Table of Contents

COMMISSION MEETING
CITY OF ST. PETE BEACH

155 Corey Avenue
St. Pete Beach, FL 33706

Tuesday, October 25, 2016
6:00 PM

Call to Order
Pledge of Allegiance
Invocation
Roll Call

REGULAR MEETING

1. **Presentations** - Presentations shall be limited to 5 minutes for non-city government related items.
   a. **Proclamation - Walk like MADD and DASH Day**
   b. **Presentation Pinellas County Local Mitigation Strategies (LMS) Annual Report**

2. **Changes to the Agenda** - Any agenda items to be added, moved, or deleted will be addressed at this time. Added items will be assigned agenda item numbers and moved items should remain with the same item numbers. Notation will be made that those items will be taken out of order. Consent items may be removed for discussion, changes, and/or anticipation of a non-unanimous vote and considered separately on the request of anyone on the Commission or by a majority vote of the City Commission upon request of an audience member.

3. **Audience Comments** - Comments shall be limited to 3 minutes per person to issues not on the agenda, 21 minutes in total.

4. **Consent – No items submitted at this time.**

5. **Action Items**
    a. **PSTA Request for City of St. Pete Beach support of Bus Rapid Transit (BRT) project.**
    b. **Conditional Use Approval for case number 2016-0045, for the property located at 5750 Gulf Boulevard – Applicant requests conditional use approval for a proposed a 217 room hotel, a 810 space multi-story parking structure, a timeshare sales center, a spa and fitness center, a marketing office, a pool bar, a Coral Reef reception area and other ancillary amenities transient lodging establishment.**
    c. **Authorization for the City Manager to purchase GeoThermal Heat/Cool units from Symbiont Services Corp. for the Recreation Department in the amount of $87,944.00.**
    d. **Authorize the City Manager to execute a purchase agreement with Hall-Mark RTC in the amount of $157,800.00 with funds provided by Pinellas County EMS utilizing the Florida Sheriff's Bid to replace the 2001 Freightliner rescue unit located at fire station 22.**
    e. **Authorize the City Manager to execute a change order to the existing contract with USA Voltage, LLC in the amount of $48,850 to provide underground utility service connections for the Pass-A-Grille Way North Reconstruction project.**
    f. **Authorize the City Manager to execute two change orders to the existing agreement with Cribb Philbeck Weaver Group, Inc. (CPWG) for a combined $16,490 for renovations to the Warren Webster Building.**
    g. **Authorize the City Manager to enter into a purchase agreement with Seminole Septic for $41,900 for emergency pumping of the wastewater system to facilitate cleaning of our blocked and surcharged wastewater trunk lines.**
    h. **Authorize the City Manager to enter into a purchase agreement with Progressive Environmental (SWS) for $62,180.63 for emergency pumping of the wastewater system to facilitate cleaning of our blocked and surcharged wastewater trunk lines.**

6. **Ordinances**
    a. **Ordinance 2016-21, Final reading and Public Hearing, an ordinance of the City of St. Pete Beach amending St. Pete Beach Code of Ordinances, Appendix A - Fees**

b. **Ordinance 2016-15, Final Reading and Public Hearing amending the Land Development Code regarding accessory structures for commercial uses. (Beach Concession Huts)**
c. **Ordinance 2016-03, First Reading and Public Hearing amending chapter 86- Utilities, of the City of St. Pete Beach Code of Ordinances, Section(s) 86-147 - 86-153, pertaining to fats, oils, and grease (FOG).**

7. **Resolutions – No items submitted at this time.**

8. **Items for Discussion – No items submitted at this time.**

9. **Audience Comments 2** - Comments shall be limited to 3 minutes per person to issues not on the agenda, 21 minutes in total.

10. **City Clerk, City Manager, City Attorney and City Commission Reports**

11. **Adjournment**

APPEAL: If a person decides to appeal any decision made at this meeting, he/she will need a record of the proceeding and, for such purpose, will need to ensure that a verbatim recording of the meeting is made that includes the testimony and evidence on which to base the appeal. (Florida Statute 286.0105) The City does not furnish verbatim transcripts. Interested parties should make the necessary arrangements for verbatim transcripts.

AMERICANS WITH DISABILITIES ACT: In accordance with the Americans with Disabilities Act and Florida Statutes, Chapter 286.26, persons needing special accommodations to participate in a meeting should contact City Hall at (727) 367-2735 no later than four (4) days prior to the meeting for assistance.

The public is cordially invited to attend this meeting.
All agenda material is available for review at City Hall.

THE SUNSET CAPITAL OF FLORIDA

PROCLAMATION

WHEREAS, On Saturday, November 19th, 2016 MADD West Central Florida will host the Pinellas Walk Like MADD and Dash at Largo Central Park in Largo; and,

WHEREAS, Funds raised will be used to continue MADD Pinellas's community education, victim support services, and youth programs that work to eliminate underage drinking; and,

WHEREAS, The Mayor and City Commissioners remind the citizens of St. Pete Beach that the cure for drunk driving is awareness and education so each one of us chooses to drive sober or designate a driver.

NOW, THEREFORE, I, Deborah Schechner, Mayor of the City of St. Pete Beach, on behalf of the City Commission proclaim November 19th, 2016 as

Walk like MADD and Dash Day

And encourage all residents to participate in this important event.

Seal:

IN WITNESS WHEREOF, I have set my hand and caused the Seal of the City of St Pete Beach, County of Pinellas County, State of Florida, to be affixed this 8th day of November, 2016.

____

Deborah Schechner, Mayor

St. Pete Beach City Commission
Agenda Report

Issue Considered:	Pinellas County Local Mitigation Strategy (LMS) 2015 Annual Report
Date:	October 25, 2016
Prepared By:	Bruce Cooper, Building Official
Through:	Jennifer Bryla, Community Development Director
Summary of Issue:	Each year Pinellas County must prepare an annual report regarding their Local Mitigation Strategy (LMS) plan as required by the Community Rating System (CRS). The City of St Pete Beach has adopted the County's plan in lieu of our own, which gives us credit points under our Community Rating System. The County's annual report (2015) was submitted and approved by the State of Florida, Division of Emergency Management as part of their compliance with the Community Rating System. As part of the City's annual Community Rating System Certification process, I must submit this annual report to the City Commission without any action required.
Requested Motion:	No action is required.
Attachment:	2015 LMS Annual Report
Reviewed by the City Manager:	WS ____

M E M O

To: **City Commission**

From: **Bruce Cooper**

Date: **10/25/16**

Re: **Local Mitigation Strategy (LMS) Annual Report**

As part of the City's annual certification of our Community Rating System, I must submit Pinellas County's annual report on their Local Mitigation Strategy to the City Commission. The City Commission adopted the County's LMS plan in lieu of the City providing their own.

The National Flood Insurance Program's (NFIP's) Community Rating System (CRS) is a voluntary incentive program that recognizes communities for implementing floodplain management practices that exceed the Federal minimum requirements of the NFIP to provide protection from flooding. The City Commission adopted the County's Local Mitigation Strategy plan in lieu of the City providing their own. By this adoption, the City receives credit points towards our overall rating.

In exchange for a community's proactive efforts to reduce flood risk, policyholders can receive reduced flood insurance premiums for buildings in the community. These reduced premiums reflect the reduced flood risk resulting from community efforts toward achieving the three CRS goals:

1. Reduce flood damage to insurable property
2. Strengthen and support the insurance aspects of the NFIP
3. Encourage a comprehensive approach to floodplain management

Key points regarding the LMS:

- The intent of the LMS was to control the skyrocketing costs of disasters. Most of the financial burden of the recovery from a disaster, fall squarely on the shoulders of local governments.
- The purpose of an LMS is to provide a "blue-print" or guide establishing a unified and consistent course of action in order to eliminate or reduce the impact of disasters that threaten Pinellas County and its municipalities.
- The original LMS was adopted by the Board of County Commissioners in July of 1999.
- Adoption of this strategy is necessary for Pinellas County to be eligible for future Federal funding under the:

    1. Pre-Disaster Mitigation Assistance Program
    2. Hazard Mitigation Grant Program (post disaster)

3. Flood Mitigation Assistance Program
4. Repetitive Flood Claims Program
5. Severe Repetitive Loss Program

The City's main participation with the LMS is to provide a list of mitigation initiatives that are ranked in order to be eligible for funding as outlined above, should it become available.

The list of mitigation initiatives contained within Appendix 9 of the LMS~~,~~ reflects all of the initiatives submitted by all participants including Pinellas County, each municipality within the County, regional entities, and private non-profit organizations.

Currently, all City departments are reviewing and updating Appendix 9 with new projects.

Pinellas County LMS 2015 Annual Report

OVERVIEW

Pinellas County, its municipalities, and other stakeholders have developed a 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 municipalities. The LMS has been in effect since 1998, and the 2014 update to the LMS focused on using the 10-step process consistent with the Federal Emergency Management Agency (FEMA) Floodplain Management Planning (FMP) element of the Community Rating System (CRS).

Each year the LMS Working Group meets and reviews the LMS action items. The action items are updated as appropriate and implemented projects and success stories are added. The Working Group also amends the LMS if they identify any other appropriate changes to the action plan. Once approved by the State, the County posts the updates on the LMS website, www.PinellasLMS.org, sends a media release, and each jurisdiction submits the updates to their governing board.

2016 LMS UPDATES

The most recent Pinellas County LMS 5-year update was adopted in May 2015. The LMS Working Group developed the 2015 LMS update schedule in July 2015. Pinellas County and its municipalities reviewed, and revised as needed, the action items. The updates were discussed by the Working Group in October 2015, and further reviewed by a subcommittee. In January 2016 the Working Group reviewed and finalized the 2015 updates and sent them to the state for approval. Attachment 1 contains LMS meeting agendas and minutes detailing these efforts. The action items identified for revision included updates to Appendix 9, Mitigation Initiatives, and Appendix 10, Mitigation Accomplishments and Success Stories, which are detailed in Attachment 2. No other changes were identified.

The State approved the 2015 updates January 29, 2016 and the LMS Working Group subcommittee updated the LMS document and posted it to the LMS website. The County notified the public of the update via a news release and submitted the update to the Board of County Commissioners. Each jurisdiction also submitted the updates to their governing boards.

ATTACHMENT 1

January 29, 2016

Ms. Renea Vincent
Pinellas County Local Mitigation Strategy Coordinator
310 Court Street
Clearwater, Florida 33757

Re: Florida Administrative Code 27P-22.004 Compliance

Dear Ms. Vincent:

The Florida Division of Emergency Management's Mitigation Planning Unit received your updated 27P-22.004 information for the 2015 calendar year. After looking through the information received, it has been determined that your update is complete and your Local Mitigation Strategy is in compliance.

If you have any questions regarding this matter, or if our office can be of any further assistance, please contact our Lead Mitigation Planner Jamie Leigh Price at 850-412-9925 or jamie.price@em.myflorida.com.

Respectfully,

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

MEA/jlp/dmb

STATE OF FLORIDA
DIVISION OF EMERGENCY MANAGEMENT

RICK SCOTT
Governor

BRYAN W. KOON
Director

January 29, 2016

Ms. Renea Vincent
Pinellas County Local Mitigation Strategy Coordinator
310 Court Street
Clearwater, Florida 33757

Re: Florida Administrative Code 27P-22.004 Compliance

Dear Ms. Vincent:

The Florida Division of Emergency Management's Mitigation Planning Unit received your updated 27P-22.004 information for the 2015 calendar year. After looking through the information received, it has been determined that your update is complete and your Local Mitigation Strategy is in compliance.

If you have any questions regarding this matter, or if our office can be of any further assistance, please contact our Lead Mitigation Planner Jamie Leigh Price at 850-412-9925 or jamie.price@em.myflorida.com.

Respectfully,

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

MEA/jlp/dmb

Pinellas County PLANNING

January 21, 2016

Miles E. Anderson, Chief, Bureau of Mitigation
Florida Division of Emergency Management
ATTENTION: Mitigation Planning Section
2555 Shumard Oaks Boulevard
Tallahassee, FL 32399-2100

RE: 2016 Local Mitigation Strategy – Annual Update: Pinellas County

Dear Mr. Anderson:

This letter is to comply with Florida Administrative Code 27P-22, pertaining to the annual update on information regarding the Pinellas County Local Mitigation Strategy (LMS) and its Working Group.

The Chair of the Pinellas County LMS Working Group was elected at a regularly scheduled meeting on January 14, 2015. The Chair for 2015 is Carol Renea Vincent, Community Planning Section Manager. Noah Taylor, CRS Coordinator, City of St. Petersburg will serve as Vice-chair.

The membership consists of two types of members. Voting members representing each municipality, the Pinellas County School Board, Pinellas County Emergency Management Department and Pinellas County Planning Department have one vote. Advisory members do not have a vote, but are consulted for technical expertise and valuable input into the planning process. The Working Group continues to work with and seeks to increased participation of not-for-profit organizations, faith-based associations and the private sector. Attached, for your information, is the current roster of LMS participants in Pinellas County. A regular schedule of quarterly meeting dates is set for 2016 as follows: April 14, July 14, October 13, and Dec. 15. Discussion issues and other pertinent information are disseminated by email, as well as posted on a SharePoint site linked to our public access website: www.pinellaslms.org. Quarterly meetings are also posted on Pinellas County's Public Calendar of meetings.

Also attached are the updates to the Pinellas County LMS that were approved by the LMS Working Group at its January 14, 2016 meeting. These updates pertain to Appendix 9 - Mitigation Initiatives, and to Appendix 10 - Mitigation Accomplishments. Attachments for these updates are shown in strike-through/underline format. Clean versions will be placed on the LMS website after receipt by FDEM.

Pinellas County Planning
310 Court Street
Clearwater, FL 33756
Main Office: (727) 464-8200
FAX: (727) 464-8201
V/TDD: (727) 464-4062

www.pinellascounty.org

If you have further questions, please feel to contact me at 727-464-8200 or via email at rvincent@pinellascounty.org.

Sincerely,

Renea Vincent
Pinellas County Community Planning Manager
LMS Chair

Attachments
1) Roster of LMS Participants
2) Appendix 9 Updates (Strike-through/Underline)
3) Appendix 10 Updates (Strike-through/Underline Copy)

cc: Commissioner Charlie Justice, Chair
Pinellas County Board of County Commissioners

Sally Bishop, Director
Pinellas County Emergency Management

PINELLAS COUNTY LOCAL MITIGATION STRATEGY WORKING COMMITTEE ROSTER
Jan-16

Agency/Organization	Name	E-Mail Address	Phone	Position Title
American Red Cross	Hendrickson, Mark	mark.hendrickson@redcross.org	727-744-0382	Business Consultant for COOP & Community Development Education
American Red Cross	Bueno, Jose C	Jose.Bueno@redcross.org	813-868-7673	Regional Preparedness Manager
Area Agency on Aging of Pin./Pasco	Martino, Jason	jason.martino@aaapp.org	727-570-9696	Emergency Coordinating Officer
Bay Area DKI	Ennest, Chris	CEnnest@bayareadki.com	813-224-2464	Account Manager
Bayfront Health St. Petersburg	Beckert, Bruce	bruce.beckert@hma.com	727-893-6967	Construction Coordinator
Bayfront Health St. Petersburg	Roger Fournier PI	roger.fournier@BayfrontHealth.com	727-893-6171	Director of Public Safety
Bayfront Health St. Petersburg	Baker, Glenn	Glenn.Baker@bayfronthealth.com	727-893-6074	Emergency Management Coordinator
Belleair	Lauda, Gregg	glauda@townofbelleair	727-588-3760 x 215	
Belleair Beach	Godfrey, Allen	agodfrey@cityofbelleairbeach.com	727-595-4646 x123	Community Services Manager
Belleair Beach	Gonzalez, Nancy	Ngonzalez@CityofBelleairBeach.com	727-595-4646 x 121	City Manager
Belleair Bluffs	David, Robert	rdavid@belleairbluffs-fl.gov	727-584-2151	Director of Public Works
Clearwater	Matzke, Lauren	lauren.matzke@myclearwater.com	727-562-4547	Long Range Planning Manager
Clearwater (Alternate)	Kessler, Sarah	Sarah.Kessler@myclearwater.com	727-562-4897	Environmental Specialist CRS Coordinator
Clearwater	Ehlers, Scott	scott.ehlers@myclearwater.com	727-562-4334 x3205 727-224-7072 Cell	Emergency Manager
Dunedin	Parks, Jeff	jparks@dunedinfl.net	727-298-3094	Fire Chief
Dunedin	Joan McHale	jmchale@dunedinfl.net	727-298-3198	Program Coordinator, Planning
East Lake Tarpon Fire Control District	Jamison, Tom	tjamison@elfr.org	727-784-8668	Fire Chief
Eckerd College	Mets, Lisa	metsla@eckerd.edu	727-864-8221	Vice President & Secretary of Eckerd College and Risk Manager
FDOT	Allen, Angela	angela.allen@dot.state.fl.us	813-615-8630	FPEM Emergency Operations Coordinator
FEMA - Region IV	Vigo, Gabriela	gabriela.vigo@fema.dhs.gov	229-225-4546	HMA Program Specialist, FL
Florida Emergency Management	Price, Jamie	Jamie.price@em.myflorida.com	850-413-9925 Office Cell (850) 694-6620	Lead Mitigation Planner
Florida Emergency Management	Wallick, Michael	Michael.Wallick@em.myflorida.com	850-922-0325	Mitigation Planner
FL Restaurant & Lodging Assoc.	Lynch, Dannette	dannette@frla.org	727-642-3404	Regional Director Florida Restaurant & Lodging Association
Gulfport	Taylor, Michael	mtaylor@mygulfport.us	727-893-1087	Principal Planner
Gulfport	Engel, Gerald	gengel@mygulfport.us	727-893-1020	Building Official
Hillsborough County Hazard Mitigation	Henry, Eugene	henrye@hillsboroughcounty.org	813-307-4541	CFM Manager, Hazard Mitigation Program (Floodplain Administator, LMS Coordinator, CRS Coordinator, Recovery Coordinator)
Indian Rocks Beach	Taylor, Danny	dtaylor@irbcity.com	727-517-0404	Planning and Zoning Director
Indian Shores	Dhonau, Bonnie	bdhonau@myindianshores.com	727-474-7777	Town Administrator
Indian Shores	Green, Malcom	mgreen@myindianshores.com	727-517-3940	Building Official
Indian Shores	Tidwell, Michelle	mtidwell@myindianshores.com	727-474-7785	Building Department Permit Clerk
JWB	Biddleman, Marcie	mbiddleman@jwbpinellas.org	727-453-5611	Executive Director
JWB	Waldron, Shelba	swaldron@jwbpinellas.org	727-453-5696	Program Consultant
Kenneth City	Campbell, Mathew	campbellm@kennethcityfl.org	727-498-8948	City Manager
Kenneth City	Susan L. Scrogham CMC	scroghams@kennethcityfl.org	727-498-8948	Town Clerk
Largo	Leong, Frances	Fleong@largo.com	727-587-6794 x7453	Planner
Largo	Mixson, David	dmixson@largo.com	727-587-6714	Deputy Fire Chief
Largo	Tokarz, Terry	ttokarz@largo.com	727-587-6740 Ext 2003 Office 727-430-1519 Cell	Assistant Chief - Emergency Management
Largo	Woods, Cara	cwoods@largo.com		
Largo	Waters, Stephanie	swaters@largo.com	727-587-6700 x7002	Deputy City Clerk
Maderia Beach	Rosetti, Lynn	lrosetti@madeirabeachfl.gov	727-391-9951x255	CFM Planning and Zoning Director
Maderia Beach	Chief Derryl O'Neal	doneal@medeirabeachfl.gov	(727) 391-3400 x 248	Fire Chief
Morton Plant Mease Healthcare	Clark, Carol	carol.clark@baycare.org	727-825-1753 727-820-820 (they will transfer)	Manager Safety and Security Services
North Redington Beach	Campbell, Mari	townclerk@townofnorthredingtonbeach.com	727-391-4848 727-393-0803 – Fax	Town Clerk
North Redington Beach	Lewis, Don	ceofficer@townofnorthredingtonbeach.com	727-391-4848	Code enforcement officer
North Redington Beach	Schmader, Renee	deputyclerk@townofnorthredingtonbeach.com	727-391-4848	Deputy Town Clerk
Oldsmar	Dauphinais, Marie	mdauphinais@myoldsmar.com	813-749-1122	CFM Director Planning & Redevelopment
Oldsmar	Everitt, Steven	severitt@myoldsmar.com	813-749-1147	CFM Planner

Oldsmar Fire	O'Nale, Dean	donale@myoldsmar.com	813-749-1200 Work 813-433-3402 Cell 813-891-6814 Fax	EFO Fire/EMS Chief
Palm Harbor Fire Dept.	Robert Markford	rmarkford@palmharborfd.com	727-784-0454	Deputy Chief
PARC	Nevitt, Missy	mnevitt@parc-fl.org	727-345-9111	Director of Operations, PARC
Pasco County	Doying, Annette	adoying@pascocountyfl.net	727-847-8137	Director of Emergency Management
Pinellas County Building & DRS	Doherty, Heather	hdoherty@co.pinellas.fl.us	727-464-3471	Engineering Service Tech II/CFM
Pinellas County Communications	Mary Burrell	mburrell@pinellascounty.org	727-464-5573	Public Information Specialist
Pinellas County Economic Development	Swank, Stacey	sswank@pinellascounty.org	727-464-7425	Business Development Manager – Marketing & Communications
Pinellas County Emergency Mgt.	Bishop, Sally	sbishop@co.pinellas.fl.us	727-464-3813	Director
Pinellas County Emergency Mgt.	Borries, Joe	jborries@co.pinellas.fl.us	727-464-3803	Emergency Operations Manager
Pinellas County Emergency Mgt. (Alt. Contact)	Peck, Debbie	dpeck@pinellascounty.org	727-464-3815	EM Coordinator
Pinellas County Emergency Mgt. (Primary Contact)	Becker, Gregory	gbecker@pinellascounty.org	727-464-3812	EM Coordinator
Pinellas County Env. and Infrastructure	Talhouk, David	dtalhouk@co.pinellas.fl.us	727-464-3780	Program Manager
Pinellas County Communications	Muhrlin, Jane	jmuhrlin@co.pinellas.fl.us	727-453-3602	Project Coordinator
Pinellas County Natural Resources	Harji, Rahim	rharji@pinellascounty.org	727-464-8760	CFM, ENV-SP Watershed Management Section Manager
Pinellas County Planning	Beardslee, Gordon	gbeardsl@pinellascounty.org	727-464-8226	Director
Pinellas County Planning	Renea Vincent	rvincent@pinellascounty.org	727-464-8200	Commuity Development & Planning Section Manager
Pinnellas County Planning	Chris Young	cyoung@pinellascounty.org	727-464-8200	Program Planner
Pinellas County Radio & Technology	Biem, Donna	dbiem@pinellascounty.org	727-582-2510	
Pinellas County Schools	Dluzneski, Dan	dluzneskid@pcsb.org	727-547-7205	EM Coordinator
Pinellas Park	Porter, Catherine	cporter@pinellas-park.com	727-369-5613	Associate Planner
Pinellas Park	Berkheimer, Gary	gberkheimer@pinellas-park.com	727-369-5802	Deputy Fire Chief
Pinellas Park	Boisvert, Suzanne	SBoisvert@pinellas-park.com	727-541-0805 x3906	Emergency Management Planner
Pinellas Planning Council	Crawford, Michael	mcrawford@co.pinellas.fl.us	727-464-8250	Interim Executive Director
Redington Beach	Clarke, Missy	townclerk@townofredingtonbeach.com	727-391-3875	Town Clerk
Redington Beach	Gamble, Andrea	deputyclerk@townofredingtonbeach.com	727-391-3875	Deputy Town Clerk
Redington Shores	Andrews, Steven	bldgdept@townofredingtonshores.com	727-397-5538	Building Official
Redington Shores	Palmer, Mary	townclerk@townofredingtonshores.com	727-397-5538	Town Clerk
Redington Shores	Herr, Patti	depclk@townofredingtonshores.com	727-397-5538	Administrative Clerk
Safety Harbor	Stenmark, Marcie	Mstenmark@cityofsafetyharbor.com	727-724-1555 X 1702	Community Development Director
Safety Harbor	Schoderbock, Mike	mschoderbock@cityofsafetyharbor.com	727-724-1555	Planner
Seminole	Ely, Mark	mely@myseminole.com	727-398-3108x106	Community Development Director
Seminole	Hockenbury, Jeremy	jhockenbury@myseminole.com	727-397-6383	Public Works Director
Seminole	Rodde, Mike	mrodde@myseminole.com	727-393-8711	Fire Marshall
Seminole	Dykens, Brad	bdykens@myseminole.com	727-393-8711 x210	Public Education Officer
South Pasadena	Schwartz, Neal	nschwartz@mysouthpasadena.com	727-871-9339	Building Planning Director
South Pasadena Fire	Saltsman, Dayton	firechief@ci.south-pasadena.fl.us	727-344-1666	Fire Chief
St. Anthony's Hospital	Nicely, John	john.nicely@baycare.org	727-825-1128	Director Faciilities Management Systems
St. Pete Beach	Cooper, Bruce	b.cooper@stpetebeach.org	727-363-3927	Building Code Administrator
St. Pete Beach	Welden, Chelsey	cwelden@Stpetebeach.org	727-363-9266	Urban Planner
St. Petersburg Emergency Mgt.	Ballou, Bob	robert.ballou@stpete.org	727-893-7683	Division Chief, FPEM
St. Petersburg Construction & Permitting	Taylor, Noah	noah.taylor@stpete.org	727-893-7283	Community Rating System Coordinator
Sunstar	Eells, Brian	beells@sunstarems.com	727-582-2216	Director of Communications and Emergency Management
SWFWMD	Lloyd Roberts	Lloyd.Roberts@swfwmd.state.fl.us	352-796-7211 x4545	Senior P.E., Emergency Coordinating Officer
Tarpon Springs	Butcher, Rick	rbutcher@tsfr.us	727-938-3737 Office 727-423-0912 Cell 727-934-0598 FAX	Fire Chief
Tarpon Springs	Robertson, Bob	rrobertson@ctsfl.us	727-942-5610	Bob Robertson, P.E. Public Services Program Manager
Tarpon Springs	Russo, Vicki	vrusso@tsfl.us	727-942-5617	Building Development Supervisor
Tarpon Springs	Mastracchio, Anthony	amastracchio@ctsfl.us		Building Official
Tarpon Springs	Orton, Michelle	morton@ctsfl.us		Principal Planner
Tarpon Springs Housing Authority	Amon, Deb	deb.amon@tarponhousing.com	727-937- 4411 727- 279-2814 FAX	Director of Operations
TBRPC	Smith, Brady	brady@tbrpc.org	727-570-5151 x42	Principal Planner
Treasure Island	Cohen, Paula	pcohen@mytreasureisland.org	727-547-4575 x239	Community Improvement Director
Treasure Island	Lampin, Timothy	tlampkin@mytreasureisland.org	727-547-4575	Planner
UF/IFAS Extension	Madhosingh-Hector, Ramor	rmadhosingh-hector@co.pinellas.fl.us	727-582-2656	UF/IFAS Extension Agent, Urban Sustainability
UF/IFAS Extension	Carnahan, Libby	lcarnahan@co.pinellas.fl.us	727-453-6522	Florida Sea Grant Agent

