Local Mitigation Strategy Annual Report – 2018

The Pinellas County LMS was originally adopted in 1998 and then again in 2005, 2010 and 2015. Comprehensive updates are now required by the Federal Emergency Management Agency (FEMA) every five years. In addition to the 5-year FEMA updates, the Florida Division of Emergency Management (FDEM) also requires certain sections to be updated annually, including reviewing and updating planned mitigation projects. County government, twenty-three municipal partners, other governmental agencies, local universities and various non-profits all participate in the LMS and contribute to the update process. The City of St. Pete Beach participates in the LMS process and adopted the County-Wide LMS as its own mitigation strategy on August 25, 2015.

The purpose of the Local Mitigation Strategy (LMS) is to establish an ongoing process that makes hazard mitigation part of the daily functioning of the entire community, including both public and private sectors and residents themselves. The LMS is a multi-jurisdictional "all-hazards" mitigation plan that serves as a bridge between the City's comprehensive growth management plan, comprehensive emergency management plan, land development regulations, and relevant ordinances and codes such as those for floodplain management. The LMS integrates mitigation initiatives established through various policies, programs, and regulations into a single, stand-alone working document.

Mitigation plans identify potential hazards and vulnerabilities, set goals and establish specific mitigation actions to reduce risk of natural or man-made or natural hazards to people, buildings, infrastructure and the environment. Local mitigation plans are required under Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) as enacted under the Disaster Mitigation Act of 2000 in order to be eligible for federal hazard mitigation grants.

In addition to preparing residents for the potential impacts of various types of hazards and allowing the City to receive federal grant funding in the event of a declared disaster, the LMS plays an important role by serving as the City's Floodplain Management Plan in the Community Rating System (CRS) program. CRS is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum National Flood Insurance Program requirements. Participating local governments are evaluated on their flood prevention and mitigation programs and receive a CRS score. The score directly affects the percentage of premium decrease applied to every flood insurance policy held by property owners within the City. One of the requirements of the CRS program is an annual progress report covering prevention and mitigation efforts as identified in the LMS. This report is that document.

Appendices 7 and 10 illustrate recent successful implementation efforts by the City. Appendix 9 depicts projects that are needed for hazard prevention, both funded and unfunded.

Source of general information above: Pinellas County

City of St. Pete Beach
Local Mitigation Strategy 2019
APPENDIX 7 – OUTREACH ACTIVITIES

St. Pete Beach									
Repetitive Loss Areas	Letter	Direct Mailing	Properties located within 13 different repetitive loss areas	General information about grants, flood insurance.	269	1/24/19	10/3/2017		C.W.Porter
Flood Awareness	Website	Website	Municipality	General information regarding all aspects of Flood Protection and contacts	10,000	1/24/19	10/3/2017		C.W.Porter
St Pete Beach is Subject to Flooding	Paradise News Insert	Direct Mailing	Municipality	Assistance available, Flood Insurance Rate Maps, Safety Measures, Preparation before the storm, Warning Systems, etc.	10,000	1/24/19	10/3/2017		C.W.Porter
Lenders, Insurance and Real Estate Agents	Letter	Direct Mailing	Agents	Grant information, Historic Flood Information, Flood Protection	30	1/24/19	10/3/2017		C.W.Porter

City of St.Pete Beach
Local Mitigation Strategy 2019
APPENDIX 9 – MITIGATION INITIATIVES

Total Score	Jurisdiction/ Organization	Project Name	Description/ Natural Hazard Addressed Key: 1=Flooding; 2=Storm Wind; 3=Erosion; 4=All Hazard	Est. Cost	Timeframe / Status	Possible Funding Sources (see App 11 for key to acronyms)	Date Last Reviewed/ Updated		Reviewer
1330	St. Pete Beach	City EOC Retrofit	Provide shutters for the city EOC. Estimated completion time: less than 12 months. /2	$40,000	less than 12 mths currently unfunded	EMPATF, HMGP, PDM Program	1/24/19		C.W.Porter
890	St. Pete Beach	Flood Proof Recreation Building	Flood Proof Recreation Building. Estimated completion time: more than 12 mths. /1	$350,000	more than 12 mths. Currently unfunded	FMAP, HMGP, PDM Program, EMPATF	1/24/19		C.W.Porter
1000	St. Pete Beach	Acquisition of Repetitive Loss Properties	Purchase repetitive loss properties to mitigate losses. Estimated completion time: more than 12 months. /1	$1,000,000	More than 12 mths currently unfunded	EMPATF, HMGP, PDM Program	1/24/119		C.W.Porter
1220	St. Pete Beach	Dune Creation	Create dunes where there a gaps in the system and restore those which do not meet current FDEP dune standards. This will protect the entire City against the impacts of storms and damage to lives and property. /1,3	$500,000	currently unfunded		1/24/19		C.W.Porter
1060	St. Pete Beach	Sea Level Rise Study	Identify areas which are particularly vulnerable to sea level rise and which experience frequent flooding and develop an action plan to mitigate future damages. Many areas of the city become inundated with water during storms and greatly affect the welfare of the community. By developing strategies to prevent this, the City will reduce the threat level of the flooding and erosion. /1	$40,000	currently unfunded		1/24/19		C.W.Porter
1313	St. Pete Beach	Stormwater Improvements	Ongoing improvements to the City's stormwater infrastructure. Repair locations are prioritized based on stormwater flooding and erosion. /1	$3,000,000	$600,000 annually 2018-2022	Stormwater Fund, HGMP, SWFWMD	1/24/19		C.W.Porter
1262	St. Pete Beach	Seawall Rehabilitation	Seawall repair and replacement in accordance with established level of service. City staff review inventory and prioritize project locations annually. /3	$500,000	$1000,000 annually 2018-2022	Capital Projects Fund	1/24/19		C.W.Porter

Total Score	Jurisdiction/ Organization	Project Name	Description/ Natural Hazard Addressed Key: 1=Flooding; 2=Storm Wind; 3=Erosion; 4=All Hazard	Est. Cost	Timeframe / Status	Possible Funding Sources (see App 11 for key to acronyms)	Date Last Reviewed/ Updated		Reviewer
1029	St. Pete Beach	Sub-Aqueous Assessment	Condition assessment of all force mains to plan future maintenance and replacement in order to prevent sanitary sewer overflows (SSOs) into bodies of water that surround the island. Project includes a highly detailed assessment of the force main leading from pump station no 1. /1	$175,000	Less than 12 mths	Wastewater Fund	1/24/19		C.W.Porter
1073	St. Pete Beach	Gulf Boulevard Electric Undergrounding	Undergrounding of electric utility lines adjacent to Gulf Boulevard. /2	$4,500,000	More than 12 mths	Penny for Pinellas, Interlocal Agreement with Pinellas County	1/24/19		C.W. Porter
1091	St. Pete Beach	Dune Walkover Replacement	Dune walkover replacement at 12th Avenue and 16th Avenue to meet FDEP requirements and increase resiliency by increasing the height of the walkover to permit the dunes to grow. /1,3	$120,000	Less than 12 mths	Grant from Pinellas County	1/24/19		C.W. Porter
1142	St. Pete Beach	Alley Improvements	Replacement of the existing eastern north-south shell alley between 21st and 22nd Avenue in Pass-A-Grille with a new concrete alley, designed to convey stormwater to the newly installed stormwater collection system on Pass-A-Grille Way. /1	$100,000	18 MTHS	Capital Projects Fund	1/24/19		C.W. Porter
1169	St. Pete Beach	Blind Pass Stormwater Basin	The Blind Pass Road stormwater system is designed to connect 7 flood control basins. This project will connect the first basin to the new twin 60' stormwater pipes. Anticipated project schedule includes one basin per year for the next 7 years until the project is complete. /1	$1,400,000	7 years	Stormwater Fund, SWFWMD	1/24/19		C.W. Porter
1080	St. Pete Beach	Boca Ciega Isle Stormwater Improvements	Improvements in stormwater basin 6F identified in the Stormwater Master Plan. This basin contains 5.8 acres in a residential zone and comprises the east end of Boca Ciega Isle. /1	$350,000	18 mths	Stormwater Fund			C.W. Porter
1227	St. Pete Beach	Fire Department Dock	Infrastructure improvements to the City owned area across from station 22 to facilitate the operation of Fire Boat 22 (100% County-funded vessel). Improvements include a dock, boat lift, and all required electrical equipment. /4	$35,000	Less than 12 mths	Capital Projects Fund	1/24/19		C.W. Porter
1152	St. Pete Beach	GIS Integration System	Camera system integrated with GIS mapping for exact pipe and infrastructure location. Software system integrates with the Work Order management System for mapping maintenance.	$80,000	18 MTHS	Stormwater Fund	1/24/19		C.W. Porter

Total Score	Jurisdiction/ Organization	Project Name	Description/ Natural Hazard Addressed Key: 1=Flooding; 2=Storm Wind; 3=Erosion; 4=All Hazard	Est. Cost	Timeframe / Status	Possible Funding Sources (see App 11 for key to acronyms)	Date Last Reviewed/ Updated		Reviewer
			/1						
1047	St. Pete Beach	Pump Replacement Stock	"Change out" pumps reduce service interruption, the likelihood of SSO's, and the associated emergency maintenance cost. One surplus pump for each of the five different types currently in service will be acquired. /4	$120,000	Less than 12 mths	Wastewater Fund	1/24/19		C.W. Porter
1101	St. Pete Beach	Valve Vault Repair	The combined valve vault where the outflow from the Cities of Treasure Island and St.Pete Beach enter the City of St. Petersburg's wastewater system are frozen in the open position. This project will install a new 20-inch valve to help reduce the possibility of SSO's. /4	$310,000	24 mths	Wastewater Fund	1/24/19		C.W. Porter
1065	St. Pete Beach	Wastewater Inflow and Infiltration Repairs	Priority-based improvements to the wastewater system infrastructure to help reduce the possibility of SSO's. The City received a system-wide inflow and infiltration study in the fiscal year 2017, which prioritizes manhole, lining, and pipe point repairs. /4	$4,900,000	5 years	Wastewater Fund	1/24/19		C.W. Porter
1299	St. Pete Beach	Generator at Station 22	Provide and install 40-kilowatt natural gas-fired generator to be located on the roof in order to meet FEMA regulations at Fire Station 22, including roof engineering and construction as well as running TECO natural gas line to the building in order to ensure Continuity of Operations. /4	$150,000	2 years	Currently unfunded	1/24/19		C.W. Porter

City of St. Pete Beach
Local Mitigation Strategy 2019
APPENDIX 10 – MITIGATION ACCOMPLISHMENTS

Project	Cost	Status	Funding	Date Last Reviewed/ Updated	Reviewer/ Update Comments
ST. PETE BEACH					
SCADA System / Lift Stations (Purchase a SCADA system for 17 wastewater pump/lft stations)	$90,000	Completed	City Funds	1/24/19 / 11/1/16	Chelsey Welden
Generators for Lift Stations (Procure emergency generators and electrical equipment for lift ststions #2 and #3)	$100,000	Completed	City Funds	1/24/19 / 10/3/17	C.W. Porter
Egan Park Improvements: Water Quality Detention Basin /1	$50,000	Completed	SWFWMD	1/24/19 / 10/3/17	C.W.Porter
GIS / Computer Hardware and Software Enhancement: Develop wotk order system w/GIS enhancements. /4	$35,000	Complete	Local	1/24/19 / 10/3/17	C.W.Porter
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	1/24/19 / 10/3/17	C.W.Porter
Stormwater Improvements to Pass-A-Grille Way (Reconstruction Phase 1). /1	$843,525	Complete	Stormwater Fund	1/24/19 / 10/3/17	C.W.Porter
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	1/24/19 / 10/3/17	C.W.Porter
Wastewater Improvements to Pass-A-Grille Way (Reconstruction Phase 1). /4	$2,210,325	Complete	Wastewater Fund	1/24/19 / 10/3/17	C.W.Porter

155 Corey Avenue
St. Pete Beach, FL 33706-1839
www.stpetebeach.org

PRESS RELEASE

Contact(s) Information:
For immediate information, contact Bill Palmer, CBO, Building Official
727-363-9276; FAX 727-363-9222

FOR IMMEDIATE RELEASE: April 23, 2019

The City of St. Pete Beach has released the Local Mitigation Strategy (LMS) Annual Report 2018. The report illustrates successful mitigation and preventative efforts by the city to protect citizens, property, infrastructure and the environment in the community. It also depicts proposed future projects that are intended to mitigate and prevent hazards.

The St. Pete Beach Local Mitigation Strategy was developed as part of the County-wide Local Mitigation Strategy and was adopted by the City in 2015. The Annual Report highlights planned and implemented activities that are specific to St. Pete Beach. The LMS and the Annual Report are part of the City's participation in FEMA's Community Rating System (CRS). The CRS rating that a community receives directly impacts the amount of rate reduction that all policy-owners in the City receive on their flood insurance.

Copies of the report are available at www.stpetebeach.org or by calling 727-363-9276.

St. Pete Beach
The Sunset Capital of Florida

155 Corey Avenue
St. Pete Beach, Florida 33706
(727) 363-9276
bpalmer@stpetebeach.org

April 23, 2019

Mr. Steve Martin
FLORIDA DIVISIONOF EMERGENCY MANAGEMENT
2555 Shumard Oak Blvd.
Tallahassee, FL 32399-2100

RE: Local Mitigation Strategy – Annual Report 2018

Dear Mr. Martin:

Attached please find Local Mitigation Strategy – Annual Report 2018 for the City of St. Pete Beach. Should you have any questions or comments I can be reached at (727) 363-9276.

Sincerely

William J. Palmer, CBO
Building Official

Pinellas County 2018 Local Mitigation Strategy Annual Progress Report

1 OVERVIEW

Pinellas County, its municipalities, and other stakeholders have developed a county-wide Local Mitigation Strategy (LMS) that defines the various types of potential hazards to the community, ways to minimize the impact of these hazards, and roles and responsibilities of the County and participating municipalities. The Federal Emergency Management Agency (FEMA) requires states and local governments have such a hazard mitigation plan in place in order to be eligible for relevant federal funds. The Florida Division of Emergency Management (FDEM) requires annual updates to various sections of the plan, including community outreach activities, planned or potential mitigation projects to address the hazards identified, and completed projects. Every five years FEMA also requires an update of the entire plan. The annual FDEM updates do not need to be adopted by participating jurisdictions, however the FEMA-required 5-year update must be adopted via resolution or ordinance. Pinellas County's last 5-year update was adopted in 2015, and utilized the 10-step process consistent with FEMA's Floodplain Management Planning (FMP) element of the Community Rating System (CRS), which allows the LMS to serve as the county-wide floodplain management plan in the CRS program, thereby allowing jurisdictions participating in the LMS to receive CRS credit.

2 PURPOSE OF ANNUAL LMS REPORT

An LMS Working Group (LMSWG) has been established consisting of representatives from the public, private and non-profit sectors. At minimum, the LMSWG meets quarterly to discuss ongoing mitigation activities and the FDEM and FEMA required updates to the LMS. Per requirements of the CRS program, an annual progress report must be created detailing updates to the county-wide FMP, which as discussed above, is served by the LMS plan. This calendar-year 2018 LMS Annual Progress Report serves as an update on LMS activities while also meeting CRS requirements.

While there is no requirement for a local government to adopt this report, the CRS program requires it "must be submitted to the governing body, released to the media, and made available to the public." The County issues a media release, makes the update available to the public at www.PinellasLMS.org and provides this report to participating jurisdictions for submittal to their respective governing bodies.

3 REPORT CONTENTS

The calendar-year 2018 annual updates required by FDEM, and correspondingly by the CRS program, were submitted to the State on January 28, 2019, and the FDEM has responded indicating Pinellas County's LMS remains in compliance. A copy of that compliance letter is provided in Attachment 1, along with the associated plan updates required by FDEM.

ATTACHMENT 1:

STATE OF FLORIDA

DIVISION OF EMERGENCY MANAGEMENT

Ron DeSantis
Governor

Jared Moskowitz
Director

January 29, 2019

Chris Moore
Pinellas County Emergency Management
310 Court Street
Clearwater, FL 33756

Re: Florida Administrative Code 27P-22 Compliance

Dear Mr. Moore:

The Florida Division of Emergency Management's Mitigation Planning Unit received your updated 27P-22.004 information for the 2018 calendar year. After looking through the information received, it has been determined that your update is complete and your Local Mitigation Strategy complies with F.A.C. 27P-22.004.

If you have any questions regarding this matter, or if our office can be of any further assistance, please contact our Mitigation Planning Manager, Melissa Schloss, at 850-815-4504 or Melissa.Schloss@em.myflorida.com.

Respectfully,

Miles E. Anderson,
Bureau Chief, Mitigation
State Hazard Mitigation Officer

MEA/ms

STATE OF FLORIDA

DIVISION OF EMERGENCY MANAGEMENT

RICK SCOTT
Governor

WESLEY MAUL
Director

December 1, 2018

MEMORANDUM

TO: County Director of Emergency Management
Local Mitigation Strategy Working Group Chair/Coordinator

FROM: Miles E. Anderson, Mitigation Bureau Chief
State Hazard Mitigation Officer
Florida Division of Emergency Management

SUBJECT: Annual request for update, per 27P-22 Florida Administrative Code

The purpose of this memo is to remind the Local Mitigation Strategy (LMS) Chairperson of the Florida Administrative Code 27P-22.004 requiring an annual update on information regarding the LMS plan and working group.

Please provide the following materials:

- Current list of members of the LMS working group, identifying current chairperson, vice-chairperson, and/or coordinator (and contact information- e-mail, phone, and mailing address)
- Documentation showing that within the preceding year the county has issued a written invitation to each municipality to participate in the LMS-WG
- Current list of mitigation measures, associated funding sources, and their estimated costs (also referred to as action item list, initiatives or priority project list)
- Major changes (if applicable) to the local hazard assessment, critical facilities list, repetitive loss properties list or plan maps occurring in the past year.

The Florida Administrative Code 27P-22.004 is enclosed for your reference. **Please note: this is not a request for your 5-year plan update.**

Please email this updated information *by the last working weekday of January 2019* (Thursday, January 31, 2019) to your LMS State Liaison, per the enclosed map. Or you may mail your documents to the following address:

Florida Division of Emergency Management
Attention: Mitigation Planning Unit
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100

Your liaison can answer questions or comments on this matter if needed. Thank you.

Florida Administrative Code 27P-22.004
Annual Compliance Form

County	Pinellas County
Chair	Reference: FAC 27P-22. 004 (4)(a)
	Name: Christopher Moore, CFM
	Jurisdiction & Title: CRA & Resiliency Manager, Pinellas County
	Address: 310 Court St., Clearwater, FL 33756
	Phone (o): 727-464-8219
	Phone (c):
	Email: cdmoore@pinellascounty.org
Vice Chair (if applicable)	
	Name: Noah Taylor, CFM, ENVSP
	Jurisdiction & Title: Floodplain Coordinator, City of St. Petersburg
	Address: 1-4th Street North, St. Petersburg
	Phone (o): 727-893-7283
	Phone (c):
	Email: noah.taylor@stpete.org
EM Coordinator (if applicable)	
	Name: Joe Borries
	Jurisdiction & Title: Operations Manager, Pinellas County Emergency Management
	Address: 10750 Ulmerton Rd, Bldg 1 STE 267, Largo FL 33778
	Phone (o): (727) 464-3803
	Phone (c):
	Email: jborries@pinellascounty.org

Was your LMS submitted to the State for review within the last 6 months? ☐ **Yes** ☒ **No**

If your LMS was submitted in the past 6 months, have there been any changes since the plan was submitted?
☐ **Yes** ☐ **No** ☒ **N/A**
If Yes or N/A, please complete the following document.
If No, your 27P-22.004 annual update is complete.

1. LMS Working Group

Submit the LMS-WG List including contact information.	■ **Attached**
Reference: FAC 27P-22. 004 (4)(a)	
Comments: Attachment 1 includes updates to Working Group roster, the updated project priority list as well as other plan updates.	

2. LMS Working Group Participation Invites

Provide documentation to show that within the preceding year the county has issued a written invitation to each municipality to participate in the LMS-WG.	■ **Attached**
Reference: FAC 27P-22. 004 (4)(3)	
Comments: Attachment 2 contains email invitation to municipalities as well as a press release inviting the public and other stakeholders.	

3. Hazard Analysis Change

Are there any new or removed hazards?	☐ **Yes**
Reference: FAC 27P-22. 004 (4)(e)(1)	■ **No**
Comments:	
	If Yes, attach the LMS sections that have been updated.

4. Project Priority List

Include a list of projects in order of priority with associated funding sources and estimated costs. TBD for estimated costs is not sufficient.	■ **Attached**
Reference: FAC 27P-22. 004(e)(2) & FAC 27P-22. 005(7)	
Comments: Attachment 1 includes updates to Working Group roster, the updated project priority list as well as other plan updates.	

5. Critical Facilities List

Have there been any changes to the critical facilities list within the past year?	☐ **Yes**
Reference: FAC 27P-22. 004 (4)(e)(3)	■ **No**
Comments:	
	If Yes, attach the updated list.

6. Repetitive Loss Properties List

Have there been any additions or removals to the repetitive loss properties in any of your jurisdictions within the past year?	☐ **Yes**
Reference: FAC 27P-22. 004 (4)(e)(4)	■ **No**
Comments:	
	If yes, attach the updated list.

7. Revisions to Maps

Were there any changes to maps included in the LMS within the past year?	☐ **Yes**
Reference: FAC 27P-22. 004 (4)(e)(5)	■ **No**
Comments:	
	If yes, attach the updated map(s).

Please email this updated information *by the last working weekday of January 2019* (Thursday, January 31, 2019) to your LMS State Liaison, per the enclosed map. Or you may mail your documents to the following address:

Florida Division of Emergency Management
Attention: Mitigation Planning Unit
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100

Please contact your liaison with any questions. Thank you in advance.

Pinellas County
Local Mitigation Strategy
2019 Working Group Roster

Agency/Organization	Name	Primary/Alternate Member	E-Mail Address	Phone	Position Title
American Red Cross	Hendrickson, Mark	Stakeholder	mark.hendrickson@redcross.org	727-744-0382	Business Consultant for COOP & Community Development Education
American Red Cross	Bueno, Jose C	Stakeholder	Jose.Bueno@redcross.org	813-868-7673	Regional Preparedness Manager
Area Agency on Aging of Pin./Pasco	Martino, Jason	Stakeholder	jason.martino@aaapp.org	727-570-9696	Emergency Coordinating Officer
Bay Area DKI	Ennest, Chris	Stakeholder	CEnnest@bayareadki.com	813-224-2464	Account Manager
Bayfront Health St. Petersburg	Beckert, Bruce	Stakeholder	bruce.beckert@hma.com	727-893-6967	Construction Coordinator
Bayfront Health St. Petersburg	Roger Fournier PI	Stakeholder	roger.fournier@BayfrontHealth.com	727-893-6171	Director of Public Safety
Bayfront Health St. Petersburg	Baker, Glenn	Stakeholder	Glenn.Baker@bayfronthealth.com	727-893-6074	Emergency Management Coordinator
Belleair	Lauda, Gregg	Primary Member	glauda@townofbelleair	727-588-3760 x 215	
Belleair	Bodeker, Keith	Primary Member	kbodeker@townofbelleair.net	Cell:(727) 408-4860	Construction Project Supervisor
Belleair Beach	Rives, Lynn	Primary Member	lynn.rives@cityofbelleairbeach.com	727-595-4646 x121	City Manager
Belleair Beach	Kyle Riefler	Primary Member	Kyle.riefler@cityofbelleairbeach.com	727-595-4646 x123	Community Services Administrator
Belleair Bluffs	Sullivan, Debra	Primary Member	dsullivan@belleairbluffs-fl.gov	727-584-2151 727-638-6497 cell	City Administrator
Belleair Bluffs	Schmader, Russ	Primary Member	rschmader@belleairbluffs-fl.gov	727-307-5773	Public Works Director
Clearwater	Kessler, Sarah	Primary Member	Sarah.Kessler@myclearwater.com	727.562.4897	Environmental Specialist CRS Coordinator
Clearwater	Graham, Jevon	Primary Member	jevon.graham@myclearwater.com	727-562-4334 x3205	Emergency Manager
Clearwater	Matzke, Lauren	Alternate Member	Lauren.Matzke@myclearwater.com	727.562.4547	Long Range Planning Manager
Dunedin	DiPasqua, Joseph	Primary Member	jdipasqua@dunedinfl.net	727-298-3193	Assistant Director of Planning & Development
Dunedin	Marsh, Whitney	Primary Member	wmarsh@dunedinfl.net	727-298-3232	Stormwater Program Coordinator
Dunedin	Ferlita, Russell	Alternate Member	rferlita@dunedinfl.net	727-298-3186	Section Engineer
Dunedin	Parks, Jeff	Alternate Member	jparks@dunedinfl.net	727-298-3094	Fire Chief
East Lake Tarpon Fire Control District	Jamison, Tom	Stakeholder	tjamison@elfr.org	727-784-8668	Fire Chief
Eckerd College	Mets, Lisa	Stakeholder	metsla@eckerd.edu	727-864-8221	Vice President & Secretary of Eckerd College and Risk Manager

Pinellas County
Local Mitigation Strategy
2019 Working Group Roster

Agency/Organization	Name	Primary/Alternate Member	E-Mail Address	Phone	Position Title
FDOT	Aborizk, Angela	Stakeholder	angela.aborizk@dot.state.fl.us	813-615-8630	FPEM Emergency Operations Coordinator
FEMA - Region IV	Vigo, Gabriela	Stakeholder	gabriela.vigo@fema.dhs.gov	229-225-4546	HMA Program Specialist, FL
FL Restaurant & Lodging Assoc.	Lynch, Dannette	Stakeholder	dannette@frla.org	727-642-3404	Regional Director Florida Restaurant & Lodging Association
Florida Emergency Management	Price, Jamie	Stakeholder	Jamie.price@em.myflorida.com	Office: 850-413-9925 Cell: (850) 694-6620	Lead Mitigation Planner
Florida Emergency Management	Wallick, Michael	Stakeholder	Michael.Wallick@em.myflorida.com	850-922-0325	Mitigation Planner
Gulfport	Taylor, Michael	Primary Member	mtaylor@mygulfport.us	727-893-1087	Principal Planner
Gulfport	Streicher, Clark	Primary Member	cstreicher@mygulfport.us	727-893-1020	Building Official
Hillsborough County Hazard Mitigation	Eugene Henry, AICP, CFM	Stakeholder	Henrye@hillsboroughcounty.org	813-307-4541	Hazard Mitigation Manager/Hillsborough Co. LMS Coordinator
Indian Rocks Beach	Scharmen, Dean	Primary Member	dscharmen@irbcity.com	727-595-6889	Public Services Director
Indian Rocks Beach	Lorin Kornijtschuk	Primary Member	lorink@irbcity.com	727-595-6889	Administrative Assistant
Indian Shores	Dhonau, Bonnie	Primary Member	bdhonau@myindianshores.com	727-474-7777	Town Administrator
Indian Shores	Mauter, Sarah	Primary Member	smauter@myindianshores.com	727-474-7786	Building Clerk
Kenneth City	Campbell, Mathew	Primary Member	campbellm@kennethcityfl.org	727-498-8948	City Manager
Kenneth City	Susan L. Scrogham CMC	Primary Member	scroghams@kennethcityfl.org	727-498-8948	Town Clerk
Largo	Joseph Pennino, MPP	Primary Member	jpennino@largo.com	(727) 587-6740 Ext. 2101 Cell: 813-679-5615	Deputy Fire Chief / EM Coordinator
Largo	Johnson, Cody	Alternate Member	cjohnson@largo.com	Office: 727-587-6714 ext. 211	Chief of Special Operations
Largo	Curtis, Luke	Alternate Member	lcurtis@largo.com	727-586-7488 ext 7211	Plans Examiner
Largo	Ann Rocke	Primary Member	arocke@largo.com	(727)587-6713 ext. 4425	Program Engineer
Maderia Beach	Paulson, Karen	Primary Member	kpaulson@madeirabeachfl.gov	727-391-9951, x222	HR/Financial Coordinator
Maderia Beach	Chief Derryl O'Neal	Primary Member	doneal@medeirabeachfl.gov	(727) 391-3400 x 248	Fire Chief
Morton Plant Mease Healthcare	Clark, Carol	Stakeholder	carol.clark@baycare.org	727-825-1753	Manager Safety and Security Services
North Redington Beach	Lewis, Don	Primary Member	ceofficer@townofnorthredingtonbeach.com	727-391-4848	Code enforcement officer

Pinellas County
Local Mitigation Strategy
2019 Working Group Roster

Agency/Organization	Name	Primary/Alternate Member	E-Mail Address	Phone	Position Title
North Redington Beach	Campbell, Mari	Primary Member	townclerk@townofnorthredingtonbeach.com	727-391-4848	Town Clerk
North Redington Beach	Schmader, Renee	Alternate Member	deputyclerk@townofnorthredingtonbeach.com	727-391-4848	Deputy Town Clerk
Oldsmar	Dauphinais, Marie	Primary Member	mdauphinais@myoldsmar.com	813-749-1122	CFM Director Planning & Redevelopment
Oldsmar	Everitt, Steven	Primary Member	severitt@myoldsmar.com	813-749-1147	CFM Principal Planner
Oldsmar	O'Nale, Dean	Alternate Member	donale@myoldsmar.com	813-749-1200 Work 813-433-3402 Cell	EFO Fire/EMS Chief
PARC	Detweiler, Michelle	Stakeholder	MDetweiler@PARC-FL.org	727-341-6903	Chief Operating Officer
Pasco County	Eppig, Ian	Stakeholder	ieppig@pascocountyfl.net	727-847-8137	Mitigation Coordinator
Pinellas County	Swank, Stacey	Alternate Member	sswank@pinellascounty.org	727-464-7425	Business Development Manager – Marketing & Communications
Pinellas County	Perkins, Cathie	Primary Member	cperkins@co.pinellas.fl.us	727-464-3800	Emergency Management Director
Pinellas County	Shaw, Spencer	Alternate Member	sshaw@pinellascounty.org	727-464-3235	Emergency Management Specialist
Pinellas County	Borries, Joe	Alternate Member	jborries@pinellascounty.org	727-464-3803	EM Operations Manager
Pinellas County	Moore, Chris	Primary Member	cdmoore@pinellascounty.org	727-464-8226	CRA & Resiliency Manager (LMS Chair)
Pinellas County	Vincent, Renea	Alternate Member	rvincent@pinellascounty.org	727-464-8200	Planning Director
Pinellas County	Foster, Lisa	Alternate Member	lfoster@pinellascounty.org	727-464-8962	Floodplain Coordinator
Pinellas County	Doherty, Heather	Alternate Member	hdoherty@co.pinellas.fl.us	727-464-3471	Engineering Service Tech II/CFM
Pinellas County	Bolling, Libby	Alternate Member	lbolling@co.pinellas.fl.us	727-453-3345	Public Information Specialist
Pinellas County	Drexler, Ivy	Alternate Member	idrexler@co.pinellas.fl.us	727-582-2275	Waste Water Treatment Plant Manager
Pinellas County	Ambadi, Smita	Alternate Member	sambadi@co.pinellas.fl.us	727-464-8200	Principal Planner
Pinellas County	Beim, Donna	Alternate Member	dbeim@pinellascounty.org	727-582-2510	Radio Systems Administrator
Pinellas County	Bowman, Rhonda	Alternate Member	rbowman@co.pinellas.fl.us	(727) 453-3406	Professional Engineer 2
Pinellas County Juvenile Welfare Board	Biddleman, Marcie	Stakeholder	mbiddleman@jwbpinellas.org	727-453-5611	Executive Director
Pinellas County Juvenile Welfare Board	Waldron, Shelba	Stakeholder	swaldron@jwbpinellas.org	727-453-5696	Program Consultant

Pinellas County
Local Mitigation Strategy
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Agency/Organization	Name	Primary/Alternate Member	E-Mail Address	Phone	Position Title
Pinellas County Schools	Dluzneski, Dan	Stakeholder	dluzneskid@pcsb.org	727-547-7205	EM Coordinator
Pinellas Park	Ziskal, Ben	Primary Member	bziscal@pinellas-park.com	727-369-5620	Planning & Development Services Director
Pinellas Park	Boisvert, Suzanne	Primary Member	SBoisvert@pinellas-park.com	727-369-5808	Emergency Management Coordinator
Pinellas Park	Brett Schlatterer	Alternate Member	bschlatterer@pinellas-park.com	727-369-5800	Fire Chief
Redington Beach	Clarke, Missy	Primary Member	townclerk@townofredingtonbeach.com	727-391-3875	Town Clerk
Redington Beach	Nieves, Adriana	Alternate Member	deputyclerk@townofredingtonbeach.com	727-391-3875	Deputy Town Clerk
Redington Beach	Cushing, Darin	Primary Member	dcushing@safebuilt.com	727-202-6825	Building Official
Redington Shores	Robinson, Michael	Alternate Member	comdist3@townofredingtonshores.com	727-397-5538	Commissioner Emergency Management
Redington Shores	Andrews, Steven	Primary Member	bldgdept@townofredingtonshores.com	727-397-5538	Building Official
Redington Shores	Palmer, Mary	Alternate Member	townclerk@townofredingtonshores.com	727-397-5538	Town Clerk
Safety Harbor	Stenmark, Marcie	Alternate Member	Mstenmark@cityofsafetyharbor.com	727-724-1555 X 1702	Community Development Director
Safety Harbor	Olivieri, David	Primary Member	DOlivieri@cityofsafetyharbor.com	727-724-1555 X 1302	Building Official
Safety Harbor	Henry, Brandon	Primary Member	bhenry@cityofsafetyharbor.com	727-724-1555 X 1703	Community Planner/GIS Analyst
Seminole	Ely, Mark	Primary Member	mely@myseminole.com	727-398-3108x106	Community Development Director
Seminole	Hockenbury, Jeremy	Primary Member	jhockenbury@myseminole.com	727-397-6383	Public Works Director
Seminole	Rodde, Mike	Alternate Member	mrodde@myseminole.com	727-393-8711	Fire Marshall
Seminole	Dykens, Brad	Alternate Member	bdykens@myseminole.com	727-393-8711 x210	Public Education Officer
South Pasadena	Schwartz, Neal	Primary Member	nschwartz@mysouthpasadena.com	727-871-9339	Building Planning Director
South Pasadena	Mixson, David	Primary Member	firechief@mysouthpasadena.com	727-344-1666	Fire Chief/Emergency Manager
South Pasadena	Dochinez, Ashley	Alternate Member	adochinez@mysouthpasadena.com	727-343-4192	Building Services Coordinator
St. Anthony's Hospital	Nicely, John	Stakeholder	john.nicely@baycare.org	727-825-1128	Director Facillities Management Systems
St. Pete Beach	Cooper, Bruce	Primary Member	b.cooper@stpetebeach.org	727-363-9277	Building Official

Pinellas County
Local Mitigation Strategy
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Agency/Organization	Name	Primary/Alternate Member	E-Mail Address	Phone	Position Title
St. Petersburg	Taylor, Noah	Primary Member	noah.taylor@stpete.org	727-893-7283	Community Rating System Coordinator
St. Petersburg	Boulding, Amber	Primary Member	amber.boulding@stpete.org	727-893-7683	Emergency Management
St. Petersburg	Smith, Logan	Alternate Member	logan.smith@stpete.org		Public Information Officer
St. Petersburg	Keefe, Robyn	Alternate Member	Robyn.Keefe@stpete.org	727-892-5255	Urban Planner II
St. Petersburg	Frey, Carlos	Alternate Member	carlos.frey@stpete.org	727-892-5380	Engineering Manager
St. Petersburg	Breland, Kyla	Alternate Member	kyla.breland@stpete.org	727-892-5200	Emergency Management Specialist
Sunstar	Eells, Brian	Stakeholder	beells@sunstarems.com	727-582-2216	Director of Communications and Emergency Management
SWFWMD	Lloyd Roberts	Stakeholder	Lloyd.Roberts@swfwmd.state.fl.us	352-796-7211 x4545	Senior P.E., Emergency Coordinating Officer
Tampa Bay Regional Planning Council	Cara Woods Serra, AICP, CFM	Stakeholder	cara@tbrpc.org	(727) 570-5151	Comprehnsive Resiliency Planner
Tarpon Springs	Urwiller, Heather	Primary Member	hurwiller@ctsfl.us	727-942-5611	Planning & Zoning Director
Tarpon Springs	Drake, Josh	Alternate Member	jdrake@tsfr.us	727-938-3737	Fire Lieutenant
Tarpon Springs	Kevin Powell, CBO, CFM	Primary Member	kpowell@ctsfl.us	727-942-5604 x 2274	Building Development Director
Tarpon Springs	Young, Scott	Alternate Member	syoung@tsfr.us	727-938-3737	Fire Chief
Tarpon Springs	Araya, Megan	Alternate Member	maraya@ctsfl.us	727-942-5604	Development Services Coordinator
Tarpon Springs	Pat McNeese	Alternate Member	pmcneese@ctsfl.us	727-938-3711, ext. 2255	Principal Planner
Tarpon Springs Housing Authority	Amon, Deb	Stakeholder	deb.amon@tarponhousing.com	727-937-4411 727- 279-2814 FAX	Deputy Executive Director
Treasure Island	Bray, Robert	Primary Member	rbray@mytreasureisland.org	727-547-4575 x 233	City Planner
Treasure Island	McMullen, Brittany	Primary Member	bmcmullen@mytreasureIsland.org	727-547-4575 x 231	Asst. Community Improvement Director
Treasure Island	Cohen, Paula	Alternate Member	pcohen@mytreasureisland.org	727-547-4575 x239	Community Improvement Director
Treasure Island	Koutsoftas, Michelle	Alternate Member	mkoutsoftas@mytreasureisland.org	727-547-4575 ext. 230	Permit Tech
Treasure Island	Mazzei, Neal	Alternate Member	Nmazzei@safebuilt.com	727.202.6825	Building Official
UF/IFAS Extension	Madhosingh-Hector, Ramona	Stakeholder	rmadhosingh-hector@co.pinellas.fl.us	727-582-2656	UF/IFAS Extension Agent, Urban Sustainability

