:35 POINT (-80.1354930673961 25.7928026842511)	Municipalities
7064	11/14/2016 16:35 POINT (-80.1354930673961 25.7928026842511)	Municipalities
7147	11/14/2016 16:34 POINT (-80.1354930673961 25.7928026842511)	Municipalities
581	11/14/2016 16:33 POINT (-80.1316474334429 25.8157629109257)	Municipalities
576	11/14/2016 16:32 POINT (-80.1354930673961 25.7928026842511)	Municipalities
7137	11/14/2016 16:31 POINT (-80.1476190823824 25.7919805443104)	Municipalities
7133	11/14/2016 16:24 POINT (-80.1448374470531 25.8029064649298)	Municipalities
7128	11/14/2016 16:21 POINT (-80.1498703625154 25.778625534785)	Municipalities

7062	11/14/2016 16:19 POINT (-80.1214954592934 25.8655572256295)	Municipalities
7060	11/14/2016 16:19 POINT (-80.1372597944848 25.8078939025228)	Municipalities
7125	11/14/2016 16:18 POINT (-80.1323120625918 25.8056854693131)	Municipalities
7123	11/14/2016 16:05 POINT (-80.1341035004265 25.8151605725136)	Municipalities
7121	11/14/2016 16:05 POINT (-80.1363592546731 25.8556830360133)	Municipalities
7119	11/14/2016 16:04 POINT (-80.1331977650199 25.8514266197421)	Municipalities
7115	11/14/2016 16:03 POINT (-80.1338794838993 25.7661457323882)	Municipalities
7070	11/14/2016 16:03 POINT (-80.1278742991121 25.8654385354235)	Municipalities
7117	11/14/2016 16:02 POINT (-80.1374996162276 25.7851779102195)	Municipalities
7058	11/14/2016 16:00 POINT (-80.1614150123243 25.7802445741843)	Municipalities
7054	11/14/2016 15:38 POINT (-80.1445664281791 25.8000415024381)	Municipalities
572	11/14/2016 15:37 POINT (-80.1359691989383 25.7821580957226)	Municipalities

579	11/14/2016 15:37 POINT (-80.1369475696493 25.8196780335651)	Municipalities
590	11/14/2016 15:35 POINT (-80.1241235522025 25.8095849187163)	Municipalities
573	11/14/2016 15:34 POINT (-80.1427386161752 25.7792351386178)	Municipalities
971	11/14/2016 15:33 POINT (-80.1240037798205 25.8443432683156)	Municipalities
574	11/14/2016 15:33 POINT (-80.144796999057 25.7943942281683)	Municipalities
2735	11/14/2016 15:19 POINT (-80.1382099769179 25.8154508588025)	Municipalities
7139	11/14/2016 14:55 POINT (-80.1323120625918 25.8056854693131)	Municipalities
9517	11/7/2016 13:05 POINT (-80.1438232687761 25.794557408164)	Municipalities
9511	11/7/2016 12:25 POINT (-80.1302445390069 25.7994797721897)	Municipalities
578	1/7/2015 12:44	Municipalities
592	1/7/2015 12:43	Municipalities
594	1/7/2015 12:42	Municipalities
601	1/7/2015 12:36	Municipalities
604	6/20/2014 12:17	Municipalities
603	6/20/2014 12:16	Municipalities
589	6/20/2014 12:16	Municipalities
587	6/20/2014 12:15	Municipalities
580	6/20/2014 12:14	Municipalities

Agency	Department	Division
Miami Beach		
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Miami Beach		
Miami Beach	Environmental Department	
	City Manager's Office	
Miami Beach	Housing & Community Services	
Miami Beach	Emergency Management	
Miami Beach	Public Works	
Miami Beach		
Miami Beach	Public Works	

Miami Beach	Environment & Sustainability	
Miami Beach	Public Works	
Miami Beach	Public Works	
Miami Beach	Public Works	
Miami Beach	Public Works	
Miami Beach	Public Works	

Miami Beach Public Works

Miami Beach Public Works

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ProjectTitle

Marine Patrol Facility

Fire Station #3

Fire Station #1

Waterway Restoration

Seawalls and Shorelines

Roof Replacement for Cultural Facilities

Bioswales

Citywide Retention Projects

Aquifer Storage and Recovery

Dryproofing of Structures

North Beach Retention Project

Miami Beach Technology Project

Property Buyout Program

Private Home Elevation

Golf Courses - Resiliency Project

Dunes Restoration

Private Seawalls Citywide

Hardening of Affordable Housing Buildings

Public Safety Complex

ORCHARD PARK Neighborhood Improvements

LAKE VIEW / LA GORCE NEIGHBORHOOD IMPROVEMENTS

MAURICE GIBB PARK SEAWALL

Resilient Shoreline on SR-A1A

Seawalls - Various

SEAWALL-BISCAYNE BAY ST END PH. II

SEAWALL-BOTANICAL GARDEN

SEAWALL DADE BLVD - WASHINGTON AVE

Seawalls: CONVENTION CENTER DR TO WASHINGTON

Par 3 Resiliency Project

COLLINS CANAL ENHANCEMENT PROJECT

Hardening of City owned recreation building at 999 11th Street

Private Property Mitigation Projects

Hardening of City Buildings (555 17th St.)