Pinellas County Local Mitigation Strategy

New Projects, 2016

Projects to be deleted

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.
1710	Treasure Island	Citywide Seawall Assessment and Repair for Locations NOT listed as a separate project (street ends, etc)	Seawall repair/replacement. Estimated completion time: more than 12 months. / 4	$630,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG
1350	Largo/Fire Rescue	Fire Station Hardening Program	All City of Largo fire stations (38, 39, 40, 41, & 42) are in need of apparatus bay doors which have been designed to withstand hurricane force winds. At this time, no fire station in the city is provided with complete and adequate protection. Such retrofitting will assist with insuring personnel safety and immediate emergency response following a hurricane event. These stations are part of the fire department automatic aid program within the county. This project is not part of the approved CIP. /4	$216,000	>FY16 (Unfunded)	
1350	Largo/Fire Rescue	Radio Upgrades	The project will upgrade the fire department's communication system to the national interoperability standard and will enable outside agencies to access the city's system in the event of an emergency. This equipment is essential to response and recovery efforts during a man-made and/or natural disaster. These radios are on fire apparatus which are part of the fire department automatic aid program within the county. This project is part of the approved CIP. /4	$230,000	FY13	General (Local) fund and County
1340	PC Public Works	Joes Creek Watershed Management Plan	Evaulate drainage patterns withing Joes Creek watershed; identify flooding locations; develop BMPs to address the issues	$500,000	FY2014 - FY2016	Surface Water Assessment and SWFWMD Grant

Appendix 9 Mitigation Initiatives

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1320	Safety Harbor	Baytowne West Lift Station	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$60,000	FY20/21	unfunded
1320	Safety Harbor	Highlands Lift Station	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$60,000	FY18/19	Local
1320	Safety Harbor	North Bayshore Lift Station	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$60,000	FY18/19	Local
1320	Safety Harbor	Amber Glades Lift Station Repair	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$120,000	FY 15/16	Local
1320	St. Petersburg/ Public Works	EOC	Design construct and equip a municipal Emergency Operations Center Facility/4	$3,500,000	Currently Unfunded	Penney for Pinellas/Local
1320	St. Petersburg/ Public Works	EOC	Design construct and equip a municipal Emergency Operations Center Facility/4	$3,500,000	Currently Unfunded	Penney for Pinellas/Local
1290	Largo/Fire Rescue	Fire Station 42 Replacement Program	Within the next five years, station 42 will need to be rebuilt as it is approaching the end of its useful life. In addition, the building does not meet current NFPA life safety standards or the latest hurricane design features. This station is part of the fire department automatic aid program within the county. This project is part of the approved CIP, however, the time frame has been updated. /4	$5,000,000	<FY16 (Unfunded)	Local Option Sales Tax (LOST)
1290	Largo/Fire Rescue	Fire Station 38 Replacement Program	Within the next fifteen years, station 38 will need to be rebuilt as it is approaching the end of its useful life. In addition, the building does not meet current NFPA life safety standards or the latest hurricane design features. This station is part of the fire department automatic aid program within the county. This project is part of the approved CIP. /4	$5,000,000	>FY16 (Unfunded)	LOST

Appendix 9 Mitigation Initiatives

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1290	Treasure Island	Stormwater Interceptor project in Sunset Beach and rehabilitiation of underdrain system at lots 2 and 3 and nearby areas/ 4	At lots 2 and 3 and nearby areas	$2,780,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; SWFWMD Cooperative Funding, Nonpoint Source Implementation Grants
1270	Safety Harbor	Cypress Hallow Lift Station Repair	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$60,000	FY18/19	Local
1270	Safety Harbor	Harbor Woods Lift Station Repair	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$75,000	FY19/20	Local
1270	Treasure Island	Replacement of City Hall and seawall rehabilitation	Harden critical municipal facilities - Admin, Fire, Police Estimated completion time: more than 12 months. / 2	$8,000,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG; FMAP
1255	PC Planning and Development Review Services	Sea Level Rise Vulnerability Assessment	Pinellas County Sea Level Rise Vulnerability Assessment and Adaptation Strategies / 3	$350,000	FY 2016	TBD
1250	Indian Rocks Beach / Public Services	Stormwater Drainage	Reconstruction of small basin stormwater collection and discharge facilities as required by NPDES. All city facilities should be updated by 2017, the end of a 15 year effort and thereby in compliance with NPDES regulations. /4	$394,000	18 to 24 months/ Currently Unfunded	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

Appendix 9 Mitigation Initiatives

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1250	Largo/Police Dept.	Dispatch Center Upgrades	The project will upgrade the Largo Police Department's communication system to the national interoperability standard and will enable outside agencies to access the city's system in the event of an emergency. This communication's center is utilized during a man-made and/or natural disaster. This project is part of the approved CIP. /4	$239,000	FY12-FY16	General Fund (Local
1250	Safety Harbor **(Completed)**	Hardening FS#52	Install impact-resistant windows, door, and garage doors at FS#52. /2	$110,000	Underway	Federal, State, Local
1250	Safety Harbor **(Completed)**	Hardening Safety Harbor EOC	Install impact-resistant windows, and door at FS#53 EOC. /2	$15,000	Underway	Federal, State, Local
1240	Safety Harbor	South Bayshore Lift Station and Generator	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$125,000	FY15/16	Local
1230	Pinellas Park	Garnett & North Disston Subdivisions - 40 acre +/- tract situated between 82nd Ave, 86th Ave & 46th St , 49th St	Install a stormwater collection and conveyance system in a subdivision originally develped in the 1960's and 70's. This would eliminate issues of localized flooding and dangerous stormwater inlets. /1	$4,028,386	Funded	Funding for the current phase is from a combination of funding sources including SWFWMD, FDOT & local coffers.
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

Appendix 9 Mitigation Initiatives

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1190	Indian Rocks Beach	Dune Walkovers	Existing /old walkovers hinder growth of vegetation and hinder proper dune protection. Project will transition from step to low profile walkovers to elevated walkovers that will promote growth of vegetation into mature dunes. The locations are the 6th Ave., 17th Ave., and 22nd Ave Dune Walkover Projects. 3	$114,000	Currently Unfunded	FDEP; Pinellas County Coastal Management; Penny for Pinellas
1190	St. Petersburg/ Public Works	Snell Isle & Raphael Blvd NE Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$3,400,000	FY15 - FY18	Penney for Pinellas/Local
1190	St. Petersburg/ Public Works	94th Ave. at Tinney Creek Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$1,500,000	FY14 - FY18	Penney for Pinellas/Local
1190	St. Petersburg/ Public Works	Snell Isle & Raphael Blvd NE Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$3,400,000	FY15 - FY18	Penney for Pinellas/Local
1190	St. Petersburg/ Public Works	94th Ave. at Tinney Creek Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$1,500,000	FY14 - FY18	Penney for Pinellas/Local
1180	Safety Harbor	City Hall Window Replacement	Replace City Hall windows with wind resistent / impact resistent product. /2	$150,000	FY16/17	Local
1180	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	$60K	Currently Unfunded	CDBG, HUD
1170	Indian Rocks Beach / Public Services	Stormwater Reconstruction	Implementation of Best management Practices in the 6th Ave Drainage Basin. /4	$160,000	Currently Unfunded	Local Option Sales Tax Fund Capital Project; Capitalization grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants

Appendix 9 Mitigation Initiatives

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1170	Largo	LMC Roof Replacement and Hardening	In response to a facility study, the City of Largo needs to replace its existing roof systems on both the city hall and police station as well as provide structural hardening of both facilities for hurricane-survivability. This project is part of the approved CIP. /4	$5,700,000	FY12/13	General (Local) fund and LOST
1170	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
1160	Clearwater / Stormwater	Hillcrest Avenue Bypass Culvert	1. Installation of 2000 LF of 6.5' X 11' box culvert. Model results provide flood relief for 47 homes adjacent to creek.	$4,000,000	Currently in design but construction is unfunded	CITY OF CLEARWATER CIP/ STROMWATER UTILITY FUND
1160	Largo/Public Works - Streets & Drainage	Road Clearing Equipment	In the event of a hurricane or other disaster where the city is required to clear major streets, the city's current equipment is insufficient. The City of Largo is requesting multiple plow attachments that can be deployed in the event of a disaster. This project is part of the approved CIP. /4	$80,000	FY13	General Fund (Local
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
1160	PC EMS/Fire Adm.	Roofing ComCen and Radio Room	Replace roof on comms center and adjoining radio room. Estimated completion time: more than 12 months. / 4	$150,000	Currently Unfunded	TBD
1155	Gulfport	Hardening of Critical Facilities	Install window protection devices and storm-resistant exterior doors in the City's lift stations. Estimated completion time; less than 12 months. / 2	$7,000	Currently Unfunded	EMPATF, HMGP; PDM Program; Municipal Funding
1155	PC EMS/Fire Adm.	A/C Radio Room	Replace A/C for radio & server rooms. Estimated completion time: more than 12 months. / 4	$300,000	Currently unfunded	
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

Appendix 9 Mitigation Initiatives

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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
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
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
1150	PC Public Works	Span Wire Intersection Replacement Program	Replacement of 24 existing span wire intersectons with mast arms. Intersections are along major evacuation routhes throughout Pinellas County. Approx $240k per intersection. Estimated completion time: more than 12 months. / 4	$5.8 million	Unfunded	Seeking Pre-Disaster Mitigation Program grant funds
1150	Pinellas Park /Public Worlks	Sorm Hardening Preparedness Study	Consultant study to evaluate hardening structures for Public Works equipment protection / 4	$25,000	12 Months / FY2015-2016	Infrastructure Sales Tax
1130	Gulfport	Fire Station/ EOC Generator	Replace aging generator for the Fire Station/EOC. Estimated completion time: less than 12 months. / 4	$50,000	Currently Unfunded	EMPATF
1130	PC Public Works	Stormwater Conveyance System Improvement Program (921321)	Replace/reline inadequate or deteriorating stormwater conveyance systems county wide. Estimated completion time: more than 12 months. / 1	$34,225,000	FY2015 - FY2024 In Progress	Penny for Pinellas
1130	St. Petersburg/ Public Works	4th St & 14th Ave N to Cresent Lake Storm Drainage Improvements	Design and construct larger conveyance piping to reduce street flooding 1 & 3	$1,900,000	FY 15 - 19	Penney for Pinellas/Local
1130	St. Petersburg/ Public Works	4th St & 14th Ave N to Cresent Lake Storm Drainage Improvements	Design and construct larger conveyance piping to reduce street flooding	$1,900,000	FY 15 - 19	Penney for Pinellas/Local

Appendix 9 Mitigation Initiatives

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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
1120	PC Public Works	Cross Bayou Improvements	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	$6,770,000	FY2014 - FY2019	Penny for Pinellas
1110	Redington Shores / Emergency Management	Electric Roll-Up Impact Shutters 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.	$50,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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
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
1090	PC Public Works	118th Avenue Expressway (1618)	Build east-west evacuation route parallel to Ulmerton Rd. Estimated completion time: more than 12 months. / 4	$37,926,500	FY2012 - FY2017	Penny for Pinellas
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
1070	Pinellas Park /Public Worlks	Northfield Manor Subdivision Drainage Improvements	Improve drainage in a 30 acre area: 102nd Avenue from 60th Street to 62nd Street / 1	$4,125,000	36 to 48 months Design FY 2016-2017 Construction FY2017-2018 and 2018-2019	Infrastructure Sales Tax

Appendix 9 Mitigation Initiatives

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1070	Treasure Island	Emergency Generator	Mobile emergency generator to be used at lift stations during a power outage/ 4	$56,000	18 to 24 months/ Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds: CDBG;FMAP;HMGP Nonpoint Source Implementation Grants; HMGP Planning
1060	Lealman SFCD / Emergency Management	Fire Station #18 EOC Hardening	Harden by installing rolldown shutters, 5 double doors, 3 single doors and 16 windows. Estimated completion time: more than 12 months. / 2	$36,500	Currently Unfunded	
1060	Pinellas Park/ Public Works	72nd Ave. Channel Culverting	Install a stormwater culvert at the headwaters of Pinellas Park Water Mgt. District Channel 3A to eliminate localized flooding. Additionally, this improvement would remove a hazard which when over t's banks can totally submerge a car and eliminate the opportunity for people and children to be caught up in moving waters. /1	$5,500,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program
1050	Clearwater / Stormwater	Salls Lake Park Stormwater Improvements	1 (Stormwater improvements)	$300,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
1050	Indian Rocks Beach / Building Dept.	Flood Mitigation Buyout	Provide a grant of up to $15,000 per structure for the removal of noncompliant pre-FIRM structures. / 1	$150,000	Currently Unfunded	FMAP; HMGP; PDM Program
1050	Pinellas Park/ Public Works	Jan Cory Subdivision Drainage	Install a stormwater collection and conveyance system in a subdivision originally develped in the County In the 1960's and 70's. This would eliminate issues of localized flooding and dangerous stormwater inlets. /1	$3,365,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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1050	Redington Shores / Emergency Management	Flood proofing, Tie - Down 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
1050	Safety Harbor **(Completed)**	PW Dewatering Pump	Double Diaphragm Pump used to well point and pump down ponds and flooded areas. /1	$18,000	FY14/15	Local
1045	Clearwater / Stormwater	East Gateway Stormwater Improvements	1 (Stormwater improvements)	$2M	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
1040	Clearwater / Engineering	Fire Station Retrofit	Harden mainland fire stations. Estimated completion time: more than 12 months. / 2	$200,000	Currently Unfunded	EMPATF, HMGP; PDM Program
1040	Tarpon Springs Housing Authority	Landscape Restroration	Trimming of Palm, Planting of Sod & Shrubs, Repair of Erosion and Control of Runoff	$52K	Currently Unfunded	CDBG, HUD
1040	Tarpon Springs Housing Authority	Door & Window Upgrades	Door & Window Replacements to meet current wind codes & to improve energy efficiency.	$90K	Currently Unfunded	CDBG, HUD
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
1030	Gulfport	Land Acquisition	Public purchase of properties that are floodprone 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
1030	Indian Rocks Beach / Public Services	Liftstatio Rehabilitiation	The City Indian Rocks Beach rehabilitates critical facility Lift Stations on a 10 year cycle for increased resiliency against flood waters and wind. All pumps, stands, discharge risers, valves, and slide rails are replaced /1	$179,000	Currently Unfunded	Local, SWFWMD Grant, EMPATF, HMGP, PDM Program,Capitalization Grants for Clean Water State Revolving Funds, CDBG, Non Point Source Implementation funds
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

Appendix 9 Mitigation Initiatives

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1030	Safety Harbor	Lower Mullet Creek Project	Design of the Lower Mullet Creek project. Water Quality and Flooding. /1,3,4	$300,000	12-18 months	unfunded
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
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
1025	Clearwater / Stormwater	Byram Ditch Bank Stabilization	3. Stabilization of approximately 1500LF of creek bank to protect against erosion.	$300,000	Currently in design but construction is unfunded	CITY OF CLEARWATER CIP/ STROMWATER UTILITY FUND
1020	Clearwater / Stormwater	Virginia Groves/Moccasin Lake Stormwater Improvements	1 (Stormwater improvements)	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
1020	PC Public Works	Roosevelt Channel 5 improvements	Various BMPs from the 1981 Watershed Master Plans, Removal of salinity barrier	$3,500,000	FY2015 - FY2019 In Progress	Penny for Pinellas
1020	PC Public Works	Pinellas County Stormwater Facilities (Countywide)	1,2,3	$1,170,000	FY2016-2018	Penny for Pinellas
1020	PC Public Works	McKay Creek Drainage/Hickory	1,2,3	$1,000,000	FY2015-2017	Penny for Pinellas/FDOT

Appendix 9 Mitigation Initiatives

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1020	Pinellas Park/ Public Works	Fairlawn Subdivision Drainage	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	$1,500,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program
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
1010	Clearwater / Stormwater	Druid Road Stormwater Improvements	1. Upgrade the existing sub-standard system within a 100 acre urban drainage basin.	$4,000,000	Currently in design but construction is unfunded	CITY OF CLEARWATER CIP/ STORMWATER UTILITY FUND
1010	Maderia Beach	850 Bay Point Dr	Mitigation of SRL Property 850 Bay Point Drive	$200,000	Unfunded	HMGP & Private
1010	Maderia Beach	822 Bay Point Dr	Mitigation of SRL Property 822 Bay Point Drive	$200,000	Unfunded	HMGP & Private
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.
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
1000	St. Petersburg/ Public Works	8th Ave. S. & 44th St. S. Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$4,500,000	FY15 - FY18	Penney for Pinellas/Local
1000	St. Petersburg/ Public Works	8th Ave. S. & 44th St. S. Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$4,500,000	FY15 - FY18	Penney for Pinellas/Local
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 mitgiation. Estimated completion time; More than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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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
995	Bayfront Medical Center / St. Petersburg	Life Services Building Window, Door & Wall Hardening	The Life Services Building needs windows, doors and walls hardenned for ptoection against high wind veloctiy and severe weather events. Estmated completion time; more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program
995	Gulfport	Thermal Imaging Camera	Purchase thermal imaging camera for post-storm search and rescue and hazard abatement. Estimated completion time: less than 12 months. / 4	$20,000	Currently Unfunded	EMPATF
995	Oldsmar / Public Works; Facilities	Harden/Retrofit City Hall	Replace windows at city hall. Estimated completion time: less than 12 months. / 2	$150,000	Currently Unfunded	FMAP; HMGP; PDMP
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
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
990	Indian Rocks Beach / Public Services	Small Generators	Purchase of 3 generators for emergency power. Estimated completion time: less than 12 months. / 4	$87,000	Currently Unfunded	
980	Bayfront Medical Center / St. Petersburg	Family Health Center Structural Hardeninig	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
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 veloctiy events. / 2	$3,070,827	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program
980	Belleair / 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
980	Clearwater / Engineering	Municipal EOC	Construct an emergency operations center at 1700 N. Belcher Rd. Estimated completion time: more than 12 months. / 4	$1,000,000	Currently Unfunded	EMPATF, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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980	Lealman SFCD / Emergency Management	Fire Station #19 Secondary EOC Hardening	Harden by adding rolldown shutters, 4 single doors and 5 windows. Estimated completion time: more than 12 months. / 2	$12,700	Currently Unfunded	
980	Pinellas Park/ Public Works	Relocation or Construction of FS 34	Fire Station #34 at it's present location can not 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	Currently Unfunded	EMPATF, HMGP; PDM Program; & local funds
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
970	Clearwater / Stormwater	Elizabeth Pond Stormwater Improvements	1 (Stormwater improvements)	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
970	Clearwater / Stormwater	Clearwater Beach Ponds Stormwater Improvements	1 (Stormwater improvements)	$250,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
970	Dunedin / Public Works	City Hall Shutters	Install hurricane shutters on City Hall (542 Main Street). Estimated completion time: less than 12 months. / 2	$7,000	Currently Unfunded	EMPATF, HMGP; PDM Program
970	Dunedin / Public Works	Lift Station Elevation & Retrofit	Harden & upgrade 12 lift stations for waste water. Estimated completion time: more than 12 months. / 1	$300,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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
970	Indian Rocks Beach / Public Services	Small Basin Reconstruction	Rebuild small basin area to provide proper drainage and improve pedestrian and transportation safety. Estimated completion time: less than 12 months. / 1	$375,000	Currently Unfunded	Penny for Pinellas
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

Appendix 9 Mitigation Initiatives

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970	PC Emergency Commun.	Public Safety Radio & Data System (722)	Upgrade and enhancement of radio system and facilities. Conversion to Smart Zone technology and complete performance capabilities specified by the Police Standards Council' Tech. Adv. Group. /4	$17,500,000	FY2012 - FY2017	Pinellas for Pinellas; Moving Violation Fees
970	Pinellas Park / Public Works	Structure Hardening - Forbes Recreation Center	Harden the recreation center to be used for sheltering and operations during and after a storm event. Estimated completion time: more than 12 months. / 2	$775,000	Currently Unfunded	EMPATF, HMGP; PDM Program; & local funds
970	Pinellas Park/ Police & Fire Administration	PD & FD Headquarters Consolidation	To develop at one location a facility to house the Police & fire Administrations as well as provide for a central first responders EOC that will also serve as the secondary EOC for the City. The structure will be built to withstand natural threats, allow for a centralized communication facility, and reduce the cost and increase the efficiency of coordination between these entities. Existing facilites exhibit varing degrees of vulnerability to hurricanes and storm surge. The proposed area in which this facility would be located is currently under served and holds great potential for a serious event. /4	$12,580,000	Currently Unfunded	EMPATF, HMGP; PDM Program; & local funds
970	Redington Beach / Public Works	Repair intracoastal causeway seawalls	Repair and maintenance of intracoastal sea walls. Estimated completion time: more than 24 months. / 3	$175,000	Town Reserves	Town reserves
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;
970	Treasure Island	KingfishPark Seawall Rehabilitation	Repair/replace seawall : Estimated completion time: less than 12 months. / 3	$45,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG
960	Clearwater / General Services	Install Communications at Fire Training 48	Install radio tower at the new fire training building, install wireless comms, install backup radio communications. Estimated completion time: more than 12 months. / 4	$200,000	Currently unfunded	EMPATF, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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960	Clearwater / Stormwater	Channel E/Forest Wood Estates Stormwater Improvements	1 (Stormwater improvements)	$1,500,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
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	Funding by SWFWMD Grant and Town C.I.P. 2008-2009.	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning
960	St. Petersburg/ Public Works	MLK Street N. & Gateway Mall Stormwater Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$7,300,000	FY10 - FY16	Penney for Pinellas/Local
960	St. Petersburg/ Public Works	MLK Street N. & Gateway Mall Stormwater Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$7,300,000	FY10 - FY16	Penney for Pinellas/Local
950	Clearwater / Stormwater	Channel G Flood Detention Area	1 (Stormwater improvements)	$20,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
950	Clearwater / Stormwater	Mango Avenue Stormwater Improvements (Bypass Culvert)	1. Upgrade the existing sub-standard system within a 24 acre suburban drainage basin.	$2,000,000	Currently in design but construction is unfunded	CITY OF CLEARWATER CIP/ STROMWATER UTILITY FUND
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
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	

Appendix 9 Mitigation Initiatives

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950	PC EMS/Fire Adm.	Hardening of Sunstar Communications Center	Harden north wall of communication center and enclose south alleyway. Estimated completion time: more than 12 months. / 2	$310,000	Currently Unfunded	TBD
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
945	Pinellas Park/ Public Works	Link 68th Street and Canal Street	Link 68th Street and Canal Street by installing a bridging system and connecting road approaches. This connection will afford secondary access and escape to two areas. The first being the western estension of 102nd Avenue which is the neighborhood of Cross Bayou Elementary School, Hospice of Pinellas Park, an ALF and a MHP. The other area is aindustrial subdivision which is currently only accessible from Bryan Dairy Road. This connection will provide a secondary point for fire and emergency vehicle access. /4	$750,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program
945	St. Petersburg / Water Resources Dept	Retrofit of Northwest Water Reclamation Facility	Harden exterior walls; provide proper deck attachment and beam ties to foundation; hurricane shutters; new roofing; add pilasters to screen block at carport; additional wall reinforcement. Estimated completion time: more than 12 months. / 2	$70,000	Currently Unfunded	HMGP and Local
945	St. Petersburg / Water Resources Dept	Retrofit of Northwest Water Reclamation Facility	Harden exterior walls; provide proper deck attachment and beam ties to foundation; hurricane shutters; new roofing; add pilasters to screen block at carport; additional wall reinforcement. Estimated completion time: more than 12 months. / 2	$70,000	Currently Unfunded	HMGP and Local
940	Clearwater / Stormwater	Channel C Treatment Pond Conversion (water quality)	1 (Stormwater improvements)	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund

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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
940	Indian Rocks Beach / Planning & Zoning Dept.	Beach Management Plan Implementation	Establish a dune and erosion control system using native vegetation. Estimated completion time: more than 12 months. / 3	$150,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning
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	Curently Unfunded	FMAP; HMGP; PDM Program
940	Pinellas Park / Public Works	Hardening - Public Works / Technical Services Building	Harden the Public Works/Technical Services Building for sheltering and operations. Estimated completion time: more than 12 months. / 2	$950,000	Currently Unfunded	HMGP, EMPATF, and local funds (ie Penny for Pinellas)
940	Tampa Bay Regional Planning Council / Pinellas County	Post-Storm Evaluation of the Regional Evacuation Study	Evaluate the evacuation study to identify any descrepancies 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
940	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

Appendix 9 Mitigation Initiatives

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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
930	Clearwater / Stormwater	Alligator Creek Channel Improvements	1 (Stormwater improvements)	$2,500,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
930	Clearwater / Stormwater	Channel H Stabilization	1, 3	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
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	
930	PC Public Works	Sun Seair MHP	Reduce flooding at the Sun Seair MHP through conveyance improvements and construction of a wet detention pond. Estimated completion time: more than 12 months	$1,075,000	FY2015 - FY2018 In Progress	Penny for Pinellas
930	St. Petersburg / Stormwater, Pavements and Traffic Operations Dept	Backflow Prevention Stormwater Vaults	Project design, permitting and construction of flood protection vaults for City repetitive loss neighborhood. 47 vaults are planned for installation. / 1	$2,855,000	FY16- FY18	PDM Program
930	St. Petersburg / Stormwater, Pavements and Traffic Operations Dept	Backflow Prevention Stormwater Vaults	Project design, permitting and construction of flood protection vaults for City repetitive loss neighborhood. 47 vaults are planned for installation. / 1	$2,855,000	FY16- FY18	PDM Program
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	Currently Unfunded– funded through Gulf Blvd. Beautification Project	EMPATF, HMGP; PDM Program Penny for Pinellas

Appendix 9 Mitigation Initiatives

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920	Dunedin / Public Works	Library Retrofit	Install hurricane shutters on Library Facility (223 Douglas). Estimated completion time: more than 12 months. / 2	$95,000	Currently funded with HMGP	EMPATF, HMGP; PDM Program
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	$4,000,000	Currently Unfunded	
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	$180,000	FY2012 - FY2017	Grant; Local funds; SWFWMD
920	PC Public Works	ATMS/ITS Countywide System Program (1501)	Construct County advanced traffic management system/intelligent transportation system for traffic control. Estimated completion time: more than 12 months. / 4	$4,250,000	FY2014 - FY2024	Penny for Pinellas/Local Option Gas Tax
920	Pinellas Park / Public Works	Hardening - Fire Station 35	Harden the station by stiffening the trusses and strapping them to the foundation, replacing garage doors, adding shutters, and replacing the roof. Estimated completion time: more than 12 months. / 2	$800,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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
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
910	Belleair Beach / Public Works	Stormwater Management	Stormwater repairs, improvements, and replacing curbwork. Replace valley curbs Estimated completion time: more than 12 months. / 1	$55,000	Currently Underway	Local Funds and SWFWMD Cooperative Funding Grant
910	Clearwater / Public Services	Hardened Public Works Crew Room	Provide shutters and door coverings; install generator for power backup. Estimated completion time: more than 12 months. / 2	$80,000	Currently unfunded	EMPATF, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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910	Clearwater / Stormwater	Channel C Conveyance Improvements	1 (Stormwater improvements)	$25,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
910	Kenneth City	Retrofit of Critical Facility	Install storm shutters on police department and city hall. Estimated completion time: more than 12 months. / 2	$46,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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
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
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 resistent. 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 (ie Penny for Pinellas)
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