Pinellas County
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Agency/Organization	Name	Primary/Alternate Member	E-Mail Address	Phone	Position Title
UF/IFAS Extension	Carnahan, Libby	Stakeholder	lcarnahan@co.pinellas.fl.us	727-453-6522	Florida Sea Grant Agent
University of South Florida	Day, Robert	Stakeholder	robertday@usf.edu	(813) 974-1484	Emergency Management Coordinator
University of South Florida	Van Asten, Guy	Stakeholder	vanasten@mail.usf.edu	727.873.4216	Safety & Compliance Officer

Pinellas County
Local Mitigation Strategy
2019 Appendix 7, Table 7- 3
Pinellas County (County-wide) Outreach Matrix

Name of Event/Outreach	Description of Event / Outreach	Outreach Method	Target Audience	Target Message	Estimated Population Reached	Date Entered on this Table	Date Last Reviewed	Date Last Updated	Update Comments	Name of Last Reviewer
Cable Television Programming	PCC-TV	Pinellas County Cable TV Interviews	County-wide	Topics vary from Insurance issues, preparedness, securing property, mitigation opportunities	200,000	9/5/2014	1/24/2019	10/25/2017	No updates (PPI, ongoing)	Lisa Foster
County Speakers Bureau	Pinellas County Speakers Bureau (Bank Speakers: Volunteers and County/Municipal Employees)	Area-Specific Meeting (see list)	County-wide	All messages addressed during the year	400	9/5/2014	1/24/2019	11/13/2018	No updates (PPI, ongoing, program currently being implemented)	Lisa Foster
E-LERT	Electronic Emergency Information Newsletter	Newsletter	County-wide	All messages addressed during the year	5,677	9/5/2014	1/24/2019	10/25/2017	No updates (ongoing)	Lisa Foster
Alert Pinellas	Opt-In Alert System (Email, FB, Twitter, Text)	Social Media/ Email	County-wide	Know your risk/ Emergency Communications/ Warning		9/5/2014	1/24/2019	11/13/2018	No updates (ongoing program, name updated since development of this document)	Lisa Foster
Pinellas County Flood Information Website	Web Pages include: Build Smart, Flood Elevation Certificate, Flood Information- FAQ, Floodplain Protection, Flood Mitigation, Flood Insurance, Flood Maps & Zones, Flood Warning System/Notifications/Safety, Flood Resources/ Contacts/Publications	Website	County-wide	All key messages are addressed throughout the year.		10/31/2016	1/24/2019	11/13/2018	Content updated as needed and reviewed annually; links checked monthly	Lisa Foster
Pinellas County Flood Map Service Center	Flood Map Service Center searchable by address includes flood related information including: FEMA FIRM data, Storm surge, evacuation zones, National Wetland Inventory, Current Water Levels, Sea Level Rise, CCCL, County Floodplains	Website	County-wide	All key messages are addressed throughout the year.		10/31/2016	1/24/2019	11/13/2018	Content updated as needed and reviewed annually; links checked monthly	Lisa Foster
Pinellas County Program for Public Information (PPI)	Propram for Public Information: Flood related messages, target audiences, projects, and initiatives	Program	Unincorporated residents, includes some County-wide projects and initiatives	All key messages are addressed throughout the year, before, during and after flood or hurricane events		10/31/2016	1/24/2019	11/13/2018	Three Committee meetings per year, Content updated as needed and reviewed annually.	Lisa Foster
Hurricane Expo	Home Depot-Palm Harbor	Community Event	County-wide	Public Safety Information (ex. Turn Around Don't Drown)	85	8/25/2014	1/24/2019	10/30/2017		Mary Burrell
Pinellas County EM Website	Other Hazard Resources	Website	County-wide	All messages addressed during the year		9/5/2014	1/24/2019	10/30/2017	Revised - Hurricane and flood info are listed as individual topics in the table	Mary Burrell
Pinellas County EM Website	Surviving the Storm	Website	County-wide	All messages addressed during the year		9/5/2014	1/24/2019	10/30/2017	Revised - EM department has multiple pages, which are identified as separate items on this table	Mary Burrell
Pinellas County EM Website	Hurricane Preparedness: Know Your Zone - look up evacuation levels, shelters, current evacuation information, by location	Website	County-wide	Know your risk; Prepare Ahead		9/5/2014	1/24/2019	10/30/2017	Revised description:	Mary Burrell
Pinellas County EM Website	Shelter Options	Website	County-wide	Prepare Ahead; Make your Family/ Business Disaster Plan		9/5/2014	1/24/2019	10/30/2017	Revised description: http://www.pinellascounty.org/emergency/shelteroptions.htm	Mary Burrell
Pinellas County EM Website	FEMA - Federal Emergency Management Agency	Website	County-wide	Insure your property for your hazard(s)		9/5/2014	1/24/2019	10/30/2017		Mary Burrell
Pinellas County EM Website	FEMA for Mobile Phones	Website	County-wide	Make your Family/ Business Disaster Plan		9/5/2014	1/24/2019	10/30/2017		Mary Burrell
Pinellas County EM Website	Hurricane Guide	Website	County-wide	All messages are addressed		9/5/2014	1/24/2019	10/30/2017	Updated guide: http://www.pinellascounty.org/emergency/allhazardguide.htm	Mary Burrell
Pinellas County EM Website	Hurricane Video Library	Website	County-wide	Library includes a host of 15 minutes videos which provide disaster/ safety/mitigation "how-to" instruction		9/5/2014	1/24/2019	10/30/2017	No updates - Current: http://www.pinellascounty.org/emergency/hurricane_videos.html	Mary Burrell

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Pinellas County (County-wide) Outreach Matrix

Name of Event/Outreach	Description of Event / Outreach	Outreach Method	Target Audience	Target Message	Estimated Population Reached	Date Entered on this Table	Date Last Reviewed	Date Last Updated	Update Comments	Name of Last Reviewer
Pinellas County EM Website	Hurricane Publications	Website/ Publications	County-wide	All messages are addressed		9/5/2014	1/24/2019	10/30/2017	No updates - Current: http://www.pinellascounty.org/emergency/publications_links.html	Mary Burrell
Pinellas County EM Website	Public Shelter Options - Host Homes	Website	County-wide	Prepare Ahead; Make your Family/ Business Disaster Plan		9/5/2014	1/24/2019	10/30/2017	Updated: http://www.pinellascounty.org/emergency/hosthomes.htm	Mary Burrell
Pinellas County EM Website	Pet Preparedness	Website	County-wide	Prepare Ahead; Make your Family/ Business Disaster Plan		9/5/2014	1/24/2019	10/30/2017	Updated: http://www.pinellascounty.org/emergency/petpreparedness.htm	Mary Burrell
Pinellas County EM Website	Recovery	Website	County-wide	Public Safety Information (ex. Turn Around Don't Drown)		9/5/2014	1/24/2019	10/30/2017	No updates - Current: http://www.pinellascounty.org/emergency/afterthestorm.htm	Mary Burrell
Pinellas County EM Website	Sandbags	Website	County-wide	Protect your property from the hazard(s)		9/5/2014	1/24/2019	10/30/2017	Updated: http://www.pinellascounty.org/emergency/sandbags.htm	Mary Burrell
Pinellas County EM Website	Transportation - traffic info	Website	County-wide	Prepare Ahead; Make your Family/ Business Disaster Plan		9/5/2014	1/24/2019	10/30/2017	No updates - Current: http://www.pinellascounty.org/emergency/afterthestorm.htm	Mary Burrell
Pinellas County EM Website	Learn about texting during emergencies	Website/ Social Media	County-wide	Emergency Communications/ Warning		9/5/2014	1/24/2019	10/30/2017		Mary Burrell
Pinellas County EM Website	Subscribe to E-news, Emergency News Service	Website/ Social Media/ Email	County-wide	Emergency Communications/ Warning		9/5/2014	1/24/2019	10/30/2017	ongoing	Mary Burrell
Pinellas County Social Media	Social media: Twitter, Facebook, NextDoor	Social Media	County-wide	Emergency Communications/ Warning		9/5/2014	1/24/2019	10/30/2017	http://www.pinellascounty.org/emergency/stayconnected.htm	Mary Burrell
Pinellas County EM Website	Amateur Radio Operator Links	Website	County-wide	Emergency Communications		9/5/2014	1/24/2019	10/30/2017	http://www.pinellascounty.org/emergency/radio/htm	Mary Burrell
Pinellas County EM Website	Weather Links	Website	County-wide	Know your risk		9/5/2014	1/24/2019	10/30/2017	http://www.pinellascounty.org/emergency/weather.htm	Mary Burrell
Media Partnerships	Sharing of data and Interviews including newspaper, television and radio	Interview	County-wide	All key messages are addressed throughout the year.		9/5/2014	1/24/2019	10/30/2017	No updates (ongoing)	Mary Burrell

Pinellas County
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2019 Appendix 7, Table 7-4
Municipal Outreach Matrix

Municipality / Entity	Name of Event/Outreach	Description of Event/Outreach	Outreach Method	Target Audience	Target Message	Estimated Population Reached	Date Entered on this Table	Date Last Reviewed	Date Last Updated	Review Comments	Name of Last Reviewer
Belleair Beach	Hurricane Newsletter	Mailed to all property owners in June 1 of each year	Mailing	All property owners	Protect your property from the hazard(s)	1,560	10/2/2014	1/24/2019	6/1/2018		Lynn Rives
Belleair Beach	Flood and Hurricane Awareness	Brochures are kept in magazine rack located in lobby	For residents coming in to the community center	All property owners	Protect your property from the hazard(s)	several hundred	10/2/2014	1/24/2019	8/16/2016		Lynn Rives
Belleair Beach	Flood Facts Brochure	Mailed to all property owners, Realtors, Mortgage Companies, Financial Institutions and Insurance Companies	Mailing	All property owners, Realtors, Mortgage Companies, Financial Institutions and Insurance Companies.	Flood Information	1,000	8/16/2016	1/24/2019	4/1/2018		Lynn Rives
Belleair Beach	Guide	Pinellas County All Hazards Preparedness Guide	Publication	For residents coming in to the community center and in welcome packets for new residents	Steps to preparedness, storm surge, special needs, evacuation zones, during & after the storm	Several hundred	8/17/2017	1/24/2019			Lynn Rives
Belleair Bluffs	Post Disaster Consumer Tips	Publication	Brochure/ Publication	Municipality	Protect your property from the hazard(s)	2,200	10/2/2014	1/24/2019			Robert David
Belleair Bluffs	Know Where You Grow	Publication	Brochure/ Publication	Municipality	Know your risk	2,200	10/2/2014	1/24/2019			Robert David
Belleair Bluffs	Extreme Weather Info Sheet	Publication	Brochure/ Publication	Municipality	Protect your property from the hazard(s)	2,200	10/2/2014	1/24/2019			Robert David
Belleair Bluffs	Surviving the Storm	Publication	Brochure/ Publication	County-wide	Insure your property for your hazard(s)	2,200	10/2/2014	1/24/2019			Robert David
Belleair Bluffs	Belleair Area Neighborhood	Publication	Newsletter	Municipality	Protect natural functions (floodplain; habitat; etc.)	2,200	10/2/2014	1/24/2019			Robert David
Belleair Bluffs	Belleair Bluffs	Publication	Newsletter	Municipality	Protect natural functions (floodplain; habitat; etc.)	2,200	10/2/2014	1/24/2019			Robert David
Belleair Bluffs	Belleair Bluffs	Publication	Newsletter	Municipality	Protect natural functions (floodplain; habitat; etc.)	2,200	10/2/2014	1/24/2019			Robert David
Belleair Bluffs	Belleair Bluffs	Publication	Newsletter	Municipality	Protect natural functions (floodplain; habitat; etc.)	2,200	10/2/2014	1/24/2019			Robert David
Belleair Bluffs	Belleair Bluffs	Website/Publication	Social Media/ Email	Municipality	Protect your property from the hazard(s)	2,200	10/2/2014	1/24/2019			Robert David
Clearwater	Repetitive Loss Area Letter	Annual letter sent to approximately 1,250 residences in repetitive loss areas	Mailing	Repetitive Loss Area	Evaluating flood protection measures, flood insurance, be prepared, only rain down the drain, buy flood insurance, know your flood zone	3% of residences	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	My Clearwater Magazine – Flood Program article	Annual magazine article – mailed to residences and available at municipal buildings	Mailing	Municipality			10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Handout	Always available in City Hall, municipal building, and library	Handout	Municipality	Know your flood risk, purchase flood insurance, register to receive warnings, Only Rain Down the Drain, get building permits, illegal dumping, make an emergency plan, how sea level rise affects your property	75% of residences	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Extensive Social Media Posts	Frequent posts to several accounts on Facebook (City of Clearwater, Clearwater Police Department, Clearwater Fire and Rescue), Twitter (CLW Public Safety), and Instagram (Clearwater Police, Clearwater Fire Rescue)	Social Media	All residents	Turn around don't drown, make a plan, Only Rain down the drain, prepare for the storm, protect your property	30% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Press release – Secure Chemicals before storm	Annual press release sent out to news agencies	Press release	All residents	Be prepared	10% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Sunshine Line article – Stream Dumping Regulations	Annual article in Sunshine Lines, which is a utility stuffer and included with the bill.	Newsletter article	All residents	Only Rain Down the Drain	100% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Sunshine Lines article – Safe Storage During Storm Season	Annual article in Sunshine Lines, which is a utility stuffer and included with the bill.	Newsletter article	All residents	Be prepared	100% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler

Pinellas County
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Municipal Outreach Matrix

Municipality / Entity	Name of Event/Outreach	Description of Event/Outreach	Outreach Method	Target Audience	Target Message	Estimated Population Reached	Date Entered on this Table	Date Last Reviewed	Date Last Updated	Review Comments	Name of Last Reviewer
Clearwater	Sunshine Lines article – Keep Clearwater Bright and Beautiful	Annual article in Sunshine Lines, which is a utility stuffer and included with the bill.	Newsletter article	All residents	Only Rain Down the Drain	100% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Sunshine Lines article – City Offers Flood Protection Assistance	Annual article in Sunshine Lines, which is a utility stuffer and included with the bill.	Newsletter article	All residents	Protect property from flood damage	100% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Insurance brochure provided by Florida Department of Emergency Management	Two sided brochure always available at City Hall, Municipal Service Building, Main Library, and Fire Station 45.	Brochure	All residents	Purchase flood insurance	5% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Flood Safety brochure provided by Florida Department of Emergency Management	Two sided brochure always available at City Hall, Municipal Service Building, Main Library, and Fire Station 45.	Brochure	All residents	Be prepared, Turn around Don't Drown, Know your Hazard	5% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Flood Mitigation brochure provided by Florida Department of Emergency Management	Two sided brochure always available at City Hall, Municipal Service Building, Main Library, and Fire Station 45.	Brochure	All residents	Protect floodplains and natural areas, protect dunes, Only Rain Down the Drain, Build responsibly	5% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Storm Drain markers	Storm drain markers are on every storm drain in the City. They are replaced as needed.	Sign	All residents	Only Rain Down the Drain	100% of residents	10/4/2016	1/24/2019	12/19/2018		Sarah Kessler
Clearwater	Skycrest Neighborhood Association	Annual Community Meeting	Area-Specific Meeting	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	50	8/26/2014	1/24/2019	12/19/2018		Scott Ehlers
Clearwater	Villas of Sunset Grove	Annual Community Meeting	Area-Specific Meeting	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	50	8/26/2014	1/24/2019	12/19/2018		Scott Ehlers
Clearwater	Monthly EM Meetings	Monthly Emergency Management Meetings	Roundtable/Forum	Municipality	EM Coordination	25	8/26/2014	1/24/2019	12/19/2018		Scott Ehlers
Clearwater	Hurricane Season Information	City Website Information	Website	Municipality	Know your risk	5,000	8/26/2014	1/24/2019	10/4/2016		Scott Ehlers
Clearwater	Surge Level Signs	Clearwater Beach Newsletter	Newsletter	Floodplain Residents	Public Safety Information (ex. Turn Around Don't Drown)	1,000	8/26/2014	1/24/2019	10/4/2016		Scott Ehlers
Clearwater	Floodplain Management Information	City Website Information	Website	Municipality	Know your risk	5,000	8/26/2014	1/24/2019	10/4/2016		Sarah Josuns
Clearwater	Flooding Information	City Website Information	Website	Municipality	Know your risk	5,000	8/26/2014	1/24/2019	10/4/2016		Sarah Josuns
Clearwater	Flood Flyer	Annual mailing to inform about flood hazards	Mailing	Repetitive Loss Properties, Floodplain Residents, Insurance	Know your risk	14,980	8/26/2014	1/24/2019	12/19/2018		Sarah Josuns
Clearwater	Flood Flyer	Annual mailing to inform about protective measures	Mailing	Repetitive Loss Properties, Floodplain Residents, Insurance	Public Safety Information (ex. Turn Around Don't Drown)	14,980	8/26/2014	1/24/2019	12/19/2018		Sarah Josuns
Clearwater	Loss Mitigation	Annual article in Sunshine Lines, which is a utility stuffer and included with the bill.	Mailing	Municipality	Make your Family/ Business Disaster Plan	49,000	8/26/2014	1/24/2019	12/19/2018		Sarah Josuns
Dunedin	Flood Awareness	Insert in Dunedin Beacon	Delivered throughout the Greater Dunedin area	Municipality	Informational	36,000	11/13/2018	1/24/2019	11/13/2018	Mailed June 2018	Joseph DiPasqua
Dunedin	Flood Map Information Services	Postcard	Direct Mailing	Banks, Insurance Companies, Realtors	Know your risk	150	11/13/2018	1/24/2019	11/13/2018	Mailed June 2018	Joseph DiPasqua
Dunedin	Flood Event Preparation	Letter	Direct Mailing	Facilities with flammable/toxic substances storage	Protect your property from the hazard(s)	30	11/13/2018	1/24/2019	11/13/2018	Mailed June 2018	Joseph DiPasqua
Dunedin	Flood Preparation	Letter w/Hazard Disclosure/Flood Insurance Information Enclosure	Direct Mailing	Realtors	Purchase of Flood Insurance	500	11/13/2018	1/24/2019	11/13/2018	Mailed June 2018	Joseph DiPasqua
Dunedin	Repetitive Loss Information	Letter	Direct Mailing	Repetitive Loss Properties	Informational	210	11/13/2018	1/24/2019	11/13/2018	Mailed June 2018	Joseph DiPasqua
Dunedin	Website	Flood Awareness	Website	Municipality	Informational	36,000	11/13/2018	1/24/2019	11/13/2018	On-going	Joseph DiPasqua
Dunedin	Flood Zone Lookup	Internet based information	Website and City ESRI/GIS	Municipality	Know your risk	36,000	11/13/2018	1/24/2019	11/13/2018	On-going	Joseph DiPasqua
Gulfport	Annual Hurricane Seminar	Community venue	Community-wide event and later aired on GTV Channel 615	Municipality	Property and family protection from hazards	14,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Flood Hazard Information Brochure	Brochure insert with utility bills	Brochure/Publication	Municipality	Protect your property from the hazard(s)	11,400	9/10/2014	1/24/2019			Michael Taylor, AICP

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Municipality / Entity	Name of Event/Outreach	Description of Event/Outreach	Outreach Method	Target Audience	Target Message	Estimated Population Reached	Date Entered on this Table	Date Last Reviewed	Date Last Updated	Review Comments	Name of Last Reviewer
Gulfport	Flood Protection Newsletter	Separate mail out to all floodplain properties	Mailing	Floodplain Residents	Protect your property from the hazard(s)	8,400	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Flood Protection Newsletter	Separate mail out to all repetitive loss areas	Mailing	Repetitive Loss Areas	Protect your property from the hazard(s)	200	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Flood Protection Newsletter	Separate mail out to all repetitive loss properties	Mailing	Repetitive Loss Properties	Protect your property from the hazard(s)	30	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Mail out to banks, insurance companies, real estate companies, & contractors located within the City	Letter focusing on available hazard information and City services for mitigation	Mailing	Businesses	Insure your property for your hazard(s)	1,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	GTV Channel 615	Gulfport television station	Hazard protection television programming	Municipality	Hazard mitigation for property and family	14,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Storm surge high water mark signage	6 high water, storm surge markers placed in areas of known flooding throughout the City	Signage	Municipality	Know your risk	14,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Gulfport City Library	Hazard and mitigation reference materials, and FIRMs on-file for review	Books, brochures, information sheets, and FIRMs for patrons to review	Municipality	Property and family protection from hazards	14,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Gulfport website: www.mygulfport.us	Flood and hazard mitigation information	Website	Municipality	Build Responsibly	14,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Surviving The Storm	Distribution of publication in City facilities and Annual Hurricane Seminar	Publication	County-wide	Public Safety Information (ex. Turn Around Don't Drown)	14,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Public Outreach Strategy	City staff and residents participate on a committee focusing on outreach for hazard mitigation	Community Event	Municipality	Build Responsibly	14,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	City staff site visits	City staff will meet with property owners upon request to assist with property hazard mitigation	Area-Specific Meeting	Municipality	Protect your property from the hazard(s)	8,400	9/10/2014	1/24/2019			Michael Taylor, AICP
Gulfport	Annual LMS Report to City Council	City staff presents the annual LMS, floodplain management planning update to City Council	Presentation to Governing Body	Municipality	Comprehensive hazard risk identification and mitigation	14,000	9/10/2014	1/24/2019			Michael Taylor, AICP
Indian Rocks Beach	Brochures in City Hall lobby	Numerous brochures related to flooding, natural benefits of floodplains, stormwater, etc.	Brochures for pick-up by visitors	Entire Community	10 CRS Topics from2013 CRS Manual.		9/2/2014	1/24/2019	10/9/2017		Dean Scharmen
Indian Rocks Beach	Flood-related materials cataloged in IRB Library	Documents, booklets, brochures, etc. available at library	General Outreach	Entire Community	10 documents listed in 2013 CRS Manual and numerous other documents		9/2/2014	1/24/2019	10/9/2017		Dean Scharmen
Indian Rocks Beach	City of Indian Rocks Beach website	Flood information on City website	website	Entire Community	10 CRS Topics from 2013CRS Manual		9/2/2014	1/24/2019	10/9/2017		Dean Scharmen
Indian Rocks Beach	City Newsletter to Repetitive Loss Areas	Information in City Newsletter mailed to properties in repetitive loss areas	Newsletter mailed to every address in IRB	repetitive loss properties identified by FEMA and neighboring properties susceptible to same flood hazards	Property Protection, Flood Hazard, flood safety, financial assistance	4800	9/2/2014	1/24/2019	10/9/2017		Dean Scharmen
Indian Rocks Beach	Bi-monthly Indian Rocks Beach Times newsletter	Flood-related articles	Newsletter mailed to every address in IRB	Entire Community	10 CRS Topics	4,800	9/2/2014	1/24/2019	10/9/2017		Dean Scharmen
Indian Rocks Beach	Belleair Bee Newspaper	Articles	General	Entire Community	Natural functions of floodplains/Build Responsibly	4,800	10/9/2017	1/24/2019			Dean Scharmen
Indian Rocks Beach	Social Media Posts	Social Media	Web	Entire Community	9 Topics (all except Natural Functions of Floodplains)	4,800	10/9/2017	1/24/2019		City and Stakeholder social media posts	Dean Scharmen
Indian Rocks Beach	Rotary Club Presentations	Presentation at Member Meeting	General	Business Community	9 Topics (all except Natural Functions of Floodplains)	50	10/9/2017	1/24/2019			Dean Scharmen
Indian Rocks Beach	Welcome Packet	Brochures in new resident welcome packet	General	Entire Community	10 Topics	30	10/9/2017	1/24/2019			Dean Scharmen
Indian Rocks Beach	Brochures for pickup in Public Services Office	Brochures on display	Informational	Entire Community	10 Topics	50	10/9/2017	1/24/2019			Dean Scharmen

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Indian Shores	Brochures in City Hall	Numerous brochures related to the National Flood Insurance Program[1],	Brochures/ Publications	Walk-in visitors to Town Hall	Preparation and awareness	1,423	9/16/2014	1/24/2019			Michelle Tidwell
Indian Shores	Town of Indian Shores website	2007 - 2008 Winter NFIP, CRS Update, Annual Progress Report 510, 2008 [2]	Website	Indian Shores Residents	Preparation and awareness	1,423	9/16/2014	1/24/2019			Michelle Tidwell
Indian Shores	Hurricane Awareness Party	Guest Speakers: Meteorologist; Brian McClure from Bay News 9 and Pinellas County Emergency Management	Community Event	County-wide	Preparation and awareness	1,423	9/16/2014	1/24/2019			Michelle Tidwell
Indian Shores	Newsletter	Newsletter with flood information twice per year	Newsletter	Indian Shores Residents	Know your risk	2,500	9/16/2014	1/24/2019			Michelle Tidwell
Largo	Imperial Palms Hurricane Preparedness (6/11/14)	Neighborhood meeting to discuss hurricane preparedness	Community Event	Municipality	Risk Assessment/ Preparation and Recovery Planning	100	8/20/2014	1/24/2019	9/19/2016		Doug Swartz
Largo	Preparing Business for disasters and recovery (6/18/14)	Meet with Central Pinellas Chamber of Commerce to discuss steps for businesses to take for planning and preparation as well as recovery.	Roundtable/Forum	Businesses	Make your Family/ Business Disaster Plan	200	8/20/2014	1/24/2019	9/19/2016		Doug Swartz
Largo	HomeBanc Belleair (5/27/14)	Meeting with Business to discuss preparedness	Community Event	Business	Risk Assessment/ Preparation and Recovery Planning	10	10/31/2014	1/24/2019	9/19/2016		Betti Johnson
Largo	Royal Palms Hurricane Preparedness (6/24/14)	Neighborhood meeting to discuss hurricane preparedness	Community Event	Municipality	Risk Assessment/ Preparation and Recovery Planning	250	8/20/2014	1/24/2019	9/19/2016		Doug Swartz
Largo	Palm Hill MHP Hurricane Preparedness (6/18/14)	Neighborhood meeting to discuss hurricane preparedness	Community Event	Municipality	Risk Assessment/ Preparation and Recovery Planning	150	8/20/2014	1/24/2019	9/19/2016		Doug Swartz
Largo	Community Awareness Campaign (ongoing)	Video series links on City web site	Website	Municipality	Risk Assessment/ Preparation and Recovery Planning		8/20/2014	1/24/2019	9/19/2016		Doug Swartz
Largo	BRACE for the Storm (May 6, 2014)	Internet based workshop to provide homeowners with an understanding of how to make their home safe from the next Hurricane and other disaster that threaten Florida residents.	Community Event	Municipality	Protect your property from the hazard(s)	1,600	8/21/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	Annual Flood Mailing	Mail out to properties within the SFHA regarding risks, flood insurance benefits, natural and beneficial floodplains, development permit requirements and City of Largo Flood Zone map.	Mailing	Floodplain Residents	Know your risk	2,200	8/21/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	Largo Fire Open House	Open House to provide homeowners with an understanding of how to make their home safe from the next Hurricane and other disaster that threaten Florida residents.	Community Event	Municipality	Risk Assessment/ Preparation and Recovery Planning	1500	10/31/2014	1/24/2019	9/19/2016		Betti Johnson
Largo	Repetitive Loss Mailing	Mail out to Repetitive Loss properties within City regarding risks, flood insurance benefits, natural and beneficial floodplains, development permit requirements and City of Largo Flood Zone map.	Mailing	Repetitive Loss Properties	Know your risk	7	8/26/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	Central Pinellas Business Showcase	Business-to-Business and Business-to-Consumer Expo. Provided NFIP brochures.	Community Event	Businesses	Insure your property for your hazard(s)	1,500	8/26/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	Emergency Preparedness City of Largo Website	Preparation/Checklists/NHC Videos/Evacuation/Shelters/Pet Safety/Links to other Resources	Website	Municipality	Public Safety Information (ex. Turn Around Don't Drown)		8/26/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	Floodplains: City of Largo Website	Terms & Definitions/Links to Resources/CRS Annual Floodplain Management Plan Update/FEMA link to FIRM's/View Elevation Certificates online	Website	Municipality	Protect your property from the hazard(s)		8/26/2014	1/24/2019	9/19/2016		Johan Hendrickson

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Largo	Guide	2014 Pinellas County Hurricane Guide	Brochure/ Publication	Municipality	All-Hazard Preparedness, Recovery Guide		8/26/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	Flood: Are You Protected From The Next Disaster?	FEMA/NFIP Brochure- Flood Insurance	Brochure/ Publication	Municipality	Insure your property for your hazard(s)		8/27/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	NFIP/CRS Saving: Lives, Property, Money	NFIP/CRS Brochure - What is NFIP, CRS? Community participation and benefits of CRS.	Brochure/ Publication	Municipality	Insure your property for your hazard(s)		8/27/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	Annual Lakes & Ponds Education Day (April 12, 2014)	Workshop for volunteers and citizens interested in the health and management of our water resources, specifically community lakes and stormwater ponds. (67 participants)	Community Event	County-wide	Protect natural functions (floodplain; habitat; etc.)		8/27/2014	1/24/2019	9/19/2016		Johan Hendrickson
Largo	Stress Relievers – Hurricane Recovery Focus (May 20, 2015)	Condo Association Managers Luncheon	Community Event	Condominium Management	Disaster Recovery	20	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	Largo Annual Hurricane Expo (May 28, 2015)	Workshop followed by an ask the experts panel	Live presentation	Largo residents and business owners	Hurricane Preparedness	25 Citizens	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	National Hurricane Week	Educational outreach utilizing Ready.gov	Social Media (Facebook and Twitter)	Citywide	Hurricane Preparedness	Unlimited	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	Emergency Management for Businesses (June 1, 2015)	Information letter sent to all city businesses from EM	Direct Mailing	Largo Business	Emergency Management	4,000	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	Largo V News (2015 Hurricane Season)	Video clips recorded for citizen access on city website	www.largo.com	Citywide	Hurricane Preparedness	Unlimited	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	Hurricane Preparation	Educational outreach	Community presentation	Imperial Palms Residents	Hurricane Preparedness	44	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	Largo Fire Rescue Open House (October 17, 2015)	Informational display staffed by EM professionals. Handouts provided	Community Event	Largo residents	Disaster Preparedness	2,500	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	Largo Small Business event (November 4, 2015)	Informational display staffed by EM professionals. Handouts provided.	Community Event	Largo Businesses	Disaster Plan for Business	20	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	Active Shooter Awareness (December 21, 18 2015)	Information provided and mini tent card for Active Shooter event	City Bulletin (Electronic)	City of Largo Employees	Active Shooter Training	800	9/19/2016	1/24/2019	9/19/2016		David Mixson
Largo	Emergency Management Updates/News and Notice Items (Feb 08, 2016-Sep. 19 2016) Continuously Updated	Educational Outreach via web links infographics, and videos.	www.largo.com	Largo Residents-City Wide		1,606	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Facebook/Twitter outreach (Feb 08, 2016-Sep. 19 2016) Continuously Updated	Educational Outreach via web links, infographics, and videos.	Facebook	County-Wide	El Nino, Zika Awareness, Alert Pinellas, Hurricane Prep, Floods, Heatstroke, National Prep Month	20,949	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Preparation / Public Education (April 17, 2016)	Educational outreach	Community presentation	Ranch MHP	Hurricane Preparedness	45	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Preparation / Public Education (May 6, 2016)	Educational outreach	Community presentation	Imperial Palms Residents	Hurricane Preparedness	50	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Preparation / Public Education (May 10, 2016)	Educational outreach	Community presentation	Teakwood East	Hurricane Preparedness	100	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Largo Annual Hurricane Expo (May 26, 2016)	Educational outreach/Workshop followed by ask the expert panel	Community presentation	Largo Residents and Business Owners-at Largo Public Library	Hurricane Preparedness	50	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Preparation / Public Education (May 27, 2016)	Educational outreach	Community presentation	Pinellas Heights	Hurricane Preparedness	20	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Preparation / Public Education (June 7, 2016)	Educational outreach	Community presentation	Teakwood West	Hurricane Preparedness	80	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Preparation / Public Education (June 18, 2016)	Educational outreach	Community presentation	Oak Crest MHP	Hurricane Preparedness	60	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Preparation / Public Education (June 22, 2016)	Educational outreach	Community presentation	Pelican Place Condos	Hurricane Preparedness	20	9/19/2016	1/24/2019	9/19/2016		Summer Mahr

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Largo	Hurricane Preparation / Public Education (June 30, 2016)	Educational outreach	Community presentation	The Barrington	Hurricane Preparedness	25	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Preparation / Public Education (September 14, 2016)	Educational outreach	Community presentation	Four Seasons	Hurricane Preparedness	40	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Hurricane Door Hanger Project Aug-Present (continuous project)	Educational Door hanger	Canvas of door hangers to residents in different evacuation zones (starting with "A")	City Residents	Hurricane Preparedness	5000	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	Pinellas County All Hazards Guide Distribution	Educational Newspaper Guide	Various Educational Outreach Events and Expos	City Residents	Hurricane Preparedness	800	9/19/2016	1/24/2019	9/19/2016		Summer Mahr
Largo	The Barrington Health and Safety Fair (October 6, 2016)	Distributed All Hazards Guides and hurricane safety information	Community Event	Barrington Residents	Hurricane Preparedness	25	10/24/2017	1/24/2019			Summer Mahr
Largo	Largo Fire Rescue Open House (October 17, 2016)	Pinellas County Emergency Management and Largo Public Education had a table set up distributing Hurricane Preparedness Information	Community Event	Citizens of Largo and nearby municipalities	Hurricane Preparedness-knowing what to do before during and after the storm	600	10/24/2017	1/24/2019			Summer Mahr
Largo	Largo Business Night (November 2, 2016)	Distributed Hurricane Preparedness information as well as FL Get a Plan! Info, for business preparedness plans.	Community Event	City of Largo Business Owners	Hurricane Preparedness for Business Owners	35	10/24/2017	1/24/2019			Summer Mahr
Largo	Veteran's Day Celebration (11/11/16)	Had a safety table set up and distributed hurricane preparedness information	Community Event	Largo Citizens	Hurricane Preparedness	50	10/24/2017	1/24/2019			Summer Mahr
Largo	Largo Police Department Safety Day (11/12/16)	Had a safety table set up and distributed hurricane preparedness information	Community Event	Largo Citizens	Hurricane Preparedness	100	10/24/2017	1/24/2019			Summer Mahr
Largo	Duke Energy Safety Fair (11/17/16)	Had a safety table set up and distributed hurricane preparedness information	Community Event	Duke Energy Employees	Hurricane Preparedness	100	10/24/2017	1/24/2019			Summer Mahr
Largo	Fairway Village Safety Fair (2/21/17)	Had a safety table set up and distributed hurricane preparedness information	Community Event	Fairway Village Residents	Hurricane Preparedness	400	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparation Presentation Teakwood Village East (4/11/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	Teakwood Village East	Hurricane Preparedness	120	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparation Presentation Pinellas Heights (5/18/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	Pinellas Heights	Hurricane Preparedness	25	10/24/2017	1/24/2019			Summer Mahr
Largo	SCC Software Health Fair (5/19/16)	Had a safety table set up and distributed hurricane preparedness information	Community Event	SCC Software Employees	Hurricane Preparedness	200	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparation Presentation Palm Hill North (5/22/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	Palm Hill North	Hurricane Preparedness	80	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparation Presentation Palm Hill South (5/24/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	Palm Hill South	Hurricane Preparedness	60	10/24/2017	1/24/2019			Summer Mahr
Largo	Annual Hurricane Preparedness Event at Largo Public Library (5/26/17)	Educated citizens and business owners on how to prepare before, during and after a hurricane.Guests had the opportunity to visit table vendors as well. Pinellas County Emergency Mangement and State of Florida EM joined the event on the ask the expert panel	Community Presentation	Citizens County Wide-invited to join	Hurricane Preparedness	100	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparation Presentation Imperial Palms Senior Apartments (6/02/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	Imperial Palms Residents	Hurricane Preparedness	50	10/24/2017	1/24/2019			Summer Mahr

