

Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Belleair Beach	Master Stormwater Plan for city-wide stormwater improvements and flood prevention	\$55,000	Completed 2016	Currently Budgeted Local	1/19/2022	8/17/2017	Lynn Rives
Belleair Beach	Harbor Dr. & 1st Street	\$381,000	Completed	Local	1/19/2022	9/5/2019	Lynn Rives
Belleair Beach	Harrison Avenue Bridge Repair	\$160,000	Completed	Local	1/19/2022	11/8/2018	Lynn Rives
Belleair Beach	Belle Isle Stormwater Improvement	\$122,000	Currently Underway	Local	1/19/2022	12/6/2018	Lynn Rives
Belleair Beach	Belle Isle Avenue Seawall Repair	\$329,000	Currently Underway	Local	1/19/2022	12/6/2018	Lynn Rives
Belleair Beach	Harbor Drive & 2nd Street	\$185,000	Completed	Local	1/19/2022	11/8/2018	Lynn Rives
Belleair Beach	Harrison Avenue Seawall	\$105,000	Completed	Local	1/19/2022	11/8/2018	Lynn Rives
Belleair Beach	Master Drainage Plan	\$50,000	Completed	Local	1/19/2022	9/5/2019	Lynn Rives
Belleair Beach	Traffic Light Mitigation	\$447,000	Completed	EMPATF, HMGP; PDM Program Penny for Pinellas	1/19/2022	9/5/2019	Lynn Rives
Belleair Beach	3rd-6th St - Drainage Improvement Plan - to prevent High Tide Flooding 3rd-6th Street	\$356,000	Completed	Local	1/19/2022	11/9/2020	Lynn Rives
Belleair Beach	7th-8th Street Drainage Improvement Plan	\$305,000	Completed	Local	1/19/2022	9/27/2021	Kyle Riefler
Belleair Beach / Public Works	Stormwater Management - Stormwater repairs, improvements, and replacing curb work. Replace valley curbs Estimated completion time: more than 12 months. / 1	\$172,292	Completed	Local Funds	1/19/2022	9/27/2021	Kyle Riefler
Clearwater	Former Clearwater Christian College Property Acquisition	\$1,300,000	Project complete (2016)	Local	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Fire Station 45 and EOC	\$10,500,000	Construction complete (2016)	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Fire Station 50	\$3,814,740	Completed (2017)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Gas Complex	\$13,000,000	Completed	EMPATF, HMGP; PDM Program	1/19/2022	10/23/2019	Sarah Kessler
Clearwater	Police Shooting Range	\$2,382,819	Complete (2017)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Public Works Complex – Phase I Street Sweeping Facility	\$1,975,349	Design Complete	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Berkley Place Drainage Improvements	\$360,000	Project complete in 2016	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Lower Spring Branch Stormwater Improvements	\$1,800,000	Currently in Design (2016)	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Byram Ditch Bank Stabilization	\$330,000	Project complete in 2015.	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Druid Road Stormwater Improvements	\$2,825,000	Currently in Construction (2016)	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Mango Avenue Stormwater Improvements	\$1,600,000	Completed (2017)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Glen Oaks Stormwater Improvement Project	\$2,500,000	Project completed in 2006.	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Lake Bellevue Stormwater Improvements	\$1,300,000	Project complete in 2007	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Woodlawn Terrace Stormwater Improvements	\$800,000	Project complete in 2015	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Hillcrest Avenue Bypass Culvert	\$3,900,00	Currently in Construction (2018)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	East Gateway Stormwater Improvements	\$12,000,000	Currently in Construction (2018)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Solid Waste Transfer Facility	\$18,000,000	Currently in Construction (2018)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Cooper's Point Master Plan	\$200,000	Project complete in 2017	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Renovations to Beach Marina Buiding	\$2,500,000	Project complete (2016)	Private and Local	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Purchase Friendly Village of Kapok Mobile Home Park to eliminate repetitive flood losses. A nature park was created on the site along with storm water improvements for the area to prevent flooding.	\$17,000,000	Complete	Local and State	1/19/2022	10/4/2016	Sarah Kessler
Clearwater	Replace seawalls throughout Clearwater Beach. Estimated completion time: more than 12 months.	\$5,000,000	Ongoing	EMPATF, HMGP; PDM Program	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Develop a CERT that is trained on How to Educate Homeowners on Mitigation Techniques.	\$37,000	Complete	Local and State	1/19/2022	10/4/2016	Sarah Kessler

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Clearwater	Purchase 2000Kw mobile generator	\$375,000	Complete (2018)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Jeffords Street Outfall	\$1,000,000	Complete (2018)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Magnolia Street Outfall	\$4,000,000	Completed (2017)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Woodlawn Terrace Floodplain Storage	\$1,000,000	Completed (2017)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Smallwood Circle Drainage Improvements	\$1,500,000	Completed (2017)	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Clearwater	Clearwater Gas Complex	\$23,300,000	Currently under Construction	Local and State	1/19/2022	12/19/2018	Sarah Kessler
Dunedin	Lake Earl to Skyeloch Piping.	\$35,000	Complete	State	1/19/2022		
Dunedin	Lake Sperry pipe lining.	\$150,000	Complete	State	1/19/2022		
Dunedin	Elevated five (5) repetitive loss structures	\$307,268	Complete	State	1/19/2022		
Dunedin	Retrofit 2 structures to reduce flood damage potential	\$174,872	Underway	State	1/19/2022		
Dunedin	Rebuild 1 Structure	\$119,746	Complete	State	1/19/2022		
Dunedin	Storm Shutters for Municipal Services Building, 750 Milwaukee Ave.; City Hall, 542 Main St., and the Sheriff's North County Sub-station, 737 Louden Ave.	\$25,000	Municipal Services Building and Sheriff's North County Sub-station Projects completed with HMGP funds in 2007. City Hall Project found to be infeasible and was deleted.	HMGP and Local	1/19/2022		
Eckerd College	Project: Construction of a new Center for Molecular and Life Sciences	\$25,000,000	Completed 2013	Local	1/19/2022	10/4/2016	Lisa Mets
Eckerd College	Project: Hardening envelope (roof, windows) Sheen Science Center (3 buildings)	\$7,500,000	2013/14	Local	1/19/2022	10/4/2016	Lisa Mets
Eckerd College	Nielsen Center for Visual Arts. (Project entailed demolition of vulnerable arts buildings and studios, and construction of new hardened, storm-resistant Center for Visual Arts.	\$17,000,000	Completed in 2018	Local	1/19/2022	12/14/2018	Lisa Mets
Eckerd College	Project: Hardening envelope of McArthur Gymnasium	\$194,000	Completed in 2020	State HLMP	1/19/2022	10/29/2020	Lisa Mets
Gulfport	Retrofit City Hall: Harden skylights in City Hall to withstand hurricane force winds (2401 - 53rd Street South)	\$1,000	Completed 2000/2001	Local	1/19/2022	10/27/2017	Michael Taylor
Gulfport	Thermal Imaging Camera: Purchase Thermal Imaging camera for post-storm search and rescue, and hazard abatement.	\$10,000	Completed 2004	Local	1/19/2022	10/27/2017	Michael Taylor
Gulfport	Retrofit City Hall: Install window protection devices (shutters) at City Hall, Fire Station, and Community Development buildings (2401 - 53rd Street South, 5314 - 23rd Avenue South, and 5330 - 23rd Avenue South, respectively)	\$25,000	Completed 2008	HMGP and Local	1/19/2022	10/27/2017	Michael Taylor
Gulfport	Fire Station Wind Retrofit: Harden Fire Station 17 overhead apparatus bay doors, and exterior doors of Fire Administration Building to withstand 125 mph + winds (5314 - 23rd Avenue South).	\$100,000	Completed 2008	Local	1/19/2022	10/27/2017	Michael Taylor
Gulfport	Thermal Imaging Camera: Purchase Thermal Imaging camera for post-storm search and rescue, and hazard abatement.	\$7,000	Completed 2014	Local	1/19/2022	10/27/2017	Michael Taylor
Gulfport	Hardening of Critical Facilities: 2 lift stations - Install hurricane resistant windows, window protection devices, storm resistant exterior doors, and remove louvers in exterior walls and infill with concrete block.	\$15,000	Completed 2015	Local	1/19/2022	10/27/2017	Michael Taylor
Indian Rocks Beach	Demolished ten (10) pre-FIRM non-conforming structures and replaced them with conforming structures	\$2,432,000	Complete	Private	1/19/2022	10/9/2017	Dean Scharmen
Indian Rocks Beach	27th Ave. and 1st St. drainage project to mitigate local flooding and provide treatment of local storm water runoff.	\$260,000	Complete	Local and State	1/19/2022	10/9/2017	Dean Scharmen
Indian Rocks Beach	Design 11th Ave. through 13th Ave. drainage project to mitigate local flooding.	\$290,000	Complete	Local	1/19/2022	10/9/2017	Dean Scharmen
Indian Rocks Beach	Reclamation of 1.2 acres of wetlands to act as a flood buffer.	\$100,000	Complete	Local	1/19/2022	10/9/2017	Dean Scharmen
Indian Rocks Beach	Dune Walkovers	\$114,000	Complete	Local	1/19/2022	10/9/2017	Dean Scharmen
Indian Rocks Beach	Small Basin Reconstruction	\$375,000	Complete	Local	1/19/2022	10/9/2017	Dean Scharmen