Hardening of North Shore Youth Center

Acquisition of Emergency Generators

Upgrade of Safeboat for Miami Beach Police Dept. Marine Patrol

Upgrading of Miami Beach Police Dept. Marine Patrol's two (2) 32' Contender boats

Data Integration System

Hardening of Scott Rakow Youth Center

Hardening of Carl Fisher Clubhouse

Hardening of Colony Theatre

Hardening of Miami City Ballet Building

Storm Shutters and Protective Glass for City Buildings (Log Cabin)

Hardening of City Buildings (Bass Museum)

Hardening of Fire Stations

Citywide Undergrounding of Utilities

Venetian Islands – Neighborhood Improvements (Phase 2)

Area-wide Mitigation Plan

Stormwater System Improvements

Regional integration of power generation

Intelligent Transportation Systems/Emergency Communication Plan

City off-island Logistic Response Center

Hardening of Affordable Housing complex (MADELEINE VILLAGE)

Hardening of Affordable Housing Building (Neptune)

Extensive Repairs to Seawalls & Creation of Living Shoreline

Cultural and Historical Resources Hazard Mitigation Plan

Citywide Water Infrastructure Improvements

Stormwater Outfall and Seawall Reconstruction

Central Bayshore – Neighborhood Improvements (34th Street North)

Lower North Bay Road – Neighborhood Improvements

Venetian Islands – Neighborhood Improvements (Phase 1)

Portable Traffic Light Signals

Streetlight System Upgrade

West Avenue Bridge

Storm Shutters and Protective Glass for City Buildings (Miami Beach Botanical Garden)

Storm Shutters and Protective Glass for City Buildings (North Shore Park & Youth Center)

Citywide Dune Restoration & Enhancement Project

Citywide Wastewater Infrastructure Improvements

Citywide Tidal Flooding Mitigation Phase 1

Citywide Home Elevations

Drainage Hot Spots

48" Outfall at Easement 4180-4200 Chase Avenue

Flood Proofing Sewer and Pump Stations

Belle Island – New Pump Station and Existing Pump Station Conversion

Sunset Islands 1 & 2 – New Pump Stations

Star Island – New Pump Station

North Shore – Neighborhood Improvements

City Center – Neighborhood Improvements

Central Bayshore – Neighborhood Improvements (34th Street South)

Nautilus – Neighborhood Improvements

Normandy Shores – Neighborhood Improvements

Normandy Isle South – Neighborhood Improvements

South Pointe – Neighborhood Improvements

Biscayne Point – Neighborhood Improvements

Lincoln Road Improvements (Flamingo Park – 8th Street to Lincoln Road)

Palm & Hibiscus Islands – Neighborhood Improvements

Sunset Islands 3 & 4 – Neighborhood Improvements

Flamingo Park 6th Street (5th / 7th Streets) – Neighborhood Improvements

Middle North Bay Road Drainage Improvements

Indian Creek Drive 25th to 41st Street Drainage Improvements

West Avenue Neighborhood Drainage Improvements

La Gorce Neighborhood Drainage Project

Sunset Harbor Pump Station Upgrades / Drainage Improvements
Storm Shutters and Protective Glass for City Buildings (Mount Sinai Hospital)

Bayshore Neighborhood Improvements
Business Infrastructure Improvements to Mitigate Flood Risks

Storage Tank Refurbishment Project
Parkview Canal Seawall Revetment
Biscayne Point Drainage Improvements
Lake Pancoast Area Drainage Improvements
Regional Communication/Command Van
City Center - Historic District Drainage Improvements
South Point II Drainage Improvements
Star Island Drainage Improvements
Sunset Islands I & II Drainage Improvements
Belle Island Outfall Replacement

Status

Other

Other

Other

Other

Other

Future Unfunded Project

Future Unfunded Project

Future Unfunded Project

Other

Future Unfunded Project

Future Unfunded Project

Future Unfunded Project

Future Unfunded Project

Future Unfunded Project

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Funding Applied for
Future Unfunded Project
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Funding Applied for

Project Deferred
Funding Applied for

Funding Applied for
Future Unfunded Project
Project Complete
Future Unfunded Project
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Future Unfunded Project
Project in Planning Stage
Future Unfunded Project
Future Unfunded Project

Construction/Project Begun
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Future Unfunded Project
Future Unfunded Project

Construction/Project Begun
Funding Secured

Construction/Project Begun

Funding Applied for

Project Complete

Project Complete

Project Complete

Future Unfunded Project

Project in Planning Stage

Project in Planning Stage

Project in Planning Stage

Future Unfunded Project

Construction/Project Begun

Construction/Project Begun

Project in Planning Stage

Future Unfunded Project

Construction/Project Begun

Future Unfunded Project

Construction/Project Begun

Future Unfunded Project

Future Unfunded Project

Future Unfunded Project

Project in Planning Stage

Project in Planning Stage

Construction/Project Begun

Future Unfunded Project

Future Unfunded Project

Future Unfunded Project

Project in Planning Stage

Project in Planning Stage

Project in Planning Stage

Construction/Project Begun

25% complete

Project in Planning Stage

Project in Planning Stage

Funding Secured

Construction/Project Begun

Project in Planning Stage

Construction/Project Begun

Future Unfunded Project

Project in Planning Stage

Future Unfunded Project

Construction/Project Begun

Project Complete

Project Complete

Project Complete

Project Complete

Project Complete

Project Complete

Project Complete

Project Complete

Project Complete

selectedHazardSave

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Other

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge

,Flood,Flood/Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Health,Sea Level Rise,Wind,Other

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Other,Technological Disruption

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind,Other

,Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Technological Disruption,Wi

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

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,Flood,Flood/Storm Surge,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Storm Surge,Wind

Wind,Flood,Flood/Storm Surge,Power Failure,Sea Level Rise,Storm Surge,Technological Disruption

Flood,Flood/Storm Surge,Power Failure,Security Breach,Storm Surge,Technological Disruption,Wind,Other

Flood,Flood/Storm Surge,Power Failure,Storm Surge,Technological Disruption,Wind,Other

,Technological Disruption,Flood,Flood/Storm Surge,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Wi

,Flood,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Wind,Storm Surge

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

Wind

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge,Wind

Health,Other,Flood,Flood/Storm Surge,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Technological I