Appendix 9 Mitigation Initiatives

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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
900	Largo	Public Works EOC Retrofit	Harden public works administration building. Estimated completion time: more than 12 months. / 2	$89,151	In process of work to begin, bidding on the job has been completed.	EMPATF, HMGP; PDM Program
900	Largo	Acquisition of Repetitive Loss Properties	Acquire repetitive loss properties along McKay and Allen's Creek. Estimated completion time: more than 12 months. / 1	$300,000	Ongoing, the city currently has 7 repetitive loss properties left.	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants
900	Largo	Critical Facilities Retrofit and Generators	Harden the Largo city hall, police, and EOC buildings. Estimated completion time: more than 12 months. / 2	$321,285	Currently Unfunded	EMPATF, HMGP; PDM Program
900	North Redington Beach / Public Works	Mobile Generators for Lift Stations	Procure 2 portable generators for secondary lift stations. Estimated completion time: less than 12 months. / 4	$15,000	Currently Unfunded	FMAP; HMGP; PDM Program
890	Madeira Beach	Critical Facilities Retrofit and Generators	Upgrade to secondary EOC. Estimated completion time: more than 12 months. / 4	$15,000	Currently Unfunded	FMAP; HMGP; PDM Program
890	Madeira Beach	Critical Facilities Retrofit and Generators	Harden city hall with emergency storm shutters. Estimated completion time: more than 12 months. / 2	$25,000	Currently Unfunded	EMPATF, HMGP; PDM Program
890	Madeira Beach	Stormwater Management	Install 20 flap valves to reduce tidal backup in storm drains. Estimated completion time: less than 12 months. / 1	$150,000	Currently Unfunded	FMAP; HMGP; PDM Program
890	Madeira Beach	Flood and Wind Retrofit of City Hall/ Public Works	Flood-proof existing city hall complex and harden the building. Estimated completion time: more than 12 months. / 1	$300,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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

Appendix 9 Mitigation Initiatives

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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
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)
890	St. Petersburg / Water Resources Dept.	Retrofit of Cosme WTP	Provide shear resisting structural augmentation; replace roof; hurricane shutters. Estimated completion time: more than 12 months. / 2	$89,500	Currently Unfunded	HMGP and Local
890	St. Petersburg / Water Resources Dept.	Retrofit of Cosme WTP	Provide shear resisting structural augmentation; replace roof; hurricane shutters. Estimated completion time: more than 12 months. / 2	$89,500	Currently Unfunded	HMGP and Local
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	18 to 24 months/ Currently Unfunded	CDBG; HMGP; HMGP Planning
885	St. Petersburg / Water Resources Dept.	Retrofit of Gulf-to-Bay Pump Station	Provide structural steel strut reinforcing of exterior walls; additional connections of roof planks; hurricane shutters. Estimated completion time: more than 12 months. / 2	$35,000	Currently Unfunded	EMPATF, HMGP; PDM Program
885	St. Petersburg / Water Resources Dept.	Retrofit of Gulf-to-Bay Pump Station	Provide structural steel strut reinforcing of exterior walls; additional connections of roof planks; hurricane shutters. Estimated completion time: more than 12 months. / 2	$35,000	Currently Unfunded	EMPATF, HMGP; PDM Program
880	Clearwater / Stormwater	Hercules Industrial Park Water Quality Improvements	1 (Stormwater improvements)	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
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

Appendix 9 Mitigation Initiatives

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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.
870	Indian Rocks Beach / Public Services	Gulf Blvd Utility Undergrounding	To make aesthetic and safety improvements to 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 att he southern boundary of the City (Whitehurst) and continue north through the Gulf Blvd/Walsingham Rd intersection to at least 6th Ave. project construction dsign is scheduled for 2016, undergrounding construction in 2017 and surface restoration in 2018. /4	$750,000	12 to 18 months	CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; PDM Program; EMPATF
870	PC Public Works	Drainage Pond Compliance Program (1629)	Improve existing ponds for permit compliance. Estimated completion time: more than 12 months. / 1	$4,421,500	FY2017-FY2025 In Progress	Penny for Pinellas
870	PC Public Works	Bee Branch Drainage Improvements (922333)	Bank stabilization, erosion control,and drainage structure replacement. Estimated completion time: more than 12 months. / 3	$6,570,900	FY2012 - FY2017 Phase 2 complete, phase1 in progress	Penny for Pinellas; SWFWMD
870	PC Public Works	Curlew Creek Channel A Improvements (1124)	Channel improvements & retention project (Joint project with City of Dunedin). Estimated completion time: more than 12 months. / 3	$7,115,800	FY2012 - FY2014 80% completed	Penny for Pinellas; SWFWMD
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
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

Appendix 9 Mitigation Initiatives

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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 2016 and 2018. / 3	$771,108	Currently Unfunded	Special Revenue Fund – Penny for Pinellas; City of Indian Rocks Beach Capital Improvement Plan; Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants
860	Lealman SFCD / Emergency Management	Fleet Building Hardening	Harden with rolldown shutters, 2 single doors and 1 window. Estimated completion time: less than 12 months. / 2	$3,900	Currently unfunded	
860	PC Public Works	Antilles/Oakhurst Drainage Improvements (1820)	Improvements to alleviate street flooding. Estimated completion time: more than 12 months. / 1	$2,214,900	FY2012 - FY 2016 In Progress (Construction 2016)	Penny for Pinellas
860	PC Public Works	Pinellas Trail - 54th Ave. Drainage Improvements (1823)	Alleviate flooding on 54th Ave. N, Pinellas Trail, and 97th Way. Estimated completion time: more than 12 months. / 1	$2,050,000	FY2015 - FY2018 In Progress	Penny for Pinellas
860	PC Public Works	Traffic Signal Mast Arms	Replacement of strain poles with mast arms at key intersections within unincorporated areas. Estimated completion time: more than 12 months. /2	$1,300,000	Unfunded	Seeking Pre-Disaster Mitigation Program grant funds
860	PC Public Works	Drainage Channel Dredging Program (654)	Remove silt and obstructions which impede proper flow of water through drainage channels. Estimated completion time: more than 12 months. / 1	$350,000	Remove	Penny for Pinellas
850	Clearwater / Engineering	Install crew and warehouse facility at Public Works	Purchase 3,000 sf recovery crew facility and warehouse. Estimated completion time: more than 12 months. / 4	$1,000,000	Currently unfunded	EMPATF, HMGP; PDM Program
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

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.
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
845	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
845	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
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
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
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	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program
830	Indian Rocks Beach / Planning & Zoning Dept.	Beach Management Plan	Write a plan for a dune system, vegetation program, breakwaters, jetties, groins, etc. to prevent erosion. Estimated completion time: less than 12 months. / 3	$20,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants HMGP Planning;
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
830	PC Public Works	Cross Bayou Channel 2 - Rena Dr. (1821)	Improve Cross Bayou Channel 2 from 66th St. to Pinecrest Subdivision. Estimated completion time: more than 12 months. / 1	$1,250,000	FY2015-FY2017 In Progress	Penny for Pinellas

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.
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
820	Largo/Envir. Services - Administration	Warehouse	Initiative: Warehouse (Environmental Services / Collections). Description: The WWRF currently has a warehouse with inadequate capacity for the storage of critical backup equipment and spare parts. This project consists of constructing a warehouse with adequate capacity and centralized record keeping and demolishing the existing PSTA building. This will insure that equipment and materials are properly inventoried, managed, and at the ready during a man-made and/or natural disaster. This project is part of the approved CIP. /4	$3,500,000	FY2016/17	Wastewater (Local)
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
815	Redington Beach / Public Works	Flood mitigation of town streets and roads	Milling and resurfacing of town (approx. 7 miles) roads and streets. No estimate completion time. / 4	$2,000,000	Currently unfunded.	Town reserves
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
780	Pinellas Park / Public Works	Municipal EOC	Design, engineer, construct and equip an Emergency Operations and Command Center. Estimated completion time: more than 12 months. / 4	$15,000,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program.

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.
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
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
780	St. Pete Beach	Response/ Recovery Equipment	Procure vehicle lift, high lift jacks, air compressor and related tools for tire repair. Estimated completion time: more than 12 months. / 4	$20,000	Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program
775	St. Pete Beach	Fire Station Retrofit	Install storm shutters on the fire department building. Estimated completion time: less than 12 months. / 2	$35,000	Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program
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	$2,382,100	FY2012 - FY2017	Grant; Local funds; SWFWMD
0	St. Pete Beach	GIS/ Computer Hardware and Software Enhancement	Develop work order system w/GIS enhancements. Estimated completion time: less than 12 months. / 4	$35,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants
0	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
0	St. Pete Beach	SCADA System / Lift Stations	Purchase a SCADA system for 17 wastewater pump/lift stations. Estimated completion time: more than 12 months. / 1	$90,000	Currently Unfunded	EMPATF, HMGP; PDM Program
0	St. Pete Beach	Generators for Lift Stations	Procure emergency generators and electrical equipment for lift stations #2 and #3. Estimated completion time: less than 12 months. / 1	$100,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning

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.
0	St. Pete Beach	Stormwater Management	City-wide drainage repairs and upgrades. Drainage upgrades (pipes, grading inlets and outfalls). Estimated completion time: more than 12 months. / 1	$125,000	Currently Unfunded	FMAP; HMGP; PDM Program
0	St. Pete Beach	Flood Proof Recreation Bulding	Flood-proof recreation building. Estimated completion time: more than 12 months. / 1	$350,000	Currently Unfunded	FMAP; HMGP; PDM Program; EMPATF
0	St. Pete Beach	Floodproof and retrofit Police Building/ City EOC	Flood-proof police building designated as the city's emergency operations center. Estimated completion time: more than 12 months. / 1	$370,000	Currently Unfunded	FMAP; HMGP; PDM Program
0	St. Pete Beach	Flood and Wind Retrofit for Fire Station, Merry Pier and Old City Hall Complex storage tanks	Provide storm protection for fire station, Merry Pier and the Old City Hall complex's underground storage tanks. Estimated completion time: more than 12 months. / 1	$370,000	Currently Unfunded	FMAP; HMGP; PDM Program; EMPATF
0	St. Pete Beach	Seawall Improvement & stormwater project	Construct seawall improvements in Don CeSar Area. Estimated completion time: more than 12 months. / 3	$400,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning
0	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
0	St. Pete Beach	Pump Station Replacement	Replace sanitary sewer force main from pump station #1 to St. Petersburg pipeline. Estimated completion time: more than 12 months. / 1	$1,400,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants
0	St. Pete Beach	Riprap enahncement	Construct riprap enhancements at Blind Pass, Southernmost Jetty in Pass-a-Grille and Pass-a-Grille Channel. Estimated completion time: more than 12 months. / 3	$2,000,000	Currently Unfunded	HMGP; PDM Program
0	St. Pete Beach	Flood Proof City Hall Complex	Flood proof first floor of existing city hall complex. Estimated completion time: more than 12 months. / 1	$3,500,000	Currently Unfunded	HMGP and Local funding. FEMA SRL pilot program.

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.
0	St. Pete Beach	Underground Utilities	Bury Vina Del Mar utilities underground. Estimated completion time: more than 12 months. / 2	$4,200,000	Currently Unfunded	FMAP; HMGP; PDM Program
	Largo/Envir. Services	Biosolids Building - Hurricane 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 and to provide recommendations for either strengthening the existing structure ($1.4 million), or total replacement of the building ($1.8 million). Repair work would include roofing, wall work, structural bracing and stiffening, replacement of doors, windows and fans; and painting of structural steel. This project is not part of the approved CIP. /4	$1,800,000	<FY17 (Unfunded)	
	Largo/Info. Technology	Computer Server Room Business Continuity	In FY 2010, it was determined that the weight and size of the existing server room was inadequate. The weight is more than the existing City Hall building can bear (computer room on second floor), the size and HVAC requirements are inadequate, and the survivability of the wind rating of the City Hall building is not high enough to protect the City's main (computer) infrastructure - the servers and main telephone switch. A new stand-alone Server and Telephone building (Data Center), survivable up to category 5 hurricane winds, off-site from City Hall is needed. The existing and proposed Data Center supports operational and communications for all City Departments including Public Safety, Environment Services, Public Works and Emergency Management. This project is part of the approved CIP. /4	$2,000,000	FY12	LOST

Table 10- 1: Mitigation Accomplishments

Project	Cost	Status	Funding
Belleair Beach			
Master Stormwater Plan for city-wide stormwater improvements and flood prevention	$55,000	For Fiscal Year 2014-2015	Currently Budgeted Local
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
Replace seawalls throughout Clearwater Beach. Estimated completion time: more than 12 months.	$5,000,000	Funded and Underway	EMPATF, HMGP; PDM Program
Develop a CERT that is trained on How to Educate Homeowners on Mitigation Techniques.	$37,000	Complete	Local and State
Purchase 2000Kw mobile generator	$375,000	Currently being bid.	Local and State
Jeffords Street Outfall	$1,000,000	Currently in Design.	Local and State
Magnolia Street Outfall	$4,000,000	Currently in Design.	Local and State
Woodlawn Terace Floodplain Storage	$1,000,000	Currently under Construction	Local and State
Smallwood Circle Drainage Improvements	$1,500,000	Currently under Construction	Local and State
Dunedin			
Lake Earl to Skyeloch Piping.	$35,000	Complete	State
Lake Sperry pipe lining.	$150,000	Complete	State
Elevated five (5) repetitive loss structures	$307,268	Complete	State

Project	Cost	Status	Funding
Retrofit 2 structures to reduce flood damage potential	$174,872	Underway	State
Rebuild 1 Structure	$119,746	Complete	State
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
Eckerd College			
Project: Construction of a new Center for Molecular and Life Sciences	$25,000,000	Completed 2013	Local
Project: Hardening envelope (roof, windows) Sheen Science Center (3 buildings)	$7,500,000	2013/14	Local
East Lake Fire District Gulfport			
Retrofit City Hall: Harden skylights in City Hall to withstand hurricane force winds; and install window protection devices (shutters) at City Hall and Fire Station (2401 - 53rd Street South and 5314 - 23re Avenue South)	$25,000	Complete	HMGP and Local
Fire Station Wind Retrofit: Harden Fire Station 17 overhead apparatus bay doors, and exterior doors of Fire Administration Building to withstand 125 mph + winds.	$100,000	Complete	Local
Indian Rocks Beach			
Demolished ten (10) pre-FIRM non-conforming structures and replaced them with conforming structures	$2,432,000	Complete	Private

Project	Cost	Status	Funding
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
Design 11th Ave. through 13th Ave. drainage project to mitigate local flooding.	$290,000	Complete	Local
Reclamation of 1.2 acres of wetlands to act as a flood buffer.	$100,000	Complete	Local
Dune Walkovers	$114,00	Complete	Local
Small Basin Reconstruction	$375,000	Complete	Local
Stormwater Reconstruction	$160,000	Complete	Local
Indian Shores			
Storm water management in redevelopment area to control and mitigate flooding. FY97/98	$60,000	Complete	Local and State
FMAP elevation of existing repetitive loss struture. FY97/98	$22,500	Complete	Private and State
FMAP acquisition and demolition of repetitive loss structure. FY97/98	$26,797	Complete	Local and State
Installed new seawall to mitigate flooding. FY97/98	$16,770	Complete	Local and State
Installed new seawall and replaced seawall cap. FY97/98	$5,080	Complete	Local
Storm water management at 19305 Gulf Blvd. (Town Hall complex) FY97/98	$80,000	Complete	Local and State
FMAP elevation of repetitive loss existing structure. FY00/01	$41,683	Complete	Local and State
Development of Town master drainage plan. FY01/02	$80,000	Complete	Local and State
Purchase property in redevelopment area for potential site of future retention pond. FY01/02	$40,000	Complete	Local

Project	Cost	Status	Funding
Implement Town-wide storm water master plan. FY02/03	$300,000	Underway	Local and State
Purchase and installation of an auxiliary generator for the Critical Facility, Town Hall, 19305 Gulf Blvd.	$33,455	Complete	HMGP and Local
Juvenile Welfare Board			
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)
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	$10,000	Completed	
Retrofit of Critical Facility/Stormshutters on PD and City Hall	$46,000	Completed	EMPATF;HMGP; PDM Program
Repairs to existing stormwater lines damaged by July Rain event		Underway	Local
Re-sheathing of Public Works Building with wind-loaded exterior	$400,000	Underway	Local
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	

Project	Cost	Status	Funding
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	
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
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	
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
Channel 1 Drainage/Infrastructure Plan	$1,919,213	Completed 2007	Local

Project	Cost	Status	Funding
Suncoast Manor Drainage//Old Valencia Blvd. Plan	$274,132	Completed 2007	Local
McKay Creek Drainage Improvement Plan	$1,549,460	Completed 2006	Local
Purchasing and Demolition of Repetitive Loss Properties (4)			
132 Gatewood Drive	$149,000	Completed 2003	Local
198 Gatewood Drive	$190,000	Completed 2003	Local
71 East Overbrook Drive	$177,000	Completed 2005	Local
2463 19th Place SW	$127,500	Completed 2005	Local
Rain Gauge Monitoring System Base Unit (32 units at $1800 per unit)	$57,600	Completed 1995-2007 (more added as budget permits)	Local
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
SCADA System for remote monitoring	$1,350,000	Competed 2004	Local
Lealman Fire District			
Madeira Beach			
Stormwater Master Plan Improvements	$218,429	Underway	Local
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
Municipal Seawall Replacement	$204,693	Complete	

Project	Cost	Status	Funding
Storm Drainage and Roadway Improvements Relating to Drainage – Normandy Road	$1,180,000	Underway	Local /Applied for Matching SWFWMD Cooperative Funding
Storm Drainage and Roadway Improvements Relating to Drainage – Engineering Study – Boca Ciega Drive	$80,000	Study underway	Local (including a portion by Local Option Sales Tax)
Municipal Complex Reconstruction (City Hall, Fire Station, Recreation Center and related outside activity areas)	$8,630,000	This project has been approved and funded through municipal funding and bond issue. Project currently in permitting process. Construction to begin early 2014.	Local
Stormwater Outfall Cleaning	$180,000	On-going	Local
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
Underground utilities throughout the side streets of NRB. This includes all streets except Gulf Boulevard.	$2,000,000	Completed	Local
Oldsmar			
Hurricane Wind Hardening Retrofit of Municipal Services Facility.	$103,723	Complete	HMGP/Local
Pinellas County			
Sediment/erosion control, sediment removal, and/or stream bank/ channel stabilization for flood control purposes		Ongoing and completed	State and Local

Project	Cost	Status	Funding
1) Bee Branch	$6,570,900	Phase 2 complete, phase 1 in progress	Penny for Pinellas; SWFWMD; Grant
2) Curlew Creek	$7,115,800	~~80% complete~~Complete	Penny for Pinellas; SWFWMD
3) Bear Creek Channel Improvements	$2,908,900	FY2014 Complete	Penny for Pinellas; SWFWMD
4) Curlew Creek Channel A Improvements	$7,115,800	FY2012-FY2014 80% complete	Penny for Pinellas; SWFWMD
Animal Services Building Storm Hardening	$256,670	Completed	HM Allocation/Local
Belleair Elementary School Storm Retrofit; new classroom will gain 783 shelter spaces	$44,100	Completed	Local
Emergency Communications upgrade of radio system to SmartZone technology.	$17,500,000	Complete	CIP/grants
EMS hardening of Sunstar Communications Center north wall and south alleyway enclosed.	$310,000	Complete	General Fund
EMS A/C replacement for the radio and server room.	$300,000	Complete	General Fund
EMS Sunstar Communications Center and radio room roof replacement.	$150,000	Complete	General Fund
EMS Building Storm Hardening	$272,294	Completed	HM Allocation/Local
High Point Elementary School Retrofit	$6,002	Project Completed	Local

Project	Cost	Status	Funding
Medical Examiner/Forensics Building Storm Hardening	$347,607	Completed	HM Allocation/Local
New Heights Elementary School Door Replacements in Building 2	$33,927	Project Completed	Local
Public Works Storm Hardening - Generator Bldg., Traffic Bldg, Survey Bldg.	$49,422	Completed	HM Allocation/Local
Ross Norton Community Center - Generator	$70,322	Project Completed	Local
Skycrest Elementary School Storm Retrofit; new classroom will gain 783 shelter spaces	$44,100	Completed	Local
Supervisor of Elections Building Storm Hardening (Starkey Rd)	$98,271	Completed	HM Allocation/Local
Post-Disaster Redevelopment Plan, including Health/Human Services Component	$120,000	Project completed; to be reviewed by BCC	CPI/Local
Post-Disaster Redevelopment Plan - Health/Human Services Component	$40,000	Project completed; to be reviewed by BCC	HMGP/Local
Comprehensive Land Development Regulations Update - includes updating floodplain management regulations		Project in progress	
Homeless Emergency Project was awarded for 4 single-family home roof replacements	$38,000.00	Roof replaced with current building code standards.	CDBG
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
Pinellas County Community Development Low Interest Loan	$1.4M	81 Single family homes received a Low Interest Loan	CDBG; State Housing Initiatives Partners

Project	Cost	Status	Funding
		from Pinellas County for hurricane mitigation.	(SHIP); Housing Trust Fund (HFT)
Neighborhood Stabilization Program NSP	$20,400 (est.)	10 homes remodeled, 2 with impact windows, 4 with metal storm panels	NSP 1
Neighborhood Stabilization Program NSP2	$43,300 (est.)	13 homes remodeled, 4 with impact windows, 9 with metal storm panels	NSP2
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
The Glades Drainage Assessment	$1,089,200	Completed	Penny for Pinellas/ Local
Cross Bayou Watershed Plan (132A)	$514,600	Completed FY2013	Penny for Pinellas
Keystone Road Reconstruction	$16,805,900	Completed FY2013	Penny for Pinellas
Bryan Dairy Road - Starkey to 72nd St.	$9,275,400	Completed FY2013	Penny for Pinellas; Grants
Cross Bayou Watershed Plan	$252,310	Completed FY2013	Penny for Pinellas; SWFWMD; Grant
Starkey Basin Watershed Mgt. Plan	$607,200	Completed FY2013	Penny for Pinellas; SWFMD; Gov't Reimbursement
Public Safety Facilities & Centralized Communications Center	$72,981,800	Completed	Penny for Pinellas

Project	Cost	Status	Funding
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
Lealman Area Drainage Improvements (1628)	$881,930	FY2012 to FY2014 Completed	Penny for Pinellas
Lealman Central Area Drainage Improvements (2027) Preliminary engineering for master drainage plan.	$150,000	Completed	CDBG
Government Facilities Remodel & Renovation (1633)	12,275,500	Completed	Penny for Pinellas
Community Buildings Emergency Shelter Project (1843)	6,950,000	Completed	Penny for Pinellas
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
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
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

Project	Cost	Status	Funding
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
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
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
Stormwater Rehabilitation Program - Install and line galvanized culvert pipe through the City.	$500,000	This is an annual ongoing project.	Local
NFIP Map Update - This project involved an outreach to ~~preoperty~~ 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
Mobile Hazard Mitigation House - This project adapted a mobile home to illustrate means to better protect homes and MH's from various natural hazards as well as fire. The unit is also equipped to make multimedia presentations and be used to demonstrate home escape measures. FY 00/01	$31,747	Completed	State

Project	Cost	Status	Funding
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
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
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
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
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

Project	Cost	Status	Funding
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
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
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 imiprovements prior to discharge into Cross Bayou Canal.	$1,176,680	Completed FY13-14	Local and SWFWMD Grant
Emergency Generator Installation LS 27 to maintain service	$70,000	Completed FY13-14	Local
Emergency Generator Installation LS1 to maintain service	$115,000	Completed FY13-14	Local
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
Flood mitigation of town streets and roads, milling & resurfacing	$2,000,000	Completed in 2012	Local
Repair intracoastal causeway seawalls	$175,000	Underway	Local
Redington Shores			

Project	Cost	Status	Funding
Elevated Town Hall / EOC Building .Constructed on fill to elevation 12.0 NGVD. Zone AE.	$600,000	Complete 2001	Local
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
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
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
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
Safety Harbor			
Public Works dewatering pump replacement	$18,000	Complete	Local
Harden Safety Harbor EOC – Impact resistant windows and doors.	$15,000	Complete	Federal, State, Local
Harden Fire Station #52 – Impact resistant windows, doors, garage doors.	$110,000	Complete	Federal, State, Local
Harden Fire Station #53 and upgrade EOC	$250,000	Complete	Local
East Gate Drainage Improvements	$1,442,811	Complete	Local and State
South Green Springs - Improvements to minimize street flooding.	$1,500,000	Complete	Local
11th Ave. S. Brick Street & Drainage Improvements	$701,339	Complete	Local and State

Project	Cost	Status	Funding
Street and Yard Flooding - 2nd Ave. N.	$1,300,000	Complete	Local
Rigsby Center/Hurricane Shutters Installed	$1,438	Complete	Local
Parks & Bldg. Maintenance/Hurricane Shuitters and Wind rated Bay/Garage doors installed.	$4,021	Complete	Local
Street Flooding Improvements - Bailey Street	$430,000	Complete	Local
Bishop Creek Erosion and Storm Water Control, Harbor Woods	$906,857	Complete	Local and State
Fire Station #53, Replace Ladder Truck and special Equipment	$510,000	Complete	Local
Bishop Creek Erosion and Storm Water Control, Rainbow Farms Ph 1.	$1,300,000	Complete	Local and State
Library/Hurricane Shutters for existing building	$7,058	Complete	Local
Daisy Douglas Park/Wind rated garage doors installed.	$1,464	Complete	Local
Fire Station #53/hurricane shutters installed	$1,398	Complete	Local
Public Works Office Facility/Hurricane shutters installed	$1,538	Complete	Local
North City Park/Wind rated garage doors installed	$1,392	Complete	Local
Master Lift Station: new generator and pumps	$70,000	Complete	Local
Fire Station #52: New generator	$75,000	Complete	Local
Fire Station #53: New generator	$60,000	Complete	Local
Fire Station #53: Building to house new generator	$50,000	Complete	Local
Public Works replacement of a generator	$40,000	Complete	Local
South Bayshore Drainage/Water Quality Improvements	$2,289,313	Completed	Federal, State, Local

Project	Cost	Status	Funding
Cypress Trace Lift Station	$60,000	Completed	Local
Briar Creek Lift Station	$70,000	Completed	Local
Seminole			
Construct emergency operations center and public works garage. Estimated completion time: more than 12 months.	$6,500,000	Complete 2013	Local
South Pasadena			
Storm shutters on public works building	$16,500	Complete	HMGP
Generator switch at joint EOC	$15,000	Complete	Local
Hardened fire station and construct addition	$43,000	Complete	HMGP $5,000/ Local $38,000
Purchased 80KW generator for public works building	$39,000	Complete	Local
City Hall Window Protection	$50,000	Complete	Local
St. Petersburg			
Mitigated 3 waterfront properties on Bayou Grande Blvd. NE to prevent damage from flooding.	$289,237	Complete	Federal and Local
1st St. N. storm water project	$5,788,000	Complete	Local
Highland St. storm water project.	$844,000	Complete	Local
Nebraska Ave. NE storm water project.	$200,000	Complete	Local
3rd St. Bayboro storm water project.	$3,668,000	Complete	Local
4th St. S. Bayboro storm water project.	$2,369,000	Complete	Local
Floral Lake storm water project	$308,000	Complete	Local