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Indian Rocks Beach	Stormwater Reconstruction	\$160,000	Complete	Local	1/19/2022	10/9/2017	Dean Scharmen
Indian Rocks Beach	20th Avenue Stormwater Improvements	\$231,024	Complete	SWFWMD grant, IRB CIP	1/19/2022	10/9/2017	Dean Scharmen
Indian Rocks Beach	Street Resurfacing	\$420,305	Complete	CIP, SWFMD	1/19/2022	10/9/2017	Dean Scharmen
Indian Rocks Beach	Flood Mitigation Buyout - Provide a grant of up to \$15,000 per structure for the removal of noncompliant repetitive loss properties and pre-FIRM structures that are floodprone or at high risk/exposure to being flooded or experience wave action/erosion. / 1	\$150,000	Complete	FMAP; HMGP; PDM Program, Penny for Pinellas, CDBG, Nonpoint Source Implementation Grants, Residential Construction Mitigation Program	1/19/2022	1/6/2022	Dean Scharmen
Indian Rocks Beach	Gulf Blvd Utility Undergrounding - Phase I. To make aesthetic and safety improvements along Gulf Blvd, including the undergrounding of the Gulf Blvd overhead utilities and equipment. Phase 1 of the project, about \$4 million in cost would start at the southern boundary of the City (Whitehurst) and continue north to State Road 688. /4	\$4,120,180	Complete. Design of Phase 1 is complete and construction has begun.		1/19/2022	1/6/2022	Dean Scharmen
Indian Shores	Storm water management in redevelopment area to control and mitigate flooding. FY97/98	\$60,000	Complete	Local and State	1/19/2022		
Indian Shores	FMAP elevation of existing repetitive loss struture. FY97/98	\$22,500	Complete	Private and State	1/19/2022		
Indian Shores	FMAP acquisition and demolition of repetitive loss structure. FY97/98	\$26,797	Complete	Local and State	1/19/2022		
Indian Shores	Installed new seawall to mitigate flooding. FY97/98	\$16,770	Complete	Local and State	1/19/2022		
Indian Shores	Installed new seawall and replaced seawall cap. FY97/98	\$5,080	Complete	Local	1/19/2022		
Indian Shores	Storm water management at 19305 Gulf Blvd. (Town Hall complex) FY97/98	\$80,000	Complete	Local and State	1/19/2022		
Indian Shores	FMAP elevation of repetitive loss existing structure. FY00/01	\$41,683	Complete	Local and State	1/19/2022		
Indian Shores	Development of Town master drainage plan. FY01/02	\$80,000	Complete	Local and State	1/19/2022		
Indian Shores	Purchase property in redevelopment area for potential site of future retention pond. FY01/02	\$40,000	Complete	Local	1/19/2022		
Indian Shores	Implement Town-wide storm water master plan. FY02/03	\$300,000	Underway	Local and State	1/19/2022		
Indian Shores	Purchase and installation of an auxiliary generator for the Critical Facility, Town Hall, 19305 Gulf Blvd.	\$33,455	Complete	HMGP and Local	1/19/2022		
Kenneth City	In 2015, the Town completed a \$1.2M repair to a tributary of Joe's Creek, whereby a semi-collapsed open ditch was replaced with an underground culvert/CMU box culvert system.	\$600,000	Completed	(\$600K secured through SWFWMD cooperative funding)	1/19/2022		
Kenneth City	Necessary repairs were completed to the Town's underground fuel storage tank, along with the acquisition of an emergency generator to supply back-up power in the event of an emergency in 2015				1/19/2022		
Kenneth City	Retrofit of Critical Facility/Storm shutters on PD and City Hall	\$46,000	Completed	EMPATF;HMGP; PDM Program	1/19/2022		
Kenneth City	Repairs to existing stormwater lines damaged by July Rain event		Underway	Local	1/19/2022		
Kenneth City	Re-sheathing of Public Works Building with wind-loaded exterior	\$400,000	Underway	Local	1/19/2022		
Largo	Initiative: Hardening the new Public Works administration building by adding storm shutters and installing emergency generators. This facility contains the Public Works Emergency Operations Center. Benefit: Averting wind damage would minimize or eliminate post-disaster disruption of municipal services. The Public Works administration structure is valued at \$1.1 million.	\$89,151	Completed		1/19/2022	9/16/2016	Matthew DiFiore

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Largo	Initiative: Hardening the new Environmental Services (sewer) administration building by adding storm shutters and installing emergency generators. This facility contains the Environmental Services Emergency Operations Center. Benefit: Averting wind damage would minimize or eliminate post-disaster disruption of municipal services. The Environmental Services administration structure is valued at \$1.8 million.	\$89,151	Completed		1/19/2022	9/16/2016	Matthew DiFiore
Largo	Initiative: Installing an emergency generator at the new administration building for the Wastewater Treatment Plant. The generator will insure the Plant's ability to provide continuous service during power failures. Benefit: Keeping the WWTP fully operational would help avoid sanitary sewer conveyance system backup that could cause significant damage to private properties in the event of a power failure caused by a natural or man-made disaster event.	\$859,072	Completed	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Initiative: Hardening the Largo City Hall, Police, and Emergency Operations Center buildings by adding storm shutters, removing abandoned air conditioning equipment from the roof, and installing emergency generators. In addition to housing the administrations of more than half of the City's departments, this facility contains the City's centralized telephone, computer, and broadcasting systems. Benefit: Averting wind damage would minimize or eliminate post-disaster disruption of municipal services, including the EOC, police, fire, permitting, and planning operations. The Largo Municipal Complex structures are valued at \$10.9 million.	\$321,285	Completed		1/19/2022	9/16/2016	Matthew DiFiore
Largo	Hardening the new Environmental services (sewer) administration building by adding storm shutters and installing emergency generators. This facility contains the Environmental Services EOC	\$89,151	Project Completed.	HMGP/Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Channel 1 Drainage/Infrastructure Plan	\$1,919,213	Completed 2007	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Suncoast Manor Drainage//Old Valencia Blvd. Plan	\$274,132	Completed 2007	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	McKay Creek Drainage Improvement Plan	\$1,549,460	Completed 2006	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Purchasing and Demolition of Repetitive Loss Properties: 132 Gatewood Drive	\$149,000	Completed 2003	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Purchasing and Demolition of Repetitive Loss Properties: 198 Gatewood Drive	\$190,000	Completed 2003	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Purchasing and Demolition of Repetitive Loss Properties: 71 East Overbrook Drive	\$177,000	Completed 2005	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Purchasing and Demolition of Repetitive Loss Properties: 2463 19th Place SW	\$127,500	Completed 2005	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Rain Gauge Monitoring System Base Unit (32 units at \$1800 per unit)	\$57,600	Completed 1995-2007 (more added as budget permits)	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Base Level Monitoring System for Rain Gauge System, 24 hours a day service (2 units), \$6,000 per unit	\$12,000	Completed 1995-2007 (more added as budget permits)	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	SCADA System for remote monitoring	\$1,350,000	Completed 2004	Local	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Fire Station Bay Doors	\$144,710	Completed	General, (Local Fund)	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Waste Water Reclamation Facility Warehouse	\$3,426,795	Completed	Wastewater (Local Fund)	1/19/2022	9/16/2016	Matthew DiFiore
Largo	IT Data Center	\$3,189,569	Completed	LOST	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Community Center	\$10,918,386	Completed	LOST	1/19/2022	9/16/2016	Matthew DiFiore
Largo	Stormwater Program Update	\$250,000	Completed	Stormwater (Local Fund)	1/19/2022	10/25/2017	Jerald Woloszynski
Madeira Beach	13001 Boca Avenue - Mitigation of SRL Property 13001 Boca Avenue	\$200,000	Completed	HMGP/Local	1/19/2022	11.17.2020	Tamara Harvie
Madeira Beach	Stormwater Master Plan Improvements	\$218,429	Completed	Local	1/19/2022	11.17.2020	Tamara Harvie