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Largo	Hurricane Preparation Presentation Glenwood Estates Mobile Home Park (6/10/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	Glenwood Estates Residents	Hurricane Preparedness	60	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparation Presentation The Barrington ALF (6/28/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	The Barrington Residents	Hurricane Preparedness	30	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparedness Preparation Presentation for Retired Employees of Pinellas County at Applebees on East Bay (7/10/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	Pinellas County Residents	Hurricane Preparedness	30	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparation Presentation El Dorado Village Mobile Home Park (7/11/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	El Dorado Village Residents	Hurricane Preparedness	40	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Preparation Presentation Four Seasons Mobile Home Park (7/19/17)	Educational outreach to give preparedness information for before, during, and after the storm	Community Presentation	Four Seasons Residents	Hurricane Preparedness	60	10/24/2017	1/24/2019			Summer Mahr
Largo	FarmShare Event (7/28/17)	Had a safety table set up and distributed hurricane preparedness information	Community Event	Pinellas County and Largo Residents	Hurricane Preparedness	400	10/24/2017	1/24/2019			Summer Mahr
Largo	After the Storm-Post Irma Hurricane Q and A El Dorado Village Mobile Home Park (9/21/17)	Distributed educational information and resources for post storm assistance. Educated on lessons learned from the storm, safety tips learned during the storm, and post storm analysis discussion.	Community Presentation	El Dorado Village Residents	Hurricane Preparedness-Post Storm Discussion	60	10/24/2017	1/24/2019			Summer Mahr
Largo	Largo Fire Rescue Open House (October 14, 2017)	Pinellas County Emergency Management and Largo Public Education had a table set up distributing Hurricane Preparedness Information	Community Event	Citizens of Largo and nearby municipalities, County-Wide	Hurricane Preparedness-knowing what to do before during and after the storm	1200	10/24/2017	1/24/2019			Summer Mahr
Largo	Facebook/Twitter outreach (Sep 19, 2016-Oct 24 2017) Continuously Updated	Educational Outreach via web links, infographics, and videos.	Facebook, Twitter	Citizens of Largo and nearby municipalities, County-wide	El Nino, Alert Pinellas, Zika, Hurricane Preparedness, Heatstroke, Floods, National Prep Month, Hurricane Irma Updates	Over 20,000	10/24/2017	1/24/2019			Summer Mahr
Largo	Hurricane Door Hanger Project, Aug-Present, (continuous project)	Educational Door hanger	Canvas of door hangers to residents in different evacuation zones (starting with "A")	City Residents	Hurricane Preparedness	5000	10/24/2017	1/24/2019			Summer Mahr
Largo	Pinellas County All Hazards Guide Distribution	Educational Newspaper Guide	Various Educational Outreach Events and Expos	City Residents	Hurricane Preparedness	800	10/24/2017	1/24/2019			Summer Mahr
Largo Fire Rescue	Facebook/Twitter outreach	Educational Outreach via web links, infographics, and videos.	Social Media	Municipality	Hurricane Preparedness, emergency alerts, preparations before, during, and after the storm.	Over 20,000	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	After Hours Business Expo-Chamber of Commerce (3/01/18)	Shared business preparedness information with businesses in regards to making a hurricane and emergency disaster plan	Tabling Event	Business Owners	Hurricane preparedness for business owners and residents	300	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Healthcare and Hazards Hurricane Expo(3/14/18)	Teamed up with PCEM with a safety table to share hurricane preparedness information to healthcare providers and staff.	Tabling Event	Municipality	Hurricane Preparedness	400	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	El Dorado Village MHP Hurricane Prep (3/	Taught residents preparedness steps for before, during, and after the storm	Presentation	El Dorado Village Residents	Hurricane Preparedness	40	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Four Seasons MHP Hurricane Prep	Taught residents preparedness steps for before, during, and after the storm	Presentation	Four Seasons Residents	Hurricane Preparedness	200	12/18/18	1/24/2019			Summer Mahr

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Largo Fire Rescue	Yankee Traveler RV Park	Taught residents preparedness steps for before, during, and after the storm	Presentation	Yankee Traveler RV Park	Hurricane Preparedness	30	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Paradise Island MHP Hurricane Preparedness	Teamed up with Pinellas County EM Ambassador Barry Damaino to teach hurricane preparedness to citizens	Presentation	Paradise Island MHP Residents	Hurricane Preparedness	80	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Belleair Bluffs Hurricane Symposium	Symposium held with several other agencies to give hurricane preparedness information to citizens of Belleair Bluffs and Town of Belleair	Presentation	Belleair Bluffs, Town of Belleair, and Largo Citizens	Hurricane Preparedness	80	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Sound the Alarm Smoke Alarm Campaign	In addition to installing smoke alarms, citizens were left with hurricane preparedness information from the Red Cross	Handouts	Largo Citizens	Hurricane Preparedness	80	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Shady Lane Oaks Hurricane Preparedness	Presentation to MHP residents regarding hurricane preparedness	Presentation	Shady Lane Oaks Residents	Hurricane Preparedness	45	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Imperial Palms Apartments Hurricane Prep	Presentation to apartment senior residents regarding hurricane preparedness. Teamed up with Community Policing Officer Vu Tran to discuss	Presentation	Imperial Palms Residents	Hurricane Preparedness	50	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at Regal Palms	Summer on speakers panel to present hurricane preparedness information to citizens that live throughout the city—this event was not for regal palms residents as they are already part of the facilities preparedness plan	Presentation	Largo Citizens	Hurricane Preparedness	80	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at Pinellas Heights	hurricane preparedness presentation for residents of Pinellas Heights	Presentation	Pinellas Heights residents	Hurricane Preparedness	70	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at Ranchero Village	hurricane preparedness presentation for residents of Ranchero Village MHP	Presentation	Ranchero Village residents	Hurricane Preparedness	70	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at The Barrington	hurricane preparedness presentation for residents of The Barrington	Presentation	Barrington Residents	Hurricane Preparedness	20	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at Lakeview of Largo	hurricane preparedness presentation for residents of Lakeview Largo Condos	Presentation	Lakeview Residents	Hurricane Preparedness	50	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at Indian Rocks Baptist Church	hurricane preparedness presentation for Largo residents and members of the church	Presentation	Largo Citizens	Hurricane Preparedness	60	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at La Plaza MHP	hurricane preparedness presentation for La Plaza MHP residents	Presentation	La Plaza Residents	Hurricane Preparedness	20	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at Lincolnshire MHP	hurricane preparedness presentation for Lincolnshire MHP residents	Presentation	Lincolnshire Residents	Hurricane Preparedness	120	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Hurricane Prep at West Bay Oaks MHP	hurricane preparedness presentation for West Bay Oaks residents	Presentation	West Bay Oaks Residents	Hurricane Preparedness	15	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Anti-Pesto Pest Control Hurricane Prep	Educated staff on hurricane preparedness for home and business	Presentation	Anti Pesto Employees	Hurricane Preparedness	25	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Largo Fire Rescue Annual Hurricane Preparedness Event	Prepared citizens on hurricane safety with a speakers panel and vendor tables	Presentation	Largo Citizens	Hurricane Preparedness	120	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	El Dorado Village MHP Hurricane Prep	Hurricane Preparedness Presentation for Residents-this is a re-visit	Presentation	El Dorado Village Residents	Hurricane Preparedness	10	12/18/18	1/24/2019			Summer Mahr

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Largo Fire Rescue	Hurricane Prep at Greater Ridgecrest Area Youth Development Initiative Center	Hurricane Preparedness Presentation for Residents of the Ridgecrest Community	Presentation	Ridgecrest Residents	Hurricane Preparedness	20	12/18/18	1/24/2019			Summer Mahr
Largo Fire Rescue	Pinellas County All Hazards Guide Distribution	Distribution of guide to citizens of Largo, Belleair Bluffs, and Belleair	All Hazards Guide Handout	Municipality Citizens	All Hazards-with focus on hurricane preparedness	800	12/18/18	1/24/2019			Summer Mahr
Madeira Beach	Annual "Flood Facts" Full Page Ad in Beach Beacon Newspaper	Newspaper Outreach Citywide	Delivered to every home and business in Madeira Beach. Extras in racks around town.	Citywide and rest of Beach Beacon circulation area. Residents and visitors.	Protect your property from the hazard(s)	4,300	9/19/2014	1/24/2019	9/19/2016		Michelle Orton
Madeira Beach	FEMA FMA 2016 Grant Cycle Outreach	Outreach meeting with State DEM to encourage FMA grant applications for Severe and Repetitive Loss Properties.	Delivered to every home and business in Madeira Beach. Extras in racks around town.	Cities of Madeira Beach and Redington Beach - owners of property.	Outreach to encourage and assist owners of vulnerable properties in seeking FMA Grants.	7,500	9/19/2014	1/24/2019	9/19/2016		Michelle Orton
Madeira Beach	The Wave - Newsletter	Quarterly City Newsletter - Various Articles	Delivered to every home and business in Madeira Beach. Extras in racks around town. Posted on City Website. Mailed to seasonal residents upon request.	Citywide - owners of property, residents, visitors.	Varied - CRS, NPDES, Drainage and Stormwater repairs, Flooding Issues, Stormwater Runoff, for example.	4,300	9/19/2014	1/24/2019	9/19/2016		Michelle Orton
Madeira Beach	Letters to owners of properties within repetitive loss areas.	Annual outreach. Education and where to go for more information.	USPS - First Class Mail	Owners of property that is located within areas of high risk of flooding.	Insure your property for your hazard(s)	4,300	9/19/2104	1/24/2019	9/19/2016		Michelle Orton
Madeira Beach	Letters to lenders and insurance agents regarding Madeira Beach and Flood Insurance.	Annual outreach. Educational and where to go for more information.	USPS - First Class Mail	Lenders and Insurance agents letting them know about Madeira Beach's efforts relative to special flood hazard areas.	Insure your property for your hazard(s)	4,300	9/19/2014	1/24/2019	9/19/2016		Michelle Orton
Madeira Beach	Hurricane Workshop by the MB Fire Department	Annual outreach. Education on where to go and what to do during a tropical event.	Posted on City Website, bulletin board and flyers are placed in racks around town.	Owners of property that is located within areas of high risk of flooding.	Flooding issues, emergency preparedness, and evacuation. Access to property after the event.	4,300	10/6/2016	1/24/2019	10/6/2016		Michelle Orton
Madeira Beach	Flyers – A Guide to Flood Mitigation	Informational flyers	Displayed in (5) public locations around town.	All residents in high risk flooding and tourist.	What is Mitigation, Build responsibly and protect Natural Floodplain Resources	4,300	10/6/2016	1/24/2019	10/6/2016		Michelle Orton
Madeira Beach	Flyers – Did you know homeowner's insurance does not cover a flood?	Informational flyers	Displayed in (5) public locations around town	All residents in high risk flooding and tourists.	Did you know homeowner's insurance does not cover a flood? Insure your property against flooding.	4,300	10/6/2016	1/24/2019	10/6/2016		Michelle Orton
Madeira Beach	Flyers – A guide to flood safety.	Informational flyers	Displayed in (5) public locations around town	All residents in high risk flooding and tourists	A guide to flood safety. Know your hazard. Turn around, don't drown. Flood watch vs. flood warning, flood safety tips.	4,300	10/6/2016	1/24/2019	10/6/2016		Michelle Orton
Madeira Beach	Education at local school	Annual outreach. Presenting students with information regarding flooding and natural disasters.	Displayed on schools outside reader board, city website, city reader board, schools website and flyers at the school.	All students in high risk flooding.	Flooding, natural disasters, how to stay safe, Turn around don't drown. How to stay safe and what to do and what not to do during a natural disaster		10/6/2016	1/24/2019	10/6/2016		Michelle Orton
North Redington Beach	NRB News	Annual Newsletter	Mailing	Municipality	Protect your property from the hazard, know your risk, insure your property, public safety information, build responsibility, protect natural functions, make your family/ business disaster plan, hurricane information	1,150	8/20/2014	1/24/2019			Renee Schmader
North Redington Beach	You live in a Special Flood Hazard Area	Annual Flyer	Mailing	Municipality	Protect your property from the hazard, know your risk, insure your property, public safety information, build responsibility, protect natural functions, make your family/ business disaster plan, hurricane information	1,150	8/20/2014	1/24/2019			Renee Schmader

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North Redington Beach	Town Website	Website	Website	Municipality	Protect your property from the hazard, know your risk, insure your property, public safety information, build responsibility, protect natural functions, make your family/ business disaster plan, hurricane information	1,150	8/20/2014	1/24/2019			Renee Schmader
North Redington Beach	After the Flood	Door Flyer	Hand Delivery after a flood event	Municipality	Protect your property from the hazard, know your risk, insure your property, public safety information, build responsibility, protect natural functions, make your family/ business disaster plan, hurricane information.	1,150	8/20/2014	1/24/2019			Renee Schmader
Oldsmar	Building permit brochure with SFHA map	Information for construction within the SFHA	Brochure/Publication	Floodplain Residents	Build Responsibly	8,500	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Surviving the Storm - Pinellas County Hurricane Guide	Hurricane Guide available at City facilities	Brochure/Publication	County-wide	Public Safety Information (ex. Turn Around Don't Drown)	920,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Flood information in Community News	Hurricane Guide printed in newspaper	Brochure/Publication	Residents in North County	Public Safety Information (ex. Turn Around Don't Drown)	50,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Storm Surge Banner	Storm Surge banner hanging in Library	Visible to Library patrons	Municipality	Know your risk	112,335	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Flood information links on website	Links to flood information such as FEMA and Pinellas County	Website	Municipality	Protect your property from the hazard(s)	14,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Flood Zone Map Flyer	Map of the flood zones in the City	Mailing	Floodplain Residents	Know your risk	8,500	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Mandatory Purchase of Insurance Flyer	Information about who is obligated under law to purchase flood insurance	Mailing	Floodplain Residents	Insure your property for your hazard(s)	8,500	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Flood flyers included in utility bill	Flood zone map flyer and mandatory insurance flyer	Mailing	Municipality	Insure your property for your hazard(s)	14,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Code Red notice on utility bills	Service that notifies residents of disaster warnings	Mailing	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	14,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	NOAA Extreme Weather information sheet	Information about extreme weather	Brochure/ Publication	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	14,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Hurricane Season signs on Welcome to Oldsmar signs	Signs placed so motorists know it is hurricane season	Signage	Motorists	Make your Family/ Business Disaster Plan	70,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Hurricane planning sign on City Hall sign	Sign placed for motorists to remind them to get an evacuation plan	Signage	Motorists	Make your Family/ Business Disaster Plan	55,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Hurricane season notice in Oldsmar Community Online News	General hurricane season begins information	Newsletter	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	20,000	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Information distributed through Upper Tampa Bay Chamber of Commerce	Hurricane information given to business owners	Newsletter	Businesses	Make your Family/ Business Disaster Plan	350	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Elevation Certificates on website	All available elevation certificates on website for download	Website	Floodplain Residents	Build Responsibly	8,500	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Letter sent to all lenders in City	Flood zone map flyer and mandatory insurance flyer included	Mailing	Lending	Know your risk	8	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Letter sent to all real estate agents in City	Flood zone map flyer and mandatory insurance flyer included	Mailing	Real Estate Agents	Know your risk	42	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Letter sent to all insurance companies doing business in the City	Flood zone map flyer and mandatory insurance flyer included	Mailing	Insurance	Insure your property for your hazard(s)	200	10/16/2014	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Citizens Academy	Floodplain presentation to students participating in Citizens Academy	In-person	City Residents	Know your risk	23	10/31/2016	1/24/2019	12/15/2017		Steven Everitt
Oldsmar	Citizens Academy	Floodplain presentation to students participating in Citizens Academy	In-person	City Residents	Know your risk	23	10/31/2016	1/24/2019	12/15/2017		Steven Everitt

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Pinellas Park	Country in the Park	Annual Music Festival and Business Exposition. City distributes about 2,200 floodplain and emergency management marketing pieces and brochures annually at this event.	Community Event	County-wide	Hurricane, Storm, and Emergency Preparedness; Protect your family and property from the hazard(s) and to consider insurance	9000	3/15/2014	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	FloodWatch Brochure	Annual city-wide outreach to ALL businesses and residences in the community by placing and delivering 20,000 inserts into the Pinellas Park Beacon AND placement in newsstands. Done in cooperation with the local newspaper the delivery of a 4 page newspaper insert with color evacuation map.	Delivery of a 4 page newspaper insert with color evacuation map.	Municipality	Target message is flood, storm surge, hurricane, and pollution of waterways (illegal dumping of trash and chemicals) and to consider flood insurance.	City Population is 52,713	5/1/2014	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Special Flood Hazard Area Mailing	Mailing of a letter and a Tip Sheet regarding living within a SFHA	Mailing	Special Flood Hazard Area Residents	Know your hazard (flood) and to consider insurance	283	6/1/2014	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Repetitive Loss Area Mailing	Mailing of a letter and a Tip Sheet regarding living within a RLA	Mailing	Repetitive Loss Areas	Know your hazard (flood) and to consider insurance	283	6/1/2014	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Flood Hazards and Property Protection	Information for residents: Elevation certificates, flood insurance, CRS, FIRM, Mandatory insurance purchase, insurance overview	City of Pinellas Park Website with links	Municipality	Insure and protect your property from flood hazards	Approximately 500,000 hits annually to city website and department pages.	8/14/2014	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Stormwater Runoff: Only Rain Down the Drain	Link to Pinellas County Environmental Management - preventing storm water pollutants, protecting storm drains, storm placard information	City of Pinellas Park Website-links to Pinellas County	Municipality	Protect natural functions (floodplain; habitat; etc.)	Approximately 500,000 hits annually to city website and department pages.	8/14/2014	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	City of Pinellas Park Website - Emergency Management	City of Pinellas Park Emergency Management with links to county, state, and federal emergency management websites	City of Pinellas Park Website	County-wide	Emergency preparedness and public safety information	Approximately 500,000 hits annually to city website and department pages.	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Storm Hazards: Hurricanes and Tropical Storms, Thunderstorms & Lightning, Tornadoes	City of Pinellas Park Website	City of Pinellas Park Website	Municipality	Know your risk and how to prepare	Approximately 500,000 hits annually to city website and department pages.	8/14/2014	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Pinellas Park Home Depot Home Preparedness Event	One of the Home Depot periodic educational events to bring first responders and citizens together. City Emergency Management, Fire, Police and others such as American Red Cross had booths and demonstrations. . Children's workshop, booth with handouts, and laptop with links to emergency topics.	Community Event: Children's Workshop. Booth with handouts and laptop with links to Emergency Topics	General public	Protect your property from the hazard(s), storm preparedness and evacuation plan(s)	250 attendees	10/3/2016	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	National Hurricane Preparedness Week Campaign (annual)	Media campaign, daily posts on Facebook, Nextdoor, and City website, Chamber of Commerce Meetings and brochure distribution	Municipality; Business Event	Municipality, Pinellas Park Business Owners/Chamber Members	City website experiences about 500,000 hits annually, 100 flyers/brochures were distributed to Chamber members	100 members in attendance	10/3/2016	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Presentation to Clearwater Cascade MHP, Mainlands #1, 5, & 6	43444	Presentation by City Staff to mobile home residents	Mobile Home Park Residents	Mitigation Project Discussion and hurricane preparedness	350 attendees	10/3/2016	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Emergency Preparation for Businesses	City of Pinellas Park website promotes Florida Department of Economic Opportunity (DEO) website - FloridaDisaster.biz -The	City of Pinellas Park website with links	Commercial and Industrial Businesses	Information to help Florida businesses prepare for and recover from hurricanes and other disasters.	Approximately 500,000 hits annually to city website and department pages.	10/3/2016	1/24/2019	12/10/2018	S. Boisvert	

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Pinellas Park	National Night Out Event (Annual)	Annual event to bring first responders and citizens together. Emergency Management and City Planning promoting Know Your Zone, Alert Pinellas, floodplain management; 200+ FloodWatch brochures and information on emergency preparedness.	Community Event	Municipality	Protect your property from the hazard(s), storm preparedness,evacuation plan(s), and emergency notification.	City population is about 52,713	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	National Hurricane Preparedness Week Campaign	Media Campaign, daily posts on Facebook, NextDoor, and City Website, Chamber of Commerce meeting brochure distribution	Municipality, local businesses	City-wide	Hurricane preparation	City website experiences about 440,062 hits annually, 100 Chamber of Commerce members present	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	National Hurricane Preparedness Week Proclamation and Storm Ready Certification Presentation	Presentation by City staff in front of televised City Council on hurricane preparedness and storm safety	Presentation by City Staff to municipality	Municipality	Hurricane Preparedness and Storm Safety	City population is 52,713	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Quarterly Municipal Emergency Management Coordinators' Meeting	Presentation and discussion of local emergency management topics, best practices, and recommendations for improvements.	Attendance at quarterly meetings	City and Fire District, emergency management coordinators in Pinellas County	Storm Preparation and Safety	50 persons	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Storm Preparation and Safety Event-Community Outreach	Handouts on disaster preparedness, information provided on Know Your Zone and Alert Pinellas.	Outdoor Event at Praise Cathedral Church	City-wide	Storm Preparation and Safety	500 persons	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	4th of July Event, Kenneth City Parade and Park	Discussion and handouts of emergency management brochures	Attendance at 4th of July Festival	County-wide	Storm Preparation and Safety	10,000 persons	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Sacred Heart School Tornado Preparedness Presentation	Presentation by City Emergency Management to the staff at Sacred Heart School	Presentation by City Emergency Management to staff at Sacred Heart School	School Staff	Tornado Preparedness	10 persons	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Severe Weather Awareness Week Campaign	Media Campaign, daily posts on Facebook, NextDoor, and City Website	Municipality	City-wide	Severe Weather Awareness and Safety	City website experiences about 500,000 hits annually	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Storm Preparedness, St. Giles 2	Presentation by City Emergency Management to the residents of St. Giles 2 on hurricane preparedness	Presentation by City Emergency Management to St. Giles 2 residents	Residents of St. Giles 2	Hurricane Preparedness	25 persons	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Storm Preparedness, St. Giles Manor	Presentation by City Emergency Management to the residents of St. Giles Manor on hurricane preparedness	Presentation by City Emergency Management to St. Giles Manor residents	Residents of St. Giles Manor	Hurricane Preparedness	20 persons	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	St. Petersburg College Job Fair	Emergency Management discussed storm preparedness with and handed out flashlight fobs to job seekers.	Attendance at Job Fair	Job Seekers	Storm Preparation and Safety	200 persons	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Hurricane Preparedness Table- Top Exercise (Annual)	Hurricane preparedness, response and recovery exercise	Table Top Discussion	City Departments	Hurricane Preparedness for the City	50 persons	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Tornado Drill (Annual)	City Staff participates in the Statewide Tornado Drill	Tornado Drill Exercise	City Departments	Tornado Preparedness	534 employees	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Hurricane Preparedness Month (May)	Annual hurricane preparedness postcard mailed to city utility customers	Mailing	Municipality	Hurricane Preparedness	35,000 residents	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Social media outreach (Facebook, Twitter, Nextdoor) - ongoing	Posts to city and fire department social media sites: Facebook, Twitter and Nextdoor	Social Media	Municipality and county-wide	Communication about road closures, flooding, storm updates, evacuation information, etc.		10/16/2017	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Fire Department Open House (annual event)	Pinellas Park EM and Pinellas County EM operate FDEM "Kids Get A Plan" interactive display, promote Know Your Zone, Alert Pinellas, etc.	Community Event	City of Pinellas Park and surrounding communites	Information on evacuation zones, emergency notification, storm preparedness, recovery, and mitigation.	Approximately 1,000 attendees	10/16/2017	1/24/2019	12/10/2018	S. Boisvert	

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Pinellas Park	National Preparedness Month Campaign (9/1/18-9/30/18)	Daily social media posts on Facebook for month of September	Fire Department and City facebook pages.	Pinellas Park citizens, surrounding communities, county-wide.	Topics: make a plan, check your insurance, save for emergencies, learn life saving skills, etc.	15000	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Pinellas County All Hazards Guide Distribution (annually throughout hurricane season)	Newspaper type guide to all hazard preparedness and recovery	Available in city buildings and distributed at community events.	Municipality	All hazards preparedness and recovery information	20000	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Severe Weather Awareness Week Campaign(1/22/18-1/26/18	Week-long Social media campaign (Facebook, Nextdoor) on severe weather awareness	Facebook and Nextdoor	Pinellas Park citizens, surrounding communities, county-wide.	Prepare for non-tropical severe weather such as tornadoes and thunderstorms.	15000	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Tornado Drill (1/24/18)	City Staff participates in the Statewide Tornado Drill	Tornado Drill Exercise	City Departments	Tornado Preparedness	534 employees	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Country in the Park (3/17/18)	Music Festival and Business Expo. City distributes over 2,000 floodplain brochures, and promotes hurricane season preparations.	Community Event	County-wide	Hurricane, Storm, and Emergency Preparedness; Protect your family and property from the hazard(s) and to consider insurance	12000	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Pinebrook Park Event (5/5/18)	Promoting AlertPinellas and Know Your zone to neighborhood residents	Community Event	Residents or Pinebrook Park neighborhood	Hurricane Season Preparedness	300	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Smoke Alarm Sweep with American Red Cross (5/12/18)	Neighborhood smoke alarm install with fire safety and hurricane preparedness outreach	Community Event	Residents of Mainlands 3 Community	Fire Safety and Hurricane Safety	400 Residents	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Storm Prep/Boy Scouts (6/5/18)	Educational Outreach	Community Presentation	Members of Boy Scout Trooop 337	Emergency preparedness and public safety information	20	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Storm Prep /Public Education (6/12/18)	Educational Outreach	Community Presentation	Residents of Mainlands Unit 1	Hurricane/Tropical Storm Preparedness	30	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Hurricane Expo at Big Storm Brewery (6/16/18)	Educational Outreach	Community Event	Citizens of Pinellas Park and surrounding communites	Hurricane preparedness before, during, after storm.	200	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Storm Prep /Public Education (6/12/18)	Educational Outreach	Community Presentation	Residents of St. Giles and St. Giles Manor	Hurricane/Tropical Storm Preparedness	50	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Employee Storm Preparedness (ongoing)	Review storm prep/response procedures with new employees	Presentation	New employees	Storm preparedness, response, recovery responsibilities	2016-2018: 273 (Average 73 per year)	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Hurricane Expo at Home Depot (7/21/18)	Community Outreach-CPR demo, AlertPinellas and Know Your Zone education	Community Event	County-wide / General Public	Emergency preparedness and public safety information	100	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	Disaster Preparedness Month (9/1/18-9/30/18)	Social Media Campaign promoting disaster preparedness	Preparedness topics posted on Facebook and Nextdoor and links to ready.gov.	County-wide / General Public	Various topics from ready.gov on disaster preparedness.	15,000 likes on FB; 3900 registered users on Nextdoor	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	FEMA Flood Risk Open House (9/26/18)	Open house for residents to learn about flood risk.	Community Event with Pinellas County	County-wide	Learn how to protect yourself and property from flood risk.	750	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	National Night Out Event (10/2/18)	Emergency Management and City Planning promoting Know Your Zone, Alert Pinellas, floodplain management; 200+ FloodWatch brochures and information on emergency preparedness.	Community Event	Municipality	Protect your property from the hazard(s), storm preparedness,evacuation plan(s), and emergency notification.	300	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Pinellas Park	PPFD Open House (10/6/18)	Pinellas Park EM and Pinellas County EM operate FDEM "Kids Get A Plan" interactive display, promote Know Your Zone, Alert Pinellas, etc.	Community Event	City of Pinellas Park and surrounding communites	Information on evacuation zones, emergency notification, storm preparedness, recovery, and mitigation.	1500	12/10/2018	1/24/2019	12/10/2018	S. Boisvert	
Redington Beach	Quarterly Newsletter	Workshops	Town Website / Newsletter	Residents	Protect your property from the hazard(s)	1,427 - per 2010 census	14th August 2014	1/24/2019	8/19/2016		Andrea Gamble
Redington Shores	Town of Redington Shores Hurricane preparedness video conference	Video broadcast with community	Webinar/E-Town Hall Meeting	Floodplain Residents	Make your Family/ Business Disaster Plan	2,500	8.25/2014	1/24/2019	8/30/2016		Brad Dykens
Redington Shores	Annual Newsletter	Newsletter with flood info 2X per year	Distributed by local paper to all residents	Town residents	What Town residents should know about flood ins. & safety	2,200	8/25/2014	1/24/2019	8/30/2016		Traci Cain

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Redington Shores	Repetitive loss letters	Letters to all property owners in flood area (twice a year)	Individual mailings	residents in areas where floods occurred	Contact town with mitigation or grant requests	600	8/25/2014	1/24/2019	8/30/2016		Steve Andrews
Redington Shores	Hurricane Table	Table of over 50 informative Brochures	Table set up in lobby during Hurricane season	Anyone who enters town hall	Preparation for, awareness of, mitigation, insurance for flood events	1,000	8/25/2014	1/24/2019	8/30/2016		Steve Andrews
Redington Shores	Letters to Realtors, Insurance agents	Letter and insert informing local realtors and insurance agents about town's help	Individual mailings to local agents, realtors	clients of these realtors & agents	Town's assistance available to new clients or buyers	unknown	8/25/2014	1/24/2019	8/30/2016		Steve Andrews
Redington Shores	Revising Website Flood Pages	Website Flood Info: "Brace for the Storm"	Link to "Brace for the Storm" Workshop by City of Largo	any interested residents	Preparation for hurricanes	unknown	8/25/2014	1/24/2019	8/30/2016		Steve Andrews
Redington Shores	Town Hall Flood/Hurricane Preparation Table	During Hurricane Season, a table is set in our lobby offering guides, brochures, fliers, etc.....	List of Publications at Local Library	Residents, interested parties	Various pub. for mitigation, facts, grants, etc.	unknown	8/25/2014	1/24/2019	8/30/2016		Steve Andrews
Redington Shores	Program for Public Information (PPI)	Six meetings to create an Outreach Program	Multi-Media	Municipality	All Subjects Multi-Hazard (ex. Turn around Don't Drown)	5,000	8/30/2016	1/24/2019	8/30/2016		Steve Andrews
Safety Harbor	Hurricane Evacuation Zone Map	GIS Map	Website	Municipality	Make your Family/ Business Disaster Plan	17,200	8/28/2014	1/24/2019	12/19/2018		Brandon Henry
Safety Harbor	Quarterly newsletter	Outreach to residents	Newsletter	Municipality	Protect your property from the hazard(s)	17,200	8/28/2014	1/24/2019	10/21/2016		Brandon Henry
Safety Harbor	Flood Zone Map	GIS Map	Website	Municipality	Protect natural functions (floodplain; habitat; etc.)	17,200	8/28/2014	1/24/2019	12/19/2018		Brandon Henry
Seminole	Hurricane EXPO 6.7.14	Large venue Community Exposition	Community Event	County-wide	Be prepared, informed and take appropriate actions	2,000	8/25/2014	1/24/2019			Brad Dykens
Seminole	Home Depot Seminole Be Prepared 3.13.14	Large venue Community Exposition	Community Event	Municipality	Make your Family/ Business Disaster Plan	500	8/25/2014	1/24/2019			Brad Dykens
Seminole	Hurricane preparedness 5.29.14	Large group Presentation and table display	Area-Specific Meeting	Hurricane Vulnerable Seniors	Make your Family/ Business Disaster Plan	100	8/25/2014	1/24/2019			Brad Dykens
Seminole	Redington Shores Hurricane preparedness discussion 5.29.14	Large group Presentation and discussion video conference with community	Webinar/E-Town Hall Meeting	Municipality	Make your Family/ Business Disaster Plan	2,500	8/25/2014	1/24/2019			Brad Dykens
Seminole	Neighborly Senior Center 6.16.14	Group presentation	Area-Specific Meeting	Hurricane Vulnerable Seniors	Make your Family/ Business Disaster Plan	50	8/25/2014	1/24/2019			Brad Dykens
Seminole	Heritage Presbyterian Village 6.17.14	Group Presentation	Area-Specific Meeting	Hurricane Vulnerable Seniors	Make your Family/ Business Disaster Plan	200	8/25/2014	1/24/2019			Brad Dykens
Seminole	Seminole ELKS 8.17.14	Group Presentation	Area-Specific Meeting	Floodplain Residents	Make your Family/ Business Disaster Plan	300	8/25/2014	1/24/2019			Brad Dykens
South Pasadena	Hurricane Presentation	Presentation to residents of large apartment complex – Bay Island Condominiums	Area-Specific Meeting on Hurricane Preparedness	Board members	Evacuation Planning	10	12/11/2018	1/24/2019	12/11/2018	New Entry	David Mixson
South Pasadena	Fire Station Open House	Informational Table staffed by PCEM. Know Your Zone and Disaster Preparedness.	Information and Print	Municipal Residents and Business Owners	All Hazards EM Guide, Know Your Zone, Evacuation Planning	250	12/11/2018	1/24/2019	12/11/2018	New Entry	David Mixson
South Pasadena	Mass Casualty Drill	Palms of Pasadena Hospital Mass Casualty Drill	Exercise	Hsopital Staff	Mass Casualty Exercise	50	12/11/2018	1/24/2019	12/11/2018	New Entry	David Mixson
South Pasadena	Hurricane Presentation	Presentation to residents of large mobile home complex – Causeway Village Clubhouse	Area-Specific Meeting on Hurricane Preparedness	Hurricane Vulnerable Residents	Make your Family/ Business Disaster Plan	35	12/11/2018	1/24/2019	12/11/2018	New Entry	David Mixson
South Pasadena	Hurricane Presentation	Presentation to residents of large apartment complex – Bay Island Condominiums	Area-Specific Meeting on Hurricane Preparedness	Hurricane Vulnerable Residents	Make your Family/ Business Disaster Plan	65	12/11/2018	1/24/2019	12/11/2018	New Entry	David Mixson
South Pasadena	Hurricane Presentation	Presentation to residents of large apartment complex – Chateau Towers Condominiums	Area-Specific Meeting on Hurricane Preparedness	Hurricane Vulnerable Residents	Make your Family/ Business Disaster Plan	30	12/11/2018	1/24/2019	12/11/2018	New Entry	David Mixson
South Pasadena	Hurricane Presentation	Presentation to residents of large apartment complex – Lutheran Residences	Area-Specific Meeting on Hurricane Preparedness	Hurricane Vulnerable Residents	Make your Family/ Business Disaster Plan	40	12/11/2018	1/24/2019	12/11/2018	New Entry	David Mixson
St. Pete Beach	Repetitive Loss Areas	Letter	Direct Mailing	Properties located within 13 different repetitive loss areas	General information about grants, flood insurance.	269	10/3/2016	1/24/2019	10/3/2017		Bruce Cooper

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St. Pete Beach	Flood Awareness	Website	Website	Municipality	General information regarding all aspects of Flood Protection and contacts	10,000	10/3/2016	1/24/2019	10/3/2017		Bruce Cooper
St. Pete Beach	St Pete Beach is Subject to Flooding	Paradise News Insert	Direct Mailing	Municipality	Assistance available, Flood Insurance Rate Maps, Safety Measures, Preparation before the storm, Warning Systems, etc.	10,000	10/3/2016	1/24/2019	10/3/2017		Bruce Cooper
St. Pete Beach	Lenders, Insurance and Real Estate Agents	Letter	Direct Mailing	Agents	Grant information, Historic Flood Information, Flood Protection	30	10/3/2016	1/24/2019	10/3/2017		Bruce Cooper
St. Petersburg	Flood Brochure	Sent to all residents in Utility bill	Brochure/Publication	Municipality	Know your risk	91,142	8/18/2014	1/24/2019	9/26/2016		Noah Taylor
St. Petersburg	Flood Brochure	Residents in SFHA	Brochure/Publication	Municipality	Know your risk	46,474	8/18/2014	1/24/2019	9/26/2016		Noah Taylor
St. Petersburg	Website		Website	Municipality	Know your risk	6,555	8/18/2014	1/24/2019	9/26/2016		Noah Taylor
St. Petersburg	Guide	Retrofitting from Flooding	Brochure/Publication	Contractors	Build Responsibly	1	8/18/2014	1/24/2019	9/26/2016		Noah Taylor
St. Petersburg	Guide	Protecting Your Home from Flood Damage	Brochure/Publication	Municipality	Protect your property from the hazard(s)	1	8/18/2014	1/24/2019	9/26/2016		Noah Taylor
St. Petersburg	Guide	Federal Disaster Assistance and National Flood Insurance	Brochure/Publication	Municipality	Insure your property for your hazard(s)	1	8/18/2014	1/24/2019	9/26/2016		Noah Taylor
St. Petersburg	Guide	Emergency Preparedness Guide	Brochure/Publication	Municipality	Know your risk	250	8/18/2014	1/24/2019	9/26/2016		Noah Taylor
St. Petersburg	Hurricane Preparedness Public Education	Hurricane preparedness education provided to neighborhood/ homeowner associations.	In-person Presentation	Residents – Homeowners associations	Be prepared for a hurricane and/or flood event.	300	9/15/2016	1/24/2019	9/15/2016		Amber Boulding
St. Petersburg	Hurricane Preparedness Public Education	Hurricane preparedness education provided to churches	In-person Presentation	Residents – faith-based organizations	Be prepared for a hurricane and/or flood event.	300	9/15/2016	1/24/2019	9/15/2016		Amber Boulding
St. Petersburg	Hurricane Preparedness Public Education	Hurricane preparedness education provided to school groups	Seminar/Classroom Instruction	Students (grade school and college)	Be prepared for a hurricane and/or flood event.	150	9/15/2016	1/24/2019	9/15/2016		Amber Boulding
St. Petersburg	EM Business Education Program	Disaster Preparedness for Small Businesses – offered quarterly	Seminar/Classroom Instruction	Businesses	Make your Business Disaster Plan	100	9/15/2016	1/24/2019	9/15/2016		Amber Boulding
St. Petersburg	Emergency Management Fair	City of St. Petersburg Emergency Management Disaster Preparedness	In-person Presentation	Residents, Students	Emergency Management activities (preparedness, mitigation, and response) in the City of St. Petersburg	150	9/15/2016	1/24/2019	9/15/2016		Amber Boulding
St. Petersburg	Evacuation Program for Residents	WRXB radio interview to go over evacuation and preparedness plans for South St. Pete residents	Radio Interview	Residents	How to be prepared and successfully evacuate if ordered.	2000	9/15/2016	1/24/2019	9/15/2016		Amber Boulding
St. Petersburg	Executive/Policy Group ICS Training	Provide high level NIMS/ICS training to City Leaders	Seminar/Classroom Instruction	Staff	How to manage an emergency at the executive/policy group level	30	9/15/2016	1/24/2019	9/15/2016		Amber Boulding
Tarpon Springs	Notice to Repetitive Loss Properties	Direct mail annually	Mailing	Repetitive Loss Properties	Know your risk	124	10/10/2014	1/24/2019	9/10/2018		Megan Araya
Tarpon Springs	Publication Distribution	Surviving the Storm Publication	Publication, Website	Municipality	Know your risk	20,000	10/10/2014	1/24/2019	9/10/2018		Megan Araya
Tarpon Springs	Hurricane Preparedness	Presentation to Board of Commissioners	Presentation to Governing Body, Website, Facebook	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	25,000	10/10/2014	1/24/2019	9/10/2018		Scott Young
Tarpon Springs	Hurricane Preparedness	Emergency Management Plan	Presentation to Governing Body	Municipality	Protect your property from the hazard(s)	15,000	10/10/2014	1/24/2019	9/10/2018		Scott Young
Tarpon Springs	Hurricane Preparedness	Handout	Brochure, Publication, Website	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	2,500	10/10/2014	1/24/2019	9/10/2018		Megan Araya
Tarpon Springs	Pinellas County Emergency Management	Website	Website	County-wide	Other (Please enter TARGET MESSAGE directly into cell)	949,827	10/10/2014	1/24/2019	9/10/2018		Megan Araya
Tarpon Springs	First Call	Program to contact residents for any type of emergency via cell phone, landline, text and email	Website	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	20,000	10/10/2014	1/24/2019	9/10/2018		Megan Araya
Tarpon Springs	Emergency Preparedness	Adoption of LMS update: Presentation to Governing Body	Presentation to Governing Body Website	Municipality	LMS Update	1,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Heather Urwiller