Project	**Cost**	**Status**	**Funding**
Mirror Lake alum injection system.	$553,000	Complete	Local
Booker Creek Maintenance at Tropicana Dome.	$203,000	Complete	Local
8th St. drain storm water project.	$2,558,000	Complete	Local
67th St. drain storm water project.	$681,000	Complete	Local
Lake Winston storm water project.	$2,261,000	Complete	Local
31st St. S storm water project.	$576,000	Complete	Local
Tinney Creek rehab. project.	$194,000	Complete	Local
Ponds Ditch rehab. project.	$30,000	Complete	Local
Clam Bayou retrofit project	$286,000	Complete	Local
Ditch piping project - 4 locations throughout the city.	$3,578,000	Complete	Local
Bayou Grande Blvd. NE project.	$398,000	Complete	Local
Roser Park Creek project.	$1,000,000	Complete	Local
King St. N. drainage improvements	$2,966,000	Complete	Local
Oak St. NE drainage improvements	$344,000	Complete	Local
Riviera Bay & Snell Isle Stormwater Vaults	$1,400,000	Complete	Penney for Pinellas/Local
MLK Street N. Part 2 Storm Drainage Improvements	$5,958,000	Complete	SWFWMD/Local
Golf Creek, 13^{th} A/N & Vicinity Stormwater Improvements	$1,600,000	Complete	SWFWMD/Local
Jungle Lake Outfall Storm Drainage Improvements	$2,980,000	Complete	SWFWMD/Local

Project	Cost	Status	Funding
Jungle Lake Northeast Basin Storm drainage Improvements	$3,557,000	Complete	SWFWMD/Local
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
Flood and Wind Retrofit of Municipal Buildings	$310,000	Complete	Federal and Local
Tarpon Springs			
Riverside and Hillside Drive Stormwater Improvements	$67,000	Conceptual Design	SW Utility
Walton Avenue Evacuation Route SW Improvements	$224,000	Under Construction	SW Utility
Pent Street Flooding/Drainage Improvements	$1,122,000	Conceptual Design	SW Utility
Disston and Tarpon Ave Evac Route SW Improvements	$428,000	Design Complete	SW Utility
Kenneth Way Flooding/Drainage Improvements	$91,000	Conceptual Design	SW Utility
Center Street at Disston Ave Flooding/Drainage Improvements	$573,000	Alternatives Analysis Underway	SW Utility
Athens St. and Dodecenase Sponge Docks Flooding/Drainage Imp.	$27,000	Conceptual Design	SW Utility
Palm Avenue Flooding/Drainage Improvements	$728,000	Conceptual Design	SW Utility
Chesapeak Drive Flooding/Drainage Improvements	$185,000	Under Construction	SW Utility

Project	Cost	Status	Funding
Hibiscus Street Flooding/Drainage Improvements	$90,100	Under Construction	SW Utility
Highland Avenue at Vista Place Flooding/Drainage Improvements	$161,500	Conceptual Design	SW Utility
Disston Ave between Spruce and Live Oak Flooding/Drainage Imp	$581,000	Conceptual Design	SW Utility
S&R Boat	$15,000	Purchased 2014	Penny and City
Tarpon Springs Shoreline Stabilization (1069)	$503,700	Completed 2014	Penny for Pinellas
Treasure Island			
Elevated three structures above the base floor elevation	$100,000	Complete	Private
Demolished three structures and replaced with conforming structures.	$1,500,000	Complete	Private
Demolished one structure in flood area.	$800,000	Complete	Local and State
Applications pending to elevate two structures above the base floor elevation	$210,000	Underway	Private and State
Drainage improvements in the Sunset Beach neighborhood to reduce flooding.	$300,000	Complete	Local and State
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
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

Project	Cost	Status	Funding
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. Resrve of $500,000 established.	Complet and on-going	Local and County (sea oats donation)
2013 Elevated 2 structures above BFE	$459,000	Complete	Private
2013 Demolished one structure in flood area (no replacement)	$10,000	Complete	Private
Permits issues to elevate one structure above the base floor elevation (to be completed in 2014)	$1,430,000	Underway	Private
Demolition of 7 non-FEMA compliant structures (2015)	$64,700	Complete	Private
Drainage improvements in the Sunset Beach neighborhood to reduce flooding. (One phase)	$914,000	One Phase Complete	Local and State
~~Treasure Island / Public Works~~ Palms Bridge replacement	$1,657,638	Complete	Local
~~Treasure Island / Public Works~~ Capri Bridge replacement	$2,244,517	Complete	Local
Main Lift Station Refurbishment	$429,176	Complete	Local
Lift Station #3 Refurbishment	$244,339	Complete	Local
~~Harden the PARC Center Apartments (Intermediate Care Facility).~~	~~$1,000,000~~	~~Complete~~	

ATTACHMENT 2

PINELLAS COUNTY

LOCAL MITIGATION STRATEGY WORK GROUP MEETING

THURSDAY, JULY 16, 2015; 1:30 PM

TAMPA BAY REGIONAL PLANNING COUNCIL

4000 Gateway Centre Blvd., Ste. 100, Pinellas Park

Agenda

1) **Welcome and Introductions**

2) **Review/Approval of Minutes, April 16, 2015**

3) **Presentation: Pinellas County CRS/LMS results (510 and 610 Activities) Rahim Harji, Pinellas County; Lisa Foster, Jones Edmunds; Sally Bishop, Pinellas County**

    a. **Successes**
    b. **Lessons Learned**
    c. **How your City can benefit**
    d. **What we can do to improve**

4) **LMS Update/Status**
    Those municipalities that still need to adopt the LMS

5) **Appendix 9 and 10, Annual Updates**

6) **Other Business**

7) **Adjourn**

SAVE THE DATE

NEXT SCHEDULED QUARTERLY LOCAL MITIGATION STRATEGY MEETING:

Thursday, October 15, 2015, 1:30 P.M.

Tampa Bay Regional Planning Council, 4000 Gateway Centre Blvd, Suite 100, Pinellas Park

Minutes

Pinellas County
Local Mitigation Strategy Work Group Meeting
Thursday, July 16, 2015 1:30 P.M.
Tampa Bay Regional Planning Council Office
4000 Gateway Centre Blvd, Pinellas Park

1. Welcome and Introductions

Chairperson Renea Vincent welcomed attendees and attendees introduced themselves.

2. Review/Approval of Minutes, April 16, 2015:

Dayton Saltsman of the City of South Pasadena made the motion to accept the minutes from the last meeting, April 16, 2015. (?) inaudible seconded the motion. Motion passed unanimously.

3. Presentation: Pinellas County CRS/LMS results (510 and 610 Activities)
Rahim Harji, Pinellas County; Lisa Foster, Jones Edmunds ; Sally Bishop, Pinellas County

Mr. Harji stated that the purpose of the presentation was to share the County's Community Rating System (CRS) with the various municipalities. He explained that most of the content of the presentation was coming from Sections 510 and 610 of the County's Local Mitigation Strategy outreach information that Emergency Management staff does countywide, so that the municipalities could qualify for some of the required points of the system. He also explained that the municipalities would need to modify some of the information so that it is specific to their municipality. Mr. Harji then introduced Ms. Lisa Foster, with Jones Edmunds.

Ms. Foster stated that the Jones Edmunds consulting firm assisted the County with their CRS over the past year and that the County had its verification visit in November 2014. She then gave a basic overview of the CRS.

The CRS has four **(4) components** (core series): **a)** (300) Public Information Activities; **b)** (400) Mapping & Regulations; **c)** (500) Flood Damage Reduction Activities and **d)** (600) Warning & Response Activities. The focus of the presentation was on the 500 and 600 series.

The 300 Series deals with activities such as elevation certificates, in which 90% of them have to be correct before being able to move forward in the CRS program. The activities also deal with outreach projects, flood insurance promotions and the dissemination of flood protection information. The 400 Series deals with activities such as stormwater management, open space preservation, flood data maintenance, floodplain mapping and the assurance that regulations are in place that are going to protect the residents from flooding.

The 500 Series focuses on floodplain management planning. Pinellas County uses the Local Mitigation Strategy (LMS) as their floodplain management plan for their CRS Plan. The 600 Series focuses on Warning and Response. The Pinellas County Emergency Management Department is expecting to earn the maximum points that have yet to be earned in the state of Florida.

There are three **(3)** different **elements** in the **510 Floodplain Management Planning Activity (Max credit 622 points):**

- **<u>FMP: Floodplain Management Planning</u>** (382 points for a communitywide floodplain management plan that follows a 10-step planning process: {***Step 1***. *Organize;* ***Step 2.*** *Involve the public;* ***Step 3.*** *Coordinate;* ***Step 4***. *Assess the hazard;* ***Step 5***. *Assess the problem;* ***Step 6***. *Set goals;* ***Step 7.*** *Review possible activities;* ***Step 8***. *Draft an action plan;* ***Step 9***. *Adopt the plan; and* ***Step 10***. *Implement, evaluate, revise.*}
  - LMS
- **<u>RLAA: Retitive Loss Area Analysis</u>** (*140 points for a detailed mitigation plan for a repetitive loss area.*
  - RL Mitigation Plan

- **NFP: Natural Floodplain Functions** *(100 points for adopting plans that protect one or more natural functions within the community's floodplain)*
  - Comp Plan, Preserve Plans

Ms. Foster explained the prerequisites for the program. She stated that if a community is a repetitive loss community, the following prerequisites must be completed before being able to participate in the CRS program: **a)** a repetitive loss list needs to be generated; **b)** a map; **c)** list of causes; **d)** list of addresses; and **e)** a building count for areas with at least one, but fewer than 10, repetitive loss properties that have not been mitigated or with 10 or more repetitive loss properties that have not been mitigated. Either a Repetitive Loss Area Analysis or a Floodplain Management Plan must be done for those communities with 10 or more repetitive loss areas.

Ms. Foster introduced the Crosswalk Tool which includes a checklist and the 10 Step planning process, for those communities that are utilizing their own LMS. She then explained how to complete the Crosswalk Tool and went into more detail regarding the specifics of the steps.

She pointed out that regarding Step 3, Coordinating with Other Agencies, other agencies and organizations must be contacted to determine if they have studies, plans, or information pertinent to the floodplain management plan; to determine if their programs or initiatives may affect the community's program; and to see if they could support the community's efforts. It is important to ensure that the agencies and organizations that are contacted are not part of the LMS Committee working group which is comprised of 50% government and 50% stakeholders/public.

Some examples of "other agencies and organizations" include neighboring communities; local, regional, state, and federal agencies; and businesses, colleges, and other private and nonprofit organizations affected by the hazards or involved in hazard mitigation or floodplain management.

Regarding Step 2, Involving the Public, a public meeting separate from the committee meeting must be held within the first two months of the planning process to obtain public input. Another one must also be held at the end of the planning process, at least two weeks before submittal.

Some of the municipalities are very small and may encounter difficulty getting the required points needed so it is important for these communities to work closely with the ISO person from the County, as County points may be awarded to munis. The ISO can recognize any overlap and potential for duplicate efforts.

Step 8, Draft an Action Plan, is where the munis can specify activities appropriate to the community's resources, hazards, and vulnerable properties. The maximum points for this step is 60, the County anticipates 55 points. 50% of the available 60 points are needed to meet Class 4 prerequisites.

Ms. Foster stated that meeting the 50% stakeholder is the most difficult requirement to meet and suggested that each community bring a stakeholder to the next LMS Meeting. Chairperson, Renea Vincent asserted that the LMS Committee is a very broad working group and asked if there was any benefit to maybe shrinking the size of the group so that it would easier to get the 50% as there are multiple individuals from multiple jurisdictions attending. Ms. Foster replied that as long as the working group is comprised of the required representatives from the various departments for the various jurisdictions (i.e. Planning, EMS, Engineering, etc.) and the match, that that would be acceptable. Ms. Foster added that it was important to be mindful that if points are desired for Step 3, that anyone who is included as a stakeholder cannot be consulted for information. Mr. Harji added that it was also important not to exclude anyone and suggested that a list be formed to see the specific existing representation and then go from there in deciding who is missing and/or needed. Chairperson Vincent asked if all of the positions had to be represented under each municipality. Ms. Foster replied that it is dependent upon the municipality's size and its department composition.

If a community has a floodplain ordinance that is more restrictive than the LMS it is okay; however, it would be in the community's best interest to review the model ordinance of the State and the County.

After seeing that there were no additional questions or comments relating to the 500 series, Ms. Foster moved on to the 600 Series which focuses on Warning and Response. This Series has three **(3) components: a)** Flood Warning and Response; **b)** Levees; and **c)** Dams.
There are **6** different **elements** in the **610 Flood Warning and Response Activity (Max credit 395 points):**

- FTR: Flood threat recognition system
- EWD: Emergency warning dissemination
- FRO: Flood response operations
- CFP: Critical facilities planning
- SRC: Storm Ready community
- TRC: Tsunami Ready community

The Flood Warning and Response Activity consists of a Documentation Report (developed by Sally Bishop), a Checklist and several Attachments.

Ms Foster stated that Mr. Harji would make the County's report, checklist, attachments and scoring available to the communities for review as a lot of what the County does is countywide. She suggested that the communities utilize a similar format but each community has to go through the report compare and tweak when necessary to make it community specific. Mr. Harji will send the information to the LMS group/communities and will also post it on the website downloadable in WORD format for easy editing.

Communities that do not have an individualized plan for any specific emergency operation and therefore rely on the County's plan must indicate that and state that the County is aware. The communities were urged to contact their ISO for assistance.

At the conclusion of the PowerPoint presentation, Chairperson Vincent reiterated that the County's report, checklist, attachments etc. will be made available via multiple channels to the LMS group, CRS etc.

Ms. Sally Bishop asked if the Program for Public Information Committee (PPI) was made aware of what was occurring so that the County could take advantage and get some points via that venue. Chairperson responded that the LMS group met once early on in the process to talk about the PPI Committee. Ms. Bishop also stated that the cities could take advantage of the fact that the County is already storm ready; however, if the cities were not storm ready but wanted to be, that they needed to contact Daniel Noah, the County's National Weather Service contact, to start the process. She will ensure that his contact information is made available to anyone who is interested.

Ms. Bishop and Mr. Harji explained that if the cities do not want to be a part of the County's PPI, the cities can take the information that the County has developed and reproduce it at the city level and swap out logos, get the points and have all of the same materials without having to reinvent the wheel. Additionally, if a community doesn't want to create a PPI website, they can simply direct them to the County's website, which would still qualify the community for those points.
Mr. Harji also shared that the communities could utilize the Pinellas County Map Service Center which pulls in data for the entire nation; however, the capability exists for parcel level searches for flood zones, storm surge, contour elevations and other layer information that gets more points. The source of the data must be noted.

Chairperson Vincent added that Pinellas County's Enterprise Egis staff recently added new set of public facing map applications. She will see if a link can be added to the LMS website so that it is easily accessible to the workgroup.

4. LMS Update/Status – Those municipalities that still need to adopt the LMS

Chairperson Vincent stated that there are still a few municipalities that still need to adopt the LMS. She stated that she sent out an email to those specific municipalities and thanked those who got them in. There are 7 remaining municipalities that still have not gotten their adopted LMS Resolutions in to her or Michael Wallach that she will follow up with independently.

5. Appendix 9 and 10, Annual Updates

Chairperson Vincent stated that the group needs to start thinking about Appendix 9 and 10 annual updates which is the list of unfunded projects and the list of accomplishments. There were a few municipalities who identified some things that needed to be corrected after the LMS had been adopted. The information is currently contained on a huge EXCEL spreadsheet. Mrs. Vincent stated that she is open to suggestions for the best way to make corrections. She is hoping to make it available for the October meeting for discussion and get it ready for finalization in December. Noah Taylor, with the City of St. Petersburg stated that there may be some unfunded projects on Appendix 9 that may have been completed that need to be moved to 10. There was a slight modification to the format of the spreadsheet for the last LMS review, as additional information had been requested. For new projects for 9, there will need to be a committee to score them and go through the ranking to get them officially on the list. Noah Taylor and Bob Bray assisted on the committee last time; additional volunteers are welcome.

If a municipality has data errors in the plan, those errors can be corrected during the annual update. Mrs. Vincent said that she will investigate to see what can be done If there are errors elsewhere in the LMS document that need to be corrected. There may be a way to do minor edits to the document without having everyone have to re-adopt the LMS completely. Ms. Vincent stated that she would reach out to Hillsborough for some guidance as they have gone through the correction process before. It would be in the muni's best interest to adopt the plan with the errors and then go through the correction process. As it is a countywide process, it has already been approved for adoption so it is important for everyone to get it adopted. If a municipality does not have an adopted LMS Resolution, they will not be able to apply for any of the hazard mitigation funding opportunities that may be available in the future.

6. Other Business

-Future meeting agenda item will include Appendix 9 and 10 Annual Update

7. The meeting was **adjourned** at 3:40 p.m.

PINELLAS COUNTY

LOCAL MITIGATION STRATEGY WORK GROUP MEETING

THURSDAY, OCTOBER 15, 2015; 1:30 PM

TAMPA BAY REGIONAL PLANNING COUNCIL

4000 Gateway Centre Blvd., Ste. 100, Pinellas Park

Agenda

1) **Welcome and Introductions**

2) **Review/Approval of Minutes, July 16, 2015**

3) **Appendix 9 and 10, Annual Updates/Adoption Schedule**

    a. **Sub-committee to review new projects for Appendix 9**

4) **2016 Meeting Schedule**

5) **Other Business**

7) **Adjourn**

SAVE THE DATE

NEXT SCHEDULED QUARTERLY LOCAL MITIGATION STRATEGY MEETING:

TBD

Tampa Bay Regional Planning Council, 4000 Gateway Centre Blvd, Suite 100, Pinellas Park

Minutes

Pinellas County
Local Mitigation Strategy Work Group Meeting
Thursday, October 15, 2015 1:30 P.M.
Tampa Bay Regional Planning Council Office
4000 Gateway Centre Blvd, Pinellas Park

1. **Welcome and Introductions**

   Chairperson Renea Vincent welcomed attendees and attendees introduced themselves.

2. **Review/Approval of Minutes, July 16, 2015:**

   Mr. Gregory Becker, Pinellas County Emergency Management made the motion to accept the minutes from the last meeting, July16, 2015. Mr. Danny Taylor, Indian Rocks Beach seconded the motion. Motion passed unanimously.

3. **Appendix 9 and 10, Annual Updates/Adoption Schedule**

   Chairperson Vincent stated that she had received the strike-thru underline Appendix 9 & 10 updates from nearly half the jurisdictions. She informed the attendees that a compiled document had been sent to everyone that hopefully reflected everyone's updates accurately and requested that they speak to her or email her if there were any comments. She also stated that she didn't have all of the updates for Pinellas County yet and that Rahim Harji is in the process of completing the updates dealing with stormwater projects and associated items. She informed the group that the October 1, 2015 deadline had been extended to October 30, 2015 for additional updates which also included new projects. She then turned the meeting over to Vice-chair, Bob Bray to explain the scoring sheets.

   Mr. Bray explained that the scoring sheet has a column which asks for a score to be entered from 1-5, and once that score is entered it will accurately calculate an associated point in the point column. The spreadsheet has been set up to automatically tabulate the scores so no mathematics is required. Mr. Bray further stated that it was important to be as detailed as possible in the description section as it will help to support the score. All of the new projects that come in must be reviewed by the subcommittee and a detailed project description will minimize questions.

   Mrs. Vincent added that if the jurisdiction's projects are not listed, the jurisdiction would not be eligible to apply for funding for the unlisted projects. Mr. Bray added that the scores are ranked across the county. There is a grand total that the funding comes out of. One of the determining factors along with being listed in the LMS document is where the jurisdiction's score falls in the LMS document. If there is a tie or a shortage of funding, a better score is going to get the extra points. Mrs. Vincent stated that she had sent out several emails regarding the score sheets and hopes that everyone can get any additional projects in by the October 30th deadline, as it will give the subcommittee time for adequate review.

   Mrs. Vincent informed the group that the subcommittee included Bob Bray, Noah Taylor, and her. The same individuals functioned as the subcommittee last year and were unopposed by the group to function in the same capacity this year as well. She explained that the subcommittee, basically review, check the scoring and do an apples to apples comparison to make sure that everyone is scoring similarly. Sometimes there are some interpretation questions as to what something really means when the spreadsheet is filled out. A tentative date of November 19th at 2:00 pm has been set for the subcommittee to meet and review the projects. This time frame would give the subcommittee enough time to have the review process completed for the January meeting and have the board bless the new projects as well as the Appendix 9 & 10 changes.

   A question was posed as to whether or not the scoring was supposed to be done countywide opposed to by individual city. It was the understanding of one of the attendees that it had been previously done this way so that if and when there was a tie or a need to use that list at the state level, that they would be able to see the overall list opposed to having to look through 25 municipalities. Mrs. Vincent deferred to Mr. Brady Smith for a response. She asked Mr. Smith if the LMS had changed since the last time. Mr. Smith stated that he couldn't remember off the top of his head but stated that this was the way that Betty__________ had entered the information as it was the easiest way to do it. Mrs. Vincent stated that she would touch base with Michael Wallick to find out. She added that it is much easier to do strike-through underline in a WORD document than making changes in an EXCEL spreadsheet. Several attendees were in agreement. She further added that it was done this way and reordered as a part of the LMS update. She stated that it is not in the LMS Plan in numerical sequence but is in there by jurisdiction. She will check with Michael Wallick to find out the best way to do it.

There was some question as to exactly how long the projects need to stay on the list. For example, there are some projects listed dating back to 2001. An attendee made Mrs. Vincent aware that the narrative also needed to be updated. A comment was made that if the projects were kept on the list, it would be able to show what we have succeeded at because otherwise the successes would just get buried in records management files. Mrs. Vincent stated that she would send the list of questions/suggestions up to Michael Wallick for guidance.

Mrs. Vincent asked if a formal action of a vote was needed to approve Bob, Noah and she as the subcommittee. Yes, was the general response. She asked if anyone wanted to make a motion confirming Bob, Noah and she as the subcommittee. Gregory Becker, made the motion and Anthony Mastracchico seconded it. With none opposed, the motion carried. Mrs. Vincent stated that the subcommittee meeting was an open meeting and was scheduled for November 19, 2015 at 2:00 pm in Bob Bray's office.

4. LMS 2016 Meeting Schedule

Chairperson Vincent presented the proposed LMS 2016 Meeting Schedule, suggesting that the meeting remain a quarterly meeting on the third Thursday of the meeting month at 1:30 pm at the Tampa Bay Regional Planning Council. No objections were noted; whereupon, Mr. Bob Bray moved, seconded by Mr. Noah Taylor and carried unanimously, that the schedule be approved. The approved meeting dates are:
January 14, 2016; April 14, 2016; July 14, 2016; and October 13, 2016.

5. Other Business

Gulfport and Dunedin are the only two jurisdictions that have not yet submitted their Resolutions of Approval on the LMS. Mrs. Vincent stated that Dunedin's is done but has not yet been received and didn't know the status of Gulfport's. She then thanked everyone else who had submitted theirs.

All jurisdictions were encouraged to attend the January 14, 2016 meeting so that a vote can be taken to send the updates up to Tallahassee as well as to elect new officers.

Mr. Bray suggested that the cities consider starting the annual updates earlier opposed to waiting and having to rush to get them done.

Mrs. Vincent stated that the group had a very good presentation by Rahim back in July regarding the County's CRS cycle and how the County uses the LMS as well as some other resources that the cities can take advantage of. The presentation is posted on the County's LMS website. She told the attendees to feel free to reach out through her or directly to Rahim if/when they are going through CRS reviews, as there were a lot of things that the County was able to max out points on that the cities, with a few minor modifications and links should be able to take advantage of, especially for emergency management notifications. She then informed anyone that wasn't aware that the County went from a 7 to a 5.

Mr. Brady Smith, addressing Mr. Bray stated that Mr. Bray had mentioned that Climate Change and Sea Level Rise was something that had been identified in this last 2015 LMS update and continued that there was significant work currently going on in these areas. The Regional Planning Council had recently worked with a scientific advisory panel to develop a recommendation for sea level rise scenario based projections and suggested that it might be a good presentation for the January meeting. Mrs. Vincent stated that she'd note that as a presentation for January.

Mr. Noah Taylor stated, regarding the points that the jurisdictions can get piggybacking off of the County's emergency management notifications, that if a jurisdiction gets close to a new class, a request can be made for a modification which can be done once a year. He found this out when he was submitting information for his city's yearly recertification, which is in the CRS manual. Additional items would need to be submitted but it would be things that were missing before doing the LMS. There is no need for a full blown audit to get a modification and it only takes about a week. It could be huge for your community if you would like to get an extra 5% on your CRS. He also stated that Danny Hinson was in the process of sending out a memo to all of the communities that can be used to request state materials which can get you so many points for outreach as long as you are displaying them in your community. He will send a template in which you fill in your community's information and then indicate where you plan to display the requested material.

7. Adjournment

There being no further business, Mrs. Vincent asked if there was a motion to adjourn. Mr. Bob Bray made the motion and Ms. Catherine Porter seconded the motion. The meeting adjourned at 1:55 pm. The next meeting is scheduled for Thursday, January 14, 2015 at 1:30 pm.

SAVE THE DATE
NEXT SCHEDULED QUARTERLY LOCAL MITIGATION STRATEGY MEETING:

January 14, 2016 at 1:30 p.m.
Tampa Bay Regional Planning Council, 4000 Gateway Centre Blvd, Suite 100, Pinellas Park

NEW PROJECTS WITH COMMITTEE SCORING AND COMMENTS

Project Name		Pinellas County Stormwater Facility Improvements			
Submitted by:		Pinellas County			
Project Cost:		$1,170,000			
Project Description: (The description should include those threats the project is to address and identify a NEED.)		Improve water qualtiy treatment and flooding conditions through improvements to existing County-owed stormwater facilities.			
Potential Funding Sources:		Penny for Pinellas			
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**		
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	3	120
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	5	50
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	420
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		84%
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	3	45
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	3	45
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50
6	Number of People to Benefit from this Project	15%	**5 - High:** More than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low:** Fewer than 10,000 people.	1	15
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	240
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		48%
Cost		**25%**			
1	Estimated Costs*	20%			40

Countywide Facilities?

	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*1*	*75*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	5	100
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	360
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		72%
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs					
SUITABILITY		**30%**		84%	420
RISK REDUCTION		**45%**		48%	240
COST		**25%**		72%	360
TOTAL		**100%**			**1020**

Project Name		McKay Creek Water Quality Improvements near Hickory			
Submitted by:		Pinellas County			
Project Cost:		$1,000,000			
Project Description: (The description should include those threats the project is to address and identify a NEED.)		Construct two stormwater ponds to provide water quality, flood protection, and erosion and sedimentation control near McKay Creek at Hickory Dr.			
Potential Funding Sources:		Penny for Pinellas, FDOT			
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**		
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	3	120
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	5	50
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	420
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		84%
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	1	15
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	3	45
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50
6	Number of People to Benefit from this Project	15%	**5 - High:** More than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low:** Fewer than 10,000 people.	1	15
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	210
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		42%
Cost		**25%**			
1	Estimated Costs*	20%			70

Fiscal Year of Implementation?