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Madeira Beach	Beach Groin Rehabilitation Project – Repair and maintain the City’s existing beach groin system. (This system was installed in the 1950’s. Because of the effectiveness of this system, Madeira Beach has not required other beach renourishment efforts.)	\$275,000	Completed 2013/14	Local	1/19/2022	11.17.2020	Tamara Harvie
Madeira Beach	Storm Drainage and Roadway Improvements Relating to Drainage – Normandy Road	\$1,180,000	Completed 2018	Local /Applied for Matching SWFWMD Cooperative Funding	1/19/2022	11.17.2020	Tamara Harvie
Madeira Beach	Storm Drainage and Roadway Improvements Relating to Drainage – Engineering Study – Boca Ciega Drive	\$80,000	Completed 2017	Local (including a portion by Local Option Sales Tax)	1/19/2022	11.17.2020	Tamara Harvie
Madeira Beach	Municipal Complex Reconstruction (City Hall, Fire Station, Recreation Center and related outside activity areas)	\$8,630,000	Completed - 2015	Localoldsmar	1/19/2022	11.17.2020	Tamara Harvie
Madeira Beach	Stormwater Outfall Cleaning	\$180,000	Completed - 2016	Local	1/19/2022	10/5/2016	Tamara Harvie
Madeira Beach	Boca Ciega roadway and Drainage Improvement Project (Address deteriorating roads, aging drainage infrastructure, store related flooding and pollutant discharge into Boca Ciega Bay)	\$3,927,000	Completed - 2017	City and SWFWMD	1/19/2022	11.17.2020	Michelle Orton
Madeira Beach	140th Ave E & Bayshore Drive North Drainage Improvement (Install a new storm grate, baffle box and a pipe outfall to Boca Ciega Bay)	\$86,800	Completed - 2015	City and SFWMD	1/19/2022	11.17.2020	Michelle Orton
Madeira Beach	American Legion Drive Drainage Improvement (Construct stormwater inlets and pipes to meet the 10 year MB design standards and install a BMP treatment train.)	\$600,000	On-going	City and SFWMD	1/19/2022	11.17.2020	Michelle Orton
Madeira Beach	Rex Place Drainage Improvement (Alleviate flooding problems, treat water prior to discharge)	\$600,000	Complete	City and SWFMD	1/19/2022	11.17.2020	Michelle Orton
Madeira Beach	137th Avenue Circle Drainage Improvements (Upsize existing stormwater inlets and pipes to meet 10 year design standards. Installing pervious pavement, nutrient separating baffle box.)	\$935,000	Complete	City and SWFMD	1/19/2022	11.17.2020	Michelle Orton
Madeira Beach	860 Bay Point (Mitigation of RL Property-Construction Plan s submitted for review and permitting)	\$210,000	Complete	HMGP & Private	1/19/2022	11.16.2020	Tamara Harvie
Madeira Beach	914 Bay Point (Mitigation of RL Property- Property sold, new owners reside out of state, yet to complete paperwork for the FEMA grant)	\$211,000	Complete	HMGP & Private	1/19/2022	11.16.2020	Tamara Harvie
Madeira Beach	13101 4th Street (Mitigation of SRL property - Demolition in progress construction plans being prepared)	\$210,000	Complete	HMGP & Private	1/19/2022	11.16.2020	Tamara Harvie
Madeira Beach	882 Bay Point Mitigation of SRL property – Design and construction plans in progress)	\$226,000	No change	HMGP & Private	1/19/2022	11.16.2020	Michelle Orton
Madeira Beach	905 Bay Point Drive (Mitigation of SRL property – Ground floor under construction)	\$200,000	Complete	HMGP & Private	1/19/2022	11.16.2020	Tamara Harvie
Madeira Beach / Administration	Emergency Operations Generator - Emergency Operations Generator at City Hall to allow operations during state of emergency, power outages or other events of power loss.	\$180,000 Structure. \$95,000 Generator	Under construction. Completion date estimated 11.16.2020	FEMA Grant - General Fund	1/19/2022		Tamara Harvie
Madeira Beach	Emergency Operations Generator - Emergency Operations Generator to allow operations during state of emergency, power outages or other events of power loss. (Fire)	\$95,000	Funding Approved; Contract Executed	The funding will be a combination of HGMP grant and local funds.	1/19/2022	11/30/2021	Susan Portal

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Madeira Beach / Community Development	Drainage Basin E- As depicted in the Stormwater Master Plan - Stormwater system upgrades to address flooding and tide control devices	\$3,500,000	Completed 2016	EMPATF; HMGP; PDM Program	1/19/2022		Tamara Harvie
Madeira Beach	Portions of Drainage Basin D - D8-D19 in the Stormwater Master Plan	\$12,068	Stormwater fund Proj started 3/2020 schedule complete 3/2021	EMPATF; HMGP; PDM Program	1/19/2022		Tamara Harvie
Madeira Beach/Public Works	Crystal Island Roadway & Drainage Improvement	\$12,000,000	Completed June, 2021	HMGP	1/19/2022	11/30/2021	Susan Portal
Madeira Beach / Community Development	Drainage Basin A5-A6 As depicted in the Stormwater Master Plan - Stormwater system upgrades to address flooding and tide control devices	\$2,142,000	Completed in 2018	EMPATF; HMGP; PDM Program	1/19/2022	1/12/2022	Susan Portal
Madeira Beach / Community Development	Drainage Basin D – As depicted in the Stormwater Master Plan - Stormwater system upgrades to address flooding and tide control devices	\$4,360,000	Completed	EMPATF; HMGP; PDM Program	1/19/2022	1/12/2022	Susan Portal
North Redington Beach	SEWER - North Redington Beach provides sewer service for Redington Shores and NRB. Raise main lift station electrical and controls above flood plain (\$75,000). Raise emergency generator and fuel tank above flood plain (\$50,000).	Unknown	Completed, November 2008	Local/County	1/19/2022		
North Redington Beach	Stormwater Management #1 - Install storm water sewer valve to prevent storm water/tidal backup into the streets. Estimated completion time: less than 12 months. / 1	\$25,000	Completed	FMAP/HMGP/Local	1/19/2022	9/10/2019	Michelle Orton
North Redington Beach	Underground utilities throughout the side streets of NRB. This includes all streets except Gulf Boulevard.	\$2,000,000	Completed	Local	1/19/2022		
Oldsmar	Hurricane Wind Hardening Retrofit of Municipal Services Facility.	\$103,723	Complete	HMGP/Local	1/19/2022	10/31/2016	Steve Everitt
Oldsmar	Hurricane Wind Hardening Retrofit of City Hall windows.	\$145,214	Complete	Local	1/19/2022	12/14/2017	Steve Everitt
Oldsmar / Public Works; Storm Water	Mitigation/ Response/ Recovery Equipment - Purchase vacuum excavation system for the maintenance and recovery of all storm water inlets and structures. Estimated completion time: less than 12 months. / 1	\$50,000	Complete	HMGP/Local/State	1/19/2022	1/24/2019	Steven Everitt
Oldsmar / Public Works; Engineering	Storm Water Management Plan - Prepare a citywide drainage plan to minimize flooding throughout the City. Estimated completion time: more than 12 months. / 1	\$100,000	Complete	FMAP; HMGP; PDM Program	1/19/2022	12/11/2019	Tatiana Childress
Oldsmar / Public Works; Facilities	Critical Facility Generator Retrofit - Replace electrical generating equipment at Water Reclamation Facility. Estimated completion time: less than 12 months. / 4	\$1,200,000	Complete	State Revolving Funds, CDBGs; FMAP; HMGP; HMGP Planning	1/19/2022	12/11/2019	Tatiana Childress
Oldsmar/Fire Rescue	Radio Communications System-UHF frequency radio system consisting of two repeaters and ten handheld radios to serve as back up communications during storm events. The system will allow for EOC to field communications during emergency events should cellular and broadband communication fail.	\$25,000	Completed	Local	1/19/2022	10/21/2021	Jason Schwabe

Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Pinellas County	Sediment/erosion control, sediment removal, and/or stream bank/ channel stabilization for flood control purposes		Ongoing and completed	State and Local	1/19/2022	10/26/2017	David Talhouk
Pinellas County	1) Bee Branch	\$6,570,900	Phase 2 complete, phase 1 in progress	Penny for Pinellas; SWFWMD; Grant	1/19/2022	10/26/2017	David Talhouk
Pinellas County	2) Bear Creek Channel Improvements	\$8,301,120	FY2014 Complete	Penny for Pinellas; SWFWMD	1/19/2022	10/26/2017	David Talhouk (corrected funding)
Pinellas County	3) Curlew Creek Channel A Improvements	\$7,115,800	Completed	Penny for Pinellas; SWFWMD	1/19/2022	10/26/2017	David Talhouk
Pinellas County	Animal Services Building Storm Hardening	\$256,670	Completed	HM Allocation/Local	1/19/2022	10/26/2016	
Pinellas County	Belleair Elementary School Storm Retrofit; new classroom will gain 783 shelter spaces	\$44,100	Completed	Local	1/19/2022	10/26/2016	
Pinellas County	Emergency Communications upgrade of radio system to SmartZone technology.	\$17,500,000	Complete	CIP/grants	1/19/2022	10/26/2016	
Pinellas County	EMS hardening of Sunstar Communications Center north wall and south alleyway enclosed.	\$310,000	Complete	General Fund	1/19/2022	10/26/2016	
Pinellas County	EMS A/C replacement for the radio and server room.	\$300,000	Complete	General Fund	1/19/2022	10/26/2016	
Pinellas County	EMS Sunstar Communications Center and radio room roof replacement.	\$150,000	Complete	General Fund	1/19/2022	10/26/2016	
Pinellas County	EMS Building Storm Hardening	\$272,294	Completed	HM Allocation/Local	1/19/2022	10/26/2016	
Pinellas County	High Point Elementary School Retrofit	\$6,002	Project Completed	Local	1/19/2022	10/26/2016	
Pinellas County	Medical Examiner/Forensics Building Storm Hardening	\$347,607	Completed	HM Allocation/Local	1/19/2022	10/26/2016	
Pinellas County	New Heights Elementary School Door Replacements in Building 2	\$33,927	Project Completed	Local	1/19/2022	10/26/2016	
Pinellas County	Public Works Storm Hardening - Generator Bldg., Traffic Bldg, Survey Bldg.	\$49,422	Completed	HM Allocation/Local	1/19/2022	10/26/2016	
Pinellas County	Ross Norton Community Center - Generator	\$70,322	Project Completed	Local	1/19/2022	10/26/2016	
Pinellas County	Skycrest Elementary School Storm Retrofit; new classroom will gain 783 shelter spaces	\$44,100	Completed	Local	1/19/2022	10/26/2016	
Pinellas County	Supervisor of Elections Building Storm Hardening (Starkey Rd)	\$98,271	Completed	HM Allocation/Local	1/19/2022	10/26/2016	
Pinellas County	Post-Disaster Redevelopment Plan, including Health/Human Services Component	\$120,000	Project completed; to be reviewed by BCC	CPI/Local	1/19/2022	10/26/2016	
Pinellas County	Post-Disaster Redevelopment Plan - Health/Human Services Component	\$40,000	Project completed; to be reviewed by BCC	HMGP/Local	1/19/2022	10/26/2016	
Pinellas County	Comprehensive Land Development Regulations Update - includes updating floodplain management regulations		Project in progress		1/19/2022	10/26/2016	
Pinellas County	Homeless Emergency Project was awarded for 4 single-family home roof replacements	\$38,000.00	Roof replaced with current building code standards.	CDBG	1/19/2022	10/26/2016	
Pinellas County	Religious Community Services, Inc. (RCS) was awarded for roof replacement at the Food Bank.	\$40,000.00	Roof replaced with current building code standards.	CDBG	1/19/2022	10/26/2016	
Pinellas County	Pinellas County Community Development Low Interest Loan	\$1.4M	81 Single family homes received a Low Interest Loan from Pinellas County for hurricane mitigation.	CDBG; State Housing Initiatives Partners (SHIP); Housing Trust Fund (HFT)	1/19/2022	10/26/2016	
Pinellas County	Neighborhood Stabilization Program NSP	\$20,400 (est.)	10 homes remodeled, 2 with impact windows, 4 with metal storm panels	NSP 1	1/19/2022	10/26/2016	
Pinellas County	Neighborhood Stabilization Program NSP2	\$43,300 (est.)	13 homes remodeled, 4 with impact windows, 9 with metal storm panels	NSP2	1/19/2022	10/26/2016	
Pinellas County	Neighborhood-based education and outreach on County issues of concern (i.e. hurricane preparedness, mosquito prevention, surface water quality, etc.).		Ongoing project in progress	CDBG	1/19/2022	10/26/2016	

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Pinellas County	The Glades Drainage Assessment	\$1,089,200	Completed	Penny for Pinellas/ Local	1/19/2022	10/26/2016	
Pinellas County	Cross Bayou Watershed Plan (132A)	\$514,600	Completed FY2013	Penny for Pinellas	1/19/2022	10/26/2017	Reviewed by: David Talhouk
Pinellas County	Keystone Road Reconstruction	\$16,805,900	Completed FY2013	Penny for Pinellas	1/19/2022	10/26/2016	
Pinellas County	Bryan Dairy Road - Starkey to 72nd St.	\$9,275,400	Completed FY2013	Penny for Pinellas; Grants	1/19/2022	10/26/2016	
Pinellas County	Cross Bayou Watershed Plan	\$252,310	Completed FY2013	Penny for Pinellas; SWFWMD; Grant	1/19/2022	10/26/2016	
Pinellas County	Starkey Basin Watershed Mgt. Plan	\$607,200	Completed FY2013	Penny for Pinellas; SWFMD; Gov't Reimbursement	1/19/2022	10/26/2016	
Pinellas County	Public Safety Facilities & Centralized Communications Center	\$72,981,800	Completed	Penny for Pinellas	1/19/2022	10/26/2016	
Pinellas County	Sea Level Rise: Implemented mulit-departmental County Climate Team; joined efforts with TBRPC; contracted with UF/Sea Grant Program to initiate sea level rise conversations with municipalities	\$15,000	Ongoing	General Fund	1/19/2022	10/26/2016	
Pinellas County	Lealman Area Drainage Improvements (1628)	\$881,930	FY2012 to FY2014 Completed	Penny for Pinellas	1/19/2022	10/26/2016	
Pinellas County	Lealman Central Area Drainage Improvements (2027) Preliminary engineering for master drainage plan.	\$150,000	Completed	CDBG	1/19/2022	10/26/2016	
Pinellas County	Government Facilities Remodel & Renovation (1633)	12,275,500	Completed	Penny for Pinellas	1/19/2022	10/26/2016	
Pinellas County	Community Buildings Emergency Shelter Project (1843)	6,950,000	Completed	Penny for Pinellas	1/19/2022	10/26/2016	
Pinellas County	Allens Creek Watershed Management Plan	\$575,000	Complete	Surface Water Assesement Fee	1/19/2022	10/27/2016	Added by Rahim Harji
Pinellas County	McKay Creek Watershed Management Plan	\$730,000	Complete	Surface Water Assessment Fee	1/19/2022	10/27/2016	Added by Rahim Harji
Pinellas County	Joe's Creek Watershed Management Plan (WMP)	\$500,000	Complete	Surface Water Utility Fund and SWFWMD CFI Grant	1/19/2022	10/1/2019	Rhonda Bowman
Pinellas County	118th Avenue Expressway (1618). Built east-west evacuation route parallel to Ulmerton Rd.	\$55,750,000	Complete	Penny for Pinellas	1/19/2022	11/8/2017	Added by Gina Harvey
Pinellas County	Antilles/Oakhurst Drainage Improvements (1820). Improvements to alleviate street flooding.	\$3,160,000	Complete	Penny for Pinellas	1/19/2022	10/27/2017	Added by David Talhouk
Pinellas County Public Works	Mast Arm Hardening: Installation and/or upgrade of Mast Arms at 16 locations throughout the county located on hurricane evacuation routes.This will help improve the safe, efficient flow of traffic countywide in the event of an emergency event or hurricane. During Hurricane Irma in September 2017, traffic signals hung by span wire fell or became damaged from storm force winds. The fall of span wire could result in traffic signals becoming inoperable, potentially blocking access on the roadway and creating what could be a dangerous situation; even more so when located on an evacuation route that is used by hundreds of thousands of citizens seeking safety. Mast Arm signals in place of span wire at these evacuation route locations will ensure that these evacuation routes remain open and emergency personnel have access to the main roadways post-storm.	\$6,000,000	In Design	HMGP	1/19/2022		
PC Public Works	Pinellas Trail - 54th Ave Drainage	\$3,297,000	FY21 Complete	Penny for Pinellas, SWFWMD CFI Grant	1/19/2022	12/30/2021	Anita Wang