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Tarpon Springs	Emergency Preparedness	Handout	Brochure / Publication	Municipality	Flood Preparation and Safety	5,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Hurricane Preparedness	Handout	Brochure / Publication	Municipality	Coping with a Flood-Before, During and After	5,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Flood Insurance Information	Handout	Brochure / Publication	Municipality	Why You Need Flood Insurance	5,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Flood Insurance Information	Handout	Brochure / Publication	Municipality	National Flood Insurance Program Nothing Could Dampen the Joy of Home Ownership...	5,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Emergency Preparedness	Handout	Brochure / Publication	Municipality	Who is at Risk for Flooding?	5,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Emergency Preparedness	Handout	Brochure / Publication	Municipality	Flood: Are You Protected from the Next Disaster?	5,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Flood Insurance Information	Handout	Brochure / Publication	Municipality	National Flood Insurance Program: How the NFIP Works	5,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Flood Insurance Information	Handout	Brochure / Publication	Municipality	National Flood Insurance Program: Mandatory Purchase of Flood Insurance Guidelines	5,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Hurricane Preparedness	Handout	Brochure / Publication	Municipality	Be Prepared Checklist	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Hurricane Preparedness	Website	Website	Municipality	Know Your Evacuation Zone, Pinellas County	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Hurricane Preparedness	Website	Website	Municipality	Storm Preparation for Debris Removal	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Hurricane Preparedness	Website	Brochure	Municipality	Hurricane Services for Elderly and Special Needs Residents	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Emergency Preparedness	Website	Publication	Municipality	Survival Kit Checklist	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Emergency Preparedness	Link to website on Emergency Management Page	Website	Municipality	Pinellas County Emergency Management	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Emergency Preparedness	Link to website on Emergency Management Page	Website	Municipality	Florida Department of Emergency Management	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Emergency Preparedness	Link to website on Emergency Management Page	Website	Municipality	Federal Emergency Management Agency	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Flood Insurance Information	Link to website on Emergency Management Page	Brochure / Publication	Municipality	National Flood Insurance Program	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Hurricane Preparedness	Link to website on Emergency Management Page	Website	Municipality	National Hurricane Center	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya

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Tarpon Springs	Emergency Preparedness	Link to website on Emergency Management Page	Website	Municipality	Tampa Bay Regional Planning Council Emergency Management	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Touch A Truck Event	City event, education on flood zones, evacuation maps, building code	Brochures, Website, Facebook, Twitter	Municipality	FEMA information for residents, building code question availability, evacuation map and flood zone info request availability	25,279	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	
Tarpon Springs	Hurricane Preparedness	Handout	Publication, Website, Facebook, Twitter	Municipality	Storm Savvy	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Twitter	Tweets	Social Media	Municipality	Communication about road closures, flooding, storm updates, evacuation information	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Facebook	Posts to City of Tarpon Springs Facebook public page	Social Media	Municipality	Communication about road closures, flooding, storm updates, evacuation information	20,000	10/19/2016	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Flood Insurance Information	Handout	Brochure / Publication	Municipality	NFIP FloodSmart.gov Know Your Risk	20,000	9/7/2017	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Tarpon Springs	Flood Insurance Information	Handout	Brochure / Publication	Municipality	NFIP Non-Engineered Opening Guide	20,000	9/7/2017	1/24/2019	9/10/2018	Annual Hurricane Outreach	Megan Araya
Treasure Island	Flood Facts	1 page advertisement in the Beach Beacon	Weekly Newspaper	N. Redington Beach, Redington Shores, Redi	Know your risk; protect your property from l	25,279	8/18/2017	1/24/2019	10/31/2017	Printed in the B	R.G. Bray, Jr.
Treasure Island	FEMA's 50% Rule & How It May Affect Your Property	Handout	Brochure/Publication	Municipality	Build Responsibly	6,782	8/18/2014	1/24/2019	10/15/2017		R.G. Bray, Jr.
Treasure Island	Preparing Your Home Before Disasters Strike	Handout	Brochure/Publication	Municipality	Protect your property from the hazard(s)	6,782	8/18/2014	1/24/2019	10/15/2017		R.G. Bray, Jr.
Treasure Island	2018 - Pinellas County Hurricane Guide - Surviving the Storm	Handout	Brochure/Publication	County-wide	Know your risk, sheltering, preparedness	929,048	8/18/2017	1/24/2019	4/2/2018		R.G. Bray, Jr.
Treasure Island	Re-entry Decals	Video	Sign up	Municipality	Public Safety Information (ex. Turn Around D	6,782	8/26/2014	1/24/2019	10/15/2017		Paula Cohen
Treasure Island	Red Cross Repairing Your Flooded Home	Video	Website	Municipality	Build Responsibly	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Protecting Your Home from Flood Damage	Video	Website	Municipality	Build Responsibly	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Hurricane Mitigation Videos	Video	Website	Municipality	Know your risk	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Flood Insurance	Video	Website	Municipality	Insure your property for your hazard(s)	6,782	8/26/2014	1/24/2019	10/15/2017		Paula Cohen
Treasure Island	Pinellas County Emergency Management	Website	Website	County-wide	General website of all hazards public safety i	929,048	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Home Builders Guide To Coastal Construction	.pdf	Website	Municipality	Build Responsibly	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Wind Retrofit Guide for Residential Buildings	.pdf	Website	Municipality	Build Responsibly	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Home - Elevation a Reliable Flood-Proofing Option	.pdf	Website	Municipality	Build Responsibly	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Ways to protect your home from flooding	.pdf	Website	Municipality	Build Responsibly	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	FEMA Map Service Center	website	Website	Municipality	Know your risk	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Flooding and Flood Risks	.pdf	Website	Municipality	Know your risk	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Recovering from a Disaster	video	Website	Municipality	Public Safety Information (ex. Turn Around D	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	FEMA's Homeowners' Guide to Retrofitting	.pdf	Website	Municipality	Build Responsibly	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.

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Treasure Island	FEMA's Protecting Building Utilities from Flood Damage	.pdf	Website	Municipality	Build Responsibly	6,782	8/26/2014	1/24/2019	10/5/2017		R.G. Bray, Jr.
Treasure Island	Ready.gov	Informational link	Website	Municipality	Purchase of Flood insurance, FEMA 50% rule	6,782	5/26/2017	1/24/2019	5/26/2017		R.G. Bray, Jr.
Treasure Island	Hurricane Preparedness	Website - Fire Department	Website	Municipality	Prepare, during and after the storm	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Community Emergency Response Team	website description	Website	Municipality	Community involvement in response and re	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	First Call	Program to contact residents for any type o	Sign-up / website / broch	Municipality	Direct contact to the residents for any emer	6,782	8/26/2014	1/24/2019	5/5/2017		Paula Cohen
Treasure Island	Hazardous Waste	website	Website	Municipality	Proper disposal of hazardous waste	6,782	8/26/2014	1/24/2019	5/5/2017		R.G. Bray, Jr.
Treasure Island	Illicit Discharge	website	Website	Municipality	Protect natural functions (floodplain; habita	6,782	8/26/2014	1/24/2019	5/5/2017		R.G. Bray, Jr.
Treasure Island	Preventing Urban Runoff Pollution - A Guide for Homeowners	Handout	Brochure/Publication	Municipality	Illicit discharge	6,782	9/16/2014	1/24/2019	5/5/2017		R.G. Bray, Jr.
Treasure Island	Clean Water - Everybody's Business	Handout	Brochure/Publication	Municipality	Illicit discharge	6,782	9/16/2014	1/24/2019	5/5/2017		R.G. Bray, Jr.
Treasure Island	Handout – FEMA - Every Business Should have a Plan	Brochure/Publication, Static Displays	Brochure/Publication, Sta	Municipality, Business	Prepared Ahead, Know your risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Handout – FEMA - Emergency Supply List	Brochure/Publication, Public Meetings, Sta	Brochure/Publication, Sta	Municipality, Individuals, Families	Prepared Ahead, personal responsibility	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Hurricane Awareness Public Meeting	Public Meetings	Public Meetings	Municipality, Business	Prepared Ahead, Know your Risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Bay News 9 handout	Brochure/Publication, Static Displays	Brochure/Publication, Sta	Municipality, Business	Prepared Ahead, Know your Risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Handout – FEMA Spanish Language - Prepararse tiene sentido Est'e listo ahora - Large Print	Brochure/Publication, Static Displays	Brochure/Publication, Sta	Municipality, Business	Prepared Ahead, Know your Risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Handout – FEMA – Brochure for Disabled and Others with Access and functional Needs	Brochure/Publication, Static Displays	Brochure/Publication, Sta	Municipality, Business	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Handout – FEMA Spanish Language - Prepararse tiene sentido Est'e listo ahora - Tri-fold	Brochure/Publication, Static Displays	Brochure/Publication, Sta	Municipality, Business	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Handout - FEMA – Brochure for People with Disabilities - Tri-Fold	Brochure/Publication, Static Displays	Brochure/Publication, Sta	Municipality, Business	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Handout – FEMA – for Emergencies NOW: Information for Older Americans – TRI- FOLD	Brochure/Publication, Static Displays	Brochure/Publication, Sta	Municipality, Business	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Handout – FEMA -Prepare for Emergencies NOW: Information for Pet Owners	Brochure/Publication, Static Displays	Brochure/Publication, Sta	Municipality, Business	Prepared Ahead, Know your Risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Hurricane Preparedness: Watches and Warnings	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	10 Tips for Keeping Children Safe in a Hurricane	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Hurricanes for Kids — Safety Resources, Facts & Projects	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Disaster Readiness Tips for People with Mobility Disabilities	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Disaster Preparedness for Pet Parents — Everything You Need to Know	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Map Changes for Floodplain Managers (video)	website	website	Municipality	Know your Risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.

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Treasure Island	The Role of the Elevation Certificate in Floodplain Management (video)	website	website	Municipality	Know your Risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	How the NFIP Works for Floodplain Managers (video)	website	website	Municipality	Know your Risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Pinellas County Storm Surge Protector Map (shows flood levels for evacuations A through E)	website	website	Municipality	Know your Risk	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	FEMA Letters to Homeowners	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	What to Do During a Weather Emergency	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Essential Guide To Flood Planning & Preparation	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Kids Get a Plan!	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Cleaning Up Your Home After a Flood	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Plan Ahead for Disasters	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Floods: Know your Risk	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Be Informed	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	After a Hurricane Disaster	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Hurricane Checklist for Business	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Hurricane Preparedness Tips for Parents	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Hurricane Safety for Construction Sites	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Organize and Prepare for Hurricane Disasters	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Emergency Preparedness for Seniors	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Disaster First Aid and Health Safety	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Hurricane Recovery: Getting the Most from Your Homeowners Insurance	website	website	Municipality	Prepared Ahead	6,782	10/30/2017	1/24/2019	10/30/2017		R.G. Bray, Jr.
Treasure Island	Flood Map Change Seminar	Public Meeting	Public Meeting	Municipality	Prepare Ahead know Your Risk	160	11/15/2018	1/24/2019	11/15/2018		R.G. Bray, Jr.
Treasure Island	Hurricane Expo w BN9 Local	Public Meeting	Public Meeting, Televised	Municipality	Prepare Ahead know Your Risk	6,782	5/23/2018	1/24/2019	5/23/2018		R.G. Bray, Jr.
American Red Cross	Pinellas County Senior Expo	General Disaster Preparedness, Senior Health Issues, Hand out brochures and Presentation 1/14/14	Community Event	County-wide	Preparedness for seniors, Health Issues, Special Needs Shelters, Planning in Disasters	200	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Health & Safety Fair	Disaster Preparedness, Health Issues. Hampton Inn 1/24/14	Community Event	Municipality	Disaster Preparedness & What to do to save a life	50	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Touch a Truck	Show Red Cross vehicle & talk about Disaster Preparedness. Largo Central Park 1/30/14	Community Event	County-wide	What the Red Cross vehicle does and what to do to prepare for a disaster and after a disaster	1,200	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Health & Safety Fair	Disaster Preparedness, Health Issues. Pinellas Central Elementary 1/30/2014	Community Event	Municipality	Disaster Preparedness & What to do to save a life	40	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Health & Safety Fair	Disaster Preparedness, Health Issues. St Patrick's Church, Largo 2/18/2014	Community Event	Municipality	Disaster Preparedness & What to do to save a life	60	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Health & Safety Fair	Disaster Preparedness, Health Issues. Largo Central Park 2/22/2014	Community Event	County-wide	Disaster Preparedness & What to do to save a life	30	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Spring Market - Table event	Disaster Preparedness. Lake Seminole Pres Church 3/1/2014	Community Event	Municipality	Make your Family/ Business Disaster Plan	200	10/30/2014	1/24/2019			Mark Hendrickson

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American Red Cross	St. Petersburg Saturday Market-Table event	Disaster Preparedness. St. Petersburg 3/8/2014	Community Event	Municipality	Make your Family/ Business Disaster Plan	150	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Sheltering & Preparedness for disasters	Providing a Shelter to the community & Disaster Preparedness. Palm Harbor United Methodist 3/18/14	Community Event	Church members	How to become a Shelter for Red Cross & Disaster Preparedness	35	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Women's History Month - Disaster Presentation	How to prepare for disasters. St Petersburg College, Clearwater 3/26/2014	Community Event	College Students/staff	Make your Family/ Business Disaster Plan	42	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Fire Safety & Disaster Preparedness	Fire safety, preparing for disasters, Special Needs Shelters. Four Seasons MHP, 3/26/14	Community Event	Mobile Home Park Residents	Make your Family/ Business Disaster Plan	100	10/30/2014	1/24/2019			Mark Hendrickson
American Red Cross	Caregivers Table top & Citizen CPR	Disaster preparedness & Citizen CPR, St Petersburg Hospice	Roundtable/Forum	Hospice Volunteers & Staff	Make your Family/ Business Disaster Plan and Citizen CPR instruction	40	10/30/2014	1/24/2019			Mark Hendrickson
Eckerd College	Email to faculty/staff (May 2016) and distribution of annual hurricane guide to students (August 2016)	Distribution/posting of annual hurricane preparedness information	Brochure/Publication	Eckerd College community	Make your Family/ Business Disaster Plan	3,000	10/3/2014	1/24/2019	10/5/2016		Lisa Mets
Pinellas County Extension - UF/IFAS								1/24/2019			
Pinellas County Extension - UF/IFAS	Coastal Resilience Index	Consultation/Facilitated Assessment of Preparedness	Presentation to Governing Body	Municipality	Other- All of the above, Assessment of ability to recover post-disaster		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Pinellas County Ext Website	Online education	Website	County-wide	Other- All of the above		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Florida Homeowner Handbook to Prepare for Natural Disasters	New Publication, Co-authored and printed by UF/IFAS Extension, distributed in Pinellas County facilities	Brochure/Publication	County-wide	Protect your property from the hazard(s)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Hurricane Preparedness Workshop	Community workshop	Community Event	County-wide	Protect your property from the hazard(s)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Regional Floodplain Management Workshop	Workshop for professionals (urban planners, floodplain managers) on NFIP and new CRS.	Roundtable/Forum	Other: Regional, Pinellas, Pasco, Hillsborough, Manatee, Sarasota	Other - Changes to NFIP, CRS, legal implications		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Timely Topics Blog	Online education	Newsletter	County-wide	Public Safety Information (ex. Turn Around Don't Drown)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Thinking Green Blog	Online education	Newsletter	County-wide	Public Safety Information (ex. Turn Around Don't Drown)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Water Column e-Newsletter	Online education	Newsletter	County-wide	Protect your property from the hazard(s)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Factsheet: Preparing your Pets for Hurricane Season	General education - printed	Brochure/Publication	County-wide	Public Safety Information (ex. Turn Around Don't Drown)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan

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Pinellas County Extension - UF/IFAS	Factsheet: Preparing your Boats for Hurricane Season	General education - printed	Brochure/Publication	County-wide	Know your risk		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Factsheet: Staying Connected during Hurricane Season	General education - printed	Brochure/Publication	County-wide	Public Safety Information (ex. Turn Around Don't Drown)		9/18/2014	1/24/2019			Ramona Madhosingh / Libby Carnahan
Pinellas County Extension - UF/IFAS	Wind and Trees Display	General education	Tabletop Display	County-wide	Insure your property for your hazard(s)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Disaster Preparedness for Residents	General education	Tabletop Display	County-wide	Make your Family/ Business Disaster Plan		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Coastal Cleanups	Hands-on events where participants learn about impacts to local ecosystem	Community Event	County-wide	Protect natural functions (floodplain; habitat; etc.)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Going Coastal: Estuary-Friendly Living	Hands-on training where participants learn about impacts to local ecosystem	Community Event	County-wide	Protect natural functions (floodplain; habitat; etc.)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Sustainable Floridians	Training for residents on behaviors and impacts to environment - water, land use etc.	7-week Training Program	County-wide	Protect natural functions (floodplain; habitat; etc.)		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Pinellas County Extension - UF/IFAS	Clean Marina Workshops	Training and education for marina and boat owners/operators	Presentation to Industry	Businesses	Make your Family/ Business Disaster Plan		9/18/2014	1/24/2019			Ramona Madhosingh/ Libby Carnahan
Tarpon Springs Housing Authority	Resident Notice	Annual Update of Evacuation Levels	Door-to-Door Distribution	Residents of Tarpon Springs Housing Authority	Public Safety Information (ex. Turn Around Don't Drown)	405	8/25/2014	1/24/2019	9/21/2016		Deb Amon
Tarpon Springs Housing Authority	Publication Distribution	"Surviving the Storm" Publication	Door-to-Door Distribution	Residents of Tarpon Springs Housing Authority	Public Safety Information (ex. Turn Around Don't Drown)	405	8/25/2014	1/24/2019	9/21/2016		Deb Amon
Tarpon Springs Housing Authority	Disaster/ Emergency Preparedness	Annual Update of Disaster/Emergency Preparedness Plan	Staff Master Document Distribution	Residents of Tarpon Springs Housing Authority	Make your Family/Business Disaster Plan	405	10/31/2014	1/24/2019	9/21/2016		Deb Amon
Tarpon Springs Housing Authority	Pinellas County Emergency Management	TSHA's website	Website	County-wide	Make your Family/Business Disaster Plan	929,028	10/31/2014	1/24/2019	9/21/2016		Deb Amon
Tampa Bay Regional Planning Council	Website	The www.tampabayprepares.org website was developed to provide families and businesses with information on how to prepare for all hazards, safety tips, and mitigation. The website also has guidance to businesses on how to develop their BCP and protect themselves from economic losses. Also includes the most recent Disaster Planning Guide for Families and Businesses.	Website	County-wide (Residents and Businesses); Spanish speaking	All Target Messages are addressed	12,000	8/22/2014	1/24/2019			Betti Johnson
Tampa Bay Regional Planning Council	Disaster Planning Guide - Spanish	A county-specific All-Hazards printed guide which preparedness and mitigation information including floodplain management strategies in Spanish	Brochure/ Publication	Spanish Speaking Residents	All Target Messages are addressed	10,000	8/22/2014	1/24/2019			Betti Johnson

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Tampa Bay Regional Planning Council	Presentations to Regional Council Members	Staff briefs the Regional Council members on Emergency Management/ Floodplain Management issues throughout the year at the monthly meetings. These include the importance of the Local Mitigation Strategies, CRS and Flood Insurance, available mitigation workshops, hurricane evacuation planning and domestic security.	Presentation to Governing Body	Council members represent the (4) County Commissioners, municipalities and gubernatorial appointees.	All Target Messages are addressed	35	8/22/2014	1/24/2019			Betti Johnson
Tampa Bay Regional Planning Council	Community Presentations	Preparedness / Mitigation Talks to Homeowner Groups	Area-Specific Meeting	Hurricane Vulnerable Seniors	Make your Family/ Business Disaster Plan	50	8/22/2014	1/24/2019			Betti Johnson
Tampa Bay Regional Planning Council	Presentations to Planners	Briefing to LMS Members on Climate Change and Sea Level Rise	Area-Specific Meeting	County-wide	Know your risk	35	8/22/2014	1/24/2019			Betti Johnson
Tampa Bay Regional Planning Council	Participation in Public Safety Events	Booths at NOAA Hurricane Hunter Expo	Community Event	Students and Citizens	Know your risk	200	8/22/2014	1/24/2019			Betti Johnson
Palm Harbor Fire Rescue	Facebook Page	Updates on Palm Harbor Fire Rescue Facebook Page	Social Media/ Email	Municipality	Public Safety Information (ex. Turn Around Don't Drown)	Unknown	8/14/2014	1/24/2019			Bob Markford
Palm Harbor Fire Rescue	New E-Flash	Updates sent via e-mail in the form of an E-Flash	Social Media/ Email	Those that subscribe and are on the e-flash e-mailing list	Public Safety Information (ex. Turn Around Don't Drown)	100-150	8/14/2014	1/24/2019			Bob Markford
Palm Harbor Fire Rescue	Hurricane Preparedness	Talks to various Homeowners Groups in PH	Area-Specific Meeting	Municipality	Know your risk	100-200	8/14/2014	1/24/2019			Bob Markford

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2019 Appendix 9, Table 9-1: Mitigation Initiatives

Total Score	Jurisdiction/ Organization	Project Name	Description/ Natural Hazard Addressed (Key: 1=Flooding; 2=Storm Wind; 3=Erosion; 4=All Hazard)	Est. Cost	Timeframe / Status	Possible Funding Sources	Date Last Reviewed	Updated By
1029	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 sqaure feet, to support the critical health and safety needs of our residents during a hurricane.	$142,000	Currently Unfunded	HMGP	1/24/2019	
1025	Baycare, Inc. / St. Petersburg	Hospital EOC	Construct new EOC. Estimated completion time: more than 12 months. / 4	$1,100,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1150	Bayfront Medical Center / St. Petersburg	Harden Window Openings - Building A	Harden the exterior of Building A and install new hurricane-rated windows. Estimated completion time: more than 12 months. / 2	$1,217,370	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1150	Bayfront Medical Center / St. Petersburg	Harden Window and Roof - Building C Center	Harden the exterior including hurricane-rated windows and roofing system to protect against high wind velocity events. Estimated completion time: more than 12 months. / 2	$2,789,889	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1150	Bayfront Medical Center / St. Petersburg	Harden Window and Roof - Building C South	Harden the exterior including hurricane-rated windows and roofing system to protect against high wind velocity events. Estimated completion time: more than 12 months. / 2	$4,575,295	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1150	Bayfront Medical Center / St. Petersburg	Harden Window and Roof - Building C North	Harden the exterior including hurricane-rated windows and roofing system to protect against high wind velocity events. Estimated completion time: more than 12 months. / 2	$4,646,281	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1090	Bayfront Medical Center / St. Petersburg	Harden Cancer Care Center	Harden the exterior including the roof, windows and walls to ensure continuity of operations. Estimated completion time: more than 12 months. / 2	$430,003	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1070	Bayfront Medical Center / St. Petersburg	Harden West Lobby	Harden the roof and curtainwall window assembly to protect against high wind velocity events. Estimated completion time: more than 12 months. / 2	$1,250,200	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1000	Bayfront Medical Center / St. Petersburg	Harden Mechanical Room & Medical Gas Enclosure - Building B/C	The Mechanical Room and a fenced lean to will be hardened. Estimated completion time: more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
995	Bayfront Medical Center / St. Petersburg	Building C Boiler / Chiller Plant Hardening & Rooftop Equipment Mitigation	The hospital's boiler & chiller plant needs hardening for severe weather mitigation. Estimated completion time; More than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
995	Bayfront Medical Center / St. Petersburg	Tank Farm Enclosure	On the South side of Building C, the Oxygen Tank Farm will be hardened. Estimated completion time; more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
995	Bayfront Medical Center / St. Petersburg	Life Services Building Window, Door & Wall Hardening	The Life Services Building needs windows, doors and walls hardened for protection against high wind velocity and severe weather events. Estimated completion time; more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
990	Bayfront Medical Center / St. Petersburg	Child Development Center Wind, Door & Roof Hardening	Harden windows, doors and roof for hurricane and severe weather mitigation. Estimated completion time: more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
980	Bayfront Medical Center / St. Petersburg	Family Health Center Structural Hardening	Harden walls and roof to mitigate high wind velocity. Estimated time of completion: 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
980	Bayfront Medical Center / St. Petersburg	Haden Exterior - Building C East - Area 4	Harden the exterior of Building C East - including hurricane-rated windows, walls, doors and roofing system to protect against high wind velocity events. / 2	$3,070,827	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
978	Belleair Beach	3rd-5th St	Drainage Improvement Plan - to prevent High Tide Flooding 3rd-5th Street	$356,000	Design	Local	1/24/2019	Lynn Rives
978	Belleair Beach	7th Street	Drainage Improvement Plan-to prevent high tide flooding 7th Strret	$450,000	Currently Unfunded	Local/ HMGP	1/24/2019	Lynn Rives
925	Belleair Beach / Public Works	Traffic Light Mitigation	Replace traffic control light at the corner of Causeway Blvd and Gulf Blvd with a mast arm. Estimated completion time: / 4	$447,000	Completed	EMPATF, HMGP; PDM Program Penny for Pinellas	1/24/2019	Lynn Rives
910	Belleair Beach / Public Works	Stormwater Management	Stormwater repairs, improvements, and replacing curb work. Replace valley curbs Estimated completion time: more than 12 months. / 1	$100,000	Currently Underway	Local Funds	1/24/2019	Lynn Rives
910	Belleair Beach / Public Works	Master Drainage Plan	Addresses issues with street flooding, drainage hydraulics problems, water quality and community drainage / 1	$50,000	Completed	Local Funds	1/24/2019	Lynn Rives
929	Belleair Beach	Harbor Drive & 1st Street	Drainage Improvement Plan – to prevent high tides from flooding the street 1	$381,000	2018 Local		1/24/2019	Nancy Gonzalez
925	Belleair Beach / Public Works	Traffic Light Mitigation	Replace traffic control light at the corner of Causeway Blvd and Gulf Blvd with a mast arm. Estimated completion time: / 4	$447,000	Funded through Gulf Blvd. Beautification Project	EMPATF, HMGP; PDM Program Penny for Pinellas	1/24/2019	Nancy Gonzalez
910	Belleair Beach / Public Works	Stormwater Management	Stormwater repairs, improvements, and replacing curb work. Replace valley curbs Estimated completion time: more than 12 months. / 1	$55,000	Currently Underway	Local Funds and SWFWMD Cooperative Funding Grant	1/24/2019	Nancy Gonzalez
910	Belleair Beach / Public Works	Master Drainage Plan	Addresses issues with street flooding, drainage hydraulics problems, water quality and community drainage / 1	$50,000	Currently Underway	Local Funds	1/24/2019	Nancy Gonzalez
980	Belleair Beach / Support Services	Town Hall Storm Mitigation	Mitigate town hall (901 Ponce de Leon Blvd.). Estimated completion time: more than 12 months. / 2	$40,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
970	Belleair Bluffs	City Hall Storm Shutters	Install commercial roll-down storm shutters to protect city hall and the fire department. Estimated completion time: more than 12 months. / 1	$45,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1095	Clearwater	Purchase and install manhole pans	This project is to purchase and install 17,614 manhole pans. These manhole pans are designed to limit rainwater from entering the waste water collection system when a manhole is submerged. This can help with storms that cause standing water or storm surge that has pushed tides onto roadways. Preventing water from entering the water collection system is important because if the pipe or the water reclamation facility cannot keep up with the amount of water entering the system, then a sanitary sewer overflow occurs. This can occur at either the manhole or at the reclamation facility. The Public Utilities Department has selected Rain stopper as their preferred manhole pan. Installation is basic: lift up the manhole, place on the rim of the manhole frame, then lower the manhole lid. Any water entering from the lid is stopped from entering the waste water collection system. The device only weighs ten pounds and is low maintenance since there are no moving parts. The cost of this preventative measure is less than $150 per manhole. The estimated construction length is one year.	$2,625,000	Currently unfunded	HMGP	1/24/2019	
1118	Clearwater	Elevate 9 Clearwater Beach lift stations	This project includes elevating nine (9) lift stations on Clearwater Beach. The lift station telemetry, control, and power connections would be elevated at least two feet above the base flood elevation and storm surge height. Elevating the lift stations reduces the likelihood that they would damaged by a storm and prevents sanitary sewer overflows. This cost of preventative measure is $77,000 per elevated lift station. The estimated construction length would be 6 months.	$616,000	Currently unfunded	HMGP	1/24/2019	
1110	Clearwater	Purchase and install Stamford Baffles in 4 clarifiers at Marshall Street Facility	There are currently four (4) clarifiers at the Marshall Street Water Reclamation Facility. The project is the purchase and installation of Stamford Baffords on each of those clarifiers. The Baffles will increase performance by reducing the Total Suspended Solis (TSS) entering the effluent trough and adding the hydraulic capacity of the clarifier. The overall performance of the clarifiers will increase by reducing the velocity in the tanks. The baffles will allow clarifiers to handle peak flows associated with large rainfalls and storm surges and reduce the chance of sanitary sewer overflows. The baffles will be installed around the weir and attached to the concrete. The cost of this preventative measure is less than $138,000 per Stamford Baffle. The estimated construction length is one year.	$550,000	Currently unfunded	HMGP	1/24/2019	

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1110	Clearwater	Purchase and install Stamford Baffles in 2 clarifiers at East Facility	There are currently two (2) clarifiers at the East Water Reclamation Facility. The project is the purchase and installation of Stamford Baffords on each of those clarifiers. The Baffles will increase performance by reducing the Total Suspended Soils (TSS) entering the effluent trough and adding the hydraulic capacity of the clarifier. The overall performance of the clarifiers will increase by reducing the velocity in the tanks. The baffles will allow clarifiers to handle peak flows associated with large rainfalls and storm surges and reduce the chance of sanitary sewer overflows. The baffles will be installed around the weir and attached to the concrete. The cost of this preventative measure is less $138,000 per Stamford Baffle. The estimated construction length is one year.	$275,000	Currently unfunded	HMGP	1/24/2019	
1088	Clearwater	Purchase 2 mounted power stations	This project is for the purchase of two (2) portable 419KW trailer mounted power stations. Although the City's reclamation and water production facilities are on Duke Energy's critical facilities list, power outages due to storm damage can occur at Public Utilities facilities. The trailer mounted power stations allow for flexibility of redundant power supply that can be transported to any of the City's three (3) reclamation facilities. Having emergency power at facilities can prevent a sanitary sewer overflow. The cost of this preventative measure is $150,000 per power station. The estimated length of time to acquire equipment is 90 days.	$300,000	Currently unfunded	HMGP	1/24/2019	
1080	Clearwater	Telemetry installation at critical and essential lift stations	This project involves outfitting 23 critical and essential lift stations with telemetry which enable remote monitoring. Allowing real time monitoring of lift stations enables faster responses to issues. This would reduce the likelihood of sanitary sewer overflows. The cost of this preventative measure is less than $18,100 to add monitoring equipment to lift stations. The estimated construction length is 90 days.	$416,000	Currently unfunded	HMGP	1/24/2019	
1043	Clearwater	Design and install automatic transfer bypass switches	This project includes the design and installation of 23 automatic transfer bypass switches at lift stations, water reclamation facilities, and water treatment facilities. The bypass switch has the ability transfer the electrical load from the electric utility to the back-up generator and switch back when the power is back on. By having an automatic process, there is a reduction in the likelihood that a sanitary sewer overflow will occur. The cost of this preventative measures is $100,000 per bypass switch. The estimated construction length is 6 months.	$2,300,000	Currently unfunded	HMGP	1/24/2019	
1227	Clearwater	Purchase 7 mounted generators	This project is the purchase of seven (7) portable 90kW trailer mounted generators. These generators would only be used to maintain lift stations operations during power outages, often associated with extreme weather. The generators would allow lift station without power to temporarily pump the waste water collection system. Maintaining power at a lift station prevents sanitary sewer overflows. The cost of this preventative measure is $70,000 per generator. The estimated length of time to acquire equipment is 90 days.	$490,000	Currently unfunded	HMGP	1/24/2019	
996	Clearwater	Manhole and gravity sewer rehabilitation on Clearwater Beach	This project includes complete coating of structures, replacement of frame and cover of manholes and gravity piping. Through surveys, 333 manholes and 30,245 linear feet of gravity piping were identified as having the potential to allow the inflow and infiltration of stormwater. These corrections are designed to limit rainwater from entering the waste water collection system when a manhole is submerged. This can help with storms that cause standing water or storm surge that has pushed tides onto roadways. Preventing water from entering the water collection system is important because if the pipe or the water reclamation facility cannot keep up with the amount of water entering the system, then a sanitary sewer overflow occurs. This can occur at either the manhole or at the reclamation facility. The estimated construction length is one year.	$4,420,000	Currently unfunded	HMGP	1/24/2019	
960	Clearwater / General Services	Install Communications at Fire Training 48	Install radio tower at the new fire training building, install wireless comms, and install backup radio communications. Estimated completion time: more than 12 months. / 4	$200,000	Currently unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
850	Clearwater / General Services	Hardened Countryside Recreation Center	Harden windows and doors, increase roof attachments and install emergency generator. Estimated completion time: more than 12 months. / 2	$300,000	Currently unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
900	Clearwater / Public Utilities	Purchase trailer mounted antenna	Purchase antenna for citywide telemetry system for monitoring lift stations, water and wastewater plants. Estimated completion time: less than 12 months. / 1	$75,000	Currently unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
900	Clearwater / Public Utilities	Northeast Water Pollution Control Plant generators	Procure seven backup generators to maintain the generator reliability. Estimated completion time: less than 12 months. / 4	$950,000	Currently unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
900	Clearwater/ Engineering	Intermodal Facility	Construction of a new terminal in downtown. Added 2016 /2	$2,425,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1070	Clearwater/ Engineering	Public Works Complex – Phase 2 Public Utilities and Stormwater Warehouse Facility	New warehouse facility will be built to Category 5 standards. Added 2016 /4	$4,248,134	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1080	Clearwater/ Engineering	Public Works Complex – Phase 3 Administration Building with IT Server	New administration building and secure storage of IT servers will be built to Category 5 standards. Added 2016 /4	$10,191,909	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
960	Clearwater/ Engineering	Public Works Complex – Phase 4 Meter Shop/ Utilities Mechanical Shop/ Survey Office	New facility for meter shop, utilities mechanical shop, and survey office will be built to Category 5 standards. Added 2016 /4	$1,449,586	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1150	Clearwater/ Engineering	Public Works Complex – Phase 5 Traffic Operations Facility	New facility for traffic operations will be built to Category 5 standards. Added 2016 /4	$2,626,580	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
900	Clearwater/ Engineering	Public Works Complex – Phase 6 Urban Forestry/ Parks & Beautification and Infrastructure	New facility for urban forestry and P&B will be built to Category 5 standards. Added 2016 /4	$3,902,806	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1010	Clearwater/ Engineering	Acquisition of Repetitive Loss Properties	Several repetitive loss properties have been identified for acquisition Added 2016 /1	$16,000,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1030	Clearwater/ Engineering	Sunshine Towers Stormwater Pipe Realignment	The realignment of the stormwater pipe under the Sunshine Towers will alleviate flooding from the collapsed pipes under the building. Added 2016 /1	$588,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1150	Clearwater/ Fire & Rescue	Fire Station 46 – Mandalay	Construction of a new fire station to meet current building standards. Added 2016 /4	$4,305,560	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1150	Clearwater/ Fire & Rescue	Fire Station 47	Construction of a new fire station in an alternate location. Added 2016 /4	$200,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1210	Clearwater/ Gas	Gas Complex	Construction of a new Clearwater Gas building built to Category 5 building standard. Added 2016 /4	$13,000,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
850	Clearwater/ Marine & Aviation	Airpark Hanger	Replace airplane hangar. Added 2016 /2	$700,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
830	Clearwater/ Marine & Aviation	Stormwater Management	Construct a stormwater management system at the Marina Added 2016 /1	$7,000,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
800	Clearwater/ Marine & Aviation	Marina Walkway	Repair walkway at Marina and protect utilities located under the surface. Added 2016 /1	$1,450,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
1190	Clearwater/ Police	District 3 Headquarters	Rebuild Police Station to be resilient and address site flooding Added 2016 /4	$3,505,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
710	Clearwater/ Public Utilities	Groundwater Replenishment	Construction of a new hardened facility. Added 2016 /2	$500,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler
970	Clearwater/ Public Utilities	Water Treatment Plant #3	The expansion of the water treatment plant will make is possible for the City to produce 100% of the necessary water supply for residents. Added 2016 /4	$13,400,000	Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	Sarah Kessler