	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*3*	*225*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	5	100
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	390
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		78%
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs					
SUITABILITY		**30%**		84%	420
RISK REDUCTION		**45%**		42%	210
COST		**25%**		78%	390
TOTAL		**100%**			**1020**

Project Name	Tie-down Re-Elevation of Town Hall / EOC
Submitted by:	Redington Shores / Emergency Management
Project Cost:	$2,150,000
Project Description: (The description should include those threats the project is to address and identify a NEED.)	Hardening of a Critical Facility for all hazards, Town Hall / EOC updates to elevate and underpin existing structure for Coastal High Hazard AE zone located at 17425 Gulf Boulevard, Redington Shores
Potential Funding Sources:	EMPATF; HMGP; PDM Programs

	Parameter	Weighting Factor	Scoring Criteria	Score	Points	
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**			
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200	Changed from 3 to 5
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75	Changed from 3 to 5
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30	Changed from 5 to 3
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50	
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	480	
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		96%	
Risk Reduction		**45%**				
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	5	75	Changed from 1 to 5
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35	
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75	Changed from 1 to 5
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50	
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50	
6	Number of People to Benefit from this Project	15%	**5 - High:** More than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low:** Fewer than 10,000 people.	1	15	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	300	
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		60%	
Cost		**25%**				
1	Estimated Costs*	20%			30	

	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*1*	*75*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*3*	*75*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	3	30
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	3	30
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	3	60
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	270
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		54%
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs					
SUITABILITY		**30%**		96%	480
RISK REDUCTION		**45%**		60%	300
COST		**25%**		54%	270
TOTAL		**100%**			**1050**

Final score increased

						Review Comments
Project Name		Electric / Roll-up Impact Shutters for Town Hall / EOC				
Submitted by:		Redington Shores / Emergency Management				
Project Cost:		$50,000				
Project Description: (The description should include those threats the project is to address and identify a NEED.)		Hardening of a Critical Facility for all hazards, Town Hall / EOC updates to existing building for expedited response to emergency by reducing labor commitment, also upgraded Wind & Impact Load design to meet current codes. Located 17425 Gulf Blvd.				
Potential Funding Sources:		EMPATF; HMGP; PDM Programs				
	Parameter	**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**	
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**			
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200	changed from 3 to 5
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75	changed from 3 to 5
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30	changed from 5 to 3
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50	
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	480	
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		96%	
Risk Reduction		**45%**				
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	5	75	changed from 1 to 5
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35	
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75	changed from 1 to 5
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50	
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50	
6	Number of People to Benefit from this Project	15%	**5 - High:** More than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low:** Fewer than 10,000 people.	1	15	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	300	
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		60%	
Cost		**25%**				

1	Estimated Costs*	20%			90
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*5*	*375*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*3*	*75*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	3	30
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	3	30
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	3	60
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	330
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		66%
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs					
SUITABILITY		**30%**		96%	480
RISK REDUCTION		**45%**		60%	300
COST		**25%**		66%	330
TOTAL		**100%**			**1110**

score increased

Review Comments

Project Name		Beach Erosion Management Plan			
Submitted by:		Redington Shores / Preservation Open Space Areas			
Project Cost:		$150,000			
Project Description: (The description should include those threats the project is to address and identify a NEED.)		Provide for development of program, plans and codes to implement a Town Shorline protection and mitigation project to expand existing dune systems and walkovers.			
Potential Funding Sources:		CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning			
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**		
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	3	120
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	3	45
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	5	50
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	390
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		78%
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	1	15
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	1	15
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50
6	Number of People to Benefit from this Project	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	1	15
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	180
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		36%
Cost		**25%**			

Changed from 35 to 3

1	Estimated Costs*	20%			60
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*3*	*225*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*3*	*75*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	3	30
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	3	30
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	3	60
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	300
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		60%
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs					
SUITABILITY		**30%**		78%	390
RISK REDUCTION		**45%**		36%	180
COST		**25%**		60%	300
TOTAL		**100%**			**870**

Score decreased

Review Comments

Project Name		Oak Street and Gandy Blvd Storm Drainage Improvments			
Submitted by:		St. Petersburg			
Project Cost:		$1,000,000			
Project Description: (The description should include those threats the project is to address and identify a NEED.)		Increase draiange capacity in the area of Oak Street NE and Gandy Blvd			
Potential Funding Sources:		Local - City and County			
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**		
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	5	50
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	500
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		100%
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	1	15
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50
6	Number of People to Benefit from this Project	15%	**5 - High:** More than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low:** Fewer than 10,000 people.	1	15
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	240
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		48%
Cost		**25%**			

Changed from 3 to 5

1	Estimated Costs*	20%			70	
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*3*	*225*	
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*	
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	5	200	
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50	Changed from unscored to 5
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50	Changed from unscored to 5
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	3	60	changed from unscored to 3
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	430	
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		86%	
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs						
SUITABILITY		**30%**		100%	500	
RISK REDUCTION		**45%**		48%	240	
COST		**25%**		86%	430	
TOTAL		**100%**			**1170**	Score increased

Initiative Being Scored:	Safety Harbor Fire Department 14/15				
Name of Applicant:	City of Safety Harbor				
Project Cost:	$60,000				
Project Description:	Replace Vehicle 800 (Serves as Shift Commander/Incident Command and serves the community in disasters)				
Potential Funding Sources:	Fed., State., Local				

WITHDRAWN BY CITY

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Suitability		**30%**			
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	3	120
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	400
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		80%

changed from 5 to 3

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits all municipalities and the unincorporated area, directly or indirectly. **3 - Medium:** Benefits more than half but not all of the municipalities and/or the unincorporated area. **1 - Low:** Benefits less than half of the municipalities and/	1	15
2	Potential to Save Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	1	15
4	Level of Inconveniece or "Nuisance Factor"	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50
5	Economic Effect or Loss	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	3	30
6	Number of People to Benefit	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	3	45
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	190
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		38%

changed from 5 to1

changed from 5 to1

changed from 5 to1

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Cost		**25%**			
1	Estimated Costs*	20%			100
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*5*	*375*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*

2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	5	200
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	3	30
5	Repetitive Damages Corrected	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	400
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		80%

* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs

SUITABILITY	**30%**		80%	400	
RISK REDUCTION	**45%**		38%	190	
COST	**25%**		80%	400	
TOTAL	**100%**			**990**	Score decreased

Initiative Being Scored:	Safety Harbor Fire Department Fire Boat 14/15				
Name of Applicant:	City of Safety Harbor				
Project Cost:	$150,000				
Project Description:	Replace Fire Boat				
Potential Funding Sources:	Fed., State., Local				

WITHDRAWN BY CITY

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Suitability		**30%**			
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	480
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		96%

	Parameter	Weighting Factor	Scoring Criteria	Score	Points	
Risk Reduction		**45%**				
1	Scope of Benefits	15%	**5 - High:** Benefits all municipalities and the unincorporated area, directly or indirectly. **3 - Medium:** Benefits more than half but not all of the municipalities and/or the unincorporated area. **1 - Low:** Benefits less than half of the municipalities and/	1	15	changed from 5 to 1
2	Potential to Save Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35	changed from 5 to 1
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	1	15	changed from 5 to 1
4	Level of Inconveniece or "Nuisance Factor"	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50	
5	Economic Effect or Loss	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50	
6	Number of People to Benefit	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	3	45	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	210	
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		42%	

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Cost		**25%**			
1	Estimated Costs*	20%			60
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*3*	*225*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*3*	*75*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120

3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	3	30
5	Repetitive Damages Corrected	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	280
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		56%

* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs

SUITABILITY	**30%**		96%	480
RISK REDUCTION	**45%**		42%	210
COST	**25%**		56%	280
TOTAL	**100%**			**970**

Score decreased

Initiative Being Scored:	Safety Harbor Fire Station #52 14/15				WITHDRAWN BY CITY
Name of Applicant:	City of Safety Harbor				
Project Cost:	$90,000				
Project Description:	Replace roof on Fire Station #52				
Potential Funding Sources:	Fed., State., Local				

	Parameter	Weighting Factor	Scoring Criteria	Score	Points	
Suitability		**30%**				
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	3	120	changed from 5 to 3
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75	
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30	
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50	
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	400	
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		80%	

	Parameter	Weighting Factor	Scoring Criteria	Score	Points	
Risk Reduction		**45%**				
1	Scope of Benefits	15%	**5 - High:** Benefits all municipalities and the unincorporated area, directly or indirectly. **3 - Medium:** Benefits more than half but not all of the municipalities and/or the unincorporated area. **1 - Low:** Benefits less than half of the municipalities and/	3	45	changed from 5 to 3
2	Potential to Save Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	5	175	
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75	
4	Level of Inconveniece or "Nuisance Factor"	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50	
5	Economic Effect or Loss	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	3	30	
6	Number of People to Benefit	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low:** Fewer than 10,000 people.	3	45	changed from 5 to 3
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	420	
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		84%	

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Cost		**25%**			
1	Estimated Costs*	20%			100
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*5*	*375*

	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	3	30
5	Repetitive Damages Corrected	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	320
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		64%

* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs

SUITABILITY	**30%**		80%	400	
RISK REDUCTION	**45%**		84%	420	
COST	**25%**		64%	320	
TOTAL	**100%**			**1140**	score decreased

Initiative Being Scored:	Fire Department Equipment 16/17					Review Comments
Name of Applicant:	City of Safety Harbor					
Project Cost:	$150,000					
Project Description:	Self Contained Breathing Apparatus					
Potential Funding Sources:	Fed., State., Local					
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**	
Suitability		**30%**				
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	1	40	changed from 5 to 1
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75	
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30	changed from 5 to 3
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50	
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	320	
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		64%	
Risk Reduction		**45%**				
1	Scope of Benefits	15%	**5 - High:** Benefits all municipalities and the unincorporated area, directly or indirectly. **3 - Medium:** Benefits more than half but not all of the municipalities and/or the unincorporated area. **1 - Low:** Benefits less than half of the municipalities and/	3	45	changed from 5 to 3
2	Potential to Save Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	5	175	
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75	
4	Level of Inconveniece or "Nuisance Factor"	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50	
5	Economic Effect or Loss	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50	
6	Number of People to Benefit	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	1	15	changed from 5 to 1
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	410	
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		82%	
Cost		**25%**				
1	Estimated Costs*	20%			70	
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*3*	*225*	

	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	3	30
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	3	30
5	Repetitive Damages Corrected	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	270
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		54%

* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs

SUITABILITY	**30%**		64%	320
RISK REDUCTION	**45%**		82%	410
COST	**25%**		54%	270
TOTAL	**100%**			**1000**

score decreased

Initiative Being Scored:	Public Works Generator (budgeted for 2017/18)				
Name of Applicant:	City of Safety Harbor				
Project Cost:	$50,000				
Project Description:	Replace portable Generator #620				
Potential Funding Sources:	Local				

Review comments

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Suitability		**30%**			
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	480
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		96%

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits all municipalities and the unincorporated area, directly or indirectly. **3 - Medium:** Benefits more than half but not all of the municipalities and/or the unincorporated area. **1 - Low:** Benefits less than half of the municipalities and/	3	45
2	Potential to Save Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	5	175
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75
4	Level of Inconveniece or "Nuisance Factor"	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50
5	Economic Effect or Loss	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50
6	Number of People to Benefit	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	3	45
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	440
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		88%

Cost	**25%**	

1	Estimated Costs*	20%			100
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*5*	*375*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50
5	Repetitive Damages Corrected	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	3	60
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	380
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		76%

* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs

SUITABILITY	**30%**		96%	480
RISK REDUCTION	**45%**		88%	440
COST	**25%**		76%	380
TOTAL	**100%**			**1300**

Initiative Being Scored:	Cypress Hollow Lift Station			Review Comments
Name of Applicant:	City of Safety Harbor			
Project Cost:	$60,000			
Project Description:	Complete renovation of Sanitary Sewer Liftstation			
Potential Funding Sources:	Local			

	Parameter	Weighting Factor	Scoring Criteria	Score	Points
Suitability		**30%**			
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	5	50
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	500
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		100%

Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits all municipalities and the unincorporated area, directly or indirectly. **3 - Medium:** Benefits more than half but not all of the municipalities and/or the unincorporated area. **1 - Low:** Benefits less than half of the municipalities and/	3	45
2	Potential to Save Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	5	175
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75
4	Level of Inconveniece or "Nuisance Factor"	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50
5	Economic Effect or Loss	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50
6	Number of People to Benefit	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	3	45
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	440
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		88%

Cost		**25%**				
1	Estimated Costs*	20%			90	
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*5*	*375*	
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*3*	*75*	changed from 5 to 3
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120	

3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50	
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50	
5	Repetitive Damages Corrected	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20	changed from 3 to 1
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	330	
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		66%	

* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs

SUITABILITY	**30%**		100%	500	
RISK REDUCTION	**45%**		88%	440	
COST	**25%**		66%	330	
TOTAL	**100%**			**1270**	score decreased

Initiative Being Scored:		Harbor Woods Lift Station Repair				Review Comments
Name of Applicant:		City of Safety Harbor				
Project Cost:		$75,000				
Project Description:		Complete renovation of sanitary sewer lift station				
Potential Funding Sources:		Local				

	Parameter	Weighting Factor	Scoring Criteria	Score	Points	Review Comments
Suitability		**30%**				
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200	
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75	
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	5	50	
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50	
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	500	
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		100%	
Risk Reduction		**45%**				
1	Scope of Benefits	15%	**5 - High:** Benefits all municipalities and the unincorporated area, directly or indirectly. **3 - Medium:** Benefits more than half but not all of the municipalities and/or the unincorporated area. **1 - Low:** Benefits less than half of the municipalities and/	3	45	
2	Potential to Save Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	5	175	
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75	
4	Level of Inconveniece or "Nuisance Factor"	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50	
5	Economic Effect or Loss	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50	
6	Number of People to Benefit	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	3	45	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	440	
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		88%	
Cost		**25%**				
1	Estimated Costs*	20%			90	
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*5*	*375*	
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*3*	*75*	changed from 5 to 3
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120	

3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50	
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50	
5	Repetitive Damages Corrected	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20	changed from 3 to 1
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	330	
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		66%	

* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs

SUITABILITY	**30%**		100%	500	
RISK REDUCTION	**45%**		88%	440	
COST	**25%**		66%	330	
TOTAL	**100%**			**1270**	score decreased

Initiative Being Scored:		South Bayshore Lift Station and Generator				Review Comments
Name of Applicant:		City of Safety Harbor				
Project Cost:		$125,000				
Project Description:		Complete renovation of Sanitary Sewer Liftstation and generator				
Potential Funding Sources:		Local				
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**	
Suitability		**30%**				
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200	
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75	
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	5	50	
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50	
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	500	
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		100%	

Risk Reduction		**45%**				
1	Scope of Benefits	15%	**5 - High:** Benefits all municipalities and the unincorporated area, directly or indirectly. **3 - Medium:** Benefits more than half but not all of the municipalities and/or the unincorporated area. **1 - Low:** Benefits less than half of the municipalities and/	3	45	
2	Potential to Save Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	5	175	
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75	
4	Level of Inconveniece or "Nuisance Factor"	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50	
5	Economic Effect or Loss	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50	
6	Number of People to Benefit	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	3	45	
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	440	
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		88%	

Cost		**25%**				
1	Estimated Costs*	20%			60	
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*3*	*225*	
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*3*	*75*	changed from 5 to 3

2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120	
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50	
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50	
5	Repetitive Damages Corrected	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20	changed from 3 to 1
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	300	
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		60%	

* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs

SUITABILITY	**30%**		100%	500	
RISK REDUCTION	**45%**		88%	440	
COST	**25%**		60%	300	
TOTAL	**100%**			**1240**	score decreased

Review Comments

Project Name		Northfield Manor Drainage Project			
Submitted by:		City of Pinellas Park			
Project Cost:		$4,125,000			
Project Description: (The description should include those threats the project is to address and identify a NEED.)		Install drainage in a 30 acre area, directly affecting 289 lots and approximately 675 persons. The area was developed without modern stormwater facilities prior to annexation. It has an inadequate and antiquated drainage infrastructure. NEED: Mitigate the threat of flooding./4.			
Potential Funding Sources:		Infrastructure Sales Tax			
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**		
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	5	50
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	500
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		100%
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	1	15
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	3	105
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	3	30
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50
6	Number of People to Benefit from this Project	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	1	15
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	290
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		58%
Cost		**25%**			
1	Estimated Costs*	20%			40

changed from 3 to 5

	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*1*	*75*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	280
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		56%
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs					
SUITABILITY		**30%**		100%	500
RISK REDUCTION		**45%**		58%	290
COST		**25%**		56%	280
TOTAL		**100%**			**1070**

changed from 55 to 5

score decreased

Project Name		Storm Hardening Preparedness Study			
Submitted by:		City of Pinellas Park			
Project Cost:		$25,000			
Project Description: (The description should include those threats the project is to address and identify a NEED.)		Consultant Study to evaluate hardening structures to protect significant City infrastructure or equipment, or structures which serve a vital function in service delivery or response & recovery. NEED: Community protection from all hazards/4.			
Potential Funding Sources:		Infrastructure Sales Tax			
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**		
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	3	120
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	400
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		80%
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	5	75
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	5	175
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	5	75
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	3	30
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	1	10
6	Number of People to Benefit from this Project	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	3	45
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	410
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		82%
Cost		**25%**			
1	Estimated Costs*	20%			100

	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*5*	*375*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	3	120
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	5	50
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	340
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		68%
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs					
SUITABILITY		**30%**		80%	400
RISK REDUCTION		**45%**		82%	410
COST		**25%**		68%	340
TOTAL		**100%**			**1150**

Review Comments

Project Name		Emergency Generator			
Submitted by:		Treasure Island			
Project Cost:		$56,400			
Project Description: (The description should include those threats the project is to address and identify a NEED.)		mobile emergency generator to be used at lift station in case of a power outage			
Potential Funding Sources:		Capitalization grants for clean water ,state revoving funds, FMAP, HMGP, Nonpoint Source Implementation Grants, HMGP Planning			
Parameter		**Weighting Factor**	**Scoring Criteria**	**Score**	**Points**
Suitability		**30%**	**The scores 1 thru 5 indicates the outside range of the spectrum. The numbers 1 & 2 can also be used.**		
1	Appropriateness of the Project	40%	**5 - High:** Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth. **3 - Medium:** Needed, but does not tie to identified vulnerability. **1 - Low:** Inconsistent with LMS goals or plans.	5	200
2	Community Acceptance	15%	**5 - High:** Accepted by most communities. **3 - Medium:** Accepted by most; may create some burdens. **1 - Low:** Not likely to be accepted by any community ("The not in my backyard" theory).	5	75
3	Environmental Impact	10%	**5 - Positive effect** on the environment. **3 - No effect -** environmentally neutral. **1 - Adverse effect** on the environment.	3	30
4	Consistent with Existing Legislation and/or Policies	10%	**5 - High:** Consistent with existing laws and policies. **3 - Medium:** New legislation or policy changes needed, but no conflicts identified. **1 - Low:** Conflicts with existing laws, regulations and/or policies.	5	50
5	Consistent with Existing Plans and Priorities	25%	**5 - High -** Consistent with existing plans and priorities. **3 - Medium -** Somewhat consistant with currant plans and priorities. **1 - Low -** Conflicts with existing plans and priorities. Does not fit in with identified initiatives.	5	125
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	480
Suitability subtotal			(sum of parameter scores) / (maximum possible score)		96%
Risk Reduction		**45%**			
1	Scope of Benefits	15%	**5 - High:** Benefits the entire municipalitiy and other jurisdictions directly or indirectly. **3- Medium:** Benefits more than half the municipality or other jurisdictions area. **1- Low**: Benefits less than half the municipality.	1	15
2	Potential to Save or Protect Human Lives	35%	**5 - High:** More than 1,000 lives. **3 - Medium:** Up to 1,000 lives. **1 - Low:** No lifesaving potential.	1	35
3	Importance of Benefits	15%	**5 - High:** Needed for essential services. **3 - Medium:** Needed for other services. **1 - Low:** No significant implications.	3	45
4	Level of Inconveniece or "Nuisance Factor" Caused by the Project	10%	**5 - None:** Causes few problems. **3 - Moderate:** Most major problems avoided. **1 - Significant:** Causes much inconvenience (e.g., traffic jams, loss of power, delays).	5	50
5	Economic Effect or Loss Caused by the Project	10%	**5 - Minimal** economic loss (little effect during project). **3 - Moderate** economic loss (minimum disruption). **1 - Significant** economic loss (businesses closed, jobs affected, etc.).	5	50
6	Number of People to Benefit from this Project	15%	**5 - High: M**ore than 100,000 people. **3 - Medium:** 10,000 to 100,000 people. **1 - Low: F**ewer than 10,000 people.	1	15
	Parameter Subtotal	100%	**sum of parameter scores; max =**	500	210
Risk Reduction Subtotal			(sum of parameter scores) / (maximum possible score)		42%
Cost		**25%**			

changed from 5 to 3

changed from 1 to 5

1	Estimated Costs*	20%			100
	i. Initial Cost	*75%*	**5 - Low:** $0 to $100,000. **3 - Moderate:** $100,001 to $1 million. **1 - High:** More than $1 million.	*5*	*375*
	ii. Maintenance/Operating Costs	*25%*	**5 - Low** costs **3 - Moderate** costs **1 - High** costs	*5*	*125*
2	Benefit to Cost Ratio	40%	**5 - High:** Ratio is greater than 4 to 1. **3 - Medium:** Ratio is between 1 to 1 and 4 to 1. **1 - Low:** Ratio is less than 1 to 1.	5	200
3	Financing availability	10%	**5 - Good:** Readily available through grants or other funding sources. **3 - Moderate:** Limited grant or matching funds available. **1 - Poor:** No funding sources or matching funds are identified.	1	10
4	Affordability	10%	**5 - Good:** Project is easily affordable. **3 - Moderate:** Project is somewhat affordable. **1 - Poor:** Project is very costly for the jurisdiction.	5	50
5	Repetitive Damages Corrected (Repetitive Damages and Loss in this case is NOT the same as a Repetitive Loss as in the CRS program)	20%	**5 - High:** Alleviates repetitive loss. Property must have been damaged in the past by a disaster event. **3 - Medium:** Repetitive loss may have occurred but was not documented. **1 - Low:** No effect on repetitive loss.	1	20
	Parameter Subtotal	100%	**sum of parameter scores: max =**	500	380
Cost Subtotal			(sum of parameter scores) / (maximum possible score)		76%
* Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs					
SUITABILITY		**30%**		96%	480
RISK REDUCTION		**45%**		42%	210
COST		**25%**		76%	380
TOTAL		**100%**			**1070**

score increased

UPDATED APPENDIX 9, LISTED BY SCORING

Pinellas County Local Mitigation Strategy

New Projects, 2016

Projects to be deleted

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.
1710	Treasure Island	Citywide Seawall Assessment and Repair for Locations NOT listed as a separate project (street ends, etc)	Seawall repair/replacement. Estimated completion time: more than 12 months. / 4	$630,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG
1350	Largo/Fire Rescue	Fire Station Hardening Program	All City of Largo fire stations (38, 39, 40, 41, & 42) are in need of apparatus bay doors which have been designed to withstand hurricane force winds. At this time, no fire station in the city is provided with complete and adequate protection. Such retrofitting will assist with insuring personnel safety and immediate emergency response following a hurricane event. These stations are part of the fire department automatic aid program within the county. This project is not part of the approved CIP. /4	$216,000	>FY16 (Unfunded)	
1350	Largo/Fire Rescue	Radio Upgrades	The project will upgrade the fire department's communication system to the national interoperability standard and will enable outside agencies to access the city's system in the event of an emergency. This equipment is essential to response and recovery efforts during a man-made and/or natural disaster. These radios are on fire apparatus which are part of the fire department automatic aid program within the county. This project is part of the approved CIP. /4	$230,000	FY13	General (Local) fund and County
1340	PC Public Works	Joes Creek Watershed Management Plan	Evaulate drainage patterns withing Joes Creek watershed; identify flooding locations; develop BMPs to address the issues	$500,000	FY2014 - FY2016	Surface Water Assessment and SWFWMD Grant

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.
1320	Safety Harbor	Baytowne West Lift Station	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$60,000	FY20/21	unfunded
1320	Safety Harbor	Highlands Lift Station	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$60,000	FY18/19	Local
1320	Safety Harbor	North Bayshore Lift Station	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$60,000	FY18/19	Local
1320	Safety Harbor	Amber Glades Lift Station Repair	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$120,000	FY 15/16	Local
1320	St. Petersburg/ Public Works	EOC	Design construct and equip a municipal Emergency Operations Center Facility/4	$3,500,000	Currently Unfunded	Penney for Pinellas/Local
1320	St. Petersburg/ Public Works	EOC	Design construct and equip a municipal Emergency Operations Center Facility/4	$3,500,000	Currently Unfunded	Penney for Pinellas/Local
1290	Largo/Fire Rescue	Fire Station 42 Replacement Program	Within the next five years, station 42 will need to be rebuilt as it is approaching the end of its useful life. In addition, the building does not meet current NFPA life safety standards or the latest hurricane design features. This station is part of the fire department automatic aid program within the county. This project is part of the approved CIP, however, the time frame has been updated. /4	$5,000,000	<FY16 (Unfunded)	Local Option Sales Tax (LOST)
1290	Largo/Fire Rescue	Fire Station 38 Replacement Program	Within the next fifteen years, station 38 will need to be rebuilt as it is approaching the end of its useful life. In addition, the building does not meet current NFPA life safety standards or the latest hurricane design features. This station is part of the fire department automatic aid program within the county. This project is part of the approved CIP. /4	$5,000,000	>FY16 (Unfunded)	LOST

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.
1290	Treasure Island	Stormwater Interceptor project in Sunset Beach and rehabilitiation of underdrain system at lots 2 and 3 and nearby areas/ 4	At lots 2 and 3 and nearby areas	$2,780,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; SWFWMD Cooperative Funding, Nonpoint Source Implementation Grants
1270	Safety Harbor	Cypress Hallow Lift Station Repair	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$60,000	FY18/19	Local
1270	Safety Harbor	Harbor Woods Lift Station Repair	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$75,000	FY19/20	Local
1270	Treasure Island	Replacement of City Hall and seawall rehabilitation	Harden critical municipal facilities - Admin, Fire, Police Estimated completion time: more than 12 months. / 2	$8,000,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG; FMAP
1255	PC Planning and Development Review Services	Sea Level Rise Vulnerability Assessment	Pinellas County Sea Level Rise Vulnerability Assessment and Adaptation Strategies / 3	$350,000	FY 2016	TBD
1250	Indian Rocks Beach / Public Services	Stormwater Drainage	Reconstruction of small basin stormwater collection and discharge facilities as required by NPDES. All city facilities should be updated by 2017, the end of a 15 year effort and thereby in compliance with NPDES regulations. /4	$394,000	18 to 24 months/ Currently Unfunded	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

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.
1250	Largo/Police Dept.	Dispatch Center Upgrades	The project will upgrade the Largo Police Department's communication system to the national interoperability standard and will enable outside agencies to access the city's system in the event of an emergency. This communication's center is utilized during a man-made and/or natural disaster. This project is part of the approved CIP. /4	$239,000	FY12-FY16	General Fund (Local
1250	Safety Harbor **(Completed)**	Hardening FS#52	Install impact-resistant windows, door, and garage doors at FS#52. /2	$110,000	Underway	Federal, State, Local
1250	Safety Harbor **(Completed)**	Hardening Safety Harbor EOC	Install impact-resistant windows, and door at FS#53 EOC. /2	$15,000	Underway	Federal, State, Local
1240	Safety Harbor	South Bayshore Lift Station and Generator	Complete Renovation of Sanitary Sewer Lift Station. / 1,2	$125,000	FY15/16	Local
1230	Pinellas Park	Garnett & North Disston Subdivisions - 40 acre +/- tract situated between 82nd Ave, 86th Ave & 46th St , 49th St	Install a stormwater collection and conveyance system in a subdivision originally develped in the 1960's and 70's. This would eliminate issues of localized flooding and dangerous stormwater inlets. /1	$4,028,386	Funded	Funding for the current phase is from a combination of funding sources including SWFWMD, FDOT & local coffers.
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