,Flood,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Technological Disrup

,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Technological Disrupt

,Flood,Flood/Storm Surge,Sea Level Rise,Wind,Storm Surge,Health

,Flood,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Technological Disrup

,Flood,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Technological Disrup

,Health,Power Failure,Security Breach,Technological Disruption,Flood,Flood/Storm Surge,Storm Surge,Wind,Sea

,Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge,Wind

,Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge,Wind

Flood/Storm Surge,Flood,Storm Surge,Sea Level Rise,Wind

Flood,Sea Level Rise,Storm Surge,Wind

Health

Flood/Storm Surge,Flood,Storm Surge,Sea Level Rise

Flood/Storm Surge,Flood,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Power Failure

Flood/Storm Surge,Flood,Power Failure,Storm Surge,Technological Disruption

Other

Wind

Wind

Flood/Storm Surge,Flood,Storm Surge

Health

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood/Storm Surge,Flood,Sea Level Rise,Storm Surge

Flood/Storm Surge,Flood,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood/Storm Surge,Sea Level Rise,Storm Surge,Flood

Flood/Storm Surge,Flood,Storm Surge,Sea Level Rise

Flood/Storm Surge,Flood,Storm Surge

Flood/Storm Surge,Flood,Sea Level Rise,Storm Surge

Flood,Sea Level Rise,Storm Surge,Flood/Storm Surge

Flood/Storm Surge,Flood,Storm Surge,Sea Level Rise

Wind

Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge

Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge

Flood/Storm Surge,Sea Level Rise,Storm Surge

Flood/Storm Surge

Flood/Storm Surge

Flood/Storm Surge

All Hazards

Flood/Storm Surge

Flood/Storm Surge

Flood/Storm Surge

Flood/Storm Surge

Flood/Storm Surge

ProjectType

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Other

Infrastructure (Building)

Other

Other

Infrastructure (Water/Sewer/Drainage)

Other

Other

Other

Infrastructure (Building)

Other

Infrastructure (Water/Sewer/Drainage)

Beach/Seawall

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Roadway)

Infrastructure (Roadway)

Beach/Seawall

Other

Beach/Seawall

Beach/Seawall

Beach/Seawall

Beach/Seawall

Beach/Seawall

Infrastructure (Water/Sewer/Drainage)

Beach/Seawall

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Equipment

Equipment

Equipment

Equipment

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Building)

Other

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Other

Equipment

COOP

Infrastructure (Building)

Infrastructure (Building)

Beach/Seawall

Other

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Equipment

Traffic Control

Infrastructure (Roadway)

Infrastructure (Building)

Infrastructure (Building)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Building)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

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Infrastructure (Water/Sewer/Drainage)

Infrastructure (Building)

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Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Building)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Building)

Infrastructure (Water/Sewer/Drainage)

Beach/Seawall

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Equipment

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Water/Sewer/Drainage)

Infrastructure (Roadway)

HMGP Hazard Mitigation Grant Program

HMGP Hazard Mitigation Grant Program

HMGP Hazard Mitigation Grant Program

HMGP Hazard Mitigation Grant Program, Flood Control Projects

Flood Control Projects

HMGP Hazard Mitigation Grant Program

HMGP Hazard Mitigation Grant Program

CDBG - Community Development Block Grant,SDCG Sustainable Development Challenge Grant
HMGP Hazard Mitigation Grant Program

Beach Erosion Control Projects,Flood Control Projects

HMGP Hazard Mitigation Grant Program

,HMGP Hazard Mitigation Grant Program,Flood Control Projects

Flood Control Projects

PDM/Interagency Flood Risk Management Project FY18

FMA FY 17

FMA FY 17

grantsource2

FundingSource

Partially funded with GOB funds.

Partially funded with GOB funds.

Partially funded with GOB funds.

Partially funded with GOB funds

Partially funded through the GOB program

Partially funded with GOB funds.

Future Unfunded

Future unfunded.

Future Unfunded.

Future Unfunded.

Future unfunded.

Future Unfunded

Future Unfunded.

Future unfunded.

Partially funded with GOB funds

Future Unfunded

Any

Potential

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Funding for this project is currently unsecured.

HMGP (Potential)

Unknown

Future grant funding.

Unknown

Grant Applied For

TBD

TBD

Potential grant funding.

Future grant funding.

Potential grant funding

Potential grant funds.

Potential grant funding.

Unknown

Unknown

Potential grant funding.

Future grant funding.

TBD

Future grant funding.

Potential grant funding

Potential grant funds

Potential grant funding.

Potential grant funds.

Potential grant funds

Potential grant funding.

Grant funds needed to supplement City funds allocated to this project.

FEMA and City of Miami Beach

Grant Applied For

Unknown

Grant Applied For

Unknown

Grant Applied For

City of Miami Beach

City of Miami Beach

City of Miami Beach

Unknown

Grant Applied For

Unknown

Grant Applied For

Unknown

Grant Applied For

Unknown

Grant Applied For

TBD

Unknown

Grant Applied For

Unknown

Grant Applied For

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Grant Applied For

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Grant Applied For

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Grant Applied For

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Grant Applied For

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Grant Applied For

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Grant Applied For

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Grant Applied For

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Grant Applied For

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Grant Applied For

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Grant Applied For

Unknown

Grant Applied For

Potential

Grant Applied For

FDOT and City of Miami Beach

Grant Applied For

Potential

Grant Applied For

Potential

Grant Applied For

Potential

Grant Applied For

TBD

Unknown

Grant Applied For

TBD

Grant Applied For

TBD

Grant Applied For

Other Internal Fundir

Other Internal Fundir

Other Internal Fundir

Other Internal Fundir

Other Internal Fundir

Other Internal Fundir

Other Internal Fundir

Other Internal Fundir

Other Internal Fundir

EstimatedCosts	FloodBasin	GlobalMatch	totalPointValue
0.00			96
0.00			100
0.00			97
0.00			94
0.00			100
0.00			76
0.00			77
0.00			80
0.00			65
0.00			80
0.00			92
0.00			99
0.00			70
0.00			100
0.00			83
0.00			82
0.00			90
2,000,000.00			63
160,000,000.00			84
14,000,000.00			88
87,000,000.00			88
321,164.00			88