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971	Dunedin / Public Works	Lift Station Hardening & Retrofit	Pump stations that receive flow from one or more pump stations through a force main or pump stations discharging through pipes 12" in. or larger are required to provide uninterrupted pumping capabilities. The City has 12 lift stations that meet this requirement and do not have emergency provisions. These lift stations are LS# 3, 2, 12A, 16, 19, 17, 22, 34, 25, 12, 29, and 28 which pump 190,000; 125,000; 100,000; 100,000; 90,000; 55,000; 50,000; 35,000; 30,000; 25,000; 10,000; and 5,000 gallons raw sewage on an average daily flow. The City intends to install diesel driven emergency backup pumps on the nine largest flow lift stations to reduce the chance for significant sanitary sewer overflows (SSO's) during periods of heavy rains or extended power outages. The remaining 3 lift stations shall have portable deisel generators connected to them to provide power and provide uninterupted pumping service. The City is a coastal community and all of the indicated lift stations are close to watersheds and overflows at any station have the potential to have a significant impact on water quality. These improvements will help mitigate impacts on waterways and residents.	$1,500,000	Currently Unfunded		1/24/2019	Russell Ferlita
1065	Dunedin / Public Works	WWTP Backup Generators	The City's Wastewater Treatment Plant (WWTP) has a whole site generator that is aged and has experienced issues staying on line in times of emergency. The City is looking to install separate, smaller generators to power individual portions of the plant at the pumping points to keep water flowing and the process working properly in emergency situations and during power outages. The weak points identified at the plant are: Facility 4 (Headworks of the plant), Facility 7 (Clarifiers and Sludge & Secondary Effluent Pumping), Facility 8 (Denitrification Filters), Facility 13 (Blowers), and Facility 14 (Chemical Dosing). The power requirements for the generators identified are 200kW, 200kW, 300kw, 400kw, and 25kw for Facilities 4, 7, 8, 13, and 14 respectively. The City is a coastal community with an outfall to St. Joseph Sound and failure of the Wastewater Treatment Plant will cause sanitary sewer overflows (SSOs) at the plant, outfall of raw sewage into coastal waters, and have the potential to have a significant impact on water quality. These improvements will help mitigate impacts on waterways and residents.	$1,200,000	Currently Unfunded		1/24/2019	Russell Ferlita
966	Dunedin / Public Works	Lift Station #20 Rehabilitation	Lift station #20 is adjacent to Jerry Branch, a tributary of Curlew Creek. The Florida Department of Environmental Protection (FDEP) along with the Environmental Protection Agency (EPA) listed Curlew Creek on the 303(d) list of impaired waterbodies for a bacteria Total Maximum Daily Load (TMDL). This lift station basin area suffers from inflow and infiltration (I&I), is currently undersized, and can experience significant sanitary sewer overflows (SSO's) during periods of heavy rains. This project's intent is to relocate the lift station to a location further from Jerry Branch, to increase the wet well size and capacity, and to mitigate the issues with I&I. These improvements will help mitigate impacts on waterways and residents.	$1,300,000	Currently Unfunded	HMGP	1/24/2019	Russell Ferlita
988	Dunedin / Public Works	Lift Station #32 Rehabilitation	Lift station #32 is adjacent to Jerry Branch, a tributary of Curlew Creek. The Florida Department of Environmental Protection (FDEP) along with the Environmental Protection Agency (EPA) listed Curlew Creek on the 303(d) list of impaired waterbodies for a bacteria Total Maximum Daily Load (TMDL). This lift station basin area suffers from inflow and infiltration (I&I), is currently undersized, and can experience significant sanitary sewer overflows (SSO's) during periods of heavy rains. This project's intent is to increase the wet well size and capacity, to mitigate the issues with I&I, and to address issues in the system related to undersized interceptor sewer mains in the system. These improvements will help mitigate impacts on waterways and residents.	$750,000	Currently Unfunded	HMGP	1/24/2019	Russell Ferlita
970	Dunedin / Public Works	Lift Station Emergency Backup Systems	Install emergency backup pumps on 9 lift stations and emergency generators on 3 lift stations / 1	$1,500,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	Russell Ferlita
920	Dunedin / Public Works	Dunedin Main Library Opening Protection	Install hurricane shutters/opening protection on Dunedin Main Library. / 2	$250,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	Joseph DiPasqua
970	Eckerd College / St. Petersburg	Building Flood/Wind Retrofit	Retrofit priority support building to address vulnerabilities to high winds and/or flooding based on engineering evaluation. Estimated completion time: more than 12 months. / 1, 2	$50,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	Lisa Mets
940	Eckerd College / St. Petersburg	Building Flood/Wind Retrofit	Retrofit academic building to address vulnerabilities to high winds and/or flooding based on engineering evaluation. Estimated completion time: more than 12 months. / 1, 2	$250,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	Lisa Mets
1090	Gulfport	Stormwater Project	Enlarge drainage pipes and construct retention ponds citywide to reduce street and yard flooding to improve drainage in low lying areas of the City. Estimated completion time: more than 12 months. / 1	$500,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants	1/24/2019	
1035	Gulfport	Flood Mitigation in Waterfront Redevelopment District	Construct storm doors for commercial businesses within the 100-year floodplain of the Waterfront Redevelopment District Estimated completion time: more than 12 months. / 1	$60,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1030	Gulfport	Land Acquisition	Public purchase of properties that are flood prone or at high risk/exposure to being flooded or experience wave action/erosion. Estimated completion time: more than 12 months. / 1	$500,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1015	Gulfport	Municipal EOC	Build a new City EOC, 1617 - 49th Street South. Estimated completion time: more than 12 months. / 4	$3,500,000	Currently Unfunded	HMGP; PDM Program	1/24/2019	
1,247	Gulfport	City Hall Complex – EOC Generators Installation	Hurricane Irma left 85% of Gulfport without power for more than one week, destroying 17 transformers and downing many power lines. City Hall complex was without electricity for one week. City Hall complex is the city's EOC and consists of three buildings: City Hall/Police Department, Fire Department, and Public Services. No power at the EOC complex compromised the City's emergency services and ability to respond and recover from Irma due to the lack of communications within and outside of the City, the use of computers, telephones, radios, and the equipment for damage assessment and monitoring of critical facilities such as water and lift stations. Install 3 generators. / 4	$334,000	Currently Unfunded	HMGP, CDBG, EMPA, Local	1/24/2019	
1,260	Gulfport	Critical Facility Generator Retrofit	Install one generator. Lift Station 1 is the City's facility that collects 80% of the wastewater generated in the City and pumps it to St Petersburg for treatment. Of the 19 collection basins within the City, Lift Station 1 directly collects 63% of the basins wastewater. The remaining 37% is collected at Lift Station 2 and is pumped directly to Lift Station 1. The City has hardened the lift stations. The current generator has passed its estimated useful life. / 4	$64,000	Currently Unfunded	EMPA, HMGP, Local	1/24/2019	
1,284	Gulfport	Generator Installation at Alternate EOC	Hurricane Irma left 85% of Gulfport without power for more than one week, destroying 17 transformers and downing many power lines. City Hall complex and the Public Works building was without electricity for one week. City Hall complex is the city's EOC but lies within Evacuation D Zone. Therefore, the Public Works building is the alternate EOC since it is not in a flood zone or evacuation zone. No power for the EOC complex and Public Works building compromised the City's emergency services and ability to respond and recover from Irma due to the lack of communications within and outside of the City, the use of computers, telephones, radios, and equipment for damage assessment and monitoring of critical facilities such as water and lift stations. /4	$72,900	Currently Unfunded	HMGP, CDBG, EMPA, Local	1/24/2019	
1050	Indian Rocks Beach / Building Dept.	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	Currently Unfunded	FMAP; HMGP; PDM Program, Penny for Pinellas, CDBG, Nonpoint Source Implementation Grants, Residential Construction Mitigation Program	1/24/2019	Dean Scharmen

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1250	Indian Rocks Beach / Public Services	Stormwater Drainage	Reconstruction of small basin stormwater collection and discharge facilities as required by NPDES. . /4	$300,000	2020	City of Indian Rocks Beach Capital Improvement Plan; Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; Penny for Pinellas; SWFWMD	1/24/2019	Dean Scharmen
870	Indian Rocks Beach / Public Services	Gulf Blvd Utility Undergrounding	To make aesthetic and safety improvements along Gulf Blvd, including the undergrounding of the Gulf Blvd overhead utilities and to elevate transformers and other equipment above the base flood elevation. Phase 1 of the project, about $4 million in cost would start at the southern boundary of the City (Whitehurst) and continue north through the Gulf Blvd/Walsingham Rd intersection to at least 6th Ave. /4	$4,120,180	Design work is complete. Construction should commence in the early part of 2019	Pinellas County, City of Indian Rocks Beach Capital Improvement Plan	1/24/2019	Dean Scharmen
860	Indian Rocks Beach / Public Services	Road Milling, Resurfacing and curbing	Road deterioration causes safety hazards and negatively impacts the attractiveness of the neighborhood. This project includes continuation of street milling, resurfacing, and curb replacement and includes updating the drainage system in the areas resurfaced. This project also includes concrete curb and gutter replacement and asphalt milling and resurfacing at selected locations in Fiscal Years 2018-2022 / 3	$2,250,000	In CIP for the next five years	; City of Indian Rocks Beach Capital Improvement Plan; SWFWMD	1/24/2019	Dean Scharmen
1030	Indian Shores / Town Administrator	Critical Facility Rebuild	Build new town hall, police department and annex buildings. Estimated completion time: more than 12 months. / 2	$3,500,000	Currently Unfunded	FMAP; HMGP; PDM Program	1/24/2019	
915	Indian Shores / Town Administrator	Seawall Erosion Control	Reconstruct seawall with tiebacks at Intra Coastal Waterway and Town Street. Estimated completion time: more than 12 months. / 3	$160,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants	1/24/2019	
865	Indian Shores / Town Administrator	Detention Pond	Create a detention pond and storm water drainage system in the community redevelopment area. Estimated completion time: more than 12 months. / 1	$100,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds, CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants	1/24/2019	
910	Kenneth City	Stormwater Management	Repair, rework, and replace components in the Kenneth City storm drain system. Estimated completion time: more than 12 months. / 1	$300,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants	1/24/2019	
910	Kenneth City	Stormwater Management	Repair, rework, and replace components in the Kenneth City storm drain system. Estimated completion time: more than 12 months. / 1	$500,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants	1/24/2019	
1240	Largo	Fire Station Renovation Program	The City of Largo operates six fire stations, 38, 39, 40, 41, 42 and 43. The stations are in need of significant repair, maintenance, and upgrade in order to remain operational. An outside consultant completed a needs analysis in 2015 to determine the following: space needs analysis, analysis of all current and immediate repair and maintenance needs and costs, and estimates on the remaining useful life of the buildings. The 2015 Needs Assessment indicated extensive repairs and upgrades for Largo Fire Rescue stations. The Largo Fire Rescue Department is looking ahead to replacing stations that have reached the end of their useful life, including fire stations 38, 39, 42, and 43. The replacement of Station 43 was initiated in FY 16 and will be completed in FY 17. Station 38 would be next, station 42 would be after station 38 and station 39 would be the last, in coordination with the county project to rebuild Rainbow Village. Fire Station 38: Apparatus bay floor resurfacing, interior painting, and drop ceiling replacement. Station 38 is slated to be the first station to be replaced if the penny is re-approved. (Station was built in 1987.) Fire Station 39: Roof replacement, apparatus bay floor resurfacing, and interior painting. Station 39 is scheduled to be replaced in coordination with the county project to rebuild Rainbow Village. (Station was build in 1980.) Fire Station 40: Major roof repair, apparatus bay floor resurfacing, and interior painting. (Station was built in 1990.) Fire Station 42: Roof replacement, apparatus bay floor resurfacing, and interior painting. Station 42 is slated to be the second station replaced if the penny re-approved. (Station was built in 1978.) /4	$692,000	FY 17-FY 21	General (Local Fund)	1/24/2019	Matthew DiFiore
1150	Largo	Fire Station 38 Reconstruction	This is the youngest of the three proposed stations however still has many of the same issues. The roof and HVAC systems will need replacing, the building will need to be brought up to ADA and NFPA standards and living quarters will need redesign and reconfiguration. This building has gone through many changes due to personnel additions and changes over the last ten years. The current building is 6,500 square feet and was constructed in 1986. /4	$3,750,000	N/A	Unfunded	1/24/2019	Matthew DiFiore
1016	Largo	WWRF Lift Station Flood Mitigation	This project meets the goals and objectives for structural mitigation projects that include strengthening of vulnerable structures and public facilities to withstand wind, fire and other forces, and elevation of structures to protect them from flood damage. A number of the Wastewater Reclamation Facility (WWRF) sanitary sewer lift stations are in the flood plain. Continuity of operations of these lift stations is at risk during high rain and/or flooding events. The purpose of this project is to reconstruct the lift stations to raise the critical infrastructure above the flood plain at existing Lift Station Nos. 19, 26, 41 and 47.	$3,150,000	Currently Unfunded	HMGP	1/24/2019	
1150	Largo	Fire Station 39 Reconstruction	This building has exceeded its useful life and currently is in need of a roof replacement and internal renovations. The building has no separated living quarters and has inadequate storage space for the needs of the department. This project is intended to work in coordination with the county project to rebuild Rainbow Village. The current building is 5,300 square feet and was constructed in 1979./4	$3,500,000	N/A	Unfunded	1/24/2019	Matthew DiFiore
1150	Largo	Fire Station 42 Reconstruction	On top of issues regarding access and the age of the facility, the building has had multiple roof replacements, renovations, and updates throughout its life. It is recommended that a new building be built with better access for apparatus and better separation of living quarters for firefighters. The current building is 5,300 square feet and was constructed in 1978. /4	$3,500,000	N/A	Unfunded	1/24/2019	Matthew DiFiore
990	Largo	WWRF - Biosolids Building Hardening	The Biosolids building is a large industrial, pre-engineered metal building. It houses most of the operating components used to convert wastewater solid into a Class AA Biosolid product, used for fertilization. Due to the essential nature of the facility and the potential for the facility to sustain significant damage during a hurricane, a study was conducted to evaluate the structural performance of the building under the effects of a Category 3 hurricane. Based on the results of the contracted study, scope for this project includes either 1) structural modifications to the existing building, including roofing work, wall work, all structural bracing and stiffening, replacement of doors, windows, louvers (framed openings), and fans, and painting or 2) replacement of the entire building. /1, 2	$1,600,000	FY 18 -FY19	Wastewater (Local Fund)	1/24/2019	Matthew DiFiore

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1190	Largo	WWRF – Operations Center Reconstruction	The existing WWRF control building and laboratory, both of which are approximately 40 years of age, are not hurricane hardened. As these structures are essential to treatment plant operations, the Department would like to construct a new facility so that staff could continue to operate the plant after a storm event. This would entail design and construction of a new two-story building overlooking the process trains, which would be hurricane hardened for safe quartering during a storm. It would contain the main control room for SCADA workstations, a server room, a full laboratory for permit required lab analysis, storage for chemicals & supplies, a bunker/lounge area, a records room, and a variety of other needs to be determined during the design process. /1, 2	$4,570,000	FY 18-FY19	Wastewater (Local Fund)	1/24/2019	Matthew DiFiore
970	Largo	City Hall Reconstruction	The City Hall facility has a number of issues. First, it is not rated for hurricane winds and is in a flood plain. It has electrical and plumbing systems that are original to the building and are repeatedly needing repair. The HVAC system needs to be redesigned as it is not efficient and does not service employees there appropriately. The building is not hardened and has significant space utilization issues. This estimate would construct a new building with the same square footage of the current City Hall and does not include land acquisition or design costs at this time. Policy direction is needed to determine the needs for inside a new City Hall building. The current building is 57,740 square feet and was constructed in 1973. /1, 2	$18,000,000	N/A	Unfunded	1/24/2019	Matthew DiFiore
1000	Largo	Public Works Complex Reconstruction	Due to the complex being built on a former closed landfill, the soil underneath the complex is giving way to considerable damage to both the pavement used around the building and the buildings themselves. The Administration building is showing settling in both the facilities workshop and the fleet central stores area and while currently not a structure issue, may be in the near future. The building does not currently meet some ADA requirements for facilities of this nature and size and the building has had multiple issues with water intrusion over the past ten years. It is in the intention that through this project Public Works administrative and management functions can be reviewed, centralized, and coordinated more efficiently. This project scope and cost is based upon engineering estimates and a space needs analysis done in 2013. Costs include the environmental remediation, the moving of the fuel island, the consolidation of the divisions into one building, and associated vehicle storage areas. Total square footage of existing buildings is 44,528, Public Works Administration and Fleet building was constructed in 1976 and the Solid Waste facility was constructed in 1990. /3	$20,000,000	N/A	Unfunded	1/24/2019	Matthew DiFiore
1210	Largo	Regional Watershed Management Planning	The Regional Watershed Management Planning project was initiated in the FY2012-2016 CIP and identified the need for the development of a City-wide Watershed Management Plan for the various drainage basins (Starkey, Longbranch, Allen's Creek, McKay Creek) and sub-basins located in the City of Largo. This project included joint funding and participation with the South West Florida Water Management District, Pinellas County, City of Clearwater and other entities that share jurisdiction within the watersheds. The watershed management plans for McKay Creek, Allen's Creek, Long Branch Creek, Starkey Road Basin, and the Clearwater-Largo Road Drainage District Study were completed by FY14. The purpose of this project is to begin planning and designing stormwater system improvements based on the Best Management Practices (BMPs) identified in the Watershed Plans to address flooding, water quality, infrastructure rehabilitation, and meet regulatory requirements. This project will contribute to compliance with the City's National Pollutant Discharge Elimination System (NPDES) stormwater permit and pending Total Maximum Daily Loads (TMDL's) regulations which are administered by the Florida Department of Environmental Protection. /1	$14,800,000	N/A	Unfunded	1/24/2019	Matthew DiFiore
1090	Largo	WWRF Master Plan Improvements – Biological Treatment Systems	A portion of the overall project is intended raise critical components of the Largo Wastewater Reclamation Facility (WWRF) above the floodplain. This includes elevating the structure that contains the filter feed pump station and the new disk filters. It also includes four (4) new Motor Control Center (MCC) Buildings that are hardened and elevated. /1	$2,375,000	FY 18	Wastewater (Local Fund)	1/24/2019	Matthew DiFiore
944	Largo/ Engineering Services	126 Ave Church Creek Storm Drainage Improvements	Project will construct large conveyance piping to eliminate repeat property flooding and damage/1	$1,500,000	Unfunded	Local Funding	1/24/2019	Jerald Woloszynski
1060	Lealman SFCD / Emergency Management	Fire Station #18 EOC Hardening	Harden by installing roll down shutters, 5 double doors, 3 single doors and 16 windows. Estimated completion time: more than 12 months. / 2	$36,500	Currently Unfunded		1/24/2019	
980	Lealman SFCD / Emergency Management	Fire Station #19 Secondary EOC Hardening	Harden by adding roll down shutters, 4 single doors and 5 windows. Estimated completion time: more than 12 months. / 2	$12,700	Currently Unfunded		1/24/2019	
860	Lealman SFCD / Emergency Management	Fleet Building Hardening	Harden with roll down shutters, 2 single doors and 1 window. Estimated completion time: less than 12 months. / 2	$3,900	Currently unfunded		1/24/2019	
840	Lealman SFCD / Emergency Management	Fleet Building Emergency Power	Evaluate and install quick connect and power transfer switch. Estimated completion time: less than 12 months. / 4	$35,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1304	Madeira Beach	Emergency Operations Generator	Emergency Operations Generator to allow operations during state of emergency, power outages or other events of power loss.	$268,000	Currently Unfunded	HMGP	1/24/2019	Karen Paulson
	Madeira Beach	13001 Boca Avenue	Mitigation of SRL Property 13001 Boca Avenue	$200,000	Unfunded	HMGP & Private	1/24/2019	Michelle Orton
	Madeira Beach	847 Bay Point	Mitigation of SRL Property 847 Bay Point	$200,000	Unfunded	HMGP & Private	1/24/2019	Michelle Orton
	Madeira Beach	14196 W Parsley	Mitigation of SRL Property 14196 W Parsley	$200,000	Unfunded	HMGP & Private	1/24/2019	Michelle Orton
	Madeira Beach	911 Bay Point	Mitigation of SRL Property 911 Bay Point	$200,000	Unfunded	HMGP & Private	1/24/2019	Michelle Orton
	Madeira Beach	577 Crystal Drive	Mitigation of SRL Property 577 Crystal Drive	$200,000	Unfunded	HMGP & Private	1/24/2019	Michelle Orton
	Madeira Beach	Drainage Basin A – As depicted in the Stormwater Master Plan	Stormwater system upgrades to address flooding and tide control devices	$2,142,000	Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Michelle Orton
	Madeira Beach	Drainage Basin C – As depicted in the Stormwater Master Plan	Stormwater system upgrades to address flooding and tide control devices	$8,100,000	Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Michelle Orton
	Madeira Beach	Drainage Basin D – As depicted in the Stormwater Master Plan	Stormwater system upgrades to address flooding and tide control devices	$4,360,000	Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Michelle Orton
	Madeira Beach	Drainage Basin E- As depicted in the Stormwater Master Plan	Stormwater system upgrades to address flooding and tide control devices	$3,500,000	Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Michelle Orton
	Madeira Beach	Drainage Basin F – as depicted in the Stormwater Master Plan	Stormwater system upgrades to address flooding and tide control devices	$2,200,000	Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Michelle Orton

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	Madeira Beach	Underground Utilities	Underground utilities – East and West side streets	$3,000,000	Unfunded	Local	1/24/2019	Michelle Orton
	Madeira Beach	Drainage Basin B – As depicted in the Stormwater Master Plan	Stormwater system upgrades to address flooding and tide control devices	$3,166,000	Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Michelle Orton
890	Morton Plant Hospital / Clearwater	Hospital Retrofit	Replace windows at Morton Plan Hospital's Adler/ Women's Center Estimated completion time: more than 12 months. / 2	$680,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
890	Morton Plant Hospital / Clearwater	Hospital Retrofit	Replace the lower roof of Witt South building at Morton Plant Hospital. Estimated completion time: more than 12 months. / 2	$400,000	Currently Unfunded	FMAP; HMGP; PDM Program	1/24/2019	
840	North Redington Beach / Public Works	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	Currently Unfunded	FMAP; HMGP; PDM Program	1/24/2019	
830	North Redington Beach / Public Works	Stormwater Management #2	Implement retrofit of the remaining 14 storm water valves. Estimated completion time: more than 12 months. / 1	$210,000	Currently Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	
810	North Redington Beach / Public Works	Underground Utilities	Place underground utilities along Gulf Boulevard (NRB). Estimated completion time: more than 12 months. / 2	$7,000,000	Currently Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	
950	Oldsmar / City Clerk; IT	COOP Document Imaging	Document management program utilizing scanning and digitization of vital records for off-site storage and retrieval. / 4	$75,000	Currently Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Steven Everitt
880	Oldsmar / Planning and Redevelopment; Communications	Public Education and Information	Provide education and information to property and business owners about storm damage and ways to properly protect structures. Estimated completion time: more than 12 months. / 4	$25,000	Currently Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Steven Everitt
940	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	Currently Unfunded	FMAP; HMGP; PDM Program	1/24/2019	Steven Everitt
970	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	Currently Unfunded	State Revolving Funds, CDBGs; FMAP; HMGP; HMGP Planning	1/24/2019	Steven Everitt
995	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	Currently Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Steven Everitt
950	Oldsmar / Public Works; TECO	Bury Utilities Underground	Bury the overhead electric, telephone and cable TV utility lines in the Community Redevelopment District. Estimated completion time: more than 12 months. / 2	$2,000,000	Currently Unfunded		1/24/2019	Steven Everitt
1160	Oldsmar / Public Works; Water Reclamation	Flood Proofing and Hardening of Sanitary Sewer Lift Stations	Storm proof and retrofit eight existing sanitary sewer lift stations within the flood plain. Estimated completion time: more than 12 months. / 1, 2	$400,000	Currently Unfunded	EMPATF; HMGP; PDM Program	1/24/2019	Steven Everitt
930	PARC	Disabilities Registration	Provide computerized pre-registration for individuals with severe developmental disabilities. Estimated completion time: less than 12 months. / 4	$25,000	Currently Unfunded		1/24/2019	
920	PARC / St. Petersburg	Special Needs Shelter Retrofit	Harden PARC building to serve as a safe multi-hazard shelter including an emergency operation center. Estimated completion time: more than 12 months. / 2	$9,500,000	Currently Unfunded		1/24/2019	
920	PC Parks & Conservation Resources	Alligator Lake Habitat Restoration (845)	Comprehensive ecosystem restoration project for wetland and upland creation and enhancement and stormwater polishing. /2	$1,300,000	FY2012 - FY2018	Grant; Local funds; SWFWMD	1/24/2019	Steve Harper
680	PC Parks & Conservation Resources	Mobbly Bay Habitat Restoration (656)	Comprehensive ecosystem restoration project for wetland and upland creation and enhancement and stormwater polishing. /2	$1,100,000	FY2012 - FY2018	Grant; Local funds; SWFWMD	1/24/2019	Steve Harper
1255	PC Planning and Development Review Services	Sea Level Rise Vulnerability Assessment	Pinellas County Sea Level Rise and Storm Surge Vulnerability Assessment / 3	$450,000	FY18-FY20	U.S. Treasury	1/24/2019	Chris Moore
1200	PC Public Safety	County-wide	Replace seven (7) existing radio shelters housing the infrastructure of Pinellas County's 800 MHz Intergovernmental Public Safety Radio System serving over 10,000 responders to meet national standards and practices as defined by the Association of Public Safety Communication Officials (APCO) and local building codes. Shelter structures must be constructed to eliminate the threat of flooding with elevated platforms and drainage, while protecting against hurricane force winds. The hardening of sites is one of the most critical elements in the construction of a reliable communications system to prevent radio communication failure and better serve public safety responders and the public during routine incidents and major disasters. Public safety grade shelters are imperative to ensure the ability of public safety users to communicate at all times.	$15,130,000	FY16-18	Penny for Pinellas	1/24/2019	
1150	PC Public Works	Span Wire Intersection Replacement Program	Replacement of 24 existing span wire intersections with mast arms. Intersections are along major evacuation routes throughout Pinellas County. Approx. $240k per intersection. Estimated completion time: more than 12 months. / 4	$5,800,000	Unfunded	Seeking Pre-Disaster Mitigation Program grant funds	1/24/2019	Gina Harvey
860	PC Public Works	Pinellas Trail - 54th Ave Drainage Improvements (1823)[A]	Alleviate flooding on 54th Ave. N, Pinellas Trail, and 97th Way. Estimated completion time: more than 12 months. / 1	$1,500,000	FY2019 / In Progress	Penny for Pinellas/SWFWMD	1/24/2019	Rhonda Bowman
1020	PC Public Works	Pinellas County Stormwater Facilities (Countywide)[B]	1, 3	$25,992,000	FY2019-2024 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
870	PC Public Works	Drainage Pond Compliance Program (1629)[C]	Improve existing ponds for permit compliance. Estimated completion time: more than 12 months. / 1	$399,500	FY2019-FY2020 In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
	New PC Public Works	Lakeshore Estates Roadway & Drainage (001177A)	Lakeshore Estates Roadway & Drainage Improvements. / 1	$2,249,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
	New PC Public Works	Lakeshore Estates Roadway & Drainage (001177B)	Lakeshore Estates Roadway & Drainage Improvements to the existing stormwater system and road are required to alleviate flooding in portion of Lakeshore Estates. / 1	$900,000	FY2019 - FY2021 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
	New PC Public Works	Granger Drive Drainage Improvements (001683A)	Drainage improvements to alleviate street flooding on Granger Drive. / 1	$1,200,000	FY2020 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
1130	PC Public Works	Stormwater Conveyance System Improvement Program (921321)[D]	Replace/reline inadequate or deteriorating stormwater conveyance systems county wide. Estimated completion time: more than 12 months. / 1	$825,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
	New PC Public Works	Georgia Avenue Drainage from Seaford Avenue to Disston Street (002116A)	Project drainage limits are from Seaford Avenue to Disston Street along Georgia Avenue. / 1	$135,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
	New PC Public Works	Drainage Improvements on Pinebrook Canal between 142nd Avenue and Ulmerton Road (002119A)	Reduce flooding at Pinewood Villas through conveyance improvements. / 1	$30,000	FY2020 / Planned	Penny for Pinellas	1/24/2019	Rhonda Bowman
870	PC Public Works	Bee Branch Drainage Improvements (922333)[E]	Bank stabilization, erosion control, and drainage structure replacement. Estimated completion time: more than 12 months. / 3	$680,000	FY2019 / In Progress	Penny for Pinellas/ SWFWMD	1/24/2019	Rhonda Bowman

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New	PC Public Works	Bee Branch Phase 3 Erosion Control	Preliminary design of bank stabilization and erosion control along Bee Branch from the west side of 15th St westward to 14th St. / 3	$210,000	FY2019 – FY2020 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
1020	PC Public Works	Roosevelt Channel 5 Improvements[4]	Various BMPs from the 1981 Watershed Master Plans, Removal of salinity barrier. 1, 3. Increase box culvert size; water treatment ponds. / 1	$850,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
1120	PC Public Works	Cross Bayou Improvements[G]	Improve conveyance through Cross Bayou Canal and reduce duration of flooding. Removed material should be tested to account for pollutant removal. Estimated completion time: more than 12 months. / 1	$3,650,000	FY2019 - FY2021 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
830	PC Public Works	Cross Bayou Channel 2 - Rena Dr. (1821)[H]	Improve Cross Bayou Channel 2 from 66th St. to Pinecrest Subdivision. Estimated completion time: more than 12 months. / 1	$900,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Taylor Lake Seawall Replacement (002228A)	Replace failing seawall along the south side of 8th Avenue SW, repair and replace pedestrian facilities, provide drainage improvements and erosion control measures along roadway and in the vicinity of the weir structure. / 1,3	$2,150,000	FY2019 - FY2022 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Highland Avenue Pipe Replacement from Jeffords Street to Pine Street (002308A)	Removal of the existing system and replace with an updated one. / 1	$800,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
1020	PC Public Works	McKay Creek Drainage/Hickory[I]	1, 3	$1,000,000	FY2019 / In Progress	Penny for Pinellas/FDOT/SWFWMD	1/24/2019	Rhonda Bowman
New	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	$550,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Surface Water Pipe Lining/Remove & Replace (002625A)	Replacement or lining inadequate stormwater systems at locations throughout the County identified through the County's asset management process. Specific Projects are planned through a prioritization process. / 1	$15,000,000	FY2019 - FY2024 / In Progress	Surface Water Utility Fee	1/24/2019	Rhonda Bowman
New	PC Public Works	Lealman Regional Stormwater Facility (003001C)	Design and construct regional stormwater facilities in the Lealman Community Redevelopment Area (CRA) / 1	$375,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Stormwater Management Property Acquisition (003435A)	Preliminary design for regional stormwater park. / 1	$2,000,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Flood Prevention Program (003800A)	Capital improvements to reduce flood risk, improve infrastructure flooding level of service, resolve localized flooding or adapt to changing hydrologic conditions. / 1	$5,000,000	FY2020 - FY2024 / Planned	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Creek, Channel, Erosion Control Program (003810A)	To restore/stabilize creek and channels to achieve flood control, environmental enhancements, water quality and maintenance improvement objectives. To abate erosion of creeks, channels, and undesirable discharge of sediments into surface waters. / 3	$6,500,000	FY2020 - FY2024 / Planned	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Mullet Creek Channel B Bank Stabilization (003894A)	Preliminary design funding for repair and stabilization of banks, install erosion control measures along Mullet Creek near McMullen Booth Road and Cypress Trace Drive. / 3	$75,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Chenango Ave - Sedeeva Street Drainage Improvements (003895A)	Preliminary design for drainage improvements to alleviate flooding in the vicinity of Chenango Ave and Sedeeva. / 1	$75,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Crystal Beach Drainage Improvements (003896A)	Preliminary design to improve stormwater collection system to alleviate ponding and improve water quality in the area of Crystal Beach between Crystal Beach Ave and Georgia Ave. / 1,3	$250,000	FY2019 - FY2020 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Anclote Rd & Savannah Ave Drainage (003897A)	Preliminary design for drainage improvements to alleviate structural and road flooding in the vicinity of Anclote Rd & Savannah Ave. / 1	$305,000	FY2019 - FY2020 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	Lakeview and Keene Rd Drainage Improvements (003898A)	Preliminary design for drainage improvements to alleviate residential and yard flooding near Lakeview Rd and Keene Rd. / 1	$50,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
New	PC Public Works	98th Way - 100th Way Drainage Improvements (003899A)	Preliminary design for drainage improvements to alleviate flooding in the vicinity of 98th Way - 100th Way Seminole. / 1	$75,000	FY2019 / In Progress	Penny for Pinellas	1/24/2019	Rhonda Bowman
1000	PC Public Works	Acquisition of Repetitive Loss Properties	Purchase repetitive loss properties in unincorporated Pinellas County to mitigate losses. Estimated completion time: more than 12 months. / 1	$36,100,000	Currently Unfunded	HMGP, PDM, FMA	1/24/2019	Lisa Foster
960	PC Public Works	Repetitive Loss Area Analysis and Mitigation Projects Evaluation	Develop a detailed mitigation plan for repetitive loss areas and identify potential mitigation projects, develop scopes of work, budgets, and cost-benefit analyses for each. Estimated completion time: less than one year	$25,000	Currently Unfunded	Surface Water Assessment and HMGP	1/24/2019	Lisa Foster
1205	PC Public Works	Floodplain models for extreme events	Develop a simplified rain-on-grid family of storms flood models to see predicted inundation from severe rain events (exceeding standard 100 year event) for improved flood warning and response.	$66,667	FY2019 / In Progress	Surface Water Assessment and HMGP	1/24/2019	Paul Miselis
1197	PC Public Works	Real-time flood forecasting	Develop a real-time flood forecasting model to predict flooding from NWS rainfall and NOAA tide predictions for improved flood warning and response.	$66,667	FY2019 / In Progress	Surface Water Assessment and HMGP	1/24/2019	Paul Miselis
1205	PC Public Works	Rain and stream gage data correlation with flooding	Develop rain and stream gage data correlation to predict flooding in vicinity of existing stream gages and develop response procedures for gage levels at each location for improved flood warning and response.	$66,667	FY2019 / In Progress	Surface Water Assessment and HMGP	1/24/2019	Paul Miselis
1161	PC Utilities	Back Up Power and Pumping Equipment for Sewer Pumping Stations	Improve infrastructure resiliency to natural hazards by installing back up power and/or permanent bypass pumping at sewer pumping stations to maintain sewer transmission during emergency events. /4	$2,500,000	FY18 – FY20 / Unfunded	HMGP, PDM	1/24/2019	Ivy Drexler
978	PC Utilities	Force Main Sampling Equipment to Improve Sanitary Sewage Collection Process	The South Cross Bayou Water Reclamation Facility (SCBWRF) treats sanitary sewage collected from (4) different and independent collection system basins located in southern Pinellas County. There have been occurrences of monitored parameters exceeding the allowable limits in the influent ('hits'). Most recently these have included lead and copper, and other unknown compounds that have caused upsets in the treatment process. Although the County's IPP group is notified, there is no effective mechanism in-place that can quickly help identify the source(s) of these 'hits'. This equipment will help track those sources and potentially prevent them from causing a negative effect on the quality of the treatment process, reclaimed water and surface water discharge. /1	$450,000	FY19 – FY20 / Unfunded	HMGP	1/24/2019	Ivy Drexler
1118	PC Utilities	Drinking Water Facility Security Equipment	Installing additional pan and zoom cameras at drinking water facilities to cover blank areas. Provide remote gate control and install perimeter fencing. /1, 2	$250,000	FY19 – FY20 / Unfunded	HMGP	1/24/2019	Ivy Drexler