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
PC Public Works	McKay Creek Water Quality Improvement Project	\$1,097,000	FY21 Complete	Penny for Pinellas, SWFWMD CFI Grant, FDOT Grant	1/19/2022	12/30/2021	Anita Wang
PC Public Works	22nd Avenue S Drainage Improvements from 51st Street to 55th Street (002508A): Drainage system modification to eliminate street flooding on 22nd Avenue South between 51st Street and 55th Street South. / 1	\$1,750,000	Construction Completed FY18-FY19	Penny for Pinellas	1/19/2022		Rhonda Bowman
PC Public Works	Highland Avenue Pipe Replacement from Jeffords Street to Pine Street (002308A): Pipe replacement to address flooding / 1	\$2,273,500	Construction Completed FY19-FY20	Penny for Pinellas	1/19/2022		Rhonda Bowman
PC Public Works	Bee Branch Drainage Improvements Phase I (002121A): Bank stabilization, erosion control, and drainage structure replacement. / 3	\$1,135,600	Construction Completed	Penny for Pinellas; SWFWMD CFI Grant	1/19/2022		Rhonda Bowman
PC Public Works	Georgia Avenue Drainage from Seaford Avenue to Disston Street (002116A): Drainage improvement to alleviate street, yard, and structural flooding. / 1	\$833,000	Construction Completed FY19-FY20	Penny for Pinellas	1/19/2022		Rhonda Bowman
PC Public Works	Pinellas County Stormwater Facilities (Countywide) - Stormwater Infrastructure Program (000207A): Annually funded program to rehabilitate stormwater infrastructure to address flooding. / 1, 3	\$2,492,000	Program ends FY19. New program begins FY20	Penny for Pinellas	1/19/2022		Rhonda Bowman
PC Public Works	Drainage Pond Compliance Program (1629) - Drainage Pond Compliance Program (000969A) Annually funded program to improve existing stormwater management facilities. / 1, 3	\$299,500	Program ends FY19.	Penny for Pinellas, Possible SWFWMD CFI Grant	1/19/2022		Rhonda Bowman
PC Public Works	Curlew Creek and Smith Bayou Watershed Mangement Plan	\$ 850,000	Complete	Surface Water Utility Fund, SWFWMD	1/19/2022	11/30/2020	Rhonda Bowman
PC Public Works	Lakeshore Estates Phase I	\$ 3,038,000	Complete	Penny for Pinellas	1/19/2022	11/30/2020	Rhonda Bowman
Pinellas Park	Basin 4A Drainage Improvement - Culvert replacements and ditch regrading within the Channel 4A area from 58th Street to a point upstream of the 53rd Street Culvert. This would be done after the Pinellas Poark Water Management District upgrades Channel 41 from 58th Street to a proposed pond south of 62nd Avenue.	\$487,250	Completed in 2004	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Park Blvd Drainage Improvement Phase I, Basin B - Improve drainage along Park Boulevard corridor between US 19 and 66th Street. Improve each drainage network in the area as recommended by the 1998 Park Boulevard Master Drainage Plan. Basin B is located between the CSX Railroad line and 49th Street.	\$5,364,000	Completed in 2006	Local, State, and Federal	1/19/2022	10/24/2017	Emergency Management / Community Planning

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Pinellas Park	Park Blvd Drainage Improvement Phase II, Basin A - Improve drainage along Park Boulevard corridor between US 19 and 66th Street. Improve each drainage network in the area as recommended by the 1998 Park Boulevard Master Drainage Plan. Basin A is located between 65th Way to the CSX Railroad line.	\$10,000,000	Completed in 2008	Local, State, and Federal	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Park Blvd Drainage Improvement Phase III, Basin C - Improve drainage along Park Boulevard corridor between US 19 and 66th Street. Improve each drainage network in the area as recommended by the 1998 Park Boulevard Master Drainage Plan. Basin C is located between US 19 and east of 49th Street.	\$14,530,000	The drainage project was completed in FY10/11	Local, County, State, and Federal	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Helen Howarth Park Drainage Basin Evaluation - Provide survey, conceptual-level modeling, data collection, and preparation of report to recommend possible improvements in drainage basin.	\$32,500	Study completed in 2005	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Homeland Drainage Improvement District Drainage Study - Determine improvement area through completion of a drainage study, including surveying, modeling and lalternative evaluation.	\$55,000	Study completed in 2005	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Stormwater Rehabilitation Program - Install and line galvanized culvert pipe through the City.	\$500,000	This is an annual ongoing project.	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	NFIP Map Update - This project involved an outreach to property owners of potential changes and included use of websites, a TV show, public service announcements through the Government Affairs Department, and displays at the Library, City Hall, and at Park Station. The NFIP anticipates the maps becoming effective in September 2009.		Completed. The maps became effective August 18, 2009.	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Home Disaster Mitigation Handbook - This document is currently being produced. It is an easy to read and understand booklet that explains the basic means to protect homes and can help homeowner's mitigate from those storms events common to central Florida. This document will be produced in a CD-ROM format for other communities to replicate.	\$50,000	Completed	State	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Purchase of Land for Drainage Retention. The City has entered into a contract to purchase property near Park Blvd and 40th St. N. The property will be used for storm water retention at Park Blvd and 43rd St. N.	\$796,000	Completed	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	94th Avenue N. widening: This is a roadway project with a drainage component. A collector road is to be widened to a two lane divided facility between 58th St. N. and 49th St. N. It has been designed to address local drainage issues and those of the surrounding neighborhoods. Completion is anticipated in FY 03/04.	\$2,200,000	Completed	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	60th St. N. ditch mitigation project is to install a major box culvert system along 60th St. N. between 70th Avenue N. and the Pinellas Park Water Management District Channel 4. This project will promote a greater flow of storm water from the secondary drainage system into the primary drainage facility and reduce localized street and structure flooding and eliminate a dangerous open ditch situation that currently exists.	\$1,067,000	Completed	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Pinellas Park	Park Blvd/66th St. N. intersection improvement. Florida Department of Transportation has recently completed this project which included a drainage component to address flooding up to a 25 year storm event.	\$1,600,000	Completed	State and Federal	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Homeland Drainage Improvement District Drainage Study - Determine improvement area through completion of a drainage study, including surveying, modeling and alternative evaluation.	\$3,750,000	Completed 2012	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Annual Sanitary Sewer Rehabilitation & Relining - This program is an ongoing program that reduces the seepage of sewerage into the soils and water table as well as prohibit the infiltration of stormwater into the lines. This latter activity reduces the likilyhood of line surcharge, line failure, and capacity at the treatment plant.	\$550,000 annually	Annual Project Ongoing	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Longhill Drive Drainage Improvements - Project included the culverting of 1,200 LF of open ditch to eliminate erosion and discharge into yards and structures. Project decreased flooding but also included water quality imiprovments prior to discharge into Cross Bayou Canal.	\$1,176,680	Completed FY13-14	Local and SWFWMD Grant	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Emergency Generator Installation LS 27 to maintain service	\$70,000	Completed FY13-14	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Emergency Generator Installation LS1 to maintain service	\$115,000	Completed FY13-14	Local	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	(Phase 1) Garnett & North Disston Subdivisions - 40 acre +/- tract situated between 82nd Avenue 86th Avenue & 46th Street, 49th Street-Install a stormwater collection and conveyance system in a subdivision originally developed in the 1960's and '70's. This would eliminate issues of localized flooding and dangerous stormwater inlets.	\$4,700,000	Phase 1 completed 2017. Phase 2- FY 2021-22	SWFWMD Grant, FDOT Grant, FDEP Grant, TIF, Pinellas Park Water & Sewer Fund, IST.	1/19/2022	11/28/2018	Boisvert / Petersen
Pinellas Park	Design and construct drainage features and sidewalks on 90th Ave to provide better drainage to Jan Cory Subdivision	\$170,069	Completed 2017	IST, Utility Fee	1/19/2022	10/24/2017	Emergency Management / Community Planning
Pinellas Park	98th Avenue Pond Improvements Improvement of wet pond to increase drainage capability for several single family subdivisions and a 60 acre park	\$95,000	Completed FY 2016-2017.	FDEP Grant and Pinellas Park Utility fees	1/19/2022	11/27/2018	Boisvert / Petersen
Pinellas Park	Technical Services Pond Improvements Restoration of a 9,095 s.f. dry pond, to improve environmental conditions (pond now wet) and increase drainage capability of an area serving mobile home parks and industrial uses	\$30,445	Completed FY 2016-2017	FDEP Grant and Pinellas Park Utility fees	1/19/2022	11/27/2018	Boisvert / Petersen
Pinellas Park	64th Way and 70th Avenue Pond Improvements include maintenance on a dry pond to bring it back to its original site plan specifications; replacing a failed underdrain system.	\$54,200	In progress. Completion FY 2018-2019.	Stormwater Fees	1/19/2022	11/27/2018	Boisvert / Petersen
Pinellas Park	Pinebook Estates Unit 4 and Unit 5 Pond Improvements include dredging and maintenance on a wet pond to bring it back to the original site plan specifications.	\$620,000	In progress. Completion FY 2018-2019.	City general fund and FDEP grant (received)	1/19/2022	11/27/2018	Boisvert / Petersen