1,500,000.00			62
2,126,150.00			88
1,700,000.00			88
1,209,000.00			89
1,625,000.00			88
1,800,000.00			88

5,460,190.00	74
5,458,889.00	85
1,000,000.00	82

1,000,000.00	68
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500,000.00	74
1,000,000.00	84

5,600,000.00	88	
50,000.00	84	
0.00	73	
1,000,000.00	86	
1,000,000.00	89	
1,000,000.00	56	
500,000.00	54	
1,000,000.00	56	
30,000.00	55	
500,000.00	69	
5,000,000.00	Unknown	88
10,000,000.00	83	

0.00	84
10,000,000.00	96
20,000,000.00	80
5,000,000.00	92
20,000,000.00	79
2,700,000.00	85
1,000,000.00	61
1,000,000.00	61

3,787,000.00	89
0.00	93

55,000,000.00	77
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1,800,000.00	83
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28,000,000.00	86
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14,000,000.00	85
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26,000,000.00	85
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160,000.00	74
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1,600,000.00	76
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5,400,000.00	87
117,000.00	61
317,455.00	0

400,000.00	85
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2,250,000.00	76
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0.00	92
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0.00	68
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0.00	85
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200,000.00	80
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2,340,000.00	89
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0.00	85
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0.00	79
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0.00	79
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0.00	85
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0.00	85
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0.00	85
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0.00	85
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0.00	85
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0.00	85
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0.00	85
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0.00	85
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0.00	85
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0.00	85
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70,000,000.00	85
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5,500,000.00	85
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2,700,000.00	85
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15,900,000.00	85
---------------	----

22,900,000.00	85
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800,000.00	86
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8,000,000.00	81
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0.00	85
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0.00	75
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0.00	73
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1,800,000.00	0
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6,600,000.00	0
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1,600,000.00	0
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500,000.00	0
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2,800,000.00	0
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2,000,000.00	0
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703,000.00	0
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1,916,000.00	0
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374,000.00	0
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ProjectDescription

Renovate and harden the existing marine patrol facility with a larger building. This facility houses the city's fire p

Replace deteriorated Fire Station #3 with a hardened and structurally sound and weather resistant building.

Replace deteriorated Fire Station #1 facility with a new and fully hardened building facility in a location that expe

Protect and restore city waterways by dredging contaminated waters and removing invasive species along shore

Raise public seawalls to the updated minimum height standard in areas most vulnerable to sea level rise and stre

Replacement of roofs for cultural facilities citywide.

Bioswales. Project location is the entire city, including 59th and Alton Road location.

Retention/detention lake/pond projects including 6th Street Park area, Flamingo Park area, North Shore Open Sp

Aquifer storage and recovery.

Floodproofing of structures. Includes all types of structures on Miami Beach.

Planning, TA and Construction funds for North Beach Retention project in the area of 72nd Street and Normandy

Technology project to mitigate hazards.

This project will buyout properties. The land may be used for a mitigation project or otherwise.

This project is for Technical Assistance to implement a program through the City for homeowners to obtain mitig

Retention Project for City Golf Courses

Dune Restoration Citywide

Retrofit seawalls citywide

The City of Miami Beach (City) owns and operates several affordable rental housing projects in the City. Utilizing

To follow a nationwide trend of Public Safety facilities that house both the EOC and 9-1-1 call centers together in

The scope consists of area-wide street improvements including street resurfacing; swale restoration; repair of sic

The scope consists of area-wide street improvements including street resurfacing; swale restoration; repair of sic

To furnish and install 200 L.F. of precast panel seawall with the top of the seawall cap to be installed at an elevat

the area. The scope of work consists of creating a 0.47-acre mangrove planter in the waterway adjacent to SR-A1A,

south of 25th Street. The planter template is comprised of 0.20 acres of planted mangroves bordered by a 0.27 acre sloped riprap revetment. The planter will be constructed of a rock or concrete rubble base underlying layers of filler stone and top soil mixture of organic material and sand. The riprap will be configured to a peak extending 1.34 feet above the mean high water elevation to contain the soil and will incorporate five-foot-wide gaps at the north and south ends and every 100-feet along its length to allow for natural hydrodynamic flow and the passage of fish and wildlife into the habitat.

Seawall replacements and repairs for Cherokee Ave. south end, Lincoln Court, Holocaust Memorial, Collins Canal

The Biscayne Bay Streetends Enhancement Phase II at 10th Street will provide drainage, streetend landscape anc

Phase 3: Improvements to the Collins Canal Corridor, to be designed as an extension of the Botanical Garden, to

Seawall -Dade Boulevard- Collins Canal - Washington Ave.

This seawall is part of the Convention Center work from Convention Center Drive to Washington Avenue.

The Mid-Beach Community Park (formerly known as Par 3) was previously a golf course and will be developed as a passive community park. Environmental Reports show that due to its previous use as a golf course, the site is contaminated. Environmental remediation will be the first element to be addressed. The proposed elements include a central lake; open meadows and informal open play field areas; landforms; pavilion; tennis courts (6) with restroom facilities; children's playground; dog park; boardwalk and pathways; security lighting; vita course and fitness cluster; butterfly garden; linear water feature and parking lot. The passive park will preserve landmark specimen trees and pastoral spaces.

Additional proposed resiliency approaches include:

- Water filtering littoral zones surrounding the lake to improve water quality.
- Native plantings and beneficial lawns, reducing pesticide and fertilizer use, reducing water quality impacts and increasing wildlife habitat.
- Balanced cut and fill, capping contaminated soils discovered during the environmental site assessment.