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1362	Pinellas County	Inverter Kits	A countywide benefit: During the event of Hurricane Irma in September 2017, Pinellas County sustained considerable damage to the power grid resulting in heavy power loss to traffic control lights and warning systems throughout most of the county. To supplement the available power options, an initial assessment was made along with the decision to implement the use of recently designed field inverters countywide. These inverters were specifically developed to provide a quick, temporary power source to traffic signals during power outages. A coordinated effort was organized by the Public Works' Transportation Division with the Pinellas County Sheriff's Office and local municipal law enforcement agencies to address these traffic signal outages, especially those at major intersections. The installation of inverters not only provided a temporary power source to the intersection's affected traffic signal, but also allowed law enforcement, who would normally direct traffic flow under these circumstances, to remain safely out of the flow of traffic. Inverters require only one officer and patrol vehicle to be at each location to run the inverter, versus 3-4 officers per location to manually direct traffic. Below is the list of materials and associated costs for the purchase of 100 inverter kits. 25% match funding could be acquired from Pinellas County Gas Tax. Hazards Addressed: All Hazards Inverter Kits: KISAE SW1220 2000W, 12V Pure Sine Wave Inverter: https://www.donrowe.com/KISAE-SW1220-Power-Inverter-p/sw1220.htm?gclid=Cj0KCQiAknfSBRCSARIsAL-u3X-GfE2hQ7RIgX0R-B7Sh2zY6a4D0P01pyXLFGSsv6o-0mg7Q45SoToaAm3xEALw_wcB #3/0 AWG 10ft cable set: http://www.donrowe.com/product-p/awg30-10.htm 300A ANL Fuse: http://www.donrowe.com/ANL300-300A-ANL-Fuse-p/anl300.htm		$62,000 Currently Unfunded\	HMGP	1/24/2019	
1392	Pinellas County	Roll-n-Pole Portable Sign Holder Kit	A countywide benefit: The roll-n-poll stop signs are easily accessible and portable. If traffic signals are to lose power in the event of a storm, these stop signs can be used in coordation with the Pinellas County Sheriff's Office and local municipal law enforcement agencies to assist with traffic control at roadways and intersections countywide. This will provide safer travel for drivers, while also enabling law enforcement to tend to other matters that occur during or after a major event. During the event of Hurricane Irma in September 2017, Pinellas County did sustained considerable damage to the power grid resulting in heavy power losses to traffic control lights and warning systems throughout most of the county. This included loss of power to a minimum of 148 of the 365 traffic signals maintained by the Pinellas County Public Works' Transportation Division. The Pinellas County Sheriff's Office provided traffic control manually at 75 intersections the day after the storm. For larger signal locations, as many as four deputies and four police cruisers were required at a single intersection to safely control traffic. One of the methods used to control traffic was the use of stop signs that were constructed on bulky wooden pallets making them portable. However, there were not enough stop signs to provide necessary coverage at all of the intersections. The Roll-n-Pole stop signs will provide an easy to use method to assist with traffic flow and coordination during future emergency events. 25% match funding could be acquired from Pinellas County Gas Tax. Hazards Addressed: All Hazards 500 Roll-n-Pole Portable Sign Holders: 24" sign with 46" pole & 18" diameter base: https://www.roadtrafficsigns.com/stop-46in-portable-sign-holder-kit/sku-k-roll-1097		$59,835 Currently Unfunded\	HMGP	1/24/2019	
1332	Pinellas County	Mast Arm Upgrades	A countywide benefit: Installation and/or upgrade of Mast Arms at 16 locations throughout the county located on hurricane evacuation routes (see chart LMS Mast Arm Upgrade List and Mast Arm Map - located below). 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. An example is the span wire located on Belleair Road and Gulf Boulevard which fell during Irma and has since been replaced with a mast arm. 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. 25% Match funding could be acquired from Penny for Pinellas tax. Hazards Addressed: 4. All Hazard		$6,000,000 Currently Unfunded\	HMGP	1/24/2019	
1335	Pinellas County	Stock Generators	A countywide benefit: To assist with the safety and welfare of citizens, the stock generators will provide a temporary, long-term power source to traffic signals throughout the county in the event of a natural disaster or emergency where there is power loss. Generators are utilized for long-term relief for larger intersections that require more power. Additionally, generators will be used as a temporary source of power supply for public works crews who are responding post-storm. 25% match funding could be acquired from Pinellas County Gas Tax. Hazards Addressed: All Hazards 50 Honda EU3000is Super Quiet Light Weight Inverter 3000W 120V Fuel Efficient Generator: http://www.electricgeneratordepot.com/honda-super-quiet-light-weight-inverter-3000w-120v-fuel-efficient-generator-with-parallel-capability-and-oil-alert-5880		$116,498 Currently Unfunded\	HMGP	1/24/2019	
1158	Pinellas County	Rebuilding of Public Works Buildings #20 and 4	A countywide benefit: Buildings 20 and 4, located at 22211 U.S. Highway 19 N., Clearwater, are far past their useful life. One building has been deemed uninhabitable, and the first floor of the other building has never been repaired from damage due to Tropical Storm Debby in 2012. Both buildings were reviewed for hardening in the past and it was determined that the majority of the structure would need to be rebuilt. Requested funding would be used to elevate and reconstruct the buildings as Category 5 facilities that can provide emergency operations countywide and also be habitable by staff. The elevating of the buildings and reconstructing will alleviate future repetitive loss.		$3,000,000 Currently Unfunded\	HMGP	1/24/2019	

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1053	Pinellas County	Cross Bayou Floodplain Restoration and Mitigation	The Cross Bayou Floodplain Restoration and Mitigation Project includes the acquisition of two properties; the removal of 94 manufactured homes, an office building, and two commercial structures; the removal of all infrastructure associated with the mobile home park and commercial property; and the restoration of over 10 acres into a green space that will provide for floodplain, stormwater, and other ecosystem services, and recreational opportunity. The PreFIRM mobile home park and commercial business to the south were developed in a low lying area along Cross Bayou, a tidally influenced creek in the Cross Bayou watershed. There are 95 structures in the park, including the manufactured homes and office. Over 85% of the mobile home park and the entire commercial lot flood with a mean annual rain event. Over 95% of the park becomes inundated with a 10 year event with depths in areas of the park reaching 3 ft and over 4 ft, respectively. The entire property is inundated with a 100 year storm with depths up to 6 feet in areas. This project will remove 97 structures from the 25, 50, and, 100 year floodplains and restoration of the property will provide areas for natural floodplain functions, including additional floodplain storage, water quality treatment, addition of habitat, and recreational features.	$5,000,000	Currently Unfunded\	HMGP	1/24/2019	
1245	Pinellas County	Solar Traffic Signal - Test Bed	A countywide benefit: To develop a battery/solar powered traffic signal equipment to provide power outage protection for traffic control devices at test locations throughout the county. A solar traffic signal will support the efficient flow of motorists in the event that a traffic signal may lose electricity during a storm or related event. The technology developed and used for the solar traffic test beds could be utilized throughout the entire county maintained signal system. This would help Pinellas County reduce its dependence on utility power as much as possible and could lead to a substantial power and money savings in the future. 25% match funding could be acquired from Pinellas County Gas Tax. Hazards Addressed: All Hazards	$300,000	Currently Unfunded\	HMGP	1/24/2019	
1053	Pinellas County	Lower Bee Branch Drainage Improvements and Caladesi Repetitive Loss Area Acquisition	The Lower Bee Branch Bypass Drainage Improvements and Caladesi Repetitive Loss Area Acquisition project mitigates hazards from both inland and Coastal flooding. The project is comprised of structural drainage improvement / stream restoration component (Alternative 3) and a repetitive loss acquisition / water quality pond / natural wetland creation components (Alternative 5) of the attached Drainage Study for Lower bee Branch Bypass. The Lower Bee Branch Bypass structural drainage improvements / stream restoration component reduces flooding by as much as 2.6 feet for the 100-year/24-hour freshwater flood event. This is a capital improvement project for a double box culvert structure to bypass flood flows from Bee Branch near the north end of Hidden Brook Drive to downstream of the existing culverts under Pennsylvania Avenue. The box culvert would run under Virginia Avenue and Pennsylvania Avenue staying within existing rights-of-way where possible. The existing stream bed is ecologically restored and will continue to carry normal low-flows. Collectively, drainage system capacity is greatly increased. The estimated cost of the Lower Bee Branch Bypass Drainage Improvements is $6.5M based on estimate for Alternative 3. The Caladesi Repetitive Loss Area Acquisition component acquires the 5.5 acre Caladesi RV Park property, vacates 6 buildings and approximately 90 mobile home / recreational vehicle from the 100- floodplain and constructs an ecologically enhanced regional retention / water quality treatment pond facility in its place. The pond system will enhance water quality in the estuary through biological nutrient uptake in created wetlands and also capture sediments. The estimated cost of this repetitive loss property acquisition component is estimated as approximately $2.2M based on estimate for Alternative 5.	$8,700,000	Currently Unfunded\	HMGP	1/24/2019	
1179	Pinellas County	Re-establish Coastal Benchmarks in Pinellas County	There is approximately 23 miles of coastal beach from Pass-a-grille to Sand Key Bridge where most coastal benchmarks with elevations have been destroyed. Estimate approximately $4,500 per mile to re-establish coastal benchmarks for all 23 miles for a total of approximately $104,000 (for the survey bench run and bluebooking) plus approximately $28,000 for the monuments plus project management time. Total estimate $150k. Funding requested is to start re-establishing benchmarks for 5 to 10 miles along the coast for $40,000. Further funding would be sought to complete the project over the next several years.	$150,000	Currently Unfunded\	HMGP	1/24/2019	
1000	Pinellas Park	Replace Generator at Technical Services Building	Emergency Generator Installation to Maintain Service / 4	$200,000	FY 2018-2019	Capital Equipment Replacement Fund	1/24/2019	S. Boisvert
1180	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	FY 2018-2019	CRA/TIF/City	1/24/2019	S. Boisvert
1270	Pinellas Park	Fire Station 35 Fuel Tank Replacement	Convault Tank Installation for Emergency Generator to Maintain Service / 4	$20,000	FY 2018-2019	Infrastructure Sales Tax	1/24/2019	S. Boisvert
933	Pinellas Park	60th Street - Roadway, Utilities & Drainage Improvements	Improvement of drainage and related infrastructure along 60th Street N. from 102nd Avenue N. to 110th Avenue N., including culverting existing ditches, installing sidewalks, replacement of existing asbestos concrete water main with new 6" PVC, and reconstruction of existing roadway. /4	$4,000,000	Unfunded	Safe Routes, FDEP, CDBG, Infrastructure Sales Tax, Stormwater Utility Fee.	1/24/2019	S. Boisvert
1199	Pinellas Park	Fire Station 16	Relocation or construction of fire station ./4	$4,000,000	Unfunded	IST, Pinellas County, HMGP, FEMA Grant, Local coffers	1/24/2019	S. Boisvert
1199	Pinellas Park	Fire Station 35	Relocation or construction of fire station ./4	$4,000,000	Unfunded	IST, Pinellas County, HMGP, FEMA Grant, Local coffers	1/24/2019	S. Boisvert
1199	Pinellas Park	Fire Station 36 (Mainlands/Gateway)	Construct new 3-bay fire station at US 19 and 78th Avenue to improve serve to the Mainlands/Gateway area. /4	$4,000,000	FY 20-21	Bond Funds	1/24/2019	S. Boisvert
1068	Pinellas Park	Park Station Hardening and Generator	Park Station is a multi-use community building owned and operated by the City of Pinellas Park and located within the City's Community Redevelopment Area (CRA). The building is home to the Pinellas Park Gateway Chamber of Commerce, Pinellas Park Art Society, Pinellas Park Historical Society, Roe's Delicatessen, and the City's Communications and Marketing Department. Area businesses and non-profits are able to rent space at Park Station for meetings and events. In the days leading up to Hurricane Irma, city workers making storm preparations were provided hot meals at Park Station prepared by Roe's Deli. Following Hurricane Irma, FEMA representatives established a Disaster Recovery Center at Park Station where city and county residents could obtain recovery information and file an application for federal disaster assistance. Park Station is a critical asset to the community and is need of certain modifications to ensure its ability to provide continued services to city and county citizens after a disaster. In an effort to protect property and become a more disaster resilient community, the proposed project includes hardening of Park Station to include roof, walls, opening protection and installation of a permanent generator.	$825,000	Currently Unfunded - HMGP application under state review for Tier 1 funding.	HMGP/Local	1/24/2019	S. Boisvert

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1061	Pinellas Park	Barbara S. Ponce Library Hardening and Generator	Throughout history, public libraries have served communities during times of crisis and have played a critical role in helping create a sense of normalcy amid chaos. In the wake of Hurricane Irma, the Barbara S. Ponce (BSP) Library in Pinellas Park became an anchor for the community by providing a safe place for citizens to gather and find out the latest post-storm information. Irma had weakened to a tropical storm by the time it passed east of Pinellas County, yet it left over 430,000 customers in the county without power – some for over a week. Many of those customers were able to take refuge in the library after the storm to cool off, recharge their devices and use the library's bank of computers to check email and apply for disaster assistance. Irma's impact was minimal which allowed the library to open quickly after the storm. However, the library's structure is not equipped or designed to withstand hurricane-force winds. The BSP Library is a critical asset to the community and needs certain modifications to ensure its ability to provide continued services to city and county citizens after a disaster. In an effort to protect property and become a more disaster resilient community, the proposed project includes hardening of Barbara S. Ponce Library to include roof, walls, opening protection and installation of a permanent generator.	$1,075,000	Currently Unfunded - HMGP application under state review for Tier 1 funding.	HMGP/Local	1/24/2019	S. Boisvert
1124	Pinellas Park	Installation of Shutters at City Buildings	Prior to a major wind event such as a tropical storm or hurricane, the City of Pinellas Park enacts measures to protect 16 city-owned critical facilities from wind and storm damage by manually installing storm shutter panels to the door and window openings of each building. These buildings include a school, library, performing arts center, three fire stations, four recreation centers, three city service centers and a document storage facility. Preceding Hurricane Irma, the protection of these buildings required 20-30 personnel from Public Works, Utilities, and Parks and Recreation working for 3 days to manually install storm shutter panels on these facilities. In an effort to protect property and become a more disaster resilient community, the proposed project involves providing opening protection to include pre-installed hand-crank storm shutters for City facilities. These hand-crank storm shutters allow for personnel to better utilize their time and effort for emergency protective measures by filling sand bags and distributing food and water to shelters.	$677,000	Currently Unfunded - HMGP application under state review for Tier 1 funding.	HMGP/Local	1/24/2019	S. Boisvert
890	Pinellas Park / Fire Dept.	Community Emergency Response Team (CERT).	Supply CERT Training to 60 trainees. Estimated completion time: less than 12 months. / 4	$30,000	Currently Unfunded	EMPATF, HMGP; PDM Program, and local funds (i.e., Penny for Pinellas)	1/24/2019	S. Boisvert
970	Pinellas Park / Public Works	Structure Hardening - Forbes Recreation Center	Harden the recreation center to temporarily house emergency critical employees during and after a storm event. Estimated completion time: more than 12 months. / 2	$775,000	Currently Unfunded	EMPATF, HMGP; PDM Program; & local funds	1/24/2019	S. Boisvert
980	Pinellas Park	Fire Station 34	Fire Station #34 at its present location cannot effectively service the geographic area which it originally serviced due to unanticipated growth and expansion. It is necessary to either relocate FS 34 or construct another station to serve the western third of the community. /4	$7,000,000	Unfunded	EMPATF, HMGP; PDM Program; & local funds	1/24/2019	S. Boisvert
1020	Pinellas Park	Fairlawn Subdivision Drainage Improvements	Install a stormwater collection and conveyance system in a subdivision originally developed in the County in the 1960s and 70s. This would eliminate issues of localized flooding and dangerous stormwater inlets. /1	$3,500,000.00	Unfunded	Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM CDBG.	1/24/2019	S. Boisvert
905	Pinellas Park/ Public Works	Primary EOC and Storm Safe Parking Facility	Develop a storm safe multi-level parking garage with the City's Primary EOC atop of the structure. The EOC would be situated above both storm surge and 100 year floodplain hazards and be constructed to be wind resistant. The elevated status would provide for self-sufficiency by utilizing solar and wind energy to supplement the local power company source when power failure occurs. Additionally the structure would be constructed to protect response vehicles of personnel that are housed at the City Shelter next door. The structure would also be able to serve as a support feature for downtown development and support a future rail or BRT stop since the proposed site is near Park Station. /4	$4,500,000	Currently Unfunded	HMGP, EMPATF, and local funds (i.e. Penny for Pinellas)	1/24/2019	S. Boisvert
835	Pinellas Park/ Public Works	78th Ave. and 78th St. Stormwater Improvements	Install a stormwater system to eliminate localized flooding. /1	$750,000	Currently Unfunded	Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program	1/24/2019	S. Boisvert
839	Pinellas Park	Jan Cory Subdivision Infrastructure Improvements	Design and construct a drainage system within the subdivision which would include improving rural roads to provide curbing, culverting open conveyance systems, road improvements, sidewalk, and utility relocates and upgrades.	$4,200,000	Unfunded	Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM CDBG.	1/24/2019	S. Boisvert
926	Pinellas Park	Pond Improvements: 46th Street & 76th Avenue.	Perform maintenance on a wet pond and bring it back to the original site plan specifications and dredge.	$200,000	FY 2019-2020	Stormwater Fee	1/24/2019	S. Boisvert
926	Pinellas Park	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.	$150,000	FY 2019-2020	Stormwater Fee	1/24/2019	S. Boisvert
926	Pinellas Park	Pond Improvements: 64th Way & 102nd Avenue	Perform maintenance on a wet pond and bring it back to the original site plan specifications and dredge.	$150,000	FY 2019-2020	Stormwater Fee	1/24/2019	S. Boisvert
869	Pinellas Park	(Phase II) Garnett Subdivision Drainage Improvements	Garnett & North Disston Subdivisions - 40 acre +/- tract situated between 82nd Avenue 86th Avenue & 46th Street, 49th Street. Phase II project will improve drainage to the Garnett Subdivision and mitigate roadway ponding and flooding that occurs within this subdivision. Project includes 46th Street, 47th Street, 87th Avenue, 87th Terrace, and 88th Avenue; mills and repave 88th Avenue; total rebuild on 46th Street, 47th Street, 87th Avenue and 87th Terrace; update sidewalks to ADA standards in project area.	$2,035,000	FY 2020-21	Stormwater Fee, IST	1/24/2019	S. Boisvert
970	Pinellas Park	Public Safety Complex - Police and Fire Administration and Emergency Operations Center	This centralized complex would combine facilities for Police Department and Fire Administration. The structure will be built to withstand natural threats, allow for centralized communications and operations, reduce costs and increase the efficiency of coordination between these entities. The complex will also serve as the first responders Emergency Operations Center and a secondary EOC for city operations.	$25,000,000	Unfunded	Bond Funds, EMPATF, HMGP, PDM, local.	1/24/2019	S. Boisvert
1322	Pinellas Suncoast Fire & Rescue District	Generator power for interim EOC	Two of the District's three fire stations are in a Level A evacuation zone in Pinellas County. The fire district does not have an Emergency Operations Center (EOC) and evacuations of fire stations and fire department administration requires all district operations move to a remote site located at the Indian Rocks Christian School. While this site is rated for Category 5 hurricane winds, the site does not have back-up power. The above project will place a generator and automatic power switch will enable uninterrupted emergency operations during and after a storm, making the fire district more disaster resilient.	$328,120	Currently Unfunded	HMGP	1/24/2019	
1223	Pinellas Suncoast Fire & Rescue District	Construction of new fire station to meet current building standards in alternate location	Current fire station does not meet building standards. Natural disasters, such as hurricanes require district personnel, i.e. firefighters and paramedics to evacuate to a safer location. Evacuation of personnel and equipment significantly delays response to emergencies during and after storms or other disasters. Construction of a fire station meeting current building standards will allow emergency personnel to remain in the fire station during and after a storm, thereby improving response times and service to four barrier island communities and unincorporated mainland area.	$4,000,000	Currently Unfunded	PDM	1/24/2019	
1311	REBUILD Northwest Florida, Inc.	Statewide Residential Wind Retrofit Project	REBUILD proposes to provide wind retrofits include protection for (1) roof-to-wall connections; (2) gable end bracing/sheathing; (3) opening protection and (4) other critical structural strengthening as determined a structural engineer for up to 3,000 homes in Pinellas County	$30,000,000	Currently unfunded	HMGP	1/24/2019	Chris Moore
1248	Redington Shores	Stormwater Backflow Valve	Minimize flooding in the town's lowest lying areas in town. These areas flood during major rain events and high tide.	$24,000	Currently Unfunded	HMGP	1/24/2019	

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1169	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 Currently Unfunded	HMGP	1/24/2019	
1110	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 Town Funded	EMPATF, HMGP; PDM Program	1/24/2019	Steve Andrews
1050	Redington Shores / Emergency Management	Relocation or Re-elevation of Town Hall EOC (Critical Facility)	Town Hall / EOC updates to existing for Coastal High Hazard AE zone located at 17425 Gulf Blvd. Estimated completion time: more than 24 months.		$2,150,000 Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	Steve Andrews
880	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. Estimated completion time: less than 12 months. / 1		$35,000 Town Funded	Town annual budget for EM.	1/24/2019	Steve Andrews
1240	Redington Shores / Flood Stormwater Planning	Create a Revised CRS program for the Town	Consultant to review/recommend program upgrades to flood management planning / 1 / 2		$8,000 Town Funded	Local	1/24/2019	Steve Andrews
870	Redington Shores / Preservation / Parks area	Create a Beach (Erosion) Management plan.	Provide for plans and specifications to expand existing Dune System and Walkover use. Estimated completion time: more than 12 months. / 2		$150,000 Currently Unfunded	CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning	1/24/2019	Steve Andrews
850	Redington Shores / Public Works	Stormwater Management	Rebuild stormwater drainage system in the last three (3) phases. Two phases were completed early 2006. Estimated completion time: more than 12 months. / 1		$3,100,000 Funding by SWFWMD Grant and Town C.I.P. 2008-2009.	CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants	1/24/2019	Steve Andrews
830	Redington Shores / Public Works	Flood proofing, Structural Hardening of Town Maintenance Garage (Essential Facility)	Wet Flood Proofing and bracing the Town's existing Maintenance facility located at 155 174th Ave. E. Located in FEMA Zone AE-11. Estimated completion time: more than 12 months. / 1		$150,000 Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	Steve Andrews
820	Redington Shores / Public Works	Underground Utilities	Place underground electrical, telephone and cable utilities to all properties along Gulf Boulevard from 175th Avenue to 83rd Terrace West. Estimated completion time: more than 12 months. / 2		$7,500,000 Currently Unfunded	CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning	1/24/2019	Steve Andrews
960	Redington Shores / Sewer Department	Flood and wind retrofit of lift stations	Storm proof sanitary sewer lift stations (3). Estimated completion time: less than 12 months. / 1		$550,000 Currently Unfunded	CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning	1/24/2019	Steve Andrews
1140	Safety Harbor	Library Lift Station	Complete renovation of Sanitary Sewer Liftstation. Failure of this lift station would not only impact the delivery of sanitary sewer service but could also lead to backup of sewage into homes and overflow into Tampa Bay.		$60,000		1/24/2019	Brandon Henry
1320	Safety Harbor	Baytowne West Lift Station	Complete Renovation of Sanitary Sewer Lift Station. / 1,2		$60,000 FY20/21	Local	1/24/2019	Brandon Henry
1320	Safety Harbor	North Bayshore Lift Station	Complete Renovation of Sanitary Sewer Lift Station. / 1,2		$60,000 FY18/19	Local	1/24/2019	Brandon Henry
1270	Safety Harbor	Cypress Hollow Lift Station Repair	Complete Renovation of Sanitary Sewer Lift Station. / 1,2		$60,000 FY19/20	Local	1/24/2019	Michael Schoderbock
1270	Safety Harbor	Harbor Woods Lift Station Repair	Complete Renovation of Sanitary Sewer Lift Station. / 1,2		$75,000 FY22/23	Local	1/24/2019	Brandon Henry
1030	South Pasadena / Public Works	City Hall Window Protection	Install protective window film on all windows in City Hall. Estimated completion time: less than 12 months. / 2		$50,000 Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program	1/24/2019	
1010	South Pasadena / Public Works	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 Currently Unfunded	FDOT; EMPATF, Hazard Mitigation Grant Program; PDM Program.	1/24/2019	
950	South Pasadena / Public Works	Generators	Install emergency generator at city hall. Estimated completion time: less than 12 months. / 4		$60,000 Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program; Penny for Pinellas	1/24/2019	
915	South Pasadena / Public Works	Bury Utilities	Bury utilities on all streets. Phase I - main roads $1,500,000. Phase II - $2,000,000. Estimated completion time: more than 12 months. / 2		$3,500,000 Currently Unfunded	CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning	1/24/2019	
1352	South Pasadena/Fire Department	Portable Generator and Transfer Switch Upgrade at Fire Station 20	Purchase and installation of new portable 175kW diesel generator and applicable electronic transfer switch at Fire Station #20 in South Pasadena, FL. Post Hurricane Irma, Fire Station 20 lost electrical power for four (4) days. During this time frame, Station 20 relied on an older generator configuration that was unable to supply sufficient electricity to run the air conditioning system or sufficient electrical outlets throughout the fire station. The City of South Pasadena is seeking funds that will provide an alternate electrical power source capable of running the fire station's AC system as well as sufficient outlets to run station computers, dispatch printer(s), and communications equipment. Natural Hazards addressed include 1-Flooding, 2 - Strom Wind, and 4 - All Hazard.		Currently Unfunded; $78,000 Project for FY 2020	Pre-Disaster Mitigation (PDM), Hurricane Program, Penny Sales Tax	1/24/2019	David Mixson
1284	South Pasadena/Fire Department	Fire Station #20	The City of South Pasadena will construct a new fire station designed to withstand hazards posed by hurricanes, to include wind, storm surge and flooding, as well as threats posed by future sea-level rise. The City of South Pasadena is located in a FEMA AE-12 Flood Zone. The City of South Pasadena per city ordinance has increase the B.F.E. by 2 feet and as such the new fire station shall be constructed at 14 feet above sea level. The new fire station will house apparatus and personnel assigned to both fire suppression and emergency medical response activities. Part of the station design and scope will include an Emergency Operations Center (EOC) for the City of South Pasadena. Natural Hazards Addressed include: 1 - Flooding, 2 - Storm Wind, 4 - All Hazards.		Currently Unfunded; $4,500,000 Project for FY 2021	Pre-Disaster Mitigation (PDM), Hurricane Program, Penny Sales Tax	1/24/2019	David Mixson
780	St. Anthony's Hospital / St. Petersburg	Public Education	Develop a community education program to provide a better interface between the City and its stakeholders. Estimated completion time: less than 12 months. / 4		$10,000 Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program	1/24/2019	
780	St. Anthony's Hospital / St. Petersburg	ER Retrofit to provide surge capacity for emergencies	Build surge capacity for St. Anthony's Hospital including a new Emergency Dept. Estimated completion time: more than 12 months. / 4		$2,000,000 Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program	1/24/2019	
1330	St. Pete Beach	City EOC Retrofit	Provide shutters for the city EOC. Estimated completion time: less than 12 months. / 2		$40,000 Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	C.W. Porter
890	St. Pete Beach	Flood Proof Recreation Building	Flood-proof recreation building. Estimated completion time: more than 12 months. / 1		$350,000 Currently Unfunded	FMAP; HMGP; PDM Program; EMPATF	1/24/2019	C.W. Porter
1000	St. Pete Beach	Acquisition of Repetitive Loss Properties	Purchase repetitive loss properties to mitigate losses. Estimated completion time: more than 12 months. / 1		$1,000,000 Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	C.W. Porter
1220	St. Pete Beach	Dune Creation	Create dunes where there are gaps in the system and restore those which do not meet current FDEP dune standards. This will protect the entire city against the impacts of storms and damage to lives and property. /1,3		$500,000 Currently Unfunded		1/24/2019	C.W. Porter
1060	St. Pete Beach	Sea Level Rise Study	Identify areas which are particularly vulnerable to sea level rise and which experience frequent flooding and develop an action plan to mitigate future damages. Many areas of the city become inundated with water during storms and greatly affect the welfare of the community. By developing strategies to prevent this, the city will reduces the threat level of flooding and erosion. / 1		$40,000 Currently Unfunded		1/24/2019	C.W. Porter
1313	St. Pete Beach	Stormwater Improvements	Ongoing improvements to the City's stormwater infrastructure. Repair locations are prioritized based on stormwater flooding throughout the City./1		$ 600,000 annually 2018-$3,000,000 2022	Stormwater Fund, HGMP, SWFWMD.	1/24/2019	C.W. Porter
1262	St. Pete Beach	Seawall Rehabilitation	Seawall repair and replacement in accordance with established level of service. City staff review inventory and prioritize project locations annually./3		$ 100,000 annually 2018-$500,000 2022	Capital Projects Fund	1/24/2019	C.W. Porter

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1029	St. Pete Beach	Sub-Aqueous Condition Assessment	Condition assessment of all force mains to plan future maintenance and replacement in order to prevent sanitary sewer overflows (SSOs) into bodies of water that surround the island. Project includes a highly detailed assessment of the force main leading from pump station no. 1./1	$175,000	Less than 12 months	Wastewater Fund	1/24/2019	C.W. Porter
1073	St. Pete Beach	Gulf Boulevard Electric Undergrounding	Undergrounding of electric utility lines adjacent to Gulf Boulevard./2	$4,500,000	More than 12 months	Penny for Pinellas, Interlocal Agreement with Pinellas County	1/24/2019	C.W. Porter
1091	St. Pete Beach	Dune Walkover Replacement	Dune walkover replacement at 12th Avenue and 16th Avenue to meet FDEP requirements and increase resiliency by increasing the heighth of the walkover to permit the dunes to grow./1,3	$120,000	Less than 12 months	Grant from Pinellas County	1/24/2019	C.W. Porter
1142	St. Pete Beach	Alley Improvements	Replacement of the existing eastern north-south shell alley between 21st and 22nd Avenue in Pass-a-Grille with a new concrete alley, designed to convey stormwater to the newly installed stormwater collection system on Pass-a-Grille Way./1	$100,000	18 months	Capital Projects Fund	1/24/2019	C.W. Porter
1169	St. Pete Beach	Blind Pass Stormwater Basin Connections	The Blind Pass Road stormwater system is designed to connect 7 flood control basins. This project will connect the first basin to the new twin 60" stormwater pipes. Anticipated project schedule includes one basin per year for the next 7 years until the project is complete. /1	$1,400,000	7 years	Stormwater Fund, SWFWMD	1/24/2019	C.W. Porter
1080	St. Pete Beach	Boca Ciega Isle Stormwater Improvements	Improvements in stormwater basin 6F identified in the Stormwater Master Plan. This basin contains 5.8 acres in a residential zone and comprises the east end of Boca Ciega Isle./1	$350,000	18 months	Stormwater Fund	1/24/2019	C.W. Porter
1227	St. Pete Beach	Fire Deparment Dock	Infrastructure improvements to the City-owned area across from Station 22 to facilitate the operation of Fire Boat 22 (100% County-funded vessel). Improvements include a dock, boat lift, and all required electrical equipment./4	$35,000	Less than 12 months	Capital Projects Fund	1/24/2019	C.W. Porter
1152	St. Pete Beach	GIS Integration System	Camera system integrated with GIS mapping for exact pipe and infrastructure location. Software system integrates with the Work Order Management System for mapping maintenance./1	$80,000	18 months	Stormwater Fund	1/24/2019	C.W. Porter
1047	St. Pete Beach	Pump Replacement Stock	"Change out" pumps reduce service interruption, the likelihood of SSOs, and the associated emergency maintenance cost. One surplus pump for each of the five different types currently in service will be acquired. /4	$120,000	Less than 12 months	Wastewater Fund	1/24/2019	C.W. Porter
1101	St. Pete Beach	Valve Vault Repair	The combined valve vault where the outflow from the Cities of Treasure Island and St. Pete Beach enter the City of St. Petersburg's wastewater system are frozen in the open position. This project will install a new 20-inch valve to help reduce the possibility of SSOs./4	$310,000	24 months	Wastewater Fund	1/24/2019	C.W. Porter
1065	St. Pete Beach	Wastewater Inflow and Infiltration Repairs	Priority-based improvements to wastewater system infrastructure to help reduce the possibility of SSOs. The City received a system-wide Inflow and Infiltration study in fiscal year 2017, which prioritizes manhole, lining, and pipe point repairs./4	$4,900,000	5 years	Wastewater Fund	1/24/2019	C.W. Porter
1299	St. Pete Beach	Generator at Station 22	Provide and install 40-kilowatt natural gas-fired generator to be located on the roof in order to meet FEMA regulations at Fire Station 22, including roof engineering and construction as well as running TECO natural gas line to the building in order to ensure Continuity of Operations./4	$150,000	2 years	Currently Unfunded	1/24/2019	C.W. Porter
1230	St. Petersburg	Southwest Water Reclamation Facility Resiliency Wall	The City of St. Petersburg Engineering Department proposes to use FEMA Hazard Mitigation Grant Program (HMGP) funds to design and construct a hydrostatic wall surrounding the Southwest Water Reclamation Facility (SWWRF). The SWWRF is located less than a mile from the Gulf of Mexico and currently resides in Zone AE, equivalent to a 1 percent annual chance inundation area, with a Base Flood Elevation (BFE) of 11 to 12 throughout the site. The site is at medium to high exposure risk of flooding, and if the facility is inundated and rendered out of service, there is the potential that untreated wastewater would discharge into the Gulf of Mexico and the facility could be out of service for a significant duration of time. Most assets at the site are elevated to similar heights (between 11 and 12 feet NAVD), which leaves limited capacity to respond to current and future conditions such as sea level rise. The Tampa Bay Climate Science Advisory Panel (CSAP) has found that the Tampa Bay region may experience sea level rise somewhere between 6 inches to 2.5 feet by 2050, which could increase the BFE at the SWRRF site by as much. The proposed flood wall will protect the facility during present-day and future storm surge events, benefitting the structural longevity of the SWWRF and allowing the facility to continue operation and provide wastewater service to a large service population that extends beyond City boundaries. The flood wall will provide further benefit to the surrounding wetland habitats and neighboring properties by preventing any sanitary sewer overflows that may occur during heavy events from infiltration the site. Implementation of the floodwall would accomplish not one but two Pinellas County LMS Goals: 1. Become a more disaster resilient community; and 2. Minimize coastal flooding losses in the coastal high hazard area, coastal storm area, and hurricane vulnerability zone. The proposed project also meets multiple objectives under these goals, including: Objective 1.6 (Property Protection): Identify, assess, prioritize, and harden critical facilities and key critical infrastructure. Objective 1.11 (Structural Projects): Support the construction of structures that reduce the impact of hazards including stormwater controls, floodwalls, seawalls, security and monitoring capabilities, and safe rooms. Objective 2.8 (Structural Projects): Identify structural projects where appropriate that minimize coastal flooding loss but protect environmental resources.	$6,000,000	Currently Unfunded	HMGP	1/24/2019	
1289	St. Petersburg	James Weldon Johnson Library Generator	The aim of this project is to strengthen this building's infrastructure where the Library systems technological hub is located. It will fortify the building's ability to serve as a Disaster Recovery Center as well as an alternate Emergency Operations Center. This will also ensure the Libraries ability to serve the public system wide provided there aren't any extenuating circumstances with the local power company. This project will also protect the Libraries collections from damage from humidity as well as component damage to servers due to partial power.	$250,000	Currently Unfunded	HMGP	1/24/2019	
1370	St. Petersburg	Generator for St. Petersburg Fire Rescue Headquarters	This project would fund the replacement of the current generator at Fire Headquarters. The funding would provide for a new 200kw diesel generator as well as a fuel tank, generator enclosure and ATS with freight to the location, a crane to off load new equipment, removal of the old generator and start up. Funds would also provide for a rental generator for the duration of the installation. The St. Petersburg Fire Rescue headquarters building is a critical facility at all times and especially during disasters and emergency events as it is home to the sub-Emergency Operations Center for the City. During Hurricane Irma, headquarters had to utilize the current generator to fully power the building for over two weeks. During this time, power constantly flickered to the building as the generator was overloaded. A review of the current generator was recently completed by Paramount Power which stated that "with the unit being so heavily loaded and having been in service for so long, it is only a matter of time before this condition causes damage and possible catastrophic failure to the tall section or whole unit." Replacement of the current generator would ensure that the building is fully powered and able to function as normal during any hazard that would cause a potential loss of power.	$185,100	Currently Unfunded	HMGP	1/24/2019	