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.
1190	Indian Rocks Beach	Dune Walkovers	Existing /old walkovers hinder growth of vegetation and hinder proper dune protection. Project will transition from step to low profile walkovers to elevated walkovers that will promote growth of vegetation into mature dunes. The locations are the 6th Ave., 17th Ave., and 22nd Ave Dune Walkover Projects. 3	$114,000	Currently Unfunded	FDEP; Pinellas County Coastal Management; Penny for Pinellas
1190	St. Petersburg/ Public Works	Snell Isle & Raphael Blvd NE Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$3,400,000	FY15 - FY18	Penney for Pinellas/Local
1190	St. Petersburg/ Public Works	94th Ave. at Tinney Creek Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$1,500,000	FY14 - FY18	Penney for Pinellas/Local
1190	St. Petersburg/ Public Works	Snell Isle & Raphael Blvd NE Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$3,400,000	FY15 - FY18	Penney for Pinellas/Local
1190	St. Petersburg/ Public Works	94th Ave. at Tinney Creek Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$1,500,000	FY14 - FY18	Penney for Pinellas/Local
1180	Safety Harbor	City Hall Window Replacement	Replace City Hall windows with wind resistent / impact resistent product. /2	$150,000	FY16/17	Local
1180	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	$60K	Currently Unfunded	CDBG, HUD
1170	Indian Rocks Beach / Public Services	Stormwater Reconstruction	Implementation of Best management Practices in the 6th Ave Drainage Basin. /4	$160,000	Currently Unfunded	Local Option Sales Tax Fund Capital Project; Capitalization grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants

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.
1170	Largo	LMC Roof Replacement and Hardening	In response to a facility study, the City of Largo needs to replace its existing roof systems on both the city hall and police station as well as provide structural hardening of both facilities for hurricane-survivability. This project is part of the approved CIP. /4	$5,700,000	FY12/13	General (Local) fund and LOST
1170	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
1160	Clearwater / Stormwater	Hillcrest Avenue Bypass Culvert	1. Installation of 2000 LF of 6.5' X 11' box culvert. Model results provide flood relief for 47 homes adjacent to creek.	$4,000,000	Currently in design but construction is unfunded	CITY OF CLEARWATER CIP/ STROMWATER UTILITY FUND
1160	Largo/Public Works - Streets & Drainage	Road Clearing Equipment	In the event of a hurricane or other disaster where the city is required to clear major streets, the city's current equipment is insufficient. The City of Largo is requesting multiple plow attachments that can be deployed in the event of a disaster. This project is part of the approved CIP. /4	$80,000	FY13	General Fund (Local
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
1160	PC EMS/Fire Adm.	Roofing ComCen and Radio Room	Replace roof on comms center and adjoining radio room. Estimated completion time: more than 12 months. / 4	$150,000	Currently Unfunded	TBD
1155	Gulfport	Hardening of Critical Facilities	Install window protection devices and storm-resistant exterior doors in the City's lift stations. Estimated completion time; less than 12 months. / 2	$7,000	Currently Unfunded	EMPATF, HMGP; PDM Program; Municipal Funding
1155	PC EMS/Fire Adm.	A/C Radio Room	Replace A/C for radio & server rooms. Estimated completion time: more than 12 months. / 4	$300,000	Currently unfunded	
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

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.
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
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
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
1150	PC Public Works	Span Wire Intersection Replacement Program	Replacement of 24 existing span wire intersectons with mast arms. Intersections are along major evacuation routhes throughout Pinellas County. Approx $240k per intersection. Estimated completion time: more than 12 months. / 4	$5.8 million	Unfunded	Seeking Pre-Disaster Mitigation Program grant funds
1150	Pinellas Park /Public Worlks	Sorm Hardening Preparedness Study	Consultant study to evaluate hardening structures for Public Works equipment protection / 4	$25,000	12 Months / FY2015-2016	Infrastructure Sales Tax
1130	Gulfport	Fire Station/ EOC Generator	Replace aging generator for the Fire Station/EOC. Estimated completion time: less than 12 months. / 4	$50,000	Currently Unfunded	EMPATF
1130	PC Public Works	Stormwater Conveyance System Improvement Program (921321)	Replace/reline inadequate or deteriorating stormwater conveyance systems county wide. Estimated completion time: more than 12 months. / 1	$34,225,000	FY2015 - FY2024 In Progress	Penny for Pinellas
1130	St. Petersburg/ Public Works	4th St & 14th Ave N to Cresent Lake Storm Drainage Improvements	Design and construct larger conveyance piping to reduce street flooding 1 & 3	$1,900,000	FY 15 - 19	Penney for Pinellas/Local
1130	St. Petersburg/ Public Works	4th St & 14th Ave N to Cresent Lake Storm Drainage Improvements	Design and construct larger conveyance piping to reduce street flooding	$1,900,000	FY 15 - 19	Penney for Pinellas/Local

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.
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
1120	PC Public Works	Cross Bayou Improvements	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	$6,770,000	FY2014 - FY2019	Penny for Pinellas
1110	Redington Shores / Emergency Management	Electric Roll-Up Impact Shutters 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.	$50,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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
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
1090	PC Public Works	118th Avenue Expressway (1618)	Build east-west evacuation route parallel to Ulmerton Rd. Estimated completion time: more than 12 months. / 4	$37,926,500	FY2012 - FY2017	Penny for Pinellas
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
1070	Pinellas Park /Public Worlks	Northfield Manor Subdivision Drainage Improvements	Improve drainage in a 30 acre area: 102nd Avenue from 60th Street to 62nd Street / 1	$4,125,000	36 to 48 months Design FY 2016-2017 Construction FY2017-2018 and 2018-2019	Infrastructure Sales Tax

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.
1070	Treasure Island	Emergency Generator	Mobile emergency generator to be used at lift stations during a power outage/ 4	$56,000	18 to 24 months/ Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds: CDBG;FMAP;HMGP Nonpoint Source Implementation Grants; HMGP Planning
1060	Lealman SFCD / Emergency Management	Fire Station #18 EOC Hardening	Harden by installing rolldown shutters, 5 double doors, 3 single doors and 16 windows. Estimated completion time: more than 12 months. / 2	$36,500	Currently Unfunded	
1060	Pinellas Park/ Public Works	72nd Ave. Channel Culverting	Install a stormwater culvert at the headwaters of Pinellas Park Water Mgt. District Channel 3A to eliminate localized flooding. Additionally, this improvement would remove a hazard which when over t's banks can totally submerge a car and eliminate the opportunity for people and children to be caught up in moving waters. /1	$5,500,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program
1050	Clearwater / Stormwater	Salls Lake Park Stormwater Improvements	1 (Stormwater improvements)	$300,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
1050	Indian Rocks Beach / Building Dept.	Flood Mitigation Buyout	Provide a grant of up to $15,000 per structure for the removal of noncompliant pre-FIRM structures. / 1	$150,000	Currently Unfunded	FMAP; HMGP; PDM Program
1050	Pinellas Park/ Public Works	Jan Cory Subdivision Drainage	Install a stormwater collection and conveyance system in a subdivision originally develped in the County In the 1960's and 70's. This would eliminate issues of localized flooding and dangerous stormwater inlets. /1	$3,365,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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1050	Redington Shores / Emergency Management	Flood proofing, Tie - Down 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
1050	Safety Harbor **(Completed)**	PW Dewatering Pump	Double Diaphragm Pump used to well point and pump down ponds and flooded areas. /1	$18,000	FY14/15	Local
1045	Clearwater / Stormwater	East Gateway Stormwater Improvements	1 (Stormwater improvements)	$2M	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
1040	Clearwater / Engineering	Fire Station Retrofit	Harden mainland fire stations. Estimated completion time: more than 12 months. / 2	$200,000	Currently Unfunded	EMPATF, HMGP; PDM Program
1040	Tarpon Springs Housing Authority	Landscape Restroration	Trimming of Palm, Planting of Sod & Shrubs, Repair of Erosion and Control of Runoff	$52K	Currently Unfunded	CDBG, HUD
1040	Tarpon Springs Housing Authority	Door & Window Upgrades	Door & Window Replacements to meet current wind codes & to improve energy efficiency.	$90K	Currently Unfunded	CDBG, HUD
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
1030	Gulfport	Land Acquisition	Public purchase of properties that are floodprone 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
1030	Indian Rocks Beach / Public Services	Liftstatio Rehabilitiation	The City Indian Rocks Beach rehabilitates critical facility Lift Stations on a 10 year cycle for increased resiliency against flood waters and wind. All pumps, stands, discharge risers, valves, and slide rails are replaced /1	$179,000	Currently Unfunded	Local, SWFWMD Grant, EMPATF, HMGP, PDM Program,Capitalization Grants for Clean Water State Revolving Funds, CDBG, Non Point Source Implementation funds
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

Appendix 9 Mitigation Initiatives

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1030	Safety Harbor	Lower Mullet Creek Project	Design of the Lower Mullet Creek project. Water Quality and Flooding. /1,3,4	$300,000	12-18 months	unfunded
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
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
1025	Clearwater / Stormwater	Byram Ditch Bank Stabilization	3. Stabilization of approximately 1500LF of creek bank to protect against erosion.	$300,000	Currently in design but construction is unfunded	CITY OF CLEARWATER CIP/ STROMWATER UTILITY FUND
1020	Clearwater / Stormwater	Virginia Groves/Moccasin Lake Stormwater Improvements	1 (Stormwater improvements)	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
1020	PC Public Works	Roosevelt Channel 5 improvements	Various BMPs from the 1981 Watershed Master Plans, Removal of salinity barrier	$3,500,000	FY2015 - FY2019 In Progress	Penny for Pinellas
1020	PC Public Works	Pinellas County Stormwater Facilities (Countywide)	1,2,3	$1,170,000	FY2016-2018	Penny for Pinellas
1020	PC Public Works	McKay Creek Drainage/Hickory	1,2,3	$1,000,000	FY2015-2017	Penny for Pinellas/FDOT

Appendix 9 Mitigation Initiatives

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1020	Pinellas Park/ Public Works	Fairlawn Subdivision Drainage	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	$1,500,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program
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
1010	Clearwater / Stormwater	Druid Road Stormwater Improvements	1. Upgrade the existing sub-standard system within a 100 acre urban drainage basin.	$4,000,000	Currently in design but construction is unfunded	CITY OF CLEARWATER CIP/ STORMWATER UTILITY FUND
1010	Maderia Beach	850 Bay Point Dr	Mitigation of SRL Property 850 Bay Point Drive	$200,000	Unfunded	HMGP & Private
1010	Maderia Beach	822 Bay Point Dr	Mitigation of SRL Property 822 Bay Point Drive	$200,000	Unfunded	HMGP & Private
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.
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
1000	St. Petersburg/ Public Works	8th Ave. S. & 44th St. S. Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$4,500,000	FY15 - FY18	Penney for Pinellas/Local
1000	St. Petersburg/ Public Works	8th Ave. S. & 44th St. S. Storm Drainage Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$4,500,000	FY15 - FY18	Penney for Pinellas/Local
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 mitgiation. Estimated completion time; More than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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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
995	Bayfront Medical Center / St. Petersburg	Life Services Building Window, Door & Wall Hardening	The Life Services Building needs windows, doors and walls hardenned for ptoection against high wind veloctiy and severe weather events. Estmated completion time; more than 12 months. / 2	$1,000,000	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program
995	Gulfport	Thermal Imaging Camera	Purchase thermal imaging camera for post-storm search and rescue and hazard abatement. Estimated completion time: less than 12 months. / 4	$20,000	Currently Unfunded	EMPATF
995	Oldsmar / Public Works; Facilities	Harden/Retrofit City Hall	Replace windows at city hall. Estimated completion time: less than 12 months. / 2	$150,000	Currently Unfunded	FMAP; HMGP; PDMP
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
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
990	Indian Rocks Beach / Public Services	Small Generators	Purchase of 3 generators for emergency power. Estimated completion time: less than 12 months. / 4	$87,000	Currently Unfunded	
980	Bayfront Medical Center / St. Petersburg	Family Health Center Structural Hardeninig	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
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 veloctiy events. / 2	$3,070,827	Currently Unfunded	Emergency Management, Preparedness and Assistance Trust Fund, HMGP; PDM Program
980	Belleair / 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
980	Clearwater / Engineering	Municipal EOC	Construct an emergency operations center at 1700 N. Belcher Rd. Estimated completion time: more than 12 months. / 4	$1,000,000	Currently Unfunded	EMPATF, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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980	Lealman SFCD / Emergency Management	Fire Station #19 Secondary EOC Hardening	Harden by adding rolldown shutters, 4 single doors and 5 windows. Estimated completion time: more than 12 months. / 2	$12,700	Currently Unfunded	
980	Pinellas Park/ Public Works	Relocation or Construction of FS 34	Fire Station #34 at it's present location can not 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	Currently Unfunded	EMPATF, HMGP; PDM Program; & local funds
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
970	Clearwater / Stormwater	Elizabeth Pond Stormwater Improvements	1 (Stormwater improvements)	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
970	Clearwater / Stormwater	Clearwater Beach Ponds Stormwater Improvements	1 (Stormwater improvements)	$250,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
970	Dunedin / Public Works	City Hall Shutters	Install hurricane shutters on City Hall (542 Main Street). Estimated completion time: less than 12 months. / 2	$7,000	Currently Unfunded	EMPATF, HMGP; PDM Program
970	Dunedin / Public Works	Lift Station Elevation & Retrofit	Harden & upgrade 12 lift stations for waste water. Estimated completion time: more than 12 months. / 1	$300,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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
970	Indian Rocks Beach / Public Services	Small Basin Reconstruction	Rebuild small basin area to provide proper drainage and improve pedestrian and transportation safety. Estimated completion time: less than 12 months. / 1	$375,000	Currently Unfunded	Penny for Pinellas
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

Appendix 9 Mitigation Initiatives

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970	PC Emergency Commun.	Public Safety Radio & Data System (722)	Upgrade and enhancement of radio system and facilities. Conversion to Smart Zone technology and complete performance capabilities specified by the Police Standards Council' Tech. Adv. Group. /4	$17,500,000	FY2012 - FY2017	Pinellas for Pinellas; Moving Violation Fees
970	Pinellas Park / Public Works	Structure Hardening - Forbes Recreation Center	Harden the recreation center to be used for sheltering and operations during and after a storm event. Estimated completion time: more than 12 months. / 2	$775,000	Currently Unfunded	EMPATF, HMGP; PDM Program; & local funds
970	Pinellas Park/ Police & Fire Administration	PD & FD Headquarters Consolidation	To develop at one location a facility to house the Police & fire Administrations as well as provide for a central first responders EOC that will also serve as the secondary EOC for the City. The structure will be built to withstand natural threats, allow for a centralized communication facility, and reduce the cost and increase the efficiency of coordination between these entities. Existing facilites exhibit varing degrees of vulnerability to hurricanes and storm surge. The proposed area in which this facility would be located is currently under served and holds great potential for a serious event. /4	$12,580,000	Currently Unfunded	EMPATF, HMGP; PDM Program; & local funds
970	Redington Beach / Public Works	Repair intracoastal causeway seawalls	Repair and maintenance of intracoastal sea walls. Estimated completion time: more than 24 months. / 3	$175,000	Town Reserves	Town reserves
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;
970	Treasure Island	KingfishPark Seawall Rehabilitation	Repair/replace seawall : Estimated completion time: less than 12 months. / 3	$45,000	Currently Unfunded	EMPATF, HMGP; PDM Program; CDBG
960	Clearwater / General Services	Install Communications at Fire Training 48	Install radio tower at the new fire training building, install wireless comms, install backup radio communications. Estimated completion time: more than 12 months. / 4	$200,000	Currently unfunded	EMPATF, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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960	Clearwater / Stormwater	Channel E/Forest Wood Estates Stormwater Improvements	1 (Stormwater improvements)	$1,500,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
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	Funding by SWFWMD Grant and Town C.I.P. 2008-2009.	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning
960	St. Petersburg/ Public Works	MLK Street N. & Gateway Mall Stormwater Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$7,300,000	FY10 - FY16	Penney for Pinellas/Local
960	St. Petersburg/ Public Works	MLK Street N. & Gateway Mall Stormwater Improvements	Project will construct large conveyance piping to reduce street and property flooding. /1	$7,300,000	FY10 - FY16	Penney for Pinellas/Local
950	Clearwater / Stormwater	Channel G Flood Detention Area	1 (Stormwater improvements)	$20,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
950	Clearwater / Stormwater	Mango Avenue Stormwater Improvements (Bypass Culvert)	1. Upgrade the existing sub-standard system within a 24 acre suburban drainage basin.	$2,000,000	Currently in design but construction is unfunded	CITY OF CLEARWATER CIP/ STROMWATER UTILITY FUND
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
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	

Appendix 9 Mitigation Initiatives

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950	PC EMS/Fire Adm.	Hardening of Sunstar Communications Center	Harden north wall of communication center and enclose south alleyway. Estimated completion time: more than 12 months. / 2	$310,000	Currently Unfunded	TBD
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
945	Pinellas Park/ Public Works	Link 68th Street and Canal Street	Link 68th Street and Canal Street by installing a bridging system and connecting road approaches. This connection will afford secondary access and escape to two areas. The first being the western estension of 102nd Avenue which is the neighborhood of Cross Bayou Elementary School, Hospice of Pinellas Park, an ALF and a MHP. The other area is aindustrial subdivision which is currently only accessible from Bryan Dairy Road. This connection will provide a secondary point for fire and emergency vehicle access. /4	$750,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program
945	St. Petersburg / Water Resources Dept	Retrofit of Northwest Water Reclamation Facility	Harden exterior walls; provide proper deck attachment and beam ties to foundation; hurricane shutters; new roofing; add pilasters to screen block at carport; additional wall reinforcement. Estimated completion time: more than 12 months. / 2	$70,000	Currently Unfunded	HMGP and Local
945	St. Petersburg / Water Resources Dept	Retrofit of Northwest Water Reclamation Facility	Harden exterior walls; provide proper deck attachment and beam ties to foundation; hurricane shutters; new roofing; add pilasters to screen block at carport; additional wall reinforcement. Estimated completion time: more than 12 months. / 2	$70,000	Currently Unfunded	HMGP and Local
940	Clearwater / Stormwater	Channel C Treatment Pond Conversion (water quality)	1 (Stormwater improvements)	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund

Appendix 9 Mitigation Initiatives

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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
940	Indian Rocks Beach / Planning & Zoning Dept.	Beach Management Plan Implementation	Establish a dune and erosion control system using native vegetation. Estimated completion time: more than 12 months. / 3	$150,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning
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	Curently Unfunded	FMAP; HMGP; PDM Program
940	Pinellas Park / Public Works	Hardening - Public Works / Technical Services Building	Harden the Public Works/Technical Services Building for sheltering and operations. Estimated completion time: more than 12 months. / 2	$950,000	Currently Unfunded	HMGP, EMPATF, and local funds (ie Penny for Pinellas)
940	Tampa Bay Regional Planning Council / Pinellas County	Post-Storm Evaluation of the Regional Evacuation Study	Evaluate the evacuation study to identify any descrepancies 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
940	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

Appendix 9 Mitigation Initiatives

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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
930	Clearwater / Stormwater	Alligator Creek Channel Improvements	1 (Stormwater improvements)	$2,500,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
930	Clearwater / Stormwater	Channel H Stabilization	1, 3	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
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	
930	PC Public Works	Sun Seair MHP	Reduce flooding at the Sun Seair MHP through conveyance improvements and construction of a wet detention pond. Estimated completion time: more than 12 months	$1,075,000	FY2015 - FY2018 In Progress	Penny for Pinellas
930	St. Petersburg / Stormwater, Pavements and Traffic Operations Dept	Backflow Prevention Stormwater Vaults	Project design, permitting and construction of flood protection vaults for City repetitive loss neighborhood. 47 vaults are planned for installation. / 1	$2,855,000	FY16- FY18	PDM Program
930	St. Petersburg / Stormwater, Pavements and Traffic Operations Dept	Backflow Prevention Stormwater Vaults	Project design, permitting and construction of flood protection vaults for City repetitive loss neighborhood. 47 vaults are planned for installation. / 1	$2,855,000	FY16- FY18	PDM Program
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	Currently Unfunded– funded through Gulf Blvd. Beautification Project	EMPATF, HMGP; PDM Program Penny for Pinellas

Appendix 9 Mitigation Initiatives

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920	Dunedin / Public Works	Library Retrofit	Install hurricane shutters on Library Facility (223 Douglas). Estimated completion time: more than 12 months. / 2	$95,000	Currently funded with HMGP	EMPATF, HMGP; PDM Program
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	$4,000,000	Currently Unfunded	
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	$180,000	FY2012 - FY2017	Grant; Local funds; SWFWMD
920	PC Public Works	ATMS/ITS Countywide System Program (1501)	Construct County advanced traffic management system/intelligent transportation system for traffic control. Estimated completion time: more than 12 months. / 4	$4,250,000	FY2014 - FY2024	Penny for Pinellas/Local Option Gas Tax
920	Pinellas Park / Public Works	Hardening - Fire Station 35	Harden the station by stiffening the trusses and strapping them to the foundation, replacing garage doors, adding shutters, and replacing the roof. Estimated completion time: more than 12 months. / 2	$800,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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
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
910	Belleair Beach / Public Works	Stormwater Management	Stormwater repairs, improvements, and replacing curbwork. Replace valley curbs Estimated completion time: more than 12 months. / 1	$55,000	Currently Underway	Local Funds and SWFWMD Cooperative Funding Grant
910	Clearwater / Public Services	Hardened Public Works Crew Room	Provide shutters and door coverings; install generator for power backup. Estimated completion time: more than 12 months. / 2	$80,000	Currently unfunded	EMPATF, HMGP; PDM Program

Appendix 9 Mitigation Initiatives

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910	Clearwater / Stormwater	Channel C Conveyance Improvements	1 (Stormwater improvements)	$25,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
910	Kenneth City	Retrofit of Critical Facility	Install storm shutters on police department and city hall. Estimated completion time: more than 12 months. / 2	$46,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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
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
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 resistent. 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 (ie Penny for Pinellas)
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

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.
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
900	Largo	Public Works EOC Retrofit	Harden public works administration building. Estimated completion time: more than 12 months. / 2	$89,151	In process of work to begin, bidding on the job has been completed.	EMPATF, HMGP; PDM Program
900	Largo	Acquisition of Repetitive Loss Properties	Acquire repetitive loss properties along McKay and Allen's Creek. Estimated completion time: more than 12 months. / 1	$300,000	Ongoing, the city currently has 7 repetitive loss properties left.	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants
900	Largo	Critical Facilities Retrofit and Generators	Harden the Largo city hall, police, and EOC buildings. Estimated completion time: more than 12 months. / 2	$321,285	Currently Unfunded	EMPATF, HMGP; PDM Program
900	North Redington Beach / Public Works	Mobile Generators for Lift Stations	Procure 2 portable generators for secondary lift stations. Estimated completion time: less than 12 months. / 4	$15,000	Currently Unfunded	FMAP; HMGP; PDM Program
890	Madeira Beach	Critical Facilities Retrofit and Generators	Upgrade to secondary EOC. Estimated completion time: more than 12 months. / 4	$15,000	Currently Unfunded	FMAP; HMGP; PDM Program
890	Madeira Beach	Critical Facilities Retrofit and Generators	Harden city hall with emergency storm shutters. Estimated completion time: more than 12 months. / 2	$25,000	Currently Unfunded	EMPATF, HMGP; PDM Program
890	Madeira Beach	Stormwater Management	Install 20 flap valves to reduce tidal backup in storm drains. Estimated completion time: less than 12 months. / 1	$150,000	Currently Unfunded	FMAP; HMGP; PDM Program
890	Madeira Beach	Flood and Wind Retrofit of City Hall/ Public Works	Flood-proof existing city hall complex and harden the building. Estimated completion time: more than 12 months. / 1	$300,000	Currently Unfunded	EMPATF, HMGP; PDM Program
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

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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
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)
890	St. Petersburg / Water Resources Dept.	Retrofit of Cosme WTP	Provide shear resisting structural augmentation; replace roof; hurricane shutters. Estimated completion time: more than 12 months. / 2	$89,500	Currently Unfunded	HMGP and Local
890	St. Petersburg / Water Resources Dept.	Retrofit of Cosme WTP	Provide shear resisting structural augmentation; replace roof; hurricane shutters. Estimated completion time: more than 12 months. / 2	$89,500	Currently Unfunded	HMGP and Local
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	18 to 24 months/ Currently Unfunded	CDBG; HMGP; HMGP Planning
885	St. Petersburg / Water Resources Dept.	Retrofit of Gulf-to-Bay Pump Station	Provide structural steel strut reinforcing of exterior walls; additional connections of roof planks; hurricane shutters. Estimated completion time: more than 12 months. / 2	$35,000	Currently Unfunded	EMPATF, HMGP; PDM Program
885	St. Petersburg / Water Resources Dept.	Retrofit of Gulf-to-Bay Pump Station	Provide structural steel strut reinforcing of exterior walls; additional connections of roof planks; hurricane shutters. Estimated completion time: more than 12 months. / 2	$35,000	Currently Unfunded	EMPATF, HMGP; PDM Program
880	Clearwater / Stormwater	Hercules Industrial Park Water Quality Improvements	1 (Stormwater improvements)	$1,000,000	Unfunded	SWFWMD Co-operative funding; City of Clearwater Stormwater Utility Fund
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

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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.
870	Indian Rocks Beach / Public Services	Gulf Blvd Utility Undergrounding	To make aesthetic and safety improvements to 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 att he southern boundary of the City (Whitehurst) and continue north through the Gulf Blvd/Walsingham Rd intersection to at least 6th Ave. project construction dsign is scheduled for 2016, undergrounding construction in 2017 and surface restoration in 2018. /4	$750,000	12 to 18 months	CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; PDM Program; EMPATF
870	PC Public Works	Drainage Pond Compliance Program (1629)	Improve existing ponds for permit compliance. Estimated completion time: more than 12 months. / 1	$4,421,500	FY2017-FY2025 In Progress	Penny for Pinellas
870	PC Public Works	Bee Branch Drainage Improvements (922333)	Bank stabilization, erosion control,and drainage structure replacement. Estimated completion time: more than 12 months. / 3	$6,570,900	FY2012 - FY2017 Phase 2 complete, phase1 in progress	Penny for Pinellas; SWFWMD
870	PC Public Works	Curlew Creek Channel A Improvements (1124)	Channel improvements & retention project (Joint project with City of Dunedin). Estimated completion time: more than 12 months. / 3	$7,115,800	FY2012 - FY2014 80% completed	Penny for Pinellas; SWFWMD
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
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

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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 2016 and 2018. / 3	$771,108	Currently Unfunded	Special Revenue Fund – Penny for Pinellas; City of Indian Rocks Beach Capital Improvement Plan; Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants
860	Lealman SFCD / Emergency Management	Fleet Building Hardening	Harden with rolldown shutters, 2 single doors and 1 window. Estimated completion time: less than 12 months. / 2	$3,900	Currently unfunded	
860	PC Public Works	Antilles/Oakhurst Drainage Improvements (1820)	Improvements to alleviate street flooding. Estimated completion time: more than 12 months. / 1	$2,214,900	FY2012 - FY 2016 In Progress (Construction 2016)	Penny for Pinellas
860	PC Public Works	Pinellas Trail - 54th Ave. Drainage Improvements (1823)	Alleviate flooding on 54th Ave. N, Pinellas Trail, and 97th Way. Estimated completion time: more than 12 months. / 1	$2,050,000	FY2015 - FY2018 In Progress	Penny for Pinellas
860	PC Public Works	Traffic Signal Mast Arms	Replacement of strain poles with mast arms at key intersections within unincorporated areas. Estimated completion time: more than 12 months. /2	$1,300,000	Unfunded	Seeking Pre-Disaster Mitigation Program grant funds
860	PC Public Works	Drainage Channel Dredging Program (654)	Remove silt and obstructions which impede proper flow of water through drainage channels. Estimated completion time: more than 12 months. / 1	$350,000	Remove	Penny for Pinellas
850	Clearwater / Engineering	Install crew and warehouse facility at Public Works	Purchase 3,000 sf recovery crew facility and warehouse. Estimated completion time: more than 12 months. / 4	$1,000,000	Currently unfunded	EMPATF, HMGP; PDM Program
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

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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
845	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
845	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
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
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
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	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program
830	Indian Rocks Beach / Planning & Zoning Dept.	Beach Management Plan	Write a plan for a dune system, vegetation program, breakwaters, jetties, groins, etc. to prevent erosion. Estimated completion time: less than 12 months. / 3	$20,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants HMGP Planning;
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
830	PC Public Works	Cross Bayou Channel 2 - Rena Dr. (1821)	Improve Cross Bayou Channel 2 from 66th St. to Pinecrest Subdivision. Estimated completion time: more than 12 months. / 1	$1,250,000	FY2015-FY2017 In Progress	Penny for Pinellas

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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
820	Largo/Envir. Services - Administration	Warehouse	Initiative: Warehouse (Environmental Services / Collections). Description: The WWRF currently has a warehouse with inadequate capacity for the storage of critical backup equipment and spare parts. This project consists of constructing a warehouse with adequate capacity and centralized record keeping and demolishing the existing PSTA building. This will insure that equipment and materials are properly inventoried, managed, and at the ready during a man-made and/or natural disaster. This project is part of the approved CIP. /4	$3,500,000	FY2016/17	Wastewater (Local)
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
815	Redington Beach / Public Works	Flood mitigation of town streets and roads	Milling and resurfacing of town (approx. 7 miles) roads and streets. No estimate completion time. / 4	$2,000,000	Currently unfunded.	Town reserves
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
780	Pinellas Park / Public Works	Municipal EOC	Design, engineer, construct and equip an Emergency Operations and Command Center. Estimated completion time: more than 12 months. / 4	$15,000,000	Currently Unfunded	Funding for the current phase is from local coffers. Funding for implementation could include: Local Funds, SWFWMD Grant, EMPATF, HMGP; PDM Program.