The Collins Canal Enhancement Project includes the development of the Dade Boulevard Bike path, which is a re Building is in need of hardening and wind retrofitting to include new roof and possible window upgrades. There Through this project, the City will complete private property mitigation projects (commercial and residential) and will purchase private properties for the purpose of mitigation activities. The "Alton Road Project" is to be included in the project.

The City will work in collaboration with homeowners to elevate their homes. Miami Beach is surrounded by seas rising three times the pace of the global average and faces risk from 'sunny day' tidal flooding, flooding due to heavy rain, storm surge, and sea level rise. All homes in Miami Beach lie within flood risk zone A or B. The threat to private property brings an added risk of loss of life as many residents have a false sense of security and will wait out flooding events in their homes.

To mitigate this risk, the City proposes a comprehensive home elevation program. City staff in the planning, building, and grants departments will assist homeowners through the application and construction processes and will ensure compliance with FEMA regulations. To qualify, applicants must meet the following criteria:

1. Permanent legal resident of Miami Beach
2. Homeowner for a minimum of one (1) year; must be in the name of the applicant

The City owned building at 555 17th Street requires protection from wind, flooding, and storm surge during a significant weather event. No updates to the building have been made and as an older building it is extremely

During an emergency, the North Shore Park Youth Center becomes an Emergency Operating Area (EOA). EOAs at

The purpose of this project is to purchase portable generators to be deployed at pump stations citywide during an emergency. The pump stations are critical infrastructure as they serve to pump water away from the land

Miami Beach Police Department has one Safeboat. The upgrade of the Safeboat is aimed at tackling both man m

The upgrading of the Contenders with highly technical navigation, illumination and detection equipment (plus ne

The data integration project will use analytics to predict climate change related weather and environmental ever

During an extreme weather event, this building serves as a base for emergency operations. Building is in need of

This building is in need of hardening and wind retrofitting.

This building is in need of hardening and wind retrofitting.

This building is in need of hardening and wind retrofitting.

The city is a barrier island that is subject to high winds, missile hazards and significant impact damage. City build

The Bass Museum is extremely vulnerable to flooding, storm surge, and high winds due to its proximity to the At

Intensive hardening is required to protect the fire stations during an emergency and to continue protective loss c

Relocation of power lines underground to protect human life during extreme weather event. This project include

Venetian Islands – Neighborhood Improvements (Phase 2): The purpose is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices); 2) Construct water quality treatment devices; and 3) Construct

Area-wide mitigation plan: The City of Miami Beach has significant exposure to numerous natural hazards that h
Potential activities of this project include: install backflow preventers at outfalls, construct new stormwater pum

This project includes the addition of solar capabilities to street lighting and the regional integration of power gen
This project will provide for emergency communications and intelligent transit in support of evacuation efforts (i

The City off-island Logistical Response Center will be for use in maintaining adequate facility and resources (Eme
Madeleine Village is a four building, 35 unit, historic affordable housing complex. All residents are low-income, n

The Neptune is an affordable housing building in need of hardening and wind retrofit. All residents are low-incon
Approximately twenty-five (25) seawalls in Miami Beach are in need extensive repairs and the creation of a

living seawall is needed. Funding and completion of these seawalls would mitigate the damage to the inland
shoreline located throughout the city. The seawalls provide the armor protection from the effects of tidal and

wave action along the waterways. Present conditions will lead to erosion of the banks and eventual loss of
property into the canals. The loss of property into the canals contributes to flooding due the reduction in canal

depth. In order to be in compliance with environmental concerns, seawall & bulkhead repairs will require a
Miami-Dade DERM permit, which typically requires a hydrographic survey to determine any possible impacts to

the adjacent waterway ecosystems, particularly seagrass. Seawall & Bulkhead construction equipment and/or
Plan includes a vulnerability assessment and mitigation strategies for the protection of cultural and historical res

Citywide Water Infrastructure Improvements: The project includes the replacement of aging water lines (60+
years old). These iron pipes are significantly tuberculated which has resulted in diminished water quality and

hydraulic problems. This project is fully programmed through neighborhood projects and other projects in the
City's 5-year Capital Improvement Plan, subject to appropriation of additional programmed funding.

Stormwater Outfall and Seawall Reconstruction: Replacement of seawalls and 150 stormwater outfalls with
associated relining of piping leading to outfalls in areas that have three properties with repetitive flood claims.

Project will also include a pollution control device and possible demolition of existing seawalls, repair of
seawalls, and relocation of riprap.

Central Bayshore – Neighborhood Improvements (34th Street North): The purpose of the project
improvements is to provide a higher level of service defined by flood protection and control of pollutant

loading in the stormwater system, and reduce reliance on gravity or pressurized drainage (injection) wells. The
improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and

Lower North Bay Road – Neighborhood Improvements: The purpose to provide a higher level of service defined
by flood protection and control of pollutant loading in the stormwater system. The improvements consist of

one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct
and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and

Venetian Islands – Neighborhood Improvements (Phase 1): The purpose is to provide a higher level of service
defined by flood protection and control of pollutant loading in the stormwater system. The improvements

consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2)
Portable Traffic Light Signals: During power outages, the traffic lights are inoperable, causing a potential

hazard. Portable traffic signals will provide the safety that is needed for traffic control. The city anticipates
that it will need ten portable traffic signals to adequately handle an emergency situation.

Streetlight System Upgrade: There are approximately 8,400 streetlight poles located throughout the City.
Public Works is in the process of developing street lighting standards that will be used to upgrade the street

lights when neighborhoods are reconstructed or insufficient lighting is addressed. Standards will be developed
for average street lighting as well as individual fixtures. Lighting upgrades will also be in response to Police

West Avenue Bridge: The project is of regional significance and will help relieve congestion on State road 907 (Alton Road). A connected West Avenue would help reduce the volume of local traffic at the busiest intersections. In addition, it would provide a safer venue for cyclists, pedestrians, and motorists making their way to the causeway to Miami, than other existing venues.