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	1002 St. Petersburg	Central Yacht Basin Seawall Project	The City of St. Petersburg proposes to use FEMA Hazard Mitigation Grant Program (HMGP) funds to design and implement a seawall mitigation program in the Central Yacht Basin of the City's Municipal Marina. The Marina is the largest in the state, with more than 600 rental boat slips, and is integral to the City's Downtown Waterfront. The seawalls within the Central Basin of the Marina currently protect key cultural landmarks of the Downtown Waterfront, including Demens Landing Park, Pioneer Park, and several restaurants and shops adjacent to Bayshore Drive. These structures are all located within Flood Zone AE, with a Base Flood Elevation (BFE) of 8 feet, and are exposed to flood hazards. However, the original Central Basin seawalls were only designed to 2.5 feet NAVD, less than a 10-year level of protection. The seawalls are prone to overtopping during surge events often impacting the use of Bayshore Drive, a multi-use scenic byway that provides visual and physical access to Tampa Bay and is often the location of local gatherings such as farmer's markets. To further support economic growth and investment in Downtown and to protect residential, commercial, cultural, and public assets, the City proposes to increase the level of protection of the existing seawalls to mitigate future conditions associated with sea level rise. The Tampa Bay Climate Science Advisory Panel (CSAP) has found that the Tampa Bay region may experience sea level rise somewhere between 6 inches and 2.5 feet by 2050, which could increase the BFE at the Marina and hurricane surge driven flooding. The enhanced seawalls will be designed to compliment future plans for a new Pier District to the north and a waterfront promenade along Bayshore Drive, which will enhance existing green space and improve pedestrian accessibility and connectivity across the Marina. Increasing the level of protection of the seawalls in the Central Yacht Basin will not only provide protection to surrounding cultural assets in the long term in the face of sea level rise, but also tie into a comprehensive plan for the Downtown Waterfront that will provide co-benefits such as improved open space, increased economic activity, and social cohesion opportunities. The seawall project will also accomplish multiple Pinellas County LMS Goals: 1. Become a more disaster resilient community; and 2. Minimize coastal flooding losses in the coastal high hazard area, coastal storm area, and hurricane vulnerability zone. The proposed project also meets multiple objectives under these goals, including: Objective 1.6 (Property Protection): Identify, assess, prioritize, and harden critical facilities and key critical infrastructure. The City considers seawalls key critical infrastructure as the walls not only serve to protect Downtown assets from storm	$6,300,000	Currently Unfunded	HMGP	1/24/2019	
	1002 St. Petersburg	North Yacht Basin Seawall Project	The City of St. Petersburg proposes to use FEMA Hazard Mitigation Grant Program (HMGP) funds to design and implement a seawall mitigation program in the North Yacht Basin of the City's Municipal Marina. The Marina is the largest in the state, with more than 600 rental boat slips, and is integral to the City's Downtown Waterfront. The seawalls within the North Basin of the Marina currently protect key cultural landmarks of the Downtown Waterfront, including the Vinoy Renaissance hotel, Straub Park, the Museum of Fine Arts, and the Museum of History. These structures are all located within Flood Zone AE, with a Base Flood Elevation (BFE) of 8 feet, and are exposed to flood hazards. However, the original North Basin seawalls were only designed to 4 feet NAVD, a 10-year level of protection. The seawalls are prone to overtopping during surge events often impacting the use of Bayshore Drive, a multi-use scenic byway that provides visual and physical access to Tampa Bay and is often the location of local gatherings such as farmer's markets. To further support economic growth and investment in Downtown and to protect residential, commercial, cultural, and public assets, the City proposes to increase the level of protection of the existing seawalls to mitigate future conditions associated with sea level rise. The Tampa Bay Climate Science Advisory Panel (CSAP) has found that the Tampa Bay region may experience sea level rise somewhere between 6 inches and 2.5 feet by 2050, which could increase the BFE at the Marina and hurricane surge driven flooding. The enhanced seawalls will be designed to compliment future plans for a new Pier District to the north and a waterfront promenade along Bayshore Drive, which will enhance existing green space and improve pedestrian accessibility and connectivity across the Marina. Increasing the level of protection of the seawalls in the North Yacht Basin will not only provide protection to surrounding cultural assets in the long term in the face of sea level rise, but also tie into a comprehensive plan for the Downtown Waterfront that will provide co-benefits such as improved open space, increased economic activity, and social cohesion opportunities. The seawall project will also accomplish multiple Pinellas County LMS Goals: 1. Become a more disaster resilient community; and 2. Minimize coastal flooding losses in the coastal high hazard area, coastal storm area, and hurricane vulnerability zone. The proposed project also meets multiple objectives under these goals, including: Objective 1.6 (Property Protection): Identify, assess, prioritize, and harden critical facilities and key critical infrastructure. The City considers seawalls key critical infrastructure as the walls not only serve to protect Downtown assets from storm	$4,300,000	Currently Unfunded	HMGP	1/24/2019	
	941 St. Petersburg	Leisure Services Complex Wind Retrofit	The City of St. Petersburg Parks and Recreation Leisure Services Complex requires a wind retrofit to withstand a Category 3-5 Rating. This building serves as the primary administrative building for the Parks and Recreation Department and a command center and shelter for department staff during hurricane events. Currently, the building cannot withstand high category hurricanes or fulfill its purpose as a command center and shelter safely. This project will replace the existing roof and retrofit the roof and building envelope to mitigate the impacts of winds. This project directly addresses the LMS goal of "Minimize Storm Wind Losses in the County" through protecting a facility which benefits the general public.	$500,000	Currently Unfunded	HMGP	1/24/2019	
	1025 St. Petersburg / Baycare, Inc.	Hospital EOC	Construct new EOC. Estimated completion time: more than 12 months. / 4	$1,100,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
	1150 St. Petersburg / Bayfront Medical Center	Harden Window and Roof - Building C Center	Harden the exterior including hurricane-rated windows and roofing system to protect against high wind velocity events. Estimated completion time: more than 12 months. / 2	$2,789,889	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
	1150 St. Petersburg / Bayfront Medical Center	Harden Window and Roof - Building C South	Harden the exterior including hurricane-rated windows and roofing system to protect against high wind velocity events. Estimated completion time: more than 12 months. / 2	$4,575,295	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
	1150 St. Petersburg / Bayfront Medical Center	Harden Window and Roof - Building C North	Harden the exterior including hurricane-rated windows and roofing system to protect against high wind velocity events. Estimated completion time: more than 12 months. / 2	$4,646,281	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
	1090 St. Petersburg / Bayfront Medical Center	Harden Cancer Care Center	Harden the exterior including the roof, windows and walls to ensure continuity of operations. Estimated completion time: more than 12 months. / 2	$430,003	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
	1070 St. Petersburg / Bayfront Medical Center	Harden West Lobby	Harden the roof and curtainwall window assembly to protect against high wind velocity events. Estimated completion time: more than 12 months. / 2	$1,250,200	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
	1000 St. Petersburg / Bayfront Medical Center	Harden Mechanical Room & Medical Gas Enclosure - Building B/C	The Mechanical Room and a fenced lean to will be hardened. Estimated completion time: more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
	995 St. Petersburg / Bayfront Medical Center	Building C Boiler / Chiller Plant Hardening & Rooftop Equipment Mitigation	The hospital's boiler & chiller plant needs hardening for severe weather mitigation. Estimated completion time; More than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	

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995	St. Petersburg / Bayfront Medical Center	Tank Farm Enclosure	On the South side of Building C, the Oxygen Tank Farm will be hardened. Estimated completion time; more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
995	St. Petersburg / Bayfront Medical Center	Life Services Building Window, Door & Wall Hardening	The Life Services Building needs windows, doors and walls hardened for protection against high wind velocity and severe weather events. Estimated completion time; more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
990	St. Petersburg / Bayfront Medical Center	Child Development Center Wind, Door & Roof Hardening	Harden windows, doors and roof for hurricane and severe weather mitigation. Estimated completion time: more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
980	St. Petersburg / Bayfront Medical Center	Family Health Center Structural Hardening	Harden walls and roof to mitigate high wind velocity. Estimated time of completion: 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
980	St. Petersburg / Bayfront Medical Center	Haden Exterior - Building C East - Area 4	Harden the exterior of Building C East - including hurricane-rated windows, walls, doors and roofing system to protect against high wind velocity events. / 2	$3,070,827	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program	1/24/2019	
1150	St. Petersburg / Bayfront Medical Center	Harden Window Openings - Building A	Harden the exterior of Building A and install new hurricane-rated windows. Estimated completion time: more than 12 months. / 2	$1,217,370	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
845	St. Petersburg / City of St Petersburg Development Svcs	Acquisition of Repetitive Loss Properties	Acquire repetitive loss properties to mitigate real property vulnerabilities. Estimated completion time: more than 12 months. / 1	$1,000,000	Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program	1/24/2019	Noah Taylor
970	St. Petersburg / Eckerd College	Building Flood/Wind Retrofit	Retrofit priority support building to address vulnerabilities to high winds and/or flooding based on engineering evaluation. Estimated completion time: more than 12 months. / 1, 2	$50,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	Lisa Mets
940	St. Petersburg / Eckerd College	Building Flood/Wind Retrofit	Retrofit academic building to address vulnerabilities to high winds and/or flooding based on engineering evaluation. Estimated completion time: more than 12 months. / 1, 2	$250,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	Lisa Mets
780	St. Petersburg / St. Anthony's Hospital	Public Education	Develop a community education program to provide a better interface between the City and its stakeholders. Estimated completion time: less than 12 months. / 4	$10,000	Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program	1/24/2019	
780	St. Petersburg / St. Anthony's Hospital	ER Retrofit to provide surge capacity for emergencies	Build surge capacity for St. Anthony's Hospital including a new Emergency Dept. Estimated completion time: more than 12 months. / 4	$2,000,000	Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program	1/24/2019	
1170	St. Petersburg/ City of St Petersburg Public Works	Oak Street NE and Gandy Blvd Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$1,000,000	FY16- FY18	Local	1/24/2019	Noah Taylor
1430	St. Petersburg/ City of St Petersburg Public Works	Stormwater Management Master Plan Update	Update 1994 Stormwater Management Master Plan utilizing SWFWMD criteria. /1	$1,800,000	FY17-FY20	SWFWMD/Local	1/24/2019	Noah Taylor
1245	St. Petersburg/ City of St Petersburg Public Works	Cosme Water Treatment Facilities Structural Improvements	This project will provide wind mitigation improvements to water treatment plant buildings constructed in the 1960's and earlier. They include the Chemical, Chlorine, Fluoride, Pump/Filter, and Gulf to Bay Pumping Station buildings. The existing buildings are not structurally sufficient to provide shelter of emergency critical staff and remain operational during and after a hurricane.	$1,000,000	Currently Unfunded	Bond CIP Funded	1/24/2019	Noah Taylor
1181	St. Petersburg/ City of St Petersburg Public Works	Main Laboratory Replacement	Replace the Water Resources Department main Laboratory Building with a modern laboratory sufficient to conduct accurate analysis of samples taken at water reclamation and potable water treatment plant and other locations throughout the city. The existing building is not structurally sufficient to provide shelter of emergency critical staff and remain operational during and after a hurricane.	$4,400,000	Currently Unfunded	Bond CIP Funded	1/24/2019	Noah Taylor
1223	St. Petersburg/ City of St Petersburg Public Works	SW Water Reclamation Facility Building Replacements	This project provides for the replacement of operation/lab/maintenance buildings located in an Evacuation Zone A with buildings constructed to meet latest hurricane and flood codes. The existing buildings are not structurally sufficient to provide shelter of emergency critical staff during, and remain operational after, a hurricane.	$4,250,000	Currently Unfunded	Bond CIP Funded	1/24/2019	Noah Taylor
1223	St. Petersburg/ City of St Petersburg Public Works	NE Water Reclamation Facility Building Replacements	This project provides for the replacement of operation/lab/maintenance buildings to meet latest hurricane and flood codes. The existing buildings are not structurally sufficient to provide shelter of emergency critical staff during, and remain operational after, a hurricane.	$4,250,000	Currently Unfunded	Bond CIP Funded	1/24/2019	Noah Taylor
1223	St. Petersburg/ City of St Petersburg Public Works	NW Water Reclamation Facility Building Replacements	This project provides for the replacement of operation/lab/maintenance buildings to meet latest hurricane and flood codes. The existing buildings are not structurally sufficient to provide shelter of emergency critical staff during, and remain operational after, a hurricane.	$4,250,000	Currently Unfunded	Bond CIP Funded	1/24/2019	Noah Taylor
1223	St. Petersburg/ City of St Petersburg Public Works	Water Resources Maintenance Building Replacement	This project provides for the replacement of Water Resources Building C and M to meet latest hurricane and flood codes. The existing buildings are not structurally sufficient to provide shelter of emergency critical staff during, and remain operational after, a hurricane.	$2,750,000	Currently Unfunded	Bond CIP Funded	1/24/2019	Noah Taylor
1368	St. Petersburg/ City of St Petersburg Public Works	Sanitary Sewer Inflow and Infiltration Reduction Improvements	This project includes construction projects that will reduce inflow and infiltration (rain and ground water) into the City's sanitary sewer system by repairing and replacing old sewer collection system infrastructure. Inflow and infiltration during wet weather periods has increased flow rates above the capacities of the collection system and treatment plants resulting in sewage discharges into the bay.	$12,000,000	Currently Unfunded	Penny for Pinellas Local Option Sales Tax	1/24/2019	Noah Taylor
1193	St. Petersburg/ City of St Petersburg Public Works	NE Water Reclamation Facility MCC Building	This project provides for the replacement of a building located in an Evacuation Zone A that contains electrical switch gear and controls for essential wastewater treatment process equipment with a new building meeting current wind and flood building code requirements.	$1,500,000	Currently Unfunded	Bond CIP Fund	1/24/2019	Noah Taylor
1193	St. Petersburg/ City of St Petersburg Public Works	SW Water Reclamation Facility MCC Building	This project provides for the replacement of a building located in an Evacuation Zone A that contains electrical switch gear and controls for critical wastewater treatment process equipment with a new building meeting current wind and flood building code requirements.	$1,500,000	Currently Unfunded	Bond CIP Fund	1/24/2019	Noah Taylor
1121	St. Petersburg/ City of St Petersburg Public Works	Bartlett Park Area Storm Drainage Improvements	This project includes construction of stormwater improvements to alleviate heavy flooding along Bartlett Park area and into recreation center in the neighborhood. Existing flooding is severe enough to reduce functionality of public park and services as well as endanger public safety.	$1,400,000	Currently Unfunded	Bond CIP Fund	1/24/2019	Noah Taylor
1026	St. Petersburg/ City of St Petersburg Public Works	Broadwater at 42nd Ave S and 37th St/S Storm Drainage Improvements	This project includes construction of stormwater improvements to alleviate heavy flooding along in the Broadwater Neighborhood. Current flooding has caused repetitive loss to vehicle and encroached on house structures as well as impeding road travel evacuating the neighborhood	$1,200,000	Currently Unfunded	Bond CIP Fund	1/24/2019	Noah Taylor
906	St. Petersburg/ City of St Petersburg Public Works	5th Ave Improvements East of 72nd Street	This project includes construction of stormwater improvements to alleviate a stormwater system that incorporates a large community that has experienced some repetitive loss and flooding concerns. It has been identified in a stormwater masterplan update as a possible improvement area.	$1,580,000	Currently Unfunded	Bond CIP Fund	1/24/2019	Noah Taylor
1130	Tampa Bay Regional Planning Council / Pinellas County	Regional Public Education initiative	With Pinellas County Emergency Management develop a county-wide public education program to address preparation and mitigation actions for all hazards related to hurricanes. All jurisdictions will benefit from this effort. Estimated completion time: less than 12 months. / 4	$75,000	Currently Unfunded	EMPATF, HMGP, PDM Program	1/24/2019	
940	Tampa Bay Regional Planning Council / Pinellas County	Post-Storm Evaluation of the Regional Evacuation Study	Evaluate the evacuation study to identify any discrepancies in the predicted and observed elements of the Regional Plan. Estimated completion time: less than 12 months. / 4	$90,000	Currently Unfunded	EMPATF, HMGP; PDM Program	1/24/2019	
1166	Tarpon Springs Housing Authority	Emergency Operations Generator	Emergency generator to allow operations during state of emergency, power outages or other events of power loss. 1 & 2	$64,200	Currently Unfunded	CDBG, HUD	1/24/2019	Michael Denehy
800	Tarpon Springs Housing Authority	Landscape Restoration	Trimming of Palm, Planting of Sod & Shrubs, Repair of Erosion and Control of Runoff	$56,640	Currently Unfunded	CDBG, HUD	1/24/2019	Michael Denehy

*Yellow highlight signifies new project added.

Pinellas County
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Total Score	Jurisdiction/ Organization	Project Name	Description/ Natural Hazard Addressed (Key: 1=Flooding; 2=Storm Wind; 3=Erosion; 4=All Hazard)	Est. Cost	Timeframe / Status	Possible Funding Sources	Date Last Reviewed	Updated By
1160	Tarpon Springs Housing Authority	Door & Window Upgrades	Replacement of all original doors and windows to meet Forida building codes, Miami-Dade wind codes, and impact resistant ratings.	$96	Currently Unfunded	CDBG, HUD	1/24/2019	Michael Denehy
850	Tarpon Springs IT Division	Fiber	Run fiber from City Hall to Dixie Highway then to Reverse Osmosis Plant	$250,000	Currently Unfunded	General funds	1/24/2019	Heather Urwiller
840	Tarpon Springs IT Division	Mobile Work Orders	GIS to intgerate with the mobile work orders	$50,000	Currently Unfunded	General Funds	1/24/2019	Heather Urwiller
921	Tarpon Springs Project Administration Departme	Cedar Street Roadway/Infrastructure Upgrades	Cedar Street roadway improvements and new stormwater infrastructure installation	$300,000	Bids received. Construction to start January 2019	SW Utility and Penny for Pinellas	1/24/2019	Bob Robertson
1017	Tarpon Springs Public Services Department	Reverse Osmosis Water Facility 2nd Generator	Project to provide full power back up for the City's water supply facility to support public water supply treatment and distribution in the event of a power outage or interruption in service	$1,300,000	Currently Unfunded	Water and Sewer Enterprise Fund	1/24/2019	Heather Urwiller
1200	Tarpon Springs Streets & Stormwater Division	SAP	Stormwater Capital Improvement plan. (SAP-Stormwater Action Plan) Estimated completion time: Ongoing. / 4	150,000 Annually	Currently funded	Stormwater Tax Assessment	1/24/2019	Heather Urwiller
993	Tarpon Springs Streets & Stormwater Division	Vehicles	Purchase CAT Mini Excavator & Traileer for in-house construction and maintenance of Stormwater infrastructure. Estimated completion time: Ongoing. / 1,3	$89,000	Purchasing	Stormwater Tax Assessment	1/24/2019	Heather Urwiller
1170	Tarpon Springs Streets & Stormwater Division	Spruce Street flood abatement SAP 29	Project to reduce/eliminate localized flooding and emergency vehicle access.	$151,230	Currently Funded & Included in the Pent/Grosse Project	Stormwater Tax Assessment, EMPATF, HMGP; PDM Program	1/24/2019	Heather Urwiller
1260	Tarpon Springs Streets & Stormwater Division	Pent/Grosse flood abatement SAP 5	Project to reduce/eliminate localized flooding and emergency vehicle access.	$3,300,000	Construction 2018/19	Stormwater Tax Assessment & SWFWMD Cooperative Funding Initiative	1/24/2019	Heather Urwiller
1190	Tarpon Springs Streets & Stormwater Division	Jasmine/Highland flood abatement SAP 5 & 33	Project to reduce/eliminate localized flooding and emergency vehicle access.	$993,382	Design Completion/On Hold for funding	Stormwater Tax Assessment & SWFWMD Cooperative Funding Initiative	1/24/2019	Heather Urwiller
1120	Tarpon Springs Streets & Stormwater Division	Athens/Dodecanese flood abatement SAP 42	Project to reduce/eliminate localized flooding and emergency vehicle access.	$110,915	Construction 2018-19	Stormwater Tax Assessment	1/24/2019	Heather Urwiller
1180	Tarpon Springs Streets & Stormwater Division	Palm Avenue flood abatement SAP 22	Project to reduce/eliminate localized flooding and emergency vehicle access.	$499,958	Design 2018-Construction 2019	Stormwater Tax Assessment & SWFWMD Cooperative Funding Initiative	1/24/2019	Heather Urwiller
1160	Tarpon Springs Streets & Stormwater Division	GIS Mapping of Stormwater Infrastructure	Project to reduce/eliminate localized flooding and emergency vehicle access.	$200,000	Begin 10-1-17 & Complete 2019/20	Stormwater Tax Assessment & SWFWMD Cooperative Funding Initiative	1/24/2019	Heather Urwiller
1170	Tarpon Springs Streets & Stormwater Division	Avolea Drive flood abatement SAP 74	Project to reduce/eliminate localized flooding and emergency vehicle access.	$255,600	Currently Unfunded	Stormwater Tax Assessment, EMPATF, HMGP; PDM Program	1/24/2019	Heather Urwiller
1140	Tarpon Springs Streets & Stormwater Division	Mango Street & Mango Circle flood abatement SAP 102	Project to reduce/eliminate localized flooding and emergency vehicle access.	$43,900	Design Phase Construction 2019	Stormwater Tax Assessment, EMPATF, HMGP; PDM Program	1/24/2019	Heather Urwiller
1160	Tarpon Springs Streets & Stormwater Division	Coburn Drive flood abatement SAP 39	Project to reduce/eliminate localized flooding and emergency vehicle access.	$210,040	Currently Unfunded	Stormwater Tax Assessment, EMPATF, HMGP; PDM Program	1/24/2019	Heather Urwiller
1160	Tarpon Springs Streets & Stormwater Division	Levis between Lime & Oakwood flood abatement SAP 25	Project to reduce/eliminate localized flooding and emergency vehicle access.	$248,638	Currently Unfunded	Stormwater Tax Assessment, EMPATF, HMGP; PDM Program	1/24/2019	Heather Urwiller
1190	Tarpon Springs Streets & Stormwater Division	Kenneth Way & Seaside flood abatement SAP 57	Project to reduce/eliminate localized flooding and emergency vehicle access.	$91,000	Currently Unfunded	Stormwater Tax Assessment, EMPATF, HMGP; PDM Program	1/24/2019	Heather Urwiller
903	Town of Belleair	Water Wells back up power generator	Supply back up power generation and new pumps to RTW water supply wells for potable water generation.	$114,000	Currently Unfunded	HMGP	1/24/2019	
971	Town of Belleair	Emergency employee shelter, life support services retrofit	During preparation for hurricane Irma in the fall of 2017, it was noted that several key life support functions were not connected to back up generator or functioning properly, LMS funds are needed to connect/repair these key elements in the town's employee emergency shelter	$21,000	Currently Unfunded	HMGP	1/24/2019	
1083	Town of Belleair	Town Hall/Police Department facility hardening, critical facility	Upgrade to town hall/PD critical facility roof for more secure facility during hurricane or other disasters.	$150,000	Currently Unfunded	HMGP	1/24/2019	
1083	Town of Belleair	Bridge scour protection for island bridges	Install scour protection at 2 bridges in town. (North Pine Circle, and Winston Drive)	$85,000	Currently Unfunded	HMGP	1/24/2019	
1065	Town of Belleair	Water Plant Hazardous materials mitigate response kits	Buy new breathing apparatus, chemical spill kits, and chemical starter for security measures.	$31,500	Currently Unfunded	HMGP	1/24/2019	
926	Town of Belleair	Town of Belleair's Water plant , Secure facilities	Install 10 cameras and install 4 door locks to protect facility from attacks	$15,786	Currently Unfunded	HMGP	1/24/2019	
1119	Town of Belleair	Town Hall/Police Department security measure for critical facility	Install 2 pull down shutters for door ways to secure town hall and police department	$6,000	Currently Unfunded	HMGP	1/24/2019	
1270	Town of Belleair	Generator installation Town Hall/Police Department	1, 2	$138,476	6 months	HMGP Hurricane Hermine	1/24/2019	Greg Lauda
1710	Treasure Island	Citywide Seawall Assessment and Repair for Locations NOT listed as a separate project (street ends, etc.)	Citywide Seawall repair/replacement. Estimated completion time: more than 12 months. / 4	$2,260,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG	1/24/2019	Paulette Cohen
970	Treasure Island	Wind Retrofit of critical facilities	Harden critical municipal facilities including: PWorks Admin, PWorks Garage. Estimated completion time: more than 12 months. / 2	$100,000	Funded by City	EMPATF, HMGP; PDM Program;	1/24/2019	Paulette Cohen
1060	Treasure Island	City Hall Seawall Rehabilitation	Repair/replace seawall adjacent to critical facilities: Estimated completion time: more than 12 months. / 3	$660,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG	1/24/2019	Paulette Cohen
970	Treasure Island	Electronic Information Signs at Bridges	Purchase and installation of four (4) electronic signs, to be placed at strategic locations on either side of the two bridges. Signs would afford motorists, cyclists, and pedestrian's sufficient opportunity to choose alternate travel routes in the event bridge(s) are closed for repairs, malfunction, traffic accidents, or other reasons. /4	$600,000	Currently Unfunded; Projected for FY 2019	DOT Grant (County Incentive Program); CDBG; HMGP; HMGP Planning; Local Funding	1/24/2019	Paulette Cohen
1270	Treasure Island	Replacement of City Hall and seawall rehabilitation	Harden critical municipal facilities - Admin, Fire, and Police Estimated completion time: more than 12 months. / 2	$8,000,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG; FMAP	1/24/2019	Paulette Cohen
1220	Treasure Island	Provide ten – 10.5 and 5 hp pumps and controls to city lift stations	(Lift Station 7 - $250,000)(Lift Station 9 - $250,000)(Lift Station 8 - $250,000)(Lift Station 6 - $250,000) Harden critical municipal facilities - Estimated completion time: more than 12 months. / 4	$1,000,000	Partially Funded by City	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning	1/24/2019	Paulette Cohen
970	Treasure Island	Kingfish Park Seawall Rehabilitation	Repair/replace seawall: Estimated completion time: less than 12 months. / 3	$50,000	Currently Unfunded; Projected for FY 2018	EMPATF, HMGP; PDM Program; CDBG	1/24/2019	Paulette Cohen
940	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	Partially Funded by City	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning	1/24/2019	Paulette Cohen
890	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	Currently Unfunded; Projected for FY 2018	CDBG; HMGP; HMGP Planning	1/24/2019	Paulette Cohen

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1060	Treasure Island	Mitigation of Rising Sea Levels Study	Hire a consultant to conduct a study regarding rising sea level impacts and possible mitigation measures and associated mitigation measure costs for Treasure Island.	$400,000	Currently Unfunded; Projected for FY 2021	DOT Grant (County Incentive Program); Capitalization Grants for Clean Water State Revolving Funds; CDBG; HMGP; HMGP Planning; Local Funding	1/24/2019	Paulette Cohen

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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	1/24/2019	8/17/2017	Lynn Rives
Belleair Beach	Harbor Dr. & 1st Street	$299,000	Currently Underway	Local	1/24/2019	11/8/2018	Lynn Rives
Belleair Beach	Harrison Avenue Bridge Repair	$160,000	Completed	Local	1/24/2019	11/8/2018	Lynn Rives
Belleair Beach	Belle Isle Stormwater Improvement	$122,000	Currently Underway	Local	1/24/2019	12/6/2018	Lynn Rives
Belleair Beach	Belle Isle Avenue Seawall Repair	$329,000	Currently Underway	Local	1/24/2019	12/6/2018	Lynn Rives
Belleair Beach	Harbor Drive & 2nd Street	$185,000	Completed	Local	1/24/2019	11/8/2018	Lynn Rives
Belleair Beach	Harrison Avenue Seawall	$105,000	Completed	Local	1/24/2019	11/8/2018	Lynn Rives
Clearwater	Former Clearwater Christian College Property Acquisition	$1,300,000	Project complete (2016)	Local	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Fire Station 45 and EOC	$10,500,000	Construction complete (2016)	Local and State	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Fire Station 50	$3,814,740	Completed (2017)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Police Shooting Range	$2,382,819	Complete (2017)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Public Works Complex – Phase I Street Sweeping Facility	$1,975,349	Design Complete	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Berkley Place Drainage Improvements	$360,000	Project complete in 2016	Local and State	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Lower Spring Branch Stormwater Improvements	$1,800,000	Currently in Design (2016)	Local and State	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Byram Ditch Bank Stablization	$330,000	Project complete in 2015.	Local and State	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Druid Road Stormwater Improvements	$2,825,000	Currently in Construction (2016)	Local and State	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Mango Avenue Stormwater Improvements	$1,600,000	Completed (2017)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Glen Oaks Stormwater Improvement Project	$2,500,000	Project completed in 2006.	Local and State	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Lake Bellevue Stormwater Improvements	$1,300,000	Project complete in 2007	Local and State	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Woodlawn Terrace Stormwater Improvements	$800,000	Project complete in 2015	Local and State	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Hillcrest Avenue Bypass Culvert	$3,900,00	Currently in Construction (2018)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	East Gateway Stormwater Improvements	$12,000,000	Currently in Construction (2018)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Solid Waste Transfer Facility	$18,000,000	Currently in Construction (2018)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Cooper's Point Master Plan	$200,000	Project complete in 2017	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Renovations to Beach Marina Buiding	$2,500,000	Project complete (2016)	Private and Local	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	10/4/2016	Sarah Kessler
Clearwater	Purchase 2000Kw mobile generator	$375,000	Complete (2018)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Jeffords Street Outfall	$1,000,000	Complete (2018)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Magnolia Street Outfall	$4,000,000	Completed (2017)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Woodlawn Terrace Floodplain Storage	$1,000,000	Completed (2017)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Smallwood Circle Drainage Improvements	$1,500,000	Completed (2017)	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Clearwater	Clearwater Gas Complex	$23,300,000	Currently under Construction	Local and State	1/24/2019	12/19/2018	Sarah Kessler
Dunedin	Lake Earl to Skyeloch Piping.	$35,000	Complete	State	1/24/2019		
Dunedin	Lake Sperry pipe lining.	$150,000	Complete	State	1/24/2019		
Dunedin	Elevated five (5) repetitive loss structures	$307,268	Complete	State	1/24/2019		
Dunedin	Retrofit 2 structures to reduce flood damage potential	$174,872	Underway	State	1/24/2019		
Dunedin	Rebuild 1 Structure	$119,746	Complete	State	1/24/2019		

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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-statioin Projects completed with HMGP funds in 2007. City Hall Project found to be infeasible and was deleted.	HMGP and Local	1/24/2019		
Eckerd College	Project: Construction of a new Center for Molecular and Life Sciences	$25,000,000	Completed 2013	Local	1/24/2019	10/4/2016	Lisa Mets
Eckerd College	Project: Hardening envelope (roof, windows) Sheen Science Center (3 buildings)	$7,500,000	2013/14	Local	1/24/2019	10/4/2016	Lisa Mets
Eckerd College	Neilsen 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	1/24/2019	12/14/2018	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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 louveres in exterior walls and infill with concrete block.	$15,000	Completed 2015	Local	1/24/2019	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	1/24/2019	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 runnoff.	$260,000	Complete	Local and State	1/24/2019	10/9/2017	Dean Scharmen
Indian Rocks Beach	Design 11th Ave. through 13th Ave. drainage project to mitigate local flooding.	$290,000	Complete	Local	1/24/2019	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	1/24/2019	10/9/2017	Dean Scharmen
Indian Rocks Beach	Dune Walkovers	$114,00	Complete	Local	1/24/2019	10/9/2017	Dean Scharmen
Indian Rocks Beach	Small Basin Reconstruction	$375,000	Complete	Local	1/24/2019	10/9/2017	Dean Scharmen
Indian Rocks Beach	Stormwater Reconstruction	$160,000	Complete	Local	1/24/2019	10/9/2017	Dean Scharmen
Indian Rocks Beach	20th Avenue Stormwater Improvements	$231,024	Complete	SWFWMD grant, IRB CIP	1/24/2019	10/9/2017	Dean Scharmen
Indian Rocks Beach	Street Resurfacing	$420,305	Complete	CIP, SWFMD	1/24/2019	10/9/2017	Dean Scharmen
Indian Shores	Storm water management in redevelopment area to control and mitigate flooding. FY97/98	$60,000	Complete	Local and State	1/24/2019		
Indian Shores	FMAP elevation of existing repetitive loss struture. FY97/98	$22,500	Complete	Private and State	1/24/2019		

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Indian Shores	FMAP acquisition and demolition of repetitive loss structure. FY97/98	$26,797	Complete	Local and State	1/24/2019		
Indian Shores	Installed new seawall to mitigate flooding. FY97/98	$16,770	Complete	Local and State	1/24/2019		
Indian Shores	Installed new seawall and replaced seawall cap. FY97/98	$5,080	Complete	Local	1/24/2019		
Indian Shores	Storm water management at 19305 Gulf Blvd. (Town Hall complex) FY97/98	$80,000	Complete	Local and State	1/24/2019		
Indian Shores	FMAP elevation of repetitive loss existing structure. FY00/01	$41,683	Complete	Local and State	1/24/2019		
Indian Shores	Development of Town master drainage plan. FY01/02	$80,000	Complete	Local and State	1/24/2019		
Indian Shores	Purchase property in redevelopment area for potential site of future retention pond. FY01/02	$40,000	Complete	Local	1/24/2019		
Indian Shores	Implement Town-wide storm water master plan. FY02/03	$300,000	Underway	Local and State	1/24/2019		
Indian Shores	Purchase and installation of an auxiliary generator for the Critical Facility, Town Hall, 19305 Gulf Blvd.	$33,455	Complete	HMGP and Local	1/24/2019		
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)	1/24/2019		
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				1/24/2019		
Kenneth City	Retrofit of Critical Facility/Storm shutters on PD and City Hall	$46,000	Completed	EMPATF;HMGP; PDM Program	1/24/2019		
Kenneth City	Repairs to existing stormwater lines damaged by July Rain event		Underway	Local	1/24/2019		
Kenneth City	Re-sheathing of Public Works Building with wind-loaded exterior	$400,000	Underway	Local	1/24/2019		
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		1/24/2019	9/16/2016	Matthew DiFiore
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 milllion.	$89,151	Completed		1/24/2019	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	1/24/2019	9/16/2016	Matthew DiFiore

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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		1/24/2019	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	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Channel 1 Drainage/Infrastructure Plan	$1,919,213	Completed 2007	Local	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Suncoast Manor Drainage//Old Valencia Blvd. Plan	$274,132	Completed 2007	Local	1/24/2019	9/16/2016	Matthew DiFiore
Largo	McKay Creek Drainage Improvement Plan	$1,549,460	Completed 2006	Local	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Purchasing and Demolition of Repetitive Loss Properties: 132 Gatewood Drive	$149,000	Completed 2003	Local	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Purchasing and Demolition of Repetitive Loss Properties: 198 Gatewood Drive	$190,000	Completed 2003	Local	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Purchasing and Demolition of Repetitive Loss Properties: 71 East Overbrook Drive	$177,000	Completed 2005	Local	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Purchasing and Demolition of Repetitive Loss Properties: 2463 19th Place SW	$127,500	Completed 2005	Local	1/24/2019	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	1/24/2019	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	1/24/2019	9/16/2016	Matthew DiFiore
Largo	SCADA System for remote monitoring	$1,350,000	Competed 2004	Local	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Fire Station Bay Doors	$144,710	Completed	General, (Local Fund)	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Waste Water Reclamation Facility Warehouse	$3,426,795	Completed	Wastewater (Local Fund)	1/24/2019	9/16/2016	Matthew DiFiore
Largo	IT Data Center	$3,189,569	Completed	LOST	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Community Center	$10,918,386	Completed	LOST	1/24/2019	9/16/2016	Matthew DiFiore
Largo	Stormwater Program Update	$250,000	Completed	Stormwater (Local Fund)	1/24/2019	10/25/2017	Jerald Woloszynski
Madeira Beach	Stormwater Master Plan Improvements	$218,429	Completed	Local	1/24/2019	10/5/2016	Michelle Orton
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		Local	1/24/2019	10/5/2016	Michelle Orton
Madeira Beach	Storm Drainage and Roadway Improvements Relating to Drainage – Normandy Road	$1,180,000	Completed	Local /Applied for Matching SWFWMD Cooperative Funding	1/24/2019	10/5/2016	Michelle Orton

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Madeira Beach	Storm Drainage and Roadway Improvements Relating to Drainage – Engineering Study – Boca Ciega Drive	$80,000	Completed	Local (including a portion by Local Option Sales Tax)	1/24/2019	10/5/2016	Michelle Orton
Madeira Beach	Municipal Complex Reconstruction (City Hall, Fire Station, Recreation Center and related outside activity areas)	$8,630,000	Completed	Localoldsmar	1/24/2019	10/5/2016	Michelle Orton
Madeira Beach	Stormwater Outfall Cleaning	$180,000	On-going	Local	1/24/2019	10/5/2016	Michelle Orton
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	Underway	City and SWFWMD	1/24/2019	10/5/2016	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	Underway	City and SFWMD	1/24/2019	10/5/2016	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	In design	City and SFWMD	1/24/2019	10/5/2016	Michelle Orton
Madeira Beach	Rex Place Drainage Improvement (Alleviate flooding problems, treat water prior to discharge)	$600,000	In design	City and SWFMD	1/24/2019	10/5/2016	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	In design	City and SWFMD	1/24/2019	10/5/2016	Michelle Orton
Madeira Beach	860 Bay Point (Mitigation of RL Property-Construction Plan s submitted for review and permitting)	$210,000	In design	HMGP & Private	1/24/2019	10/5/2016	Michelle Orton
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	In design	HMGP & Private	1/24/2019	10/5/2016	Michelle Orton
Madeira Beach	13101 4th Street (Mitigation of SRL property - Demolition in progress construction plans being prepared)	$210,000	In design	HMGP & Private	1/24/2019	10/5/2016	Michelle Orton
Madeira Beach	882 Bay Point Mitigation of SRL property – Design and construction plans in progress)	$226,000	In design	HMGP & Private	1/24/2019	10/5/2016	Michelle Orton
Madeira Beach	905 Bay Point Drive (Mitigation of SRL property – Ground floor under construction)	$200,000	In design	HMGP & Private	1/24/2019	10/5/2016	Michelle Orton
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	1/24/2019		
North Redington Beach	Underground utilities throughout the side streets of NRB. This includes all streets except Gulf Boulevard.	$2,000,000	Completed	Local	1/24/2019		
Oldsmar	Hurricane Wind Hardening Retrofit of Municipal Services Facility.	$103,723	Complete	HMGP/Local	1/24/2019	10/31/2016	Steve Everitt
Oldsmar	Hurricane Wind Hardening Retrofit of City Hall windows.	$145,214	Complete	Local	1/24/2019	12/14/2017	Steve Everitt
Pinellas County	Sediment/erosion control, sediment removal, and/or stream bank/ channel stabilization for flood control purposes		Ongoing and completed	State and Local	1/24/2019	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	1/24/2019	10/26/2017	David Talhouk
Pinellas County	2) Bear Creek Channel Improvements	$8,301,120	FY2014 Complete	Penny for Pinellas; SWFWMD	1/24/2019	10/26/2017	David Talhouk (corrected funding)

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Pinellas County	3) Curlew Creek Channel A Improvements	$7,115,800	Completed	Penny for Pinellas; SWFWMD	1/24/2019	10/26/2017	David Talhouk
Pinellas County	Animal Services Building Storm Hardening	$256,670	Completed	HM Allocation/Local	1/24/2019	10/26/2016	
Pinellas County	Belleair Elementary School Storm Retrofit; new classroom will gain 783 shelter spaces	$44,100	Completed	Local	1/24/2019	10/26/2016	
Pinellas County	Emergency Communications upgrade of radio system to SmartZone technology.	$17,500,000	Complete	CIP/grants	1/24/2019	10/26/2016	
Pinellas County	EMS hardening of Sunstar Communications Center north wall and south alleyway enclosed.	$310,000	Complete	General Fund	1/24/2019	10/26/2016	
Pinellas County	EMS A/C replacement for the radio and server room.	$300,000	Complete	General Fund	1/24/2019	10/26/2016	
Pinellas County	EMS Sunstar Communications Center and radio room roof replacement.	$150,000	Complete	General Fund	1/24/2019	10/26/2016	
Pinellas County	EMS Building Storm Hardening	$272,294	Completed	HM Allocation/Local	1/24/2019	10/26/2016	
Pinellas County	High Point Elementary School Retrofit	$6,002	Project Completed	Local	1/24/2019	10/26/2016	
Pinellas County	Medical Examiner/Forensics Building Storm Hardening	$347,607	Completed	HM Allocation/Local	1/24/2019	10/26/2016	
Pinellas County	New Heights Elementary School Door Replacements in Building 2	$33,927	Project Completed	Local	1/24/2019	10/26/2016	
Pinellas County	Public Works Storm Hardening - Generator Bldg., Traffic Bldg, Survey Bldg.	$49,422	Completed	HM Allocation/Local	1/24/2019	10/26/2016	
Pinellas County	Ross Norton Community Center - Generator	$70,322	Project Completed	Local	1/24/2019	10/26/2016	
Pinellas County	Skycrest Elementary School Storm Retrofit; new classroom will gain 783 shelter spaces	$44,100	Completed	Local	1/24/2019	10/26/2016	
Pinellas County	Supervisor of Elections Building Storm Hardening (Starkey Rd)	$98,271	Completed	HM Allocation/Local	1/24/2019	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	1/24/2019	10/26/2016	
Pinellas County	Post-Disaster Redevelopment Plan - Health/Human Services Component	$40,000	Project completed; to be reviewed by BCC	HMGP/Local	1/24/2019	10/26/2016	
Pinellas County	Comprehensive Land Development Regulations Update - includes updating floodplain management regulations		Project in progress		1/24/2019	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	1/24/2019	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	1/24/2019	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)	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	10/26/2016	