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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
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
780	St. Pete Beach	Response/ Recovery Equipment	Procure vehicle lift, high lift jacks, air compressor and related tools for tire repair. Estimated completion time: more than 12 months. / 4	$20,000	Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program
775	St. Pete Beach	Fire Station Retrofit	Install storm shutters on the fire department building. Estimated completion time: less than 12 months. / 2	$35,000	Currently Unfunded	Residential Construction Mitigation Program; EMPATF, HMGP; PDM Program
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	$2,382,100	FY2012 - FY2017	Grant; Local funds; SWFWMD
0	St. Pete Beach	GIS/ Computer Hardware and Software Enhancement	Develop work order system w/GIS enhancements. Estimated completion time: less than 12 months. / 4	$35,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants
0	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
0	St. Pete Beach	SCADA System / Lift Stations	Purchase a SCADA system for 17 wastewater pump/lift stations. Estimated completion time: more than 12 months. / 1	$90,000	Currently Unfunded	EMPATF, HMGP; PDM Program
0	St. Pete Beach	Generators for Lift Stations	Procure emergency generators and electrical equipment for lift stations #2 and #3. Estimated completion time: less than 12 months. / 1	$100,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning

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0	St. Pete Beach	Stormwater Management	City-wide drainage repairs and upgrades. Drainage upgrades (pipes, grading inlets and outfalls). Estimated completion time: more than 12 months. / 1	$125,000	Currently Unfunded	FMAP; HMGP; PDM Program
0	St. Pete Beach	Flood Proof Recreation Bulding	Flood-proof recreation building. Estimated completion time: more than 12 months. / 1	$350,000	Currently Unfunded	FMAP; HMGP; PDM Program; EMPATF
0	St. Pete Beach	Floodproof and retrofit Police Building/ City EOC	Flood-proof police building designated as the city's emergency operations center. Estimated completion time: more than 12 months. / 1	$370,000	Currently Unfunded	FMAP; HMGP; PDM Program
0	St. Pete Beach	Flood and Wind Retrofit for Fire Station, Merry Pier and Old City Hall Complex storage tanks	Provide storm protection for fire station, Merry Pier and the Old City Hall complex's underground storage tanks. Estimated completion time: more than 12 months. / 1	$370,000	Currently Unfunded	FMAP; HMGP; PDM Program; EMPATF
0	St. Pete Beach	Seawall Improvement & stormwater project	Construct seawall improvements in Don CeSar Area. Estimated completion time: more than 12 months. / 3	$400,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants; HMGP Planning
0	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
0	St. Pete Beach	Pump Station Replacement	Replace sanitary sewer force main from pump station #1 to St. Petersburg pipeline. Estimated completion time: more than 12 months. / 1	$1,400,000	Currently Unfunded	Capitalization Grants for Clean Water State Revolving Funds; CDBG; FMAP; HMGP; Nonpoint Source Implementation Grants
0	St. Pete Beach	Riprap enahncement	Construct riprap enhancements at Blind Pass, Southernmost Jetty in Pass-a-Grille and Pass-a-Grille Channel. Estimated completion time: more than 12 months. / 3	$2,000,000	Currently Unfunded	HMGP; PDM Program
0	St. Pete Beach	Flood Proof City Hall Complex	Flood proof first floor of existing city hall complex. Estimated completion time: more than 12 months. / 1	$3,500,000	Currently Unfunded	HMGP and Local funding. FEMA SRL pilot program.

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0	St. Pete Beach	Underground Utilities	Bury Vina Del Mar utilities underground. Estimated completion time: more than 12 months. / 2	$4,200,000	Currently Unfunded	FMAP; HMGP; PDM Program
	Largo/Envir. Services	Biosolids Building - Hurricane 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 and to provide recommendations for either strengthening the existing structure ($1.4 million), or total replacement of the building ($1.8 million). Repair work would include roofing, wall work, structural bracing and stiffening, replacement of doors, windows and fans; and painting of structural steel. This project is not part of the approved CIP. /4	$1,800,000	<FY17 (Unfunded)	
	Largo/Info. Technology	Computer Server Room Business Continuity	In FY 2010, it was determined that the weight and size of the existing server room was inadequate. The weight is more than the existing City Hall building can bear (computer room on second floor), the size and HVAC requirements are inadequate, and the survivability of the wind rating of the City Hall building is not high enough to protect the City's main (computer) infrastructure - the servers and main telephone switch. A new stand-alone Server and Telephone building (Data Center), survivable up to category 5 hurricane winds, off-site from City Hall is needed. The existing and proposed Data Center supports operational and communications for all City Departments including Public Safety, Environment Services, Public Works and Emergency Management. This project is part of the approved CIP. /4	$2,000,000	FY12	LOST

UPDATED APPENDIX 10, AMENDED PAGES ONLY!

Project	Cost	Status	Funding
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
Design 11th Ave. through 13th Ave. drainage project to mitigate local flooding.	$290,000	Complete	Local
Reclamation of 1.2 acres of wetlands to act as a flood buffer.	$100,000	Complete	Local
Dune Walkovers	$114,00	Complete	Local
Small Basin Reconstruction	$375,000	Complete	Local
Stormwater Reconstruction	$160,000	Complete	Local
Indian Shores			
Storm water management in redevelopment area to control and mitigate flooding. FY97/98	$60,000	Complete	Local and State
FMAP elevation of existing repetitive loss struture. FY97/98	$22,500	Complete	Private and State
FMAP acquisition and demolition of repetitive loss structure. FY97/98	$26,797	Complete	Local and State
Installed new seawall to mitigate flooding. FY97/98	$16,770	Complete	Local and State
Installed new seawall and replaced seawall cap. FY97/98	$5,080	Complete	Local
Storm water management at 19305 Gulf Blvd. (Town Hall complex) FY97/98	$80,000	Complete	Local and State
FMAP elevation of repetitive loss existing structure. FY00/01	$41,683	Complete	Local and State
Development of Town master drainage plan. FY01/02	$80,000	Complete	Local and State
Purchase property in redevelopment area for potential site of future retention pond. FY01/02	$40,000	Complete	Local

Project	Cost	Status	Funding
Implement Town-wide storm water master plan. FY02/03	$300,000	Underway	Local and State
Purchase and installation of an auxiliary generator for the Critical Facility, Town Hall, 19305 Gulf Blvd.	$33,455	Complete	HMGP and Local
Juvenile Welfare Board 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)
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	$10,000	Completed	
Retrofit of Critical Facility/Stormshutters on PD and City Hall	$46,000	Completed	EMPATF;HMGP; PDM Program
Repairs to existing stormwater lines damaged by July Rain event		Underway	Local
Re-sheathing of Public Works Building with wind-loaded exterior	$400,000	Underway	Local
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	

Project	Cost	Status	Funding
1) Bee Branch	$6,570,900	Phase 2 complete, phase 1 in progress	Penny for Pinellas; SWFWMD; Grant
2) Curlew Creek	$7,115,800	80% complete	Penny for Pinellas; SWFWMD
3) Bear Creek Channel Improvements	$2,908,900	FY2014 Complete	Penny for Pinellas; SWFWMD
4) Curlew Creek Channel A Improvements	$7,115,800	FY2012-FY2014 80% complete	Penny for Pinellas; SWFWMD
Animal Services Building Storm Hardening	$256,670	Completed	HM Allocation/Local
Belleair Elementary School Storm Retrofit; new classroom will gain 783 shelter spaces	$44,100	Completed	Local
Emergency Communications upgrade of radio system to SmartZone technology.	$17,500,000	Complete	CIP/grants
EMS hardening of Sunstar Communications Center north wall and south alleyway enclosed.	$310,000	Complete	General Fund
EMS A/C replacement for the radio and server room.	$300,000	Complete	General Fund
EMS Sunstar Communications Center and radio room roof replacement.	$150,000	Complete	General Fund
EMS Building Storm Hardening	$272,294	Completed	HM Allocation/Local
High Point Elementary School Retrofit	$6,002	Project Completed	Local

Project	Cost	Status	Funding
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
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
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
Stormwater Rehabilitation Program - Install and line galvanized culvert pipe through the City.	$500,000	This is an annual ongoing project.	Local
NFIP Map Update - This project involved an outreach to ~~preoperty~~ 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
Mobile Hazard Mitigation House - This project adapted a mobile home to illustrate means to better protect homes and MH's from various natural hazards as well as fire. The unit is also equipped to make multimedia presentations and be used to demonstrate home escape measures. FY 00/01	$31,747	Completed	State

Project	Cost	Status	Funding
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
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
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 imiprovements prior to discharge into Cross Bayou Canal.	$1,176,680	Completed FY13-14	Local and SWFWMD Grant
Emergency Generator Installation LS 27 to maintain service	$70,000	Completed FY13-14	Local
Emergency Generator Installation LS1 to maintain service	$115,000	Completed FY13-14	Local
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
Flood mitigation of town streets and roads, milling & resurfacing	$2,000,000	Completed in 2012	Local
Repair intracoastal causeway seawalls	$175,000	Underway	Local
Redington Shores			

Project	Cost	Status	Funding
Elevated Town Hall / EOC Building .Constructed on fill to elevation 12.0 NGVD. Zone AE.	$600,000	Complete 2001	Local
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
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
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
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
Safety Harbor			
Public Works dewatering pump replacement	$18,000	Complete	Local
Harden Safety Harbor EOC – Impact resistant windows and doors.	$15,000	Complete	Federal, State, Local
Harden Fire Station #52 – Impact resistant windows, doors, garage doors.	$110,000	Complete	Federal, State, Local
Harden Fire Station #53 and upgrade EOC	$250,000	Complete	Local
East Gate Drainage Improvements	$1,442,811	Complete	Local and State
South Green Springs - Improvements to minimize street flooding.	$1,500,000	Complete	Local
11th Ave. S. Brick Street & Drainage Improvements	$701,339	Complete	Local and State

Project	Cost	Status	Funding
Mirror Lake alum injection system.	$553,000	Complete	Local
Booker Creek Maintenance at Tropicana Dome.	$203,000	Complete	Local
8th St. drain storm water project.	$2,558,000	Complete	Local
67th St. drain storm water project.	$681,000	Complete	Local
Lake Winston storm water project.	$2,261,000	Complete	Local
31st St. S storm water project.	$576,000	Complete	Local
Tinney Creek rehab. project.	$194,000	Complete	Local
Ponds Ditch rehab. project.	$30,000	Complete	Local
Clam Bayou retrofit project	$286,000	Complete	Local
Ditch piping project - 4 locations throughout the city.	$3,578,000	Complete	Local
Bayou Grande Blvd. NE project.	$398,000	Complete	Local
Roser Park Creek project.	$1,000,000	Complete	Local
King St. N. drainage improvements	$2,966,000	Complete	Local
Oak St. NE drainage improvements	$344,000	Complete	Local
Riviera Bay & Snell Isle Stormwater Vaults	$1,400,000	Complete	Penney for Pinellas/Local
MLK Street N. Part 2 Storm Drainage Improvements	$5,958,000	Complete	SWFWMD/Local
Golf Creek, 13th A/N & Vicinity Stormwater Improvements	$1,600,000	Complete	SWFWMD/Local
Jungle Lake Outfall Storm Drainage Improvements	$2,980,000	Complete	SWFWMD/Local

Project	Cost	Status	Funding
Jungle Lake Northeast Basin Storm drainage Improvements	$3,557,000	Complete	SWFWMD/Local
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
Flood and Wind Retrofit of Municipal Buildings	$310,000	Complete	Federal and Local
Tarpon Springs			
Riverside and Hillside Drive Stormwater Improvements	$67,000	Conceptual Design	SW Utility
Walton Avenue Evacuation Route SW Improvements	$224,000	Under Construction	SW Utility
Pent Street Flooding/Drainage Improvements	$1,122,000	Conceptual Design	SW Utility
Disston and Tarpon Ave Evac Route SW Improvements	$428,000	Design Complete	SW Utility
Kenneth Way Flooding/Drainage Improvements	$91,000	Conceptual Design	SW Utility
Center Street at Disston Ave Flooding/Drainage Improvements	$573,000	Alternatives Analysis Underway	SW Utility
Athens St. and Dodecenase Sponge Docks Flooding/Drainage Imp.	$27,000	Conceptual Design	SW Utility
Palm Avenue Flooding/Drainage Improvements	$728,000	Conceptual Design	SW Utility
Chesapeak Drive Flooding/Drainage Improvements	$185,000	Under Construction	SW Utility

Project	Cost	Status	Funding
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. Resrve of $500,000 established.	Complet and on-going	Local and County (sea oats donation)
2013 Elevated 2 structures above BFE	$459,000	Complete	Private
2013 Demolished one structure in flood area (no replacement)	$10,000	Complete	Private
Permits issues to elevate one structure above the base floor elevation (to be completed in 2014)	$1,430,000	Underway	Private
Demolition of 7 non-FEMA compliant structures (2015)	$64,700	Complete	Private
Drainage improvements in the Sunset Beach neighborhood to reduce flooding. (One phase)	$914,000	One Phase Complete	Local and State
~~Treasure Island / Public Works~~ Palms Bridge replacement	$1,657,638	Complete	Local
~~Treasure Island / Public Works~~ Capri Bridge replacement	$2,244,517	Complete	Local
Main Lift Station Refurbishment	$429,176	Complete	Local
Lift Station #3 Refurbishment	$244,339	Complete	Local
~~Harden the PARC Center Apartments (Intermediate Care Facility).~~	~~$1,000,000~~	~~Complete~~	

2016 WORKING GROUP ROSTER

PINELLAS COUNTY LOCAL MITIGATION STRATEGY WORKING COMMITTEE ROSTER
2016

Agency/Organization	Name	E-Mail Address	Phone	Position Title
American Red Cross	Hendrickson, Mark	mark.hendrickson@redcross.org	727-744-0382	Business Consultant for COOP & Community Development Education
American Red Cross	Bueno, Jose C	Jose.Bueno@redcross.org	813-868-7673	Regional Preparedness Manager
Area Agency on Aging of Pin./Pasco	Martino, Jason	jason.martino@aaapp.org	727-570-9696	Emergency Coordinating Officer
Bay Area DKI	Ennest, Chris	CEnnest@bayareadki.com	813-224-2464	Account Manager
Bayfront Health St. Petersburg	Beckert, Bruce	bruce.beckert@hma.com	727-893-6967	Construction Coordinator
Bayfront Health St. Petersburg	Roger Fournier PI	roger.fournier@BayfrontHealth.com	727-893-6171	Director of Public Safety
Bayfront Health St. Petersburg	Baker, Glenn	Glenn.Baker@bayfronthealth.com	727-893-6074	Emergency Management Coordinator
Belleair	Lauda, Gregg	glauda@townofbelleair	727-588-3760 x 215	
Belleair Beach	Godfrey, Allen	agodfrey@cityofbelleairbeach.com	727-595-4646 x123	Community Services Manager
Belleair Beach	Gonzalez, Nancy	Ngonzalez@CityofBelleairBeach.com	727-595-4646 x 121	City Manager
Belleair Bluffs	David, Robert	rdavid@belleairbluffs-fl.gov	727-584-2151	Director of Public Works
Clearwater	Matzke, Lauren	lauren.matzke@myclearwater.com	727-562-4547	Long Range Planning Manager
Clearwater (Alternate)	Kessler, Sarah	Sarah.Kessler@myclearwater.com	727-562-4897	Environmental Specialist CRS Coordinator
Clearwater	Ehlers, Scott	scott.ehlers@myclearwater.com	727-562-4334 x3205 727-224-7072 Cell	Emergency Manager
Dunedin	Parks, Jeff	jparks@dunedinfl.net	727-298-3094	Fire Chief
Dunedin	Joan McHale	jmchale@dunedinfl.net	727-298-3198	Program Coordinator, Planning
East Lake Tarpon Fire Control District	Jamison, Tom	tjamison@elfr.org	727-784-8668	Fire Chief
Eckerd College	Mets, Lisa	metsla@eckerd.edu	727-864-8221	Vice President & Secretary of Eckerd College and Risk Manager
FDOT	Allen, Angela	angela.allen@dot.state.fl.us	813-615-8630	FPEM Emergency Operations Coordinator
FEMA - Region IV	Vigo, Gabriela	gabriela.vigo@fema.dhs.gov	229-225-4546	HMA Program Specialist, FL
Florida Emergency Management	Price, Jamie	Jamie.price@em.myflorida.com	850-413-9925 Office Cell (850) 694-6620	Lead Mitigation Planner
Florida Emergency Management	Wallick, Michael	Michael.Wallick@em.myflorida.com	850-922-0325	Mitigation Planner
FL Restaurant & Lodging Assoc.	Lynch, Dannette	dannette@frla.org	727-642-3404	Regional Director Florida Restaurant & Lodging Association
Gulfport	Taylor, Michael	mtaylor@mygulfport.us	727-893-1087	Principal Planner
Gulfport	Engel, Gerald	gengel@mygulfport.us	727-893-1020	Building Official
Hillsborough County Hazard Mitigation	Henry, Eugene	henrye@hillsboroughcounty.org	813-307-4541	CFM Manager, Hazard Mitigation Program (Floodplain Administator, LMS Coordinator, CRS Coordinator, Recovery Coordinator)
Indian Rocks Beach	Taylor, Danny	dtaylor@irbcity.com	727-517-0404	Planning and Zoning Director
Indian Shores	Dhonau, Bonnie	bdhonau@myindianshores.com	727-474-7777	Town Administrator
Indian Shores	Green, Malcom	mgreen@myindianshores.com	727-517-3940	Building Official
Indian Shores	Tidwell, Michelle	mtidwell@myindianshores.com	727-474-7785	Building Department Permit Clerk
JWB	Biddleman, Marcie	mbiddleman@jwbpinellas.org	727-453-5611	Executive Director
JWB	Waldron, Shelba	swaldron@jwbpinellas.org	727-453-5696	Program Consultant
Kenneth City	Campbell, Mathew	campbellm@kennethcityfl.org	727-498-8948	City Manager
Kenneth City	Susan L. Scrogham CMC	scroghams@kennethcityfl.org	727-498-8948	Town Clerk
Largo	Leong, Frances	Fleong@largo.com	727-587-6794 x7453	Planner
Largo	Mixson, David	dmixson@largo.com	727-587-6714	Deputy Fire Chief
Largo	Tokarz, Terry	ttokarz@largo.com	727-587-6740 Ext 2003 Office 727-430-1519 Cell	Assistant Chief - Emergency Management
Largo	Woods, Cara	cwoods@largo.com		
Largo	Waters, Stephanie	swaters@largo.com	727-587-6700 x7002	Deputy City Clerk
Maderia Beach	Rosetti, Lynn	lrosetti@madeirabeachfl.gov	727-391-9951x255	CFM Planning and Zoning Director
Maderia Beach	Chief Derryl O'Neal	doneal@medeirabeachfl.gov	(727) 391-3400 x 248	Fire Chief
Morton Plant Mease Healthcare	Clark, Carol	carol.clark@baycare.org	727-825-1753 727-820-820 (they will transfer)	Manager Safety and Security Services
North Redington Beach	Campbell, Mari	townclerk@townofnorthredingtonbeach.com	727-391-4848 727-393-0803 – Fax	Town Clerk
North Redington Beach	Lewis, Don	ceofficer@townofnorthredingtonbeach.com	727-391-4848	Code enforcement officer
North Redington Beach	Schmader, Renee	deputyclerk@townofnorthredingtonbeach.com	727-391-4848	Deputy Town Clerk
Oldsmar	Dauphinais, Marie	mdauphinais@myoldsmar.com	813-749-1122	CFM Director Planning & Redevelopment
Oldsmar	Everitt, Steven	severitt@myoldsmar.com	813-749-1147	CFM Planner
Oldsmar Fire	O'Nale, Dean	donale@myoldsmar.com	813-749-1200 Work 813-433-3402 Cell 813-891-6814 Fax	EFO Fire/EMS Chief
Palm Harbor Fire Dept.	Robert Markford	rmarkford@palmharborfd.com	727-784-0454	Deputy Chief
PARC	Nevitt, Missy	mnevitt@parc-fl.org	727-345-9111	Director of Operations, PARC

Pasco County	Doying, Annette	adoying@pascocountyfl.net	727-847-8137	Director of Emergency Management
Pinellas County Building & DRS	Doherty, Heather	hdoherty@co.pinellas.fl.us	727-464-3471	Engineering Service Tech II/CFM
Pinellas County Communications	Mary Burrell	mburrell@pinellascounty.org	727-464-5573	Public Information Specialist
Pinellas County Economic Development	Swank, Stacey	sswank@pinellascounty.org	727-464-7425	Business Development Manager – Marketing & Communications
Pinellas County Emergency Mgt.	Bishop, Sally	sbishop@co.pinellas.fl.us	727-464-3813	Director
Pinellas County Emergency Mgt.	Borries, Joe	jborries@co.pinellas.fl.us	727-464-3803	Emergency Operations Manager
Pinellas County Emergency Mgt. (Alt. Contact)	Peck, Debbie	dpeck@pinellascounty.org	727-464-3815	EM Coordinator
Pinellas County Emergency Mgt. (Primary Contact)	Becker, Gregory	gbecker@pinellascounty.org	727-464-3812	EM Coordinator
Pinellas County Env. and Infrastructure	Talhouk, David	dtalhouk@co.pinellas.fl.us	727-464-3780	Program Manager
Pinellas County Communications	Muhrlin, Jane	jmuhrlin@co.pinellas.fl.us	727-453-3602	Project Coordinator
Pinellas County Natural Resources	Harji, Rahim	rharji@pinellascounty.org	727-464-8760	CFM, ENV-SP Watershed Management Section Manager
Pinellas County Planning	Beardslee, Gordon	gbeardsl@pinellascounty.org	727-464-8226	Director
Pinellas County Planning	Renea Vincent	rvincent@pinellascounty.org	727-464-8200	Commuity Development & Planning Section Manager
Pinnellas County Planning	Chris Young	cyoung@pinellascounty.org		
Pinellas County Schools	Dluzneski, Dan	dluzneskid@pcsb.org	727-547-7205	EM Coordinator
Pinellas Park	Bray, Bob	bbray@pinellas-park.com	727-369-5613	Community Planning Director
Pinellas Park	Berkheimer, Gary	gberkheimer@pinellas-park.com	727-369-5802	Deputy Fire Chief
Pinellas Park	Boisvert, Suzanne	SBoisvert@pinellas-park.com	727-541-0805 x3906	Emergency Management Planner
Pinellas Planning Council	Crawford, Michael	mcrawford@co.pinellas.fl.us	727-464-8250	Interim Executive Director
Redington Beach	Clarke, Missy	townclerk@townofredingtonbeach.com	727-391-3875	Town Clerk
Redington Beach	Gamble, Andrea	deputyclerk@townofredingtonbeach.com	727-391-3875	Deputy Town Clerk
Redington Shores	Andrews, Steven	bldgdept@townofredingtonshores.com	727-397-5538	Building Official
Redington Shores	Palmer, Mary	townclerk@townofredingtonshores.com	727-397-5538	Town Clerk
Redington Shores	Herr, Patti	depclk@townofredingtonshores.com	727-397-5538	Administrative Clerk
Safety Harbor	Stenmark, Marcie	Mstenmark@cityofsafetyharbor.com	727-724-1555 X 1702	Community Development Director
Safety Harbor	Schoderbock, Mike	mschoderbock@cityofsafetyharbor.com	727-724-1555	Planner
Seminole	Ely, Mark	mely@myseminole.com	727-398-3108x106	Community Development Director
Seminole	Hockenbury, Jeremy	jhockenbury@myseminole.com	727-397-6383	Public Works Director
Seminole	Rodde, Mike	mrodde@myseminole.com	727-393-8711	Fire Marshall
Seminole	Dykens, Brad	bdykens@myseminole.com	727-393-8711 x210	Public Education Officer
South Pasadena	Schwartz, Neal	nschwartz@mysouthpasadena.com	727-871-9339	Building Planning Director
South Pasadena Fire	Saltsman, Dayton	firechief@ci.south-pasadena.fl.us	727-344-1666	Fire Chief
St. Anthony's Hospital	Nicely, John	john.nicely@baycare.org	727-825-1128	Director Facilities Management Systems
St. Pete Beach	Cooper, Bruce	b.cooper@stpetebeach.org	727-363-3927	Building Code Administrator
St. Pete Beach	Welden, Chelsey	cwelden@Stpetebeach.org	727-363-9266	Urban Planner
St. Petersburg Emergency Mgt.	Ballou, Bob	robert.ballou@stpete.org	727-893-7683	Division Chief, FPEM
St. Petersburg Emergency Mgt.	Stiff, Rick	rick.stiff@stpete.org	727-893-7683	Management Analyst
St. Petersburg Construction & Permitting	Taylor, Noah	noah.taylor@stpete.org	727-893-7283	Community Rating System Coordinator
Sunstar	Eells, Brian	beells@sunstarems.com	727-582-2216	Director of Communications and Emergency Management
SWFWMD	Lloyd Roberts	Lloyd.Roberts@swfwmd.state.fl.us	352-796-7211 x4545	Senior P.E., Emergency Coordinating Officer
Tarpon Springs	Butcher, Rick	rbutcher@tsfr.us	727-938-3737 Office 727-423-0912 Cell 727-934-0598 FAX	Fire Chief
Tarpon Springs	Robertson, Bob	rrobertson@ctsfl.us	727-942-5610	Bob Robertson, P.E. Public Services Program Manager
Tarpon Springs	Russo, Vicki	vrusso@tsfl.us	727-942-5617	Building Development Supervisor
Tarpon Springs	Mastracchio, Anthony	amastracchio@ctsfl.us		Building Official
Tarpon Springs	Orton, Michelle	morton@ctsfl.us		Principal Planner
Tarpon Springs Housing Authority	Amon, Deb	deb.amon@tarponhousing.com	727-937- 4411 727- 279-2814 FAX	Director of Operations
TBRPC	Smith, Brady	brady@tbrpc.org	727-570-5151 x42	Principal Planner
Treasure Island	Cohen, Paula	pcohen@mytreasureisland.org	727-547-4575 x239	Community Improvement Director
UF/IFAS Extension	Madhosingh-Hector, Ramon	rmadhosingh-hector@co.pinellas.fl.us	727-582-2656	UF/IFAS Extension Agent, Urban Sustainability
UF/IFAS Extension	Carnahan, Libby	lcarnahan@co.pinellas.fl.us	727-453-6522	Florida Sea Grant Agent