The city is a barrier island that is subject to high winds, missile hazards and significant impact damage. The building requires protection for windows during a significant weather event. The city is a barrier island that

Citywide Dune Restoration & Enhancement Project: This project seeks to restore the City's coastal dune system by removing non-native vegetation, planting native species, and selectively trimming native vegetation. This project will improve the overall health and stability of the dune system so it is best suited to retain sand and protect upland structures from storm surge and flooding. The project will also install a rope and post fence

Citywide Wastewater Infrastructure Improvements: The wastewater lines are approximately 50-80 years old. The iron pipes are increasingly brittle, resulting in hydraulic problems and potential failures. The useful life of these force mains is approximately 50 years and the pipes are either at the end of or beyond their useful life. This project will implement the city's Wastewater System Master Plan, which will replace aging lines that are

Citywide Tidal Flooding Mitigation: The purpose of the project improvements is to prevent the backflow of water from the Biscayne Bay into the City's stormwater management system and up through the stormwater inlet grates flooding the roadway curb and gutter. This tidal flooding poses a threat to public health and safety, inconveniences the public, and has caused major damage to structures, and killed lawns and landscaping. In

Citywide Home Elevations: The project will assist eligible homeowners to elevate their properties in order to mitigate flooding. The project will also encourage homeowners to become more resilient and to incorporate climate change considerations in their home improvement projects. It will also promote the inclusion of mitigation strategies that foster community resilience against flooding risks.

Stormwater Outfall and Seawall Reconstruction: Replacement of seawalls and 150 stormwater outfalls with associated relining of piping leading to outfalls in areas that have three properties with repetitive flood claims. Project will also include a pollution control device and possible demolition of existing seawalls, repair of seawalls, and relocation of riprap.

48" Outfall at Easement 4180-4200 Chase Avenue: Improvements include building a new 48" outfall and installing approximately 450 linear feet of 48" HDPE pipe, one manhole, and one catch basin. When completed, this project will produce a stormwater system capable of providing a high level of service in the area.

Flood Proofing Sewer and Pump Stations: Relining and sealing 31 pump stations and 500 manholes throughout the city to prevent water intrusion—which would damage pump station equipment/structures—and failure of stations, thereby avoiding flooding. In the past, five pump stations have failed during storms and resulted in flooding.

Belle Island – New Pump Station and Existing Pump Station Conversion: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system, and reduce reliance on gravity or pressurized drainage (injection) wells. The improvements consist of one or a combination of the following: 1) Construct additional stormwater collection

Sunset Islands 1 & 2 – New Pump Stations: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Construct additional stormwater collection system piping to interconnect existing pipe networks, 2) Construct water quality treatment devices, 3)

Star Island – New Pump Station: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Construct additional stormwater collection system piping to interconnect existing pipe networks, 2) Construct water quality treatment devices, 3)

City Center – Neighborhood Improvements: The purpose to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of the construction of two pump stations to serve the Convention Center and portions of the neighborhood.

City Center – Neighborhood Improvements: The purpose to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of the construction of two pump stations to serve the Convention Center and portions of the neighborhood.

Central Bayshore – Neighborhood Improvements (34th Street South): The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair,

Nautilus – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems,

Normandy Shores – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems,

Normandy Isle South – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and

South Pointe – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems,

Biscayne Pointe – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and

Lincoln Road Improvements (Flamingo Park – 8th Street to Lincoln Road): The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of improving surface drainage.

Palm & Hibiscus Islands – Neighborhood Improvements: The purpose is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2)

Sunset Islands 3 & 4 – Neighborhood Improvements: The purpose is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and

Flamingo Park (5th to 7th Streets) – Neighborhood Improvements: The purpose is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems,

Middle North Bay Road Drainage Improvements: This project addresses numerous resident complaints and staff observations regarding a low stormwater service level in the neighborhood. Drainage improvements would include pump stations as well as additional drainage collection, conveyance, treatment, and disposal facilities to serve the entrance to Mt. Sinai as well as Middle North Bay Road neighborhood.

Indian Creek Drive 25th to 41st Street Drainage Improvements: Construction consists of drainage improvements, seawall construction, a pump station as well as road raising on Indian Creek. The project includes construction of new catch basins and outfalls with associated piping. The stormwater will be treated using vortex structures and stormwater pump stations.

West Avenue Neighborhood Drainage Improvements: Drainage improvements for West Avenue (5th to 8th Street) as well as 10th, 14th, and 17th Streets (Alton Road to West Avenue) consist of new pump stations, additional drainage collection, conveyance, treatment, and disposal facilities. This drainage project will mitigate street-level flooding and reduce residential/commercial flooding concerns.

La Gorce Neighborhood and Allison Island Neighborhood Drainage Improvements: The purpose of this project is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or

Sunset Harbor Pump Station Upgrades and Drainage Improvements: During the construction of the stormwater system upgrades, the City determined that the project should be expanded to include raising the road elevation/improving the storm drainage system in the entire neighborhood. This project will provide a higher level of storm water service to the Sunset Harbor neighborhood. Phase II of the project aims to provide

Storm Shutters and Protective Glass for City Buildings: The city is a barrier island that is subject to high winds, mi The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and

The City of Miami Beach continues to face critically dangerous conditions due to climate change and consistent c

Repair and replace all storage tank to meet DERM compliance. This project hardens infrastructure that supports critical infrastructure sites throughout the city, including fire stations, pump stations and our public works yard. Two (2) sites in the process of construction for full replacement (i.e. Convention Center & MBFD Station #3). Remaining storage tank sites are under review reference prioritization & locating funding source. Estimated Project completion year:

In 2002, a city-wide survey was conducted to determine the condition of 99 seawalls and bulkheads within the ci

Construction of drainage improvements at Stillwater Drive and 85th and 86th street in Biscayne Beach as part of

Construction of drainage improvements for West 24th Street and Lake Pancoast Drive and West 25th Street as p

Regional Communications/Command Van for Miami Beach and neighboring barrier island communities. ♦ This F

Construction of drainage improvements from Lincoln Lane North on the south, Washington Avenue on the west,

Construction of drainage improvements south of 5th Street is part of a comprehensive program of drainage impr

Construction of drainage improvements on the island are part of a comprehensive program of drainage improve

Construction of drainage improvements on these islands are part of a comprehensive program of drainage impr

Replacement of three (3) outfall pipes along the Venetian Causeway East Bridge and Farrey Lane, from Control St

patrol boat.