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Pinellas County	The Glades Drainage Assessment	$1,089,200	Completed	Penny for Pinellas/ Local	1/24/2019	10/26/2016	
Pinellas County	Cross Bayou Watershed Plan (132A)	$514,600	Completed FY2013	Penny for Pinellas	1/24/2019	10/26/2017	Reviewed by: David Talhouk
Pinellas County	Keystone Road Reconstruction	$16,805,900	Completed FY2013	Penny for Pinellas	1/24/2019	10/26/2016	
Pinellas County	Bryan Dairy Road - Starkey to 72nd St.	$9,275,400	Completed FY2013	Penny for Pinellas; Grants	1/24/2019	10/26/2016	
Pinellas County	Cross Bayou Watershed Plan	$252,310	Completed FY2013	Penny for Pinellas; SWFWMD; Grant	1/24/2019	10/26/2016	
Pinellas County	Starkey Basin Watershed Mgt. Plan	$607,200	Completed FY2013	Penny for Pinellas; SWFMD; Gov't Reimbursement	1/24/2019	10/26/2016	
Pinellas County	Public Safety Facilities & Centralized Communications Center	$72,981,800	Completed	Penny for Pinellas	1/24/2019	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	1/24/2019	10/26/2016	
Pinellas County	Lealman Area Drainage Improvements (1628)	$881,930	FY2012 to FY2014 Completed	Penny for Pinellas	1/24/2019	10/26/2016	
Pinellas County	Lealman Central Area Drainage Improvements (2027) Preliminary engineering for master drainage plan.	$150,000	Completed	CDBG	1/24/2019	10/26/2016	
Pinellas County	Government Facilities Remodel & Renovation (1633)	12,275,500	Completed	Penny for Pinellas	1/24/2019	10/26/2016	
Pinellas County	Community Buildings Emergency Shelter Project (1843)	6,950,000	Completed	Penny for Pinellas	1/24/2019	10/26/2016	
Pinellas County	Allens Creek Watershed Management Plan	$575,000	Complete	Surface Water Assessement Fee	1/24/2019	10/27/2016	Added by Rahim Harji
Pinellas County	McKay Creek Watershed Management Plan	$730,000	Complete	Surface Water Assessment Fee	1/24/2019	10/27/2016	Added by Rahim Harji
Pinellas County	118th Avenue Expressway (1618). Built east-west evacuation route parallel to Ulmerton Rd.	$55,750,000	Complete	Penny for Pinellas	1/24/2019	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	1/24/2019	10/27/2017	Added by David Talhouk
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	1/24/2019	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	1/24/2019	10/24/2017	Emergency Management / Community Planning
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	1/24/2019	10/24/2017	Emergency Management / Community Planning

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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	1/24/2019	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	1/24/2019	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 laternative evaluation.	$55,000	Study completed in 2005	Local	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	10/24/2017	Emergency Management / Community Planning
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	1/24/2019	10/24/2017	Emergency Management / Community Planning

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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	1/24/2019	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Annual Sanitary Sewer Rehabilitiation & 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	1/24/2019	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 improvements prior to discharge into Cross Bayou Canal.	$1,176,680	Completed FY13-14	Local and SWFWMD Grant	1/24/2019	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Emergency Generator Installation LS 27 to maintain service	$70,000	Completed FY13-14	Local	1/24/2019	10/24/2017	Emergency Management / Community Planning
Pinellas Park	Emergency Generator Installation LS1 to maintain service	$115,000	Completed FY13-14	Local	1/24/2019	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.	1/24/2019	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	1/24/2019	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	$94,824	Completed FY 2016-2017.	FDEP Grant and Pinellas Park Utility fees	1/24/2019	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	1/24/2019	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	1/24/2019	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)	1/24/2019	11/27/2018	Boisvert / Petersen
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.	$622,638	Completed FY 2017-2018	SWFWMD Grant and Pinellas Park Utility Fees	1/24/2019	11/27/2018	Boisvert / Petersen

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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.	1/24/2019	11/27/2018	Boisvert / Petersen
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	1/24/2019	8/19/2016	Adriana Nieves
Redington Beach	Flood mitigation of town streets and roads, milling & resurfacing	$2,000,000	Completed in 2012	Local	1/24/2019	8/19/2016	Adriana Nieves
Redington Beach	Replace intracoastal causeway north side seawall	$175,000	Completed in 2015	Local	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	8/30/2016	Steve Andrews
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	1/24/2019	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	1/24/2019	8/30/2016	Steve Andrews
Redington Shores	Town Hall / EOC Impact Shutters revised to impact windows	$15,000	Complete	Local	1/24/2019	12/17/2018	Steve Andrews
Safety Harbor	Public Works dewatering pump replacement	$18,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Harden Safety Harbor EOC – Impact resistant windows and doors.	$15,000	Complete	Federal, State, Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Harden Fire Station #52 – Impact resistant windows, doors, garage doors.	$110,000	Complete	Federal, State, Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Harden Fire Station #53 and upgrade EOC	$250,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	East Gate Drainage Improvements	$1,442,811	Complete	Local and State	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	South Green Springs - Improvements to minimize street flooding.	$1,500,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	11th Ave. S. Brick Street & Drainage Improvements	$701,339	Complete	Local and State	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Street and Yard Flooding - 2nd Ave. N.	$1,300,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Rigsby Center/Hurricane Shutters Installed	$1,438	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Parks & Bldg. Maintenance/Hurricane Shuitters and Wind rated Bay/Garage doors installed.	$4,021	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Street Flooding Improvements - Bailey Street	$430,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Bishop Creek Erosion and Storm Water Control, Harbor Woods	$906,857	Complete	Local and State	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #53, Replace Ladder Truck and special Equipment	$510,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Bishop Creek Erosion and Storm Water Control, Rainbow Farms Ph 1.	$1,300,000	Complete	Local and State	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Library/Hurricane Shutters for existing building	$7,058	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock

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Safety Harbor	Daisy Douglas Park/Wind rated garage doors installed.	$1,464	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #53/hurricane shutters installed	$1,398	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Public Works Office Facility/Hurricane shutters installed	$1,538	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	North City Park/Wind rated garage doors installed	$1,392	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Master Lift Station: new generator and pumps	$70,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #52: New generator	$75,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #53: New generator	$60,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Fire Station #53: Building to house new generator	$50,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Public Works replacement of a generator	$40,000	Complete	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	South Bayshore Drainage/Water Quality Improvements	$2,289,313	Completed	Federal, State, Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Cypress Trace Lift Station	$60,000	Completed	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Briar Creek Lift Station	$70,000	Completed	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Amber Glades Lift Station Repair	$90,000	Completed	Local	1/24/2019	10/21/2016	Michael Schoderbock
Safety Harbor	Highlands Lift Station	$60,000	Completed	Local	1/24/2019	12/18/2018	Brandon Henry
Safety Harbor	South Bayshore Lift Station and Generator	$125,000	Completed	Local	1/24/2019	12/18/2018	Brandon Henry
Seminole	Construct emergency operations center and public works garage. Estimated completion time: more than 12 months.	$6,500,000	Complete 2013	Local	1/24/2019		
South Pasadena	Storm shutters on public works building	$16,500	Complete	HMGP	1/24/2019		
South Pasadena	Generator switch at joint EOC	$15,000	Complete	Local	1/24/2019		
South Pasadena	Hardened fire station and construct addition	$43,000	Complete	HMGP $5,000/ Local $38,000	1/24/2019		
South Pasadena	Purchased 80KW generator for public works building	$39,000	Complete	Local	1/24/2019		
South Pasadena	City Hall Window Protection	$50,000	Complete	Local	1/24/2019		
St. Petersburg	Mitigated 3 waterfront properties on Bayou Grande Blvd. NE to prevent damage from flooding.	$289,237	Complete	Federal and Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	1st St. N. storm water project	$5,788,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Highland St. storm water project.	$844,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Nebraska Ave. NE storm water project.	$200,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	3rd St. Bayboro storm water project.	$3,668,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	4th St. S. Bayboro storm water project.	$2,369,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Floral Lake storm water project	$308,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Mirror Lake alum injection system.	$553,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Booker Creek Maintenance at Tropicana Dome.	$203,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	8th St. drain storm water project.	$2,558,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	67th St. drain storm water project.	$681,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Lake Winston storm water project.	$2,261,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	31st St. S storm water project.	$576,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Tinney Creek rehab. project.	$194,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Ponds Ditch rehab. project.	$30,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Clam Bayou retrofit project	$286,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Ditch piping project - 4 locations throughout the city.	$3,578,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Bayou Grande Blvd. NE project.	$398,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Roser Park Creek project.	$1,000,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	King St. N. drainage improvements	$2,966,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Oak St. NE drainage improvements	$344,000	Complete	Local	1/24/2019	9/26/2017	Noah Taylor

Pinellas County
Local Mitigation Strategy
2019 Appendix 10, Table 10-1: Mitigation Accomplishments

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
St. Petersburg	Riviera Bay & Snell Isle Stormwater Vaults	$1,400,000	Complete	Penney for Pinellas/Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	MLK Street N. Part 2 Storm Drainage Improvements	$5,958,000	Complete	SWFWMD/Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Golf Creek, 13th A/N & Vicinity Stormwater Improvements	$1,600,000	Complete	SWFWMD/Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Jungle Lake Outfall Storm Drainage Improvements	$2,980,000	Complete	SWFWMD/Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Jungle Lake Northeast Basin Storm drainage Improvements	$3,557,000	Complete	SWFWMD/Local	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	94th Ave. at Tinney Creek Storm Drainage Improvements	$1,500.00	Complete	Penney for Pinellas/SWFWMD/Local	1/24/2019	9/26/2017	Noah Taylor
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	1/24/2019	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	1/24/2019	9/26/2017	Noah Taylor
St. Petersburg	Flood and Wind Retrofit of Municipal Buildings	$310,000	Complete	Federal and Local	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	11/1/2016	Chelsey Welden
St. Pete Beach	Egan Park Improvements: Water Quality Detention Basin/1	$50,000	Complete	SWFWMD Grant	1/24/2019	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	1/24/2019	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	1/24/2019	10/3/2017	C.W. Porter

Pinellas County
Local Mitigation Strategy
2019 Appendix 10, Table 10-1: Mitigation Accomplishments

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
St. Pete Beach	Stormwater Improvements to Pass-a-Grille Way (Reconstruction Phase I)./1	$843,525	Complete	Stormwater Fund	1/24/2019	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	1/24/2019	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	1/24/2019	10/3/2017	C.W. Porter
Tarpon Springs	Riverside and Hillside Drive Stormwater Improvements	$67,000	Completed	Stormwater Utility	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Pent Street/Grosse Avenue Flooding Abatement Project Flooding/Drainage Improvements	$1,122,000	Engineering Design, Survey Underway	Stormwater Utility & Approved SWFWMD CFI	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Disston and Tarpon Ave Evac Route SW Improvements	$428,000	Design Complete	Stormwater Utility	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Kenneth Way Flooding/Drainage Improvements	$91,000	Conceptual Design	Stormwater Utility	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Center Street at Disston Ave Flooding/Drainage Improvements	$573,000	Alternatives Analysis Underway	Stormwater Utility	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Athens St. and Dodecenase Sponge Docks Flooding/Drainage Imp.	$27,000	Engineering Design	Stormwater Utility	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Palm Avenue Flooding/Drainage Improvements	$728,000	Conceptual Design, Application to SWFWMD for CFI	Stormwater Utility & CFI Application Submitted	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Highland Ave. & Vista Pl./Jasmine Ave. & Lime St.Flooding/Drainage Improvements	$161,500	Engineering Design, Survey Underway	Stormwater Utility & Approved SWFWMD CFI	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Disston Ave between Spruce and Live Oak Flooding/Drainage Imp	$581,000	Conceptual Design	Stormwater Utility	1/24/2019	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	Under construction	City of Tarpon Springs and Penny for Pinellas	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Window replacement, roof replacement, pointing of the brick and waterproofing City Hall.	$2,100,000	Under construction	City of Tarpon Springs and Penny for Pinellas	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Riverside/Hillside Drive Flooding Abatement	$56,000	Completed	Stormwater Utility	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Bath St./Shaddock Ave. Alley	$9,870	Completed	Stormwater Utility	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Stormwater Infrastructure (GIS) Assessment Project	$200,000	Data Collection, Application to SWFWMD for CFI	Stormwater Utility & CFI Application Submitted	1/24/2019	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	1/24/2019	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	1/24/2019	12/15/2018	Heather Urwiller
Tarpon Springs	Purchase 15 new portable generators	$459,000	Purchased	City of Tarpon Springs Utilities	1/24/2019	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	1/24/2019	11/13/2018	Heather Urwiller
Treasure Island	Elevated three structures above the base floor elevation	$100,000	Complete	Private	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Demolished three structures and replaced with conforming structures.	$1,500,000	Complete	Private	1/24/2019	10/31/2017	R.G. Bray, Jr.

Pinellas County
Local Mitigation Strategy
2019 Appendix 10, Table 10-1: Mitigation Accomplishments

Municipality / Entity	Project	Est. Cost	Status	Funding	Date Last Reviewed	Date Last Updated	Updated By
Treasure Island	Demolished one structure in flood area.	$800,000	Complete	Local and State	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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	1/24/2019	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.	Complet and on-going	Local and County (sea oats donation)	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	2013 Elevated 2 structures above BFE	$459,000	Complete	Private	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	2013 Demolished one structure in flood area (no replacement)	$10,000	Complete	Private	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Permits issues to elevate one structure above the base floor elevation (to be completed in 2014)	$1,430,000	Underway	Private	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Demolition of 7 non-FEMA compliant structures (2015)	$64,700	Complete	Private	1/24/2019	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	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Palms Bridge replacement	$1,657,638	Complete	Local	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Capri Bridge replacement	$2,244,517	Complete	Local	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Main Lift Station Refurbishment	$429,176	Complete	Local	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Lift Station #3 Refurbishment	$244,339	Complete	Local	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Emergency Generator	$56,400	Complete	Penny for Pinellas, Local (Wastewater General Fund)	1/24/2019	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)	1/24/2019	10/31/2017	R.G. Bray, Jr.
Treasure Island	Harden / Refurbish Municipal Facilities (LS #4)	$756,289	Complete	Local (Wastewater General Fund)	1/24/2019	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	1/24/2019	11/19/2018	R.G. Bray, Jr.

From:	Moore, Christopher D
To:	"gkatica@townofbelleair.net"; "mayor@cityofbelleairbeach.com"; "carbutine@belleairbluffs-fl.gov"; Mayor Robert Schmidt; "george.cretekos@myclearwater.com"; Bujalski, Julie; "shenderson@mygulfport.us"; "ckennedy@irbcity.com"; "psoranno@myindianshores.com"; Wanda Dudley Kenneth City; Woody Brown; "mblack@madeirabeachfl.gov"; "mayor@townofnorthredingtonbeach.com"; Doug Bevis; "sbradbury@pinellas-park.com"; "mayor@townofredingtonbeach.com"; "mayor@townofredingtonshores.com"; "jayoub@cityofsafetyharbor.com"; "mayor@stpetebeach.org"; Kriseman.Rick; "lwaters@myseminole.com"; Elson, Max; "calahouzos@ctsfl.us"; "llunn@mytreasureisland.org"
Cc:	Vincent, Renea
Subject:	Pinellas County Local Mitigation Strategy Update
Date:	Friday, December 21, 2018 3:10:00 PM
Attachments:	LMS-Working-Group-Roster_1.31.18.pdf

Dear Mayors,

We are writing you today to formally invite your community to participate in a FEMA-required update to Pinellas County's Local Mitigation Strategy (LMS). The LMS is a multi-jurisdictional all-hazards plan. Its purpose is to assess our community's risk from natural and manmade disasters and identify projects that will reduce loss of life and property. Having this plan in place makes local governments, businesses, non-profits and residents in the county eligible to apply for federal hazard mitigation grant funding. However, local governments must participate in the planning process and adopt the plan for their communities to be eligible. The LMS also serves as the county's floodplain management plan and earns credit under the Community Rating System (CRS) program, which provides flood insurance premium discounts to each participating jurisdiction.

FEMA requires the entire plan to be updated every five years. The LMS takes a whole-community approach by bringing public and private partners together to update the plan. County and municipal governments, other governmental agencies, local universities, businesses, non-profits and residents are all encouraged to contribute. The County's LMS expires on May 5, 2020, and on January 24, 2019 we will begin updating the plan as required by FEMA. This letter is intended to inform you of this effort as well as invite your community to participate in the planning process.

Last year's LMS Working Group member list is attached for your convenience to see who from your organization may be participating. (**Please note:** Working Group members are in the process of updating this list as part of a separate annual update process due at the end of January 2019, so some staff name edits may not have been updated yet.)

If you or a member of your staff has any questions about this effort, please do not hesitate to contact me directly.

Happy holidays!

Christopher D. Moore, CFM
CRA & Resiliency Manager
Pinellas County Planning Department
Tell us how we are doing!
Phone (727) 464-8219
cdmoore@pinellascounty.org

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Immediate Release
Aug. 16, 2018
Media Contact
Libby Bolling, Public Information Specialist, (727) 464-4600

Pinellas partners to review and update Local Mitigation Strategy

County efforts support goal of ensuring public health, safety and welfare

- Review is underway for Pinellas County's Local Mitigation Strategy
- Mitigation plan helps identify potential hazards and set goals to reduce hazard risk
- Review the current plan and annual reports at www.pinellaslms.org

Pinellas County, its municipal partners and other stakeholders are gearing up to review and update this year's Pinellas County Local Mitigation Strategy (LMS).

Updated annually, the purpose of an LMS is to establish ongoing processes that make hazard mitigation part of the daily functioning of the entire community. Mitigation plans identify potential hazards and vulnerabilities, set goals and establish specific actions or remedies to reduce the risk of natural or manmade hazards to people, buildings, infrastructure and the environment.

Mitigation plans are also required by the federal government for municipalities to be eligible for federal hazard mitigation grants. The Florida Division of Emergency Management has previously recognized Pinellas County's Local Mitigation Strategy plan as among those in the top tier of the state.

The county's hazard mitigation efforts underscore a component of its strategic plan, ensuring public health, safety and welfare by providing planning, coordination, prevention and protective services to ensure a safe and secure community.

Residents and community stakeholders are invited to participate in the process by attending LMS planning meetings and providing comments on current LMS projects, which are detailed in the 2017 annual update. Visit www.pinellaslms.org to review the plan and annual reports.

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Meeting Minutes

Pinellas County Local Mitigation Strategy Working Group Meeting

Wednesday January 10, 2018 1:30 P.M.

Pinellas County Planning Department

310 Court Street, 1st floor, Clearwater, FL 33756

1. **Welcome and Introductions**
   Chris Moore, with Pinellas County Planning, welcomed the attendees and facilitated introductions.

2. **Approval of Minutes**
   The minutes of the October 12, 2017 meeting were approved unanimously.

3. **FDEM Annual LMS Updates**

   Mr. Moore led a discussion on the annual LMS updates to Appendices 7, 9 & 10. There were 87 new outreach projects added to Appendix 7, 58 new mitigation projects added to Appendix 9, and and 29 completed mitigation accomplishments totaling nearly $90 million added to Appendix 10. Prior to taking action on the updates, minor additions added after the agenda being sent out included adding a new member to the Working Group roster for Dunedin and Eckerd College added a project to Appendix 10 for an approximately $15 million new Arts Center. The discussion continued with roster edits for City of Largo, St. Pete Beach and Tarpon Springs. Working Group Member Bob Bray inquired about new Appendix 9 projects that were recommended for withdrawal by the scoring committee. Mr. Moore explained the scoring committee felt that those were not eligible mitigation projects. The discussion continued as whether the Appendix 9 was specifically for HMGP projects, and it was explained that the State requires projects be listed in the LMS for other grant programs such as the Pre-Disaster Mitigation grant program as well. The 2017 annual updates to Appendix 7, 9 & 10 were approved unanimously by the Working Group.

4. **Hazard Mitigation Grant Program Update and Discussion**

   Mr. Moore explained that Pinellas County will receive a Hazard Mitigation Grant Program (HMGP) funding allocation related to Hurricane Irma. The Notice of Funding Availability (NOFA) has not been released but is anticipated to be released within a week. A discussion followed on the process for submitting and ranking HMGP applications, with the ranking process to be determined at a later date based on the amount of funding the County receives and the amount of interest in applying. Additional updates will be provided as more information is received. Once the NOFA is released, the State is required to provide applicants a minimum of 90 days to submit applications. The State will host workshops to allow applicants a chance to ask project-specific questions, and that information will be forwarded out to the group once the dates are announced.

5. **FEMA 5-Year LMS Update**

Mr. Moore announced that the County had selected the consulting firm Dewberry for a Phase 1 engagement of the 2020 FEMA-required update of the LMS. The first phase is essentially a "diagnostic report" of the current LMS plan, with Phase 2 to be the actual plan update. Phase 1 entailed reviewing the current plan in terms of what is required under state statute and what is not, recommendations for simplifying the information presented, and what information must be maintained to ensure compliance for the LMS plan to serve as the Floodplain Management Plan under the Community Rating System. Chris Zambito of Dewberry then provided a presentation summarizing his findings and detailing three plan structure scenarios under consideration for the 2020 update. The planning process for the 2020 LMS update is anticipated to kick off in April.

6. **Selection of LMS Chair/Vice-Chair for 2018**

The LMS Working Group selected Chris Moore, of Pinellas County and Noah Taylor, City of St. Petersburg, Chair and Vice-chair, respectively, for 2018.

7. **Announcements**

Lisa Foster, Floodplain Administrator for Pinellas County, announced she had a meeting with FEMA and their consultants concerning the preliminary updated NFIP maps. These have not yet been made available to the public. This is a coastal floodplain map update only, not riverine floodplains. Lisa Foster will be providing the maps to the Community Rating System Coordinators for each of the municipalities in the near future.

Adjourn

The meeting was adjourned at 3:06 pm.

Meeting Minutes

Pinellas County Local Mitigation Strategy Working Group Meeting

Wednesday April 4, 2018 1:30 P.M.

Pinellas County Planning Department

310 Court Street, 1st floor, Clearwater, FL 33756

1. **Welcome and Introductions**
   Chris Moore, with Pinellas County Planning, welcomed the attendees and facilitated introductions.

2. **Approval of Minutes**
   The minutes of the January 10, 2018 meeting were approved unanimously.

3. **Hazard Mitigation Grant Program (HMGP) Update and Discussion**

   Mr. Moore began the discussion by summarizing the Intent to Apply process established by Pinellas County to gauge applicant interest in the Hazard Mitigation Grant Program (HMGP) funding related to Hurricane Irma Hurricane. The County received 54 Intent to Apply (ITA) forms from 11 different entities totaling approximately $72.3 million worth of projects. Given the County is only allocated approximately $12.5 million worth of HMGP funds the discussion continued with how the projects will be ranked, as the State will not review any applications that are not endorsed by the Working Group, including the order in which the State will review them. Several ranking methods were discussed: (1) a distribution based on populations served by the entities that applied, (2) an equal distribution among those that applied (accounting those entities that would be fully-funded with less than an equal distribution and those that would require additional funds), (3) prioritizing specific projects based on project type or "lessons learned" from previous storm events (4) voting members individually ranking all 54 ITA forms submitted to establish a weighted average, and (5) convening the LMS Scoring Committee. After discussion, option (5) was the desired approach by the majority of Working Group Members. It was decided that all ITA forms submitted would be required to submit an updated Project Scoring Sheet (projects already listed in the LMS had not been required to do so given one had been completed in the past). Updated scoring sheets were desired due to inconsistencies in scoring calculations in the spreadsheet and differing scoring committee members over the last several years. Re-scoring would provide an "apples to apples" comparison of all projects and provide the most objective ranking process, while providing a detailed methodology to prioritize projects having the most benefits. The ranking process was determined by a vote by voting Working Group members as established in the LMS. The motion made included convening the scoring committee to review scoring sheets for all ITA forms submitted. The motion also included re-opening the Intent to Apply process until April 11, however, any entity submitting during the extended period would face a 5% scoring reduction. Nine members voted in favor of the motion, with 6 opposed. The results of the LMS Scoring Committee review will be presented to the Working Group at the May 2 meeting for discussion and consideration for final ranking.

4. **FEMA 5-Year LMS Update**

Mr. Moore indicated the County was nearly complete in negotiating the scope of work and budget for Phase 2 of its engagement with Dewberry related to the 5-year LMS plan update required by FEMA. The update will include development of an ESRI StoryMap tool to replace the current LMS website, providing improved outreach and education capability to the public, as well as increased functionality for Working Group members. The "Planning Process" for the update is anticipated to begin at the July LMS meeting.

5. **Countywide Sea Level Rise and Storm Surge Vulnerability Assessment Presentation**

Mr. Moore gave an update and presentation on a Countywide vulnerability assessment funded in part by a RESTORE Act grant. WSP, Inc. was the contractor selected, with the University of Florida providing new storm surge modeling services as a sub consultant. The scope of work includes developing storm surge and tidal (sea level rise) flooding for future time periods and multiple sea level rise scenarios. Deliverables include new mapping that will express future flooding in various frequency intervals to more accurately estimate risk/probability of impacts. Infrastructure asset data will be overlaid upon the sea level rise and storm surge mapping to help determine the risk of inundation in terms of 1 day of flooding per year, 5 days, 25 days, etc. Approximately 30-40 assets determined to be vulnerable in the mapping process will undergo a detailed analysis to determine the actual depth of flooding and it financial impact to each asset specifically. A subset of five selected assets will then undergo and adaptation assessment process to determine various strategies that could be implemented to mitigate or eliminate the threat, including cost benefit analyses of those strategies to determine which may bring the best return on investment.

6. **Announcements/Adjournment**

Members were reminded the State will be hosting a regional HMGP applicant webinar on April 12 to allow for project-specific questions to be addressed. A reminder regarding the Florida Floodplain Managers Association to be held April 10-13 in Orlando was also provided.

Adjourn

The meeting was adjourned at 3:06 pm.

Meeting Minutes

Pinellas County Local Mitigation Strategy Working Group Meeting

Wednesday May 2, 2018 1:30 P.M.

Pinellas County Planning Department

310 Court Street, 1st floor, Clearwater, FL 33756

1. **Welcome and Introductions**
   Chris Moore, with Pinellas County Planning, welcomed the attendees and facilitated introductions.

2. **Approval of Minutes**
   The minutes of the April 4, 2018 meeting were approved unanimously.

3. **Hazard Mitigation Grant Program (HMGP) Update and Discussion**

   Mr. Moore provided an update on all Intent to Apply process established and the results of the LMS Scoring Subcommittee's review of all project scoring sheets. At the April 4, 2018 LMS meeting the Working Group decided to allow an extension to the Intent to Apply process, and four new applications were received: two from the City of Dunedin, one from the City of South Pasadena, and one from the nonprofit The Arc of Tampa Bay. The Scoring Subcommittee convened on April 11 to review all individual project scores for consistency among scoring categories and made recommended edits for the Working Group's consideration. Certain projects were also recommended to be removed for consideration after receiving feedback from Florida Division of Emergency Management staff during the regional applicant webinar held by the State. Based solely on project scoring sheet criteria, Pinellas County and the City of St. Petersburg would have received approximately $11.2 of the $12.5 million of the countywide HMGP funding allocation. Given the disproportionate results, Mr. Moore explained that Pinellas County Planning had devised other scoring methodologies for the Working Group to consider. The three options for consideration by the Working Group are (1) a ranking solely based on project scores, (2) dividing the funds up among all of the entities that submitted Intent to Applys based on estimates of the populations they serve and (3) a hybrid method that factors in the project scoring sheets as well as estimates of populations served. Mr. Moore explained that the hybrid methodology was intended to honor scoring system, while also allowing for a more equitable distribution of funds. In this methodology each applicants' top scoring project(s would be funded until their population-based allocation amount was met. This leads to most applicants having a partially funded project. These partially funded project balances would then be reallocated to fund the next highest-scoring, partially-funded projects among all applications.

   Mr. Moore then presented pros and cons of each of the scenarios, and walked through specific examples of the hybrid scenario, visually demonstrating how carryover/balance funds for partially funded projects would be reallocated. Finally, he displayed how funds would be allocated based

upon the results of each of the three scenarios before opening the floor for discussion by the Working Group. The general consensus of the Working Group was that the scenario based solely on project scoring sheets, which would result in 90% of funds being allocated to the two largest local governments, was not the preferred methodology. However, a distribution determined solely by estimates of populations served, with no metrics evaluating the individual projects was not desirable either. As such the hybrid scenario was preferred. After further discussion a motion was made by Greg Becker of Pinellas County Emergency Management and seconded by Bob Bray of the City of Treasure Island, to accept the recommended project scoring revisions made by the LMS Scoring Subcommittee to be used as the final project scores. The motion was approved unanimously. Next, the discussion continued on which ranking methodology would be chosen, specifically with regard to how the projects would be ordered in terms of the State's review. Ultimately the Working Group chose the project scoring/population distribution hybrid ranking system as the methodology, with the project ranking list required to be sent to the State flowing in the following order: highest-scoring, fully-funded scoring projects first, highest-scoring, partially-funded projects second, highest-scoring, unfunded projects third, and the unfunded projects deemed likely ineligible fourth. Greg Becker made a motion to accept this process. It was seconded and passed unanimously.

The group was reminded that the State encourages to over submit for their County's allocation. Some of the projects that were ranked in the top $12.5 million allocated to the County may ultimately be deemed ineligible by the State, but the only way projects ranked lower can be funded is if they complete the application by the August 6, 2018 deadline. Similarly, if other communities do not spend their entire allocation, Tier II funds will eventually become available but the only way to become eligible is to also to apply by August 6.

4. Announcements/Adjournment

Mr. Moore announced that the annual LMS report utilized for CRS purposes has been completed and will be posted on www.pinellaslms.org. Lisa Foster reminded the group we are still seeking public/non-governmental stakeholders to serve on the Public Stakeholder Committee in an effort to further engage the public while also earning additional CRS points.

Adjourn

The meeting was adjourned at 3:06 pm.

Meeting Minutes

Pinellas County Local Mitigation Strategy Working Group Meeting

Wednesday July 11, 2018 1:30 P.M.

Pinellas County Planning Department

310 Court Street, 1st floor, Clearwater, FL 33756

1. **Welcome and Introductions**
   Chris Moore, with Pinellas County Planning, welcomed the attendees and facilitated introductions.

2. **Approval of Minutes**
   The minutes of the May 2, 2018 meeting were approved unanimously.

3. **Hazard Mitigation Grant Program (HMGP) Update and Discussion**

   Mr. Moore asked for an update from each of the applicants who were applying for HMGP funds. Representatives from all but two entities provided updates that their applications were on track for submittal. Pinellas Suncoast Fire and Rescue District and The ARC of Tampa Bay were not present for updates. Mr. Moore indicated he had been in communication with both groups and that Pinellas Suncoast and Fire had indicated they were on track to apply, but that The ARC of Tampa Bay was less certain. He then reminded the group that if the ARC of Tampa Bay did not apply or if anyone else who did but was deemed ineligible by the State, those associated funds would flow down the ranking list to the next highest projects, but those ranked projects must actually apply by August 6 to be eligible. The next update concerned the Tier II ranking process. The group was informed on the process that will occur. For Tier I, each County was allocated a portion of the State's total allocation from FEMA and if a County did not submit eligible applications to use its entire Tier I allocation, the unused portion would then be reallocated into a Tier II allocation. The State would then tally up the total amount of eligible but unfunded projects from each County, and distribute the Tier II funds on a percentage basis based upon each County's percentage of the total of state-wide unfunded projects. This process will not likely occur for at least a year, as it will take time for the final eligibility determination of all the Tier I projects is determined.

   The next agenda item under the HMGP update focused on a request from REBUILD Northwest Florida, a 501(c)3 nonprofit formed in 2004 after Hurricane Ivan to windstorm harden homes. REBUILD has hardened approximately 14,000 houses in Escambia and Santa Rosa Counties since that date utilizing HMGP funds. Mr. Moore explained REBUILD's operations and that they were seeking an endorsement to be listed on Pinellas County's HMGP project list. A discussion followed with some communities raising concerns and some supporting the endorsement. A motion was made to endorse REBUILD NW Florida to windstorm harden up to 3,000 homes for a total project cost of $30,000,000 with a Federal Share of $22,500,000, and for the project to be placed last on

Pinellas County's HMGP project endorsement list. The motion was approved by a vote of 7-4 with Pinellas County Planning and Emergency Management departments, and the cities of Gulfport, Pinellas Park, St. Pete Beach, South Pasadena, St. Petersburg and Largo all voting in favor, with the Town of Belleair, and the cities of Tarpon Springs, Treasure Island and Indian Rocks Beach opposed.

The next update concerned $616,000,000 worth CDBG-DR funds to be distributed through the Florida Department of Economic Opportunity primarily intended to address remaining unmet housing and economic development needs from Hurricane Irma. The state's timeline for implementing the program includes the Action Plan that guides how the funds will be spent being approved in July, with DEO anticipating a grant agreement from HUD in August, and in the Fall of DEO will work with eligible entities to implement the programs that are developed in the Action Plan. The Action Plan also states Florida will receive an additional $791 million to support additional unmet needs, including infrastructure and mitigation efforts through the CDBG-DR program. Funding for these programs will be included when the federal guidance is released but there is no set date for that to occur as of yet.

4. **Updates and Adjournment**

After brief updates on the timeline for the 5-year FEMA and annual FDEM LMS updates, and the Public Stakeholder meeting schedule, the meeting was adjourned at 3:02pm

Meeting Minutes

Pinellas County Local Mitigation Strategy Working Group Meeting

Wednesday November 14, 2018 1:00 P.M.

Pinellas County Planning Department

310 Court Street, 1st floor, Clearwater, FL 33756

1. **Welcome and Introductions**
   Chris Moore, with Pinellas County Planning, welcomed the attendees and facilitated introductions.

2. **Approval of Minutes**
   The minutes of the July 11, 2018 meeting were approved unanimously.

3. **Flood Mitigation Assistance Grant Application Endorsement Request (City of Belleair Beach)**

   The City of Belleair Beach requested a project endorsement related to a potential application for Flood Mitigation Assistance funds from FEMA. The project is part of the City's Stormwater Master Drainage Plan and would improve drainage along 7th Street and entails disconnecting from the Pinellas County stormwater system while adding new inlets, reinforced concrete pipe and an outfall with a check valve. The total cost has been estimated at $400,000. A motion was made by Heather Urwiller of City of Tarpon Springs, seconded by Bob Bray of the City of Treasure Island, and passed unanimously by the Working Group.

4. **Hazard Mitigation Grant Program Update and Discussion**

   Mr. Moore announced that the final, 12-month lock-in funding amounts had been determined by FEMA and FDEM, with Pinellas County's HMGP funding (Federal share) for Hurricane Irma (FEMA-4337-DR-FL) set at $16,606,200.81. The change in funding does not impact the Working Group's previous ranking process or project eligibility given the announcement occurred after all applications were due to the State. Given the expected fluctuation of the Federal share amounts, communities were encouraged to apply for more funds than were previously announced. FDEM indicated that Pinellas County did submit enough applications to utilize the full $16,606,200.81, however it had not reviewed applications for eligibility. Based on previous ranking and applications that were submitted, the City of Clearwater (projects 24, 26, 28 and 33) and Pinellas Park (project 30) would now be considered Tier 1 and eligible for allocated funds.

5. **LMS 5-Year Update Pre-Planning Discussion**

   Chris Zambito of SNC-Lavalin Atkins, project manager for the County's 5-year LMS update, presented on the schedule for the update process to occur in 2019, beginning at the January 24th meeting. The plan expires on May 5, 2020, and is due to the state in final draft mode in November.

The group was reminded that each municipality adopting the LMS for purposes of participation in the Community Rating System must have at least two members on the Working Group with a quorum of members present at each meeting, either in person or via webinar.

6. 2019 Meeting Schedule

The following dates were selected for the 2019 meeting schedule: January 24, February 20, April 17, June 19, July 17, September 18, October 16, with November and December dates to be determined at a later date based on need.

7. FDEM Annual Updates

The group was reminded that the annual FDEM updates are due by close of business on December 19, 2018 in order to be included. The group was also reminded that previous updates related to and projects submitted for consideration for Hurricane Irma HMGP process would be included in this update and were already listed in the approved Plan. The updates will be presented to the Working Group for adoption at the January meeting. The Working Group unanimously approved the re-appointment of Noah Taylor, LMS Vice Chair, City of St. Petersburg, and David Mixson, Fire Chief, City of South Pasadena, and Mr. Moore to serve on the LMS Scoring Subcommittee to review any new projects submitted in the update process.

8. Announcements

Mr. Moore introduced Catherine Perkins as the County's new Emergency Management Director. Ms. Perkins previously worked for Miami-Dade's Emergency Management Department, including previously leading its LMS Working Group.

9. Adjourn

The meeting was adjourned at 1:56 pm.