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Pinellas Park	England Brothers Park Drainage and Water Quality Improvements to increase drainage capability and water quality for a 42.5 acre drainage area that flows through Channel One into Cross Bayou.	\$768,125	Completed FY 2017-2018	SWFWMD Grant and Pinellas Park Utility Fees	1/19/2022	11/27/2018	Boisvert / Petersen
Pinellas Park	Generator for Public Works Operations Center (PWOC). This building is hardened for a Category 3 storm and is the central location for all storm and stormwater equipment and personnel that are activated before, during and after the storm. The generator is necessary to ensure protection from flooding by providing continuity of operations.	\$225,000	Completed FY 2017-2018	Local funding, HMGP.	1/19/2022	11/27/2018	Boisvert / Petersen
Pinellas Park	Replace Generator at Technical Services Building - Emergency Generator Installation to Maintain Service / 4	\$225,000	Completed FY 18/19	Local coffers	1/19/2022	1/10/2018	Suzanne Boisvert
Pinellas Park	Boardwalk and Restoration of Wetlands - Performing Arts Center/England Brothers Park - Design for boardwalk and restoration of wetlands to improve drainage and natural functions of floodplain and create public passive recreation area adjacent to Performing Arts Center and England Brothers Park. Design work / 1	\$100,000	Completed FY 18/19	CRA/TIF/City	1/19/2022	1/10/2018	Suzanne Boisvert
Pinellas Park / City of Pinellas Park Public Works Department	Pond Improvements: 58th Street & 78th Avenue Perform maintenance on a dry pond and bring it back to the original site plan specifications and replace a failed underdrain system.	\$48,825	Completed March 6, 2020	Infrastructure Sales Tax	1/19/2022	9/29/2020	Aaron Petersen
Pinellas Park / City of Pinellas Park Public Works Department	Pond Improvements: 64th Way & 102nd Avenue Perform maintenance on a wet pond and bring it back to the original site plan specifications and dredge.	\$134,075	Completed January 3, 2020	Infrastructure Sales Tax	1/19/2022	9/29/2020	Aaron Petersen
Pinellas Park / City of Pinellas Park Public Works Department	Pond Improvements: 46th Street & 76th Avenue. Perform maintenance on a wet pond and bring it back to the original site plan specifications and dredge.	\$100,000	Project completed.	Infrastructure Sales Tax	1/19/2022	11/23/2021	Suzanne Boisvert
Pinellas Park / City of Pinellas Park Public Works Department	Fire Station 35 Fuel Tank Replacement - Convault Tank Installation for Emergency Generator to Maintain Service / 4	\$35,000	Project Completed September 2021	Infrastructure Sales Tax	1/19/2022	11/23/2021	Suzanne Boisvert
Redington Beach	Improvement of storm drainage to have the remainder of the Town's storm sewer system upgraded and add on to serve growth in the community.	\$5,000,000	Completed 2009	SWFWMD/Local	1/19/2022	8/19/2016	Adriana Nieves
Redington Beach	Flood mitigation of town streets and roads, milling & resurfacing	\$2,000,000	Completed in 2012	Local	1/19/2022	8/19/2016	Adriana Nieves
Redington Beach	Replace intracoastal causeway north side seawall	\$175,000	Completed in 2015	Local	1/19/2022	8/19/2016	Adriana Nieves
Redington Shores	Elevated Town Hall / EOC Building. Constructed on fill to elevation 12.0 NGVD. Zone AE.	\$600,000	Complete 2001	Local	1/19/2022	8/30/2016	Steve Andrews
Redington Shores	Storm water retrofit project for areas east of Gulf Blvd. Water quality improvement by filtering street rainfall run-off.	\$3,100,000	Complete 2010	Local and State	1/19/2022	8/30/2016	Steve Andrews
Redington Shores	TV / Media Upgrades :CATV broadcasting equipment emergency replacement for public education & awareness to provide up to date info re:Evacuation & shelters, flood mitigation programs & projects prior to emergencies.	\$35,000	Complete 2013	Local	1/19/2022	8/30/2016	Steve Andrews

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Redington Shores	Kayak Ramp : ShorelineProtection to provide erosion control of park open shore due to 4 foot change in grade within 30 feet of top of bank ACOE and FDEP approved 5 foot wide concrete ramp and planting of Red Mangroves in unstabilized areas.	\$8,500	Complete 2013	Local	1/19/2022	8/30/2016	Steve Andrews
Redington Shores	T.S. Debby : Emergency response to Town Infrastructure due to wind, erosion, and flooding Re; Debris Removal, Sewer, Street, Parks and Roof Repairs.	\$12,625	Complete 2013	Local and State	1/19/2022	8/30/2016	Steve Andrews
Redington Shores	Town Hall / EOC Impact Shutters revised to impact windows	\$15,000	Complete	Local	1/19/2022	12/17/2018	Steve Andrews
Redington Shores	LED Warning Sign - The goal of the LED sign is to notify visitors and residents of important messages before, during and after storm. This includes evacuation orders, warnings, hazards, etc.	\$40,000	Complete	Local/Federal	1/19/2022	5/8/2018	Steve Andrews
Redington Shores / Emergency Management	Impact Windows for Town Hall EOC (Critical Facility) - Town Hall /EOC updates to existing for expedited response to emergency by reducing labor commitment and with revised Wind & Impact loads per current codes, located at 17425 Gulf Blvd. Estimated completion time: less than 12 months.	\$15,000	Complete	Local	1/19/2022	5/8/2018	Steve Andrews
Redington Shores / Public Works	Stormwater Backflow Valve - Minimize flooding in the town's lowest lying areas. These areas flood during major rain events and high tide	\$24,000	Complete	Local	1/19/2022	10/29/2020	Cheri Zindars
Redington Shores / Emergency Management	TV - Media Upgrades - CATV broadcasting equipment emergency replacement for public education & awareness to provide up to date info re: evacuation & shelters, flood mitigation programs & projects prior to emergencies.	\$35,000	Complete	Local	1/19/2022	10/29/2020	Cheri Zindars
Redington Shores / Public Works	Rebuild stormwater drainage system in the last three (3) phases. Two phases were completed early 2006.	\$3,100,000	Complete	SWFWMD Grant & Town CIP	1/19/2022	10/29/2020	Steve Andrews
Safety Harbor	Public Works dewatering pump replacement	\$18,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Harden Safety Harbor EOC – Impact resistant windows and doors.	\$15,000	Complete	Federal, State, Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Harden Fire Station #52 – Impact resistant windows, doors, garage doors.	\$110,000	Complete	Federal, State, Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Harden Fire Station #53 and upgrade EOC	\$250,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	East Gate Drainage Improvements	\$1,442,811	Complete	Local and State	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	South Green Springs - Improvements to minimize street flooding.	\$1,500,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	11th Ave. S. Brick Street & Drainage Improvements	\$701,339	Complete	Local and State	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Street and Yard Flooding - 2nd Ave. N.	\$1,300,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Rigsby Center/Hurricane Shutters Installed	\$1,438	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Parks & Bldg. Maintenance/Hurricane Shuitters and Wind rated Bay/Garage doors installed.	\$4,021	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Street Flooding Improvements - Bailey Street	\$430,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Bishop Creek Erosion and Storm Water Control, Harbor Woods	\$906,857	Complete	Local and State	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #53, Replace Ladder Truck and special Equipment	\$510,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Safety Harbor	Bishop Creek Erosion and Storm Water Control, Rainbow Farms Ph 1.	\$1,300,000	Complete	Local and State	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Library/Hurricane Shutters for existing building	\$7,058	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Daisy Douglas Park/Wind rated garage doors installed.	\$1,464	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #53/hurricane shutters installed	\$1,398	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Public Works Office Facility/Hurricane shutters installed	\$1,538	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	North City Park/Wind rated garage doors installed	\$1,392	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Master Lift Station: new generator and pumps	\$70,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #52: New generator	\$75,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #53: New generator	\$60,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #53: Building to house new generator	\$50,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Public Works replacement of a generator	\$40,000	Complete	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	South Bayshore Drainage/Water Quality Improvements	\$2,289,313	Completed	Federal, State, Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Cypress Trace Lift Station	\$60,000	Completed	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Briar Creek Lift Station	\$70,000	Completed	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Amber Glades Lift Station Repair	\$90,000	Completed	Local	1/19/2022	10/21/2016	Michael Schoderbock
Safety Harbor	Highlands Lift Station	\$60,000	Completed	Local	1/19/2022	12/18/2018	Brandon Henry
Safety Harbor	South Bayshore Lift Station and Generator	\$125,000	Completed	Local	1/19/2022	12/18/2018	Brandon Henry
Safety Harbor	North Bayshore Lift Station	\$60,000	Completed	Local	1/19/2022	11/30/2020	Brandon Henry
Safety Harbor	Cypress Hollow Lift Station Repair	\$60,000	Completed	Local	1/19/2022	11/30/2020	Brandon Henry
Safety Harbor	Baytown West Lift Station	\$60,000	Completed	Local	1/19/2022	11/30/2021	Bill Blair
Safety Harbor	Coventry E. Cul de Sac	\$65,000	Completed	Local	1/19/2022	11/30/2021	Bill Blair
Seminole	Construct emergency operations center and public works garage. Estimated completion time: more than 12 months.	\$6,500,000	Complete 2013	Local	1/19/2022		
South Pasadena	Storm shutters on public works building	\$16,500	Complete	HMGP	1/19/2022		
South Pasadena	Generator switch at joint EOC	\$15,000	Complete	Local	1/19/2022		

Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
South Pasadena	Hardened fire station and construct addition	\$43,000	Complete	HMGP \$5,000/ Local \$38,000	1/19/2022		
South Pasadena	Purchased 80KW generator for public works building	\$39,000	Complete	Local	1/19/2022		
South Pasadena	City Hall Window Protection - Install protective window film on all windows in City Hall. Estimated completion time: less than 12 months. / 2	\$50,000	Complete	Local	1/19/2022		David Mixson
South Pasadena	Finish Mast Arms on Evac Route - Install mast arms at 3 remaining locations on Pasadena Avenue. Estimated completion time: less than 12 months. / 2	\$1,500,000	Complete	Local	1/19/2022		David Mixson
South Pasadena	Installed two (2) UV lights in supply duct for Fire Station 20 HVAC System	\$1,500	Complete	CARES	1/19/2022		David Mixson
South Pasadena	Installed three (3) portable Smart Air Purifier units in Fire Sation 20	\$1,725	Complete	CARES	1/19/2022		David Mixson
South Pasadena	Installed three (3) portable Smart Air Purifier units in City Hall	\$1,725	Complete	CARES	1/19/2022		David Mixson
South Pasadena	Installed two (2) portable Smart Air Purifier units in Public Works Annex	\$1,150	Complete	CARES	1/19/2022		David Mixson
South Pasadena	Installed two (2) portable Smart Air Purifier units in Community Improvement Annex	\$1,150	Complete	CARES	1/19/2022		David Mixson
St. Petersburg	Mitigated 3 waterfront properties on Bayou Grande Blvd. NE to prevent damage from flooding.	\$289,237	Complete	Federal and Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	1st St. N. storm water project	\$5,788,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Highland St. storm water project.	\$844,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Nebraska Ave. NE storm water project.	\$200,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	3rd St. Bayboro storm water project.	\$3,668,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	4th St. S. Bayboro storm water project.	\$2,369,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Floral Lake storm water project	\$308,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Mirror Lake alum injection system.	\$553,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Booker Creek Maintenance at Tropicana Dome.	\$203,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	8th St. drain storm water project.	\$2,558,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	67th St. drain storm water project.	\$681,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Lake Winston storm water project.	\$2,261,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	31st St. S storm water project.	\$576,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Tinney Creek rehab. project.	\$194,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Ponds Ditch rehab. project.	\$30,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Clam Bayou retrofit project	\$286,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Ditch piping project - 4 locations throughout the city.	\$3,578,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Bayou Grande Blvd. NE project.	\$398,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Roser Park Creek project.	\$1,000,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	King St. N. drainage improvements	\$2,966,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Oak St. NE drainage improvements	\$344,000	Complete	Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Riviera Bay & Snell Isle Stormwater Vaults	\$1,400,000	Complete	Penney for Pinellas/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	MLK Street N. Part 2 Storm Drainage Improvements	\$5,958,000	Complete	SWFWMD/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Golf Creek, 13th A/N & Vicinity Stormwater Improvements	\$1,600,000	Complete	SWFWMD/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Jungle Lake Outfall Storm Drainage Improvements	\$2,980,000	Complete	SWFWMD/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Jungle Lake Northeast Basin Storm drainage Improvements	\$3,557,000	Complete	SWFWMD/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	94th Ave. at Tinney Creek Storm Drainage Improvements	\$1,500.00	Complete	Penney for Pinellas/SWFWMD/Local	1/19/2022	9/26/2017	Noah Taylor

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
St. Petersburg	Fire Station Window and Door Storm Protection. This project will retrofit nine fire stations to protect against storm impacts by providing window protection and replacing vulnerable overhead doors. Downtown Master Fire Station, 455 8th St. S.; Palmetto Park Station #3, 3101 5th Ave. S.; North Shore Station #4, 2501 4th St. N.; Fossil Park Station #7, 975 9th St. N.; Lake Maggiore Station #8, 4701 Martin Luther King St. S.; Lake Pasadena Station #9, 475 66th St. N.; Ponce de Leon Station #10, 2800 30th Ave. N.; Lakewood Station #11, 5050 31st St. S.; Gateway Station #13, 11600 Roosevelt Blvd.	\$250,000	All projects completed using local funds except for Ponce de Leon Station #10. the work on that station is currently underway and is being funded by HMGP and a local share match.	HMGP/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Backflow Prevention Stormwater Vaults. Project design, permitting and construction of flood protection vaults for City repetitive loss neighborhood. 47 vaults are planned for installation.	\$2,855,000	Complete	PDM Program	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	Flood and Wind Retrofit of Municipal Buildings	\$310,000	Complete	Federal and Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	EOC. Design construct and equip a municipal Emergency Operations Center Facility	\$3,500,000	Complete	Penny for Pinellas/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	94th Ave. at Tinney Creek Storm Drainage Improvements. Project will construct large conveyance piping to reduce street and property flooding.	\$1,500,000	Complete	Penny for Pinellas/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	4th St & 14th Ave N to Crescent Lake Storm Drainage Improvements. Design and construct larger conveyance piping to reduce street flooding.	\$1,900,000	In Progress	Penny for Pinellas/Local	1/19/2022	9/26/2017	Noah Taylor
St. Petersburg	8th Ave. S. & 44th St. S. Storm Drainage Improvements. Project will construct large conveyance piping to reduce street and property flooding.	\$4,500,000	In Progress	Penny for Pinellas/Local	1/19/2022	9/26/2017	Noah Taylor
St. Pete Beach	SCADA System / Lift Stations (Purchase a SCADA system for 17 wastewater pump/lift stations.)	\$90,000	Completed	City funds	1/19/2022	11/1/2016	Chelsey Welden
St. Pete Beach	Generators for Lift Stations (Procure emergency generators and electrical equipment for lift stations #2 and #3.)	\$100,000	Completed	City funds	1/19/2022	11/1/2016	Chelsey Welden
St. Pete Beach	Egan Park Improvements: Water Quality Detention Basin/1	\$50,000	Complete	SWFWMD Grant	1/19/2022	10/3/2017	C.W. Porter
St. Pete Beach	GIS/ Computer Hardware and Software Enhancement: Develop work order system w/GIS enhancements./4	\$35,000	Complete	Local	1/19/2022	10/3/2017	C.W. Porter
St. Pete Beach	Repairs: Wastewater Inflow and Infiltration FY2016: Priority-based improvements to wastewater system infrastructure to help reduce the possibility of SSOs/4	\$500,000	Complete	Wastewater Fund	1/19/2022	10/3/2017	C.W. Porter
St. Pete Beach	Stormwater Improvements to Pass-a-Grille Way (Reconstruction Phase I)/1	\$843,525	Complete	Stormwater Fund	1/19/2022	10/3/2017	C.W. Porter
St. Pete Beach	Repairs: Wastewater Inflow and Infiltration FY2017: Priority-based improvements to wastewater system infrastructure to help reduce the possibility of SSOs./4	\$2,300,000	Complete	Wastewater Fund	1/19/2022	10/3/2017	C.W. Porter
St. Pete Beach	Wastewater Improvements to Pass-a-Grille Way (Reconstruction Phase I)/4	\$2,210,325	Complete	Wastewater Fund	1/19/2022	10/3/2017	C.W. Porter
Tarpon Springs	Riverside and Hillside Drive Stormwater Improvements	\$67,000	Completed	Stormwater Utility	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Pent Street/Grosse Avenue Flooding Abatement Project Flooding/Drainage Improvements	\$3,400,000	Construction Underway	Stormwater Utility & Approved SWFWMD CFI	1/19/2022	12/15/2018	R. Robertson
Tarpon Springs	Disston and Tarpon Ave Evac Route SW Improvements	\$428,000	Design Complete	Stormwater Utility	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Kenneth Way Flooding/Drainage Improvements	\$91,000	Conceptual Design	Stormwater Utility	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Center Street at Disston Ave Flooding/Drainage Improvements	\$573,000	Alternatives Analysis Underway	Stormwater Utility	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Athens St. and Dodecenase Sponge Docks Flooding/Drainage Imp.	\$27,000	Phase 1 Construction Nearly Complete	Stormwater Utility	1/19/2022	12/15/2018	Anthony Mannello
Tarpon Springs	Palm Avenue Flooding/Drainage Improvements	\$728,000	Complete	Stormwater Utility & CFI Application Submitted	1/19/2022	12/15/2018	Anthony Mannello