Provides emergency coverage in South Beach. Includes space for a 911 Call Center.
lines.

Prevent flooding; incorporate living shorelines with natural vegetation, native species and other green infrastr

Space Beachwalk and 72nd Street.

7. May extend to include the Normandy Shores Golf Course.

igation funding.

State and Federal funds, the City acquired and maintains these properties to serve very low-, low- and n
a hardened building, create a public Safety Complex to include training rooms, an EOC (with office spac
seawalks; targeted street lighting upgrades to correct deficiencies; enhanced landscaping within the stree
seawalks; targeted street lighting upgrades to correct deficiencies; enhanced landscaping within the stree
ion of 5.7 NAVD

Convention Center, Indian Beach Park, Normandy Shores Park. The failing seawalls will be reconstructed
d replacement and repair of seawalls along Biscayne Bay. This project will provide improvements to the s
include: demolition of existing walks along canal, relocation of plantings, excavations, relocation of pow

creational greenway that will connect to the Venetian Causeway Bike Path and the Beachwalk, as well as are two not-for-profit community organizations housed in this building: The Miami Beach Police Athletic

re an area for operations to include the pre-incident resource staging; response and initial recovery activ

ade and natural disasters. In particular, the upgrades will enable officers to rescue citizens on limited ac
w high-powered engines), will provide the capability for the MBPD Marine Patrol to address both man r
nts.

hardening and wind retrofitting.

ings listed require protection for windows during a significant weather event.

lantic Ocean. Flooding took place during the most recent disaster event. The Museum contains invaluable
of life and property. The City facilitated an in-depth assessment of the Fire Station, and upon evaluation
s hospitals, police, fire, EOC, residential, and business operations.

have caused millions of dollars in past damage. Limited local resources make it difficult to be pre-emptive. We need to invest in resilient infrastructure (pumps, add pumps to gravity systems, create storage for stormwater, and raise seawalls to mandate elevation (solar/wind/wave/generator) into the utility grid. We also need to invest in resilient systems (e.g. hardened installations, data fusion and redundant systems capabilities) in support of the City's emergency operations and 1-2 days of essential supplies/commodities) in support of the City's expeditious response to meet the US HUD 80% AMI criteria. All four structures are in need of hardening and wind retrofit. We need to invest in resilient systems (e.g. hardened installations, data fusion and redundant systems capabilities) in support of the City's emergency operations and 1-2 days of essential supplies/commodities) in support of the City's expeditious response to meet the US HUD 80% AMI criteria.

resources located within the City's Local Historic Districts.

ings listed below require protection for windows during a significant weather event.
is subject to high winds, missile hazards and significant impact damage.

ssile hazards and significant impact damage. The buildings listed below require protection for windows

oastal and rainfall flooding. This project includes a request for funding for infrastructure improvements

ity of Miami Beach. All have been prioritized according to condition and location. Approximately twenty-
a comprehensive program of drainage improvement projects which will alleviate chronic neighborhood
art of a comprehensive program of drainage improvement projects which will alleviate chronic neighbor
regional capability is crucial as with a natural disaster or terrorist incident, our ability to receive assistanc
21st St on the north, and Collins Avenue on the east are part of a comprehensive program of drainage i
ovement projects, which will alleviate chronic neighborhood flooding situations. The project includes c
ment projects, which will alleviate chronic neighborhood flooding situations. The project includes const
ovement projects, which will alleviate chronic neighborhood flooding situations. The project includes co
tructures 1, 2 and 3. Approximately 125 linear feet of existing 12 inch outfall pipe at the southeast side c

structure.

moderate-income households. Many tenants are elderly, disabled, or both. The City's priority is to provide affordable housing (including the PSAP (with office space), dorms and a City commissary all under one roof. Building is to be CAT-5. Project includes: Right of Way; water main replacement and targeted stormwater improvements.

and/or rehabilitated to protect life and property. Project includes: stormwater system, minimize land based sediment run-off into Biscayne Bay Aquatic Preserve, and enhance security rollup gates, site furnishings, and the replacement of approximately 312 linear feet of curb.

seawall restoration for the north bank of the canal. The major bikeway artery will tie into a regional network of bikeways connecting the Miami Beach Boys & Girls Club and the Miami Beach Boys & Girls Club.

ities; logistic resource staging; base, and/or Points of Distribution (POD), within a defined geographic region.

cess islands or other boats, and in most weather and daylight conditions. In addition, it will provide the means to access the islands and other boats in the event of man-made and natural disasters. In relation to the latter, the boats will, when upgraded, have a 24 hour capability.

le works of art of cultural significance which should be protected from storm damage. In addition, the project will provide for the protection of the current site conditions and minimum code requirements, full site hardening of existing structures.

e in risk reduction initiatives. Being able to leverage financial assistance is paramount to successful hazard heights.

recovery from a catastrophic event. As a barrier island this remote location would provide an operationa

during a significant weather event.

and business resilience funding to combat the damage caused by these conditions and mitigate further c

five (25) need extensive repairs. Funding and completion of these seawalls would mitigate the damage t
flooding situations. The project includes construction of new pump stations, catch basins and outfalls w
hood flooding situations. The project includes construction of new catch basins and outfalls with associ
e from the mainland can be non-existent. ❖ The ability to communicate and continue to operate public
mprovement projects, which will alleviate chronic neighborhood flooding situations. The project include
onstruction of new catch basins and outfalls with associated piping. The storm water will be treated usir
ruction of new catchbasins and associated piping. The stormwater will be treated using new gravity wel
nstruction of new catch basins and outfalls with associated piping. The storm water will be treated usin
f the Venetian Causeway east bridge to the outfall with 18 inch pipe (CS-3). Approximately 86 linear fee

he safety of the vulnerable populations housed in its affordable housing properties. The City-owned project is elevated and flood-resistant. The commissary will operate year-round as a feeding option for employees, so

to ensure public access to the water. This project includes outfall replacement and improvements. This project addresses a badly deteriorated seawall

network of planned recreational trails/alternative transportation routes, called the Atlantic Greenway Network

of the City. City and service agency response and recovery efforts are coordinated through EOCs to

capability to tackle waterborne threats e.g. unoccupied boats that have burst their moorings during storms, and will not be hampered by poor visibility and/or bad weather. This will enable officers to rescue

was recommended in order to mitigate potential severe hazards and provide the public with basic services

rd mitigation in the area. This project includes drainage and neighborhood storm water infrastructure ir

I platform for all essential City functions should the island become uninhabitable.

damage in the Sunset Harbor neighborhood and other affected neighborhoods throughout the City.

to the inland shoreline located throughout the city. The seawalls provide the armor protection from the ocean with associated piping. The storm water will be treated using pressurized wells. The Biscayne Point area contains at least one property with associated piping. The storm water will be treated using a pumped well. This area contains at least one property where safety is crucial to mitigating damage and/or injuries caused by a major incident. As the largest of the properties, it requires the construction of new catch basins and outfalls with associated piping. The storm water will be treated using new gravity wells and/or exfiltration trenches. Estimated cost of stormwater improvements: \$1,200,000 for 15 inch pipe and/or exfiltration trenches.

Estimated cost of storm water improvements:

Installation of 15 inch pipe located on Farrey Lane to the outfall From CS-2. Approximately 242 linear feet of pipe located on Farrey Lane to the outfall From CS-2. Approximately 242 linear feet of pipe located on Farrey Lane to the outfall From CS-2.

properties are near bodies of water that rise with the seas and are susceptible to flooding due to heavy rain it would be stocked with rotating comestibles. Warehouse space also to be included in this particular st

t is part of a larger city-wide initiative to repair over 100 seawalls that are in disrepair. Additional fundin

work, connecting five public parks, eight beach access areas, and seven regional parking facilities in Mian

ensure rapid identification of impacted populations and to ensure the swift response of life-safety/pres

'ms.

citizens on limited access islands or other boats, in most weather and daylight conditions. In addition, it

ces. This project includes a minimum of three fire stations.

nprovements.

from the effects of tidal and wave action along the waterways. Present conditions will lead to erosion of the bank which contains several properties with repetitive flood claims and flooding impedes the single means of access to the property with repetitive flood claims. Estimated cost: \$1,600,000

On the barrier island communities, Miami Beach would be in position to provide public safety services to our residents by using new gravity wells. This project is in construction. Estimated cost of storm water improvements:

located on the south west side of Venetian Causeway east bridge to the outfall (CS-1). The project is divided into two sections:

s and tidal changes. The aging buildings are not strong enough to protect their inhabitants in the case of
ructure, as well as protected parking.

g to be provided by reallocation of funding from existing project West/Bay Neighborhood Shore in the a

ni Beach. This project is part of the larger Atlantic Greenway Network, which aims to promote the use of

ervation needs to the public and to vulnerable populations. EOAs are critical for first responders and City

: will provide the capability to tackle waterborne threats, e.g. unoccupied boats that have burst their mo

ne banks and eventual loss of property into the canals. The loss of property into the canals contributes t
to the homes in the area, including access for emergency vehicles. Estimated cost: \$6,600,000.

neighboring municipalities as well as provide command and control for a unified operation. ♦ The Fire C

ded into two phases. Phase I will replace the outfall pipe from CS-3 to the east, and Phase II will replace

a major hurricane or disaster. The City requires funding to harden the properties, including wind retrofi

mount of \$198,918. No anticipated maintenance cost other than inspections. This project is FIND grant €

alternative transportation and reduce traffic congestion. An embankment stabilization and seawall rest

support staff alike and as such this facility is fundamental to the City's response and public safety. This

orings during storms.

o flooding due the reduction in canal depth. This project includes constructing revetment along eroded l

Department has targeted \$85,000.00 in UASI funds for this unified approach and is in need of additional f

the outfall pipes from CS-1 and CS-2. The outfall pipes need to be replaced to complete the Belle Isle Stc

tting, the securing of building envelopes, window replacement, roof replacement, seawall repairs, and b

eligible. The funding request for the required 50% matching funds, which would provide for the successf

oration project are an integral component of the Dade Boulevard Bike Path project, since the walls of th

building is the only EOA in the northern section of Miami Beach, which is home to low- and moderate-in

bank areas. In order to be in compliance with environmental concerns, seawall & bulkhead repairs will r

funding to complete this purchase.

ormwater Improvements, to alleviate the recirculation of water at CS-3 located in the vicinity of the east

ringing the properties to code.

ul completion of the project upon grant approval.

e canal cannot provide adequate structural support to the proposed bike path to ensure the safety of its

come populations. The building is in need of hardening and wind retrofitting. The purpose of the project

require a Miami-Dade DERM permit, which typically requires a hydrographic survey to determine any po

ernmost Venetian Causeway Bridge, and to replace the deteriorated outfall pipes at CS-1 and CS-2.

; users.

is to replace substandard windows and doors and replace the roof, ensuring

ossible impacts to the adjacent waterway ecosystems, particularly seagrass. A State FDEP an