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Tarpon Springs	Highland Ave. & Vista Pl./Jasmine Ave. & Lime St.Flooding/Drainage Improvements	\$161,500	Permitting Complete, Pending Funding	Stormwater Utility & Approved SWFWMD CFI	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Disston Ave between Spruce and Live Oak Flooding/Drainage Imp	\$581,000	Conceptual Design	Stormwater Utility	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Fire Station #71 – Construct a new Fire Station to reach the community during an emergency for a more rapid response time	\$2,700,000	Completed	City of Tarpon Springs and Penny for Pinellas	1/19/2022	12/15/2018	Megan Araya
Tarpon Springs	Mango Street Roadway and Stormwater Improvements	\$917,000	Construction Underway	City of Tarpon Springs and Penny for Pinellas	1/19/2022	9/16/2021	R.Robertson
Tarpon Springs	Window replacement, roof replacement, pointing of the brick and waterproofing City Hall.	\$2,100,000	Completed	City of Tarpon Springs and Penny for Pinellas	1/19/2022	12/15/2018	Megan Araya
Tarpon Springs	Riverside/Hillside Drive Flooding Abatement	\$56,000	Completed	Stormwater Utility	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Bath St./Shaddock Ave. Alley	\$9,870	Completed	Stormwater Utility	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Stormwater Infrastructure (GIS) Assessment Project	\$200,000	Completed	Stormwater Utility & CFI Application Submitted	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Purchase Johnson Street Sweeper for in-house removal of roadside sediment & debris that would otherwise get into our stormwater system. Estimated completion time: Ongoing. / 1,3	\$240,000	Purchased	Stormwater Tax Assessment	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Purchase Aquatech VacCon for in-house removal of sediment & debris that cause blockages of our stormwater system. Estimated completion time: Ongoing. / 1,3	\$350,000	Purchased	Stormwater Tax Assessment	1/19/2022	12/15/2018	Heather Urwiller
Tarpon Springs	Purchase 15 new portable generators	\$459,000	Purchased	City of Tarpon Springs Utilities	1/19/2022	12/15/2018	R. Robertson
Tarpon Springs	Purchase Tennant Mini Street Sweeper for removal of sidewalk and roadside sediment, fertilizer & debris that would otherwise get into our bayou system.	\$16,000	Purchased	Stormwater Tax Assessment	1/19/2022	11/13/2018	Heather Urwiller
					1/19/2022		
Treasure Island	Elevated three structures above the base floor elevation	\$100,000	Complete	Private	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Demolished three structures and replaced with conforming structures.	\$1,500,000	Complete	Private	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Demolished one structure in flood area.	\$800,000	Complete	Local and State	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Applications pending to elevate two structures above the base floor elevation	\$210,000	Underway	Private and State	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Drainage improvements in the Sunset Beach neighborhood to reduce flooding.	\$300,000	Complete	Local and State	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Hardening of critical facilities - City Hall and Public works complex.	\$150,000	Received HMGP grant for this project in the amount of \$71,487.	HMGP/Local	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Reconstruction of Treasure Island Causeway bascule bridges to replace bridges built in 1939. Causeway is designated evacuation route for 7,560 permanent and 8,000 seasonal residents with the original bridges and equipment subject to storm tide flooding due to low elevation.	\$50,000,000	Received federal grant for this project in the amount of \$50,000,000. Completed in 2007.	Federal	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Enhancement of beach area to reduce storm losses. Quarterly planting of sea oats by community volunteers to enhance dune system for a number of years. County provides sea oats free of charge. Nominal cost to City. Also, sand sharing program set up so that in the event of a storm, the City can relocate accreted sand to storm damaged areas of Treasure Island's beach (\$500,000 reserve fund set aside by City Commission for emergency beach repairs.)	Nominal to date. Reserve of \$500,000 established.	Compleat and on-going	Local and County (sea oats donation)	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	2013 Elevated 2 structures above BFE	\$459,000	Complete	Private	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	2013 Demolished one structure in flood area (no replacement)	\$10,000	Complete	Private	1/19/2022	10/31/2017	R.G. Bray, Jr.

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Treasure Island	Permits issues to elevate one structure above the base floor elevation (to be completed in 2014)	\$1,430,000	Underway	Private	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Demolition of 7 non-FEMA compliant structures (2015)	\$64,700	Complete	Private	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Drainage improvements in the Sunset Beach neighborhood to reduce flooding. (One phase)	\$914,000	One Phase Complete	Local and State	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Palms Bridge replacement	\$1,657,638	Complete	Local	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Capri Bridge replacement	\$2,244,517	Complete	Local	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Main Lift Station Refurbishment	\$429,176	Complete	Local	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Lift Station #3 Refurbishment	\$244,339	Complete	Local	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Emergency Generator	\$56,400	Complete	Penny for Pinellas, Local (Wastewater General Fund)	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Harden / Refurbish Municipal Facilities (LS #6, LS #7, LS #8, LS #9)	\$1,093,240	Complete	Local (Wastewater General Fund)	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Harden / Refurbish Municipal Facilities (LS #4)	\$756,289	Complete	Local (Wastewater General Fund)	1/19/2022	10/31/2017	R.G. Bray, Jr.
Treasure Island	Phase 6 Drainage improvements in the Sunset Beach neighborhood to reduce flooding.	\$1,300,000	Complete	Local and State	1/19/2022	11/19/2018	R.G. Bray, Jr.
Treasure Island	Lift Station #4 - Refurbishment - Elevation of Controls & Electrical Equipment in Lift Station #4 Estimated completion time: more than 12 months. / 4	\$823,300	Complete	Partially Funded by City	1/19/2022	1/10/2018	Mike Helfrich
Treasure Island	GPS Inventory of Street Signs - Inventory all street and identification signs using GPS technology to facilitate replacement following a storm event. Estimated completion time: more than 12 months./ 4	\$50,000	Complete	CDBG; HMGP; HMGP Planning	1/19/2022	1/10/2018	Mike Helfrich
Treasure Island	Stormwater Interceptor project in Sunset Beach and rehabilitation of underdrain system at lots 2 and 3 improvement of stormwater discharge throughout the city / 4 - At lots 2 and 3 and nearby areas. 2016: Phase 4 & 5. 2017: Phase 6. 2018: Master Plan. 2019: Causeway Area. 2020: Sunshine Beach Area. 2021: Downtown Area.	\$3,105,000	Complete	Local/Partially funded by SWFWMD	1/19/2022	1/10/2018	Mike Helfrich

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Treasure Island	Stormwater Master Plan	\$2,510,000	Master Plan Complete - Projects to be constructed in the future.	Capitalization Grants for Clean Water State Revolving Funds; HMGP; Nonpoint Source Implementation Grants; SWFWMD Grants, Local funds	1/19/2022	11/30/2021	Jamie Viveiros
Treasure Island	Lift Station Rehabilitation - Rehab and harden Lift Stations #1, #2, #5, #10 an #11. Modernize the faciities and equipment to address the current demands upon the system, extend the life of the facility, and harden the system to be resistant to flood and surge.	\$1,800,000	Complete	Local and State Funding	1/19/2022	11/30/2021	Jamie Viveiros
Treasure Island	Lift Station Vault Door Replacements	\$600,000	Complete	Capitalization Grants for Clean Water State Revolving Funds; FMAP; HMGP; Nonpoint Source Implementation Grants; Local	1/19/2022	11/30/2021	Jamie Viveiros
Treasure Island	Portable Generator for Pump Station #4	\$115,000	Complete	Local Funding	1/19/2022	11/30/2021	Jamie Viveiros
The Arc Tampa Bay	The Arc Tampa Bay Long Center Generator - Purchase and installation of a natural gas based 125 kw generator to support approximately 7000 sqare feet, to support the critical health and safety needs of our residents during a hurricane.	\$142,000	Complete	Generator donated by Publix. Installation costs funded by The Arc Tampa Bay Foundation (a separate 501c3). Engineering performed by East-West. Total costs for installation, maintenance contracts and testing approximately \$100,000.	1/19/2022	9/27/2021	Carolyn Reginelli

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**

**Pinellas County
Local Mitigation Strategy 2021-2022
Appendix D, Table D-2: Accomplishments**