Agenda

Pinellas County
LMS Working Group Meeting
Thursday, January 14, 2016; 1:30 P.M.
Tampa Bay Regional Planning Council Offices
4000 Gateway Centre Blvd, Pinellas Park

1) Welcome and Introductions

2) Approval of Minutes: October 15, 2016

3) Annual Maintenance Updates - Appendix 9 (Mitigation Initiatives), Appendix 10 (Accomplishments) of LMS Document, & Group Roster

4) Presentations
    a. "Pinellas County Vulnerability Assessment of Sea Level Rise on Infrastructure Assets" Chris Moore, Pinellas County Planning
    b. "Recommended Projection of Sea Level Rise in the Tampa Bay Region" Brady Smith, Tampa Bay Regional Planning Council

5) Conferences & Training, 2016
    a. National Hurricane Conference – March 21 to 24, Orlando, FL
    b. Governor's Hurricane Conference – May 8 to 13, Orlando, FL.
    c. APA Conference - April 2 to 5, Phoenix, AZ.
    d. FEPA Annual Meeting & work sessions - February 1 to 5, Daytona Beach, FL
    e. Florida Floodplain Manager's Association Conf. – March 30 to April 1, St. Augustine, FL.
    f. Florida APA Conference –September 6 -9, Tampa FL
    g. ESRI User Conference – June 27-July 1, 2016, San Diego Convention Center

6) Proposed 2016 Meeting Dates
    a. April 14, July 14, & October 13, & December 15 (or January 19, 2017). All meetings are proposed to start at 1:30 p.m. and be held at TBRPC

7) Other Business

8) Selection of LMS Chair/Vice-Chair for 2016

9) Adjourn

NEXT SCHEDULED QUARTERLY LOCAL MITIGATION STRATEGY MEETING:
THURSDAY, APRIL 14, 2016 1:30 PM
TBRPC
4000 Gateway Centre Blvd, Pinellas Park

Draft Minutes

Pinellas County
Local Mitigation Strategy Work Group Meeting
Thursday, January 14, 2016 1:30 P.M.
Tampa Bay Regional Planning Council Office
4000 Gateway Centre Blvd, Pinellas Park

1. Welcome and Introductions

Chairperson Renea Vincent welcomed the attendees and the attendees introduced themselves. Ms. Vincent introduced Mr. Christopher Young, a recent addition to the Pinellas County Planning family.

2. Approval of Minutes, October 15, 2016:

Mr. Dayton Saltsman, South Pasadena Fire, made the motion to accept the minutes from the last meeting, October 15, 2016. Mr. Gregory Becker, Pinellas County Emergency Management seconded the motion. Motion passed unanimously.

3. Annual Maintenance Updates -Appendix 9 (Mitigation Initiatives), Appendix 10 (Accomplishments) of LMS Document, & Group Roster

a. Additional project to be scored and added to Appendix 9

Ms. Donna Beim submitted a Public Safety Intergovernmental Radio System Shelter Hardening project to be scored and added to Appendix 9.

Mr. Noah Taylor, St. Petersburg Construction & Permitting, made the motion to accept and score the project and Mr. Danny Taylor, Indian Rocks Beach, seconded the motion. Motion passed unanimously.

4. Presentations

a. "Pinellas County Vulnerability Assessment of Sea Level Rise on Infrastructure Assets"
Chris Moore, Pinellas County Planning

b. "Recommended Projection of Sea Level Rise in the Tampa Bay Region"
Brady Smith, Tampa Bay Regional Planning Council

Mr. Brady Smith's presentation was the only one that was presented to the group, as Mr. Chris Moore was not available due to family illness. Chairperson Vincent stated that Mr. Moore would be invited back to a meeting in the future to present his information to the group.

5. Conferences & Training, 2016

a. National Hurricane Conference – March 21 to 24, Orlando, FL
b. Governor's Hurricane Conference – May 8 to 13, Orlando, FL.
c. APA Conference - April 2 to 5, Phoenix, AZ.
d. FEPA Annual Meeting & work sessions - February 1 to 5, Daytona Beach, FL
e. Florida Floodplain Manager's Association Conf. – March 30 to April 1, St. Augustine, FL.
f. Florida APA Conference –September 6 -9, Tampa FL
g. ESRI User Conference – June 27-July 1, 2016, San Diego Convention Center

Chairperson Vincent brought the upcoming conferences and trainings listed above to the group's attention for informational purposes.

6. Proposed 2016 Meeting Dates

a. April 14, July 14, & October 13, & December 15 (or January 19, 2017). All meetings are proposed to start at 1:30 p.m. and be held at TBRPC.

The 2016 meeting schedule was approved at the October 15, 2016 meeting and was mentioned at this meeting for informational purposes.

7. Other Business

Vice Chair Bob Bray, Pinellas Park, informed the group that it is not necessary to wait until next year to put new projects on the list. Additionally, it is not necessary to wait four (4) years to update the LMS.

8. Selection of LMS Chair/Vice-Chair for 2016

Ms. Renea Vincent will continue to function as the LMS Chair and Mr. Noah Taylor will function as the LMS Vice-Chair.

Mr. Bob Bray, former Vice- Chair, made the motion and Mr. Dayton Saltsman, South Pasadena Fire, seconded the motion. Motion passed unanimously.

Chairperson Vincent stated that Mr. Christopher Young will be her LMS backup should she not be able to attend a meeting and also that she would be working with him to ensure that he is familiar with the LMS and its components. Additionally, she will get him set up with the LMS State contact.

9. Adjourn

The meeting was adjourned at 2:35 p.m.

NEXT SCHEDULED QUARTERLY LOCAL MITIGATION STRATEGY MEETING:
THURSDAY, APRIL 14, 2016 1:30 PM
TBRPC
4000 Gateway Centre Blvd, Pinellas Park

St. Pete Beach City Commission
Agenda Report

Issue Considered: PSTA Request for City of St. Pete Beach support of Bus Rapid Transit (BRT) project.

Date: October 25, 2016

Prepared By: Wayne Saunders, City Manager

Summary of Issue: The Pinellas Suncoast Transit Authority (PSTA) is requesting the City's support for the Central Avenue Bus Rapid Transit (BRT) project. The proposed project will complement local service now provided by the Central Avenue Trolley by providing expedited, limited stop travel from downtown St. Petersburg to the beaches. PSTA representatives discussed the project and the request for the City's support at the Commission workshop held Tuesday, October 11th, 2016. Attached is a copy of the power point presented by PSTA at the workshop that outlines the request for financial support from the City which includes a $712, 000 annual commitment for operations and a one-time capital cost of $320, 000. The City currently pays approximately $500,000 annually to support the trolley service.

Requested Motion: To be determined

Attachment: PSTA power point presentation
PSTA BRT Information

Reviewed by the City Manager: WS

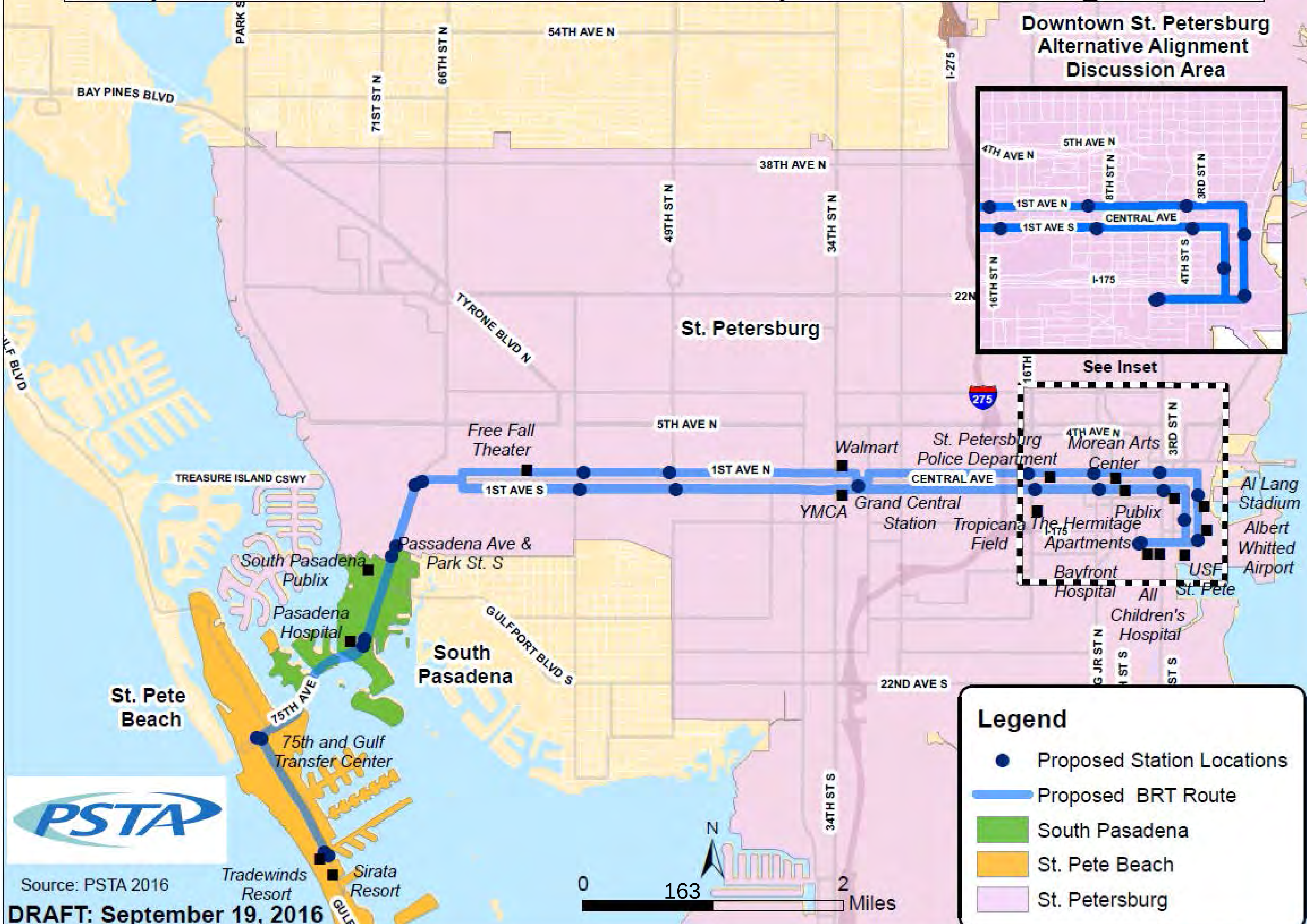
Central Avenue Bus Rapid Transit

City of St. Pete Beach Council Workshop

October 11, 2016

Pinellas Suncoast Transit Authority (PSTA)
St. Petersburg, Florida

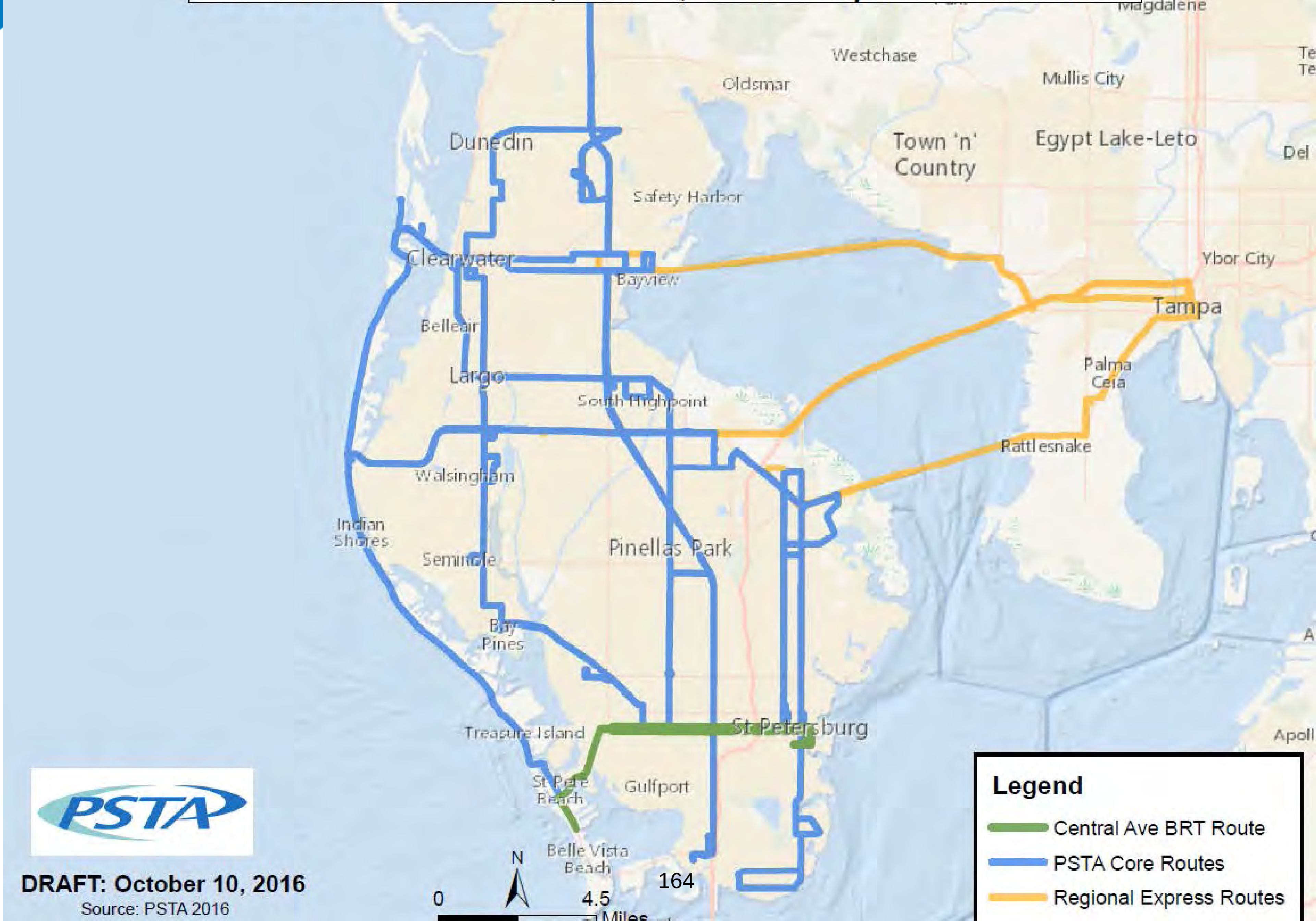
Proposed Central Avenue Bus Rapid Transit Alignment



Source: PSTA 2016

DRAFT: September 19, 2016

Central Ave BRT, Core, and Express Routes



DRAFT: October 10, 2016

Source: PSTA 2016

Benefits to St. Pete Beach

1. Bring Tourists Staying Downtown to Beach
2. Quick Access to Downtown for Residents
3. Provide Travel Option for Tourists Other than Car

Cost of Service in St. Pete Beach

- Annual Costs - $712,000
  - Operating
  - Station Maintenance and Vehicles
- One-time capital costs for station - $320,000

*Estimated costs are in FY2016 dollars

October 25th St. Pete Beach Action

Expression of Support for Project and Agreement to identify funding options by 6/30/2017

March 9, 2016

Ms. Lucy Garliauskas
FTA, Associate Administrator for Planning and Environment
United States Department of Transportation – East Building
1200 New Jersey Avenue, SE
Washington, DC 20590

RE: Pinellas Suncoast Transit Authority's Request to Enter the Small Starts Program Project Development Phase for the Proposed Central Avenue Bus Rapid Transit Project

Dear Ms. Garliauskas:

The Pinellas Suncoast Transit Authority (PSTA), with support from its many local and regional partners, is pleased to submit to the United States Department of Transportation Federal Transit Administration (FTA) our request to enter the Small Starts Program Project Development (PD) phase for the proposed Central Avenue Bus Rapid Transit (BRT) project, pursuant to the Fixing America's Surface Transportation Act (FAST) legislation. This letter describes the significant amount of planning already completed for this project and demonstrates PSTA's readiness to enter into PD and meet the associated requirements. We also want to thank FTA staff for participating in conference calls and meetings to discuss the project and provide valuable insight.

In accordance with the FTA's Final Interim Policy Guidance for the Capital Investment Program, the following sections of the letter, including links to completed reports and other key project materials, provide the information needed to approve PSTA's request to enter PD.

Study Sponsor and Partner Roles and Responsibilities

PSTA is the study sponsor for the Central Avenue BRT and has led the planning work accomplished to date. FTA will serve as the lead review agency. Local and state partners in this effort include the Florida Department of Transportation (FDOT), the Pinellas Metropolitan Planning Organization (MPO), and the City of St. Petersburg. Additionally, the Pinellas County and the Cities of Madeira Beach, Treasure Island, St. Pete Beach, and South Pasadena will be consulted as stakeholders for local land use planning and transportation coordination.

The roles and responsibilities of PSTA's partners in the development of this project are listed below:

- FTA – Lead Review Agency
- FDOT (funding partner, technical review)
- City of St. Petersburg (funding partner, land use planning, local transportation coordination)
- Pinellas County MPO (socio-economic forecasts, technical review)
- Tampa Bay Area Regional Transportation Authority (regional coordination)

Other strong supporters of the project include the St. Petersburg Chamber of Commerce, the Central Avenue Business District, the Tampa Bay Beaches Chamber, and the Tampa Bay Rays.

Project Manager and Other Key Staff

PSTA will lead this project with assistance from one of PSTA's General Services Contractors, Parsons Brinkerhoff with Jacobs Engineering as a sub-consultant, procured under federal guidelines for qualifications based procurements.

Pinellas Suncoast Transit Authority
3201 Scherer Drive, St. Petersburg, FL 33716 • Phone: 727-540-1800 • InfoLine: 727-540-1900 • www.PSTA.net

Key PSTA staff include:

- **Project Manager** - Heather Sobush, AICP, Planning Manager
- **Project Oversight** – Casandra Borchers, AICP, Chief Development Officer
- **Public Outreach** – Bob Lasher, External Affairs Officer

Figure 1: Central Avenue BRT Route Alternatives

Description of the Study Corridor

The Central Avenue corridor stretches approximately 12 miles between Downtown St. Petersburg to the east and the Gulf Beaches to the west. Possible west end termini include St. Pete Beach, Treasure Island, and Madeira Beach, as shown in Figure 1. The corridor also provides a critical regional linkage by connecting visitors arriving at Tampa International Airport and entering Pinellas County via I-275 to the southern Pinellas County beaches, which have more than 3,900 hotel rooms.

Both downtown St. Petersburg and the beaches are major activity centers, connecting residents to jobs and community activities and tourists to various attractions in downtown and along the beaches. Within only a ½-mile of the corridor, there are more than 48,000 residents and 50,000 jobs. Major employers in downtown include Bayfront Health, All Children's Hospital/John Hopkins Medical, the University of South Florida-St. Petersburg, the Tampa Bay Times, and Duke Energy. Downtown St. Petersburg is also home to museums, research facilities, higher education institutions, a performing arts center, Tropicana Field (Tampa Bay Rays Baseball), and numerous restaurants and shops making it a popular place to live-work-play. The Central Avenue corridor contains several distinct districts that are in various stages of revitalization and growth, including strong growth in residential units in downtown. These include the Innovation District, the Central Arts District, the Edge District, the Warehouse Arts District, and the West Central District. Sections of the corridor are also part of three Community Redevelopment Areas (CRAs).

On the western end, the corridor serves the gulf beaches, which attract a large share of Pinellas County's 14 million annual visitors, including 5.8 million overnight visitors. Many lower income workers also commute to the beaches to service jobs at the numerous hotels and restaurants.

Purpose and Need

In 2012, PSTA conducted a comprehensive operational analysis, documented in the 2013 Community Bus Plan. The plan identified six key corridors for premium transit service, including Central Avenue. This corridor has also continually emerged as a key connection in local and regional studies.

The Central Avenue BRT is PSTA's top priority expansion project and provides a transit solution that will:

- ***Expand transit options to attract new riders and benefit existing riders, including those with a higher propensity for transit use such as the growing number of university students, millennials, tourists, moderate and low-income residents and workers, patients of medical centers, active seniors, and transit dependent residents.***

  The Central Avenue corridor serves two major activity centers including thousands of jobs, hotels, beaches, cultural attractions, healthcare centers, sports venues, and a vibrant downtown. In addition to the 17,000 people who live within a ½-mile of the corridor, more than 20 bus routes directly connect to neighborhoods north and south of the corridor providing convenient access to more than 120,000 people. Within the corridor and surrounding areas, 19% of the population is at or below the poverty level, 38% is minority, and 17% is age 65+. 13% of households in the same area do not have access to a car. The corridor also provides direct access to three institutes of higher education serving thousands of students, including the University of South Florida, St. Petersburg College, and JobCorps. In addition, the medical centers along the corridor serve thousands of patients each year.

With such as diverse population base and variety of destinations, the Central Avenue corridor serves multiple travel markets, including work, healthcare, education, community access, entertainment, and tourism. By providing high frequency transit service that operates in a bus-only lane during peak hours and late into the evening, the Central Avenue BRT is expected to reduce transit travel time in the corridor by 20% or more, thereby increasing the attractiveness of transit for new riders and benefitting existing riders.

- ***Support Pinellas County's tourism industry, which is its top economic driver.***
  Pinellas County's tourism industry brings more than 14 million visitors to Pinellas County each year, contributing over four billion dollars to the local economy. Of the more than five million overnight visitors, many stay in hotels along the southern gulf beaches and travel inland during their stay to the museums, restaurants, shops, sporting events, and community events in downtown St. Petersburg. These tourists already show a propensity to utilize the Suncoast Beach Trolley and Central Avenue Trolley – contributing to a rider profile on these routes that is different than the rest of the system. The Central Avenue BRT would attract more of these visitors with expedited service between the beaches and downtown.

- ***Foster development that supports local land use plans as well as long-term economic growth.***
  In the last decade, the City of St. Petersburg has invested heavily in multimodal transportation infrastructure in downtown St. Petersburg and the Central Avenue Corridor, including sidewalks, crosswalks, and bike lanes. This investment has contributed to the revitalization seen throughout the downtown area. A downtown housing boom has brought more mixed-use projects and denser residential properties. As the scarcity of land in downtown increases, this development has been expanding westward along the corridor. In keeping with long-term sustainable growth goals, local plans have designated the corridor as primarily Activity Center or Multimodal land uses, allowing for denser redevelopment that would further supporttransit. By providing a new premium transit option and expanding accessibility, BRT service will complement these plans, particularly in and around station areas.

Previous Studies

Numerous prior studies have proposed premium transit for the Central Avenue corridor. More recent studies include:

- *Central Avenue Bus Rapid Transit Alternatives Analysis*
- *Central Avenue BRT Extended Corridor Analysis*
- *Central Avenue Revitalization Plan (City of St. Petersburg)*
- *2013 Community Bus Plan*

The project is included in the Pinellas County MPO's 2009 Countywide BRT Plan, the fiscally constrained 2040 Long Range Transportation Plan, the Tampa Bay Regional Transportation Authority Master Plan, and in PSTA's Transit Development Plan.

Figure 2: 2013 Community Bus Plan

Proposed Project and Alternatives

Through the 2007 Alternatives Analysis process, a Locally Preferred Alternative was selected for the segment of the corridor from downtown St. Petersburg to 58th Street North. In this segment, the BRT would travel along 1st Avenues North and South, which are one-way in each direction on either side of Central Avenue. At the same time, three beach alternatives, including St. Pete Beach, Treasure Island, and Madeira Beach, were evaluated as termini for the route through an Extended Corridor Analysis Study.

Although Madeira Beach was recommended by this study, subsequent public outreach and stakeholder coordination indicated a preference for Treasure Island or St. Pete Beach to capture more of the tourism market. The 2013 Community Bus Plan recommended St. Pete Beach as the western termini. Beach terminus options, shown in Figure 1, will be evaluated further as part in PD.

Given the beach alternatives, the proposed Central Avenue BRT service would travel 10 to 14 miles with 12 to 16 stops in each direction between downtown St. Petersburg and the beaches. The service is proposed to run every 15 minutes and span from 5am to midnight seven days per week and to operate in an exclusive lane during peak hours along 1st Avenues North and South between downtown and 58th Street North. Other route optimization strategies will be evaluated during PD. Daily ridership is expected to be greater than 5,500, based on the 2007 Alternatives Analysis. Ridership estimates will be updated during PD using the STOPS model.

The Central Avenue BRT would use 5-7 (depending on the beach alternative selected) specially branded articulated hybrid buses, however, vehicle alternatives will be evaluated further. Vehicles chosen for this project would be accommodated within the existing maintenance facility, which has the capacity for an increased bus fleet. PSTA will engage a marketing consultant on the branding of the entire BRT network, which includes the Central Avenue BRT project as the first route.

Current Levels of Transit Service

The Central Avenue Trolley (CAT) currently provides 30 minute service between downtown St. Petersburg and Pass-a-Grille, via St. Pete Beach. The CAT travels 14.5 miles and serves 87 stops in each direction along Central Avenue, Pasadena Avenue, the Corey Causeway, and Gulf Boulevard. A one-way trip between downtown and the beach takes 33 to 40 minutes. Over 900,000 rides were taken on the CAT in FY2015. Four other routes travel along large portions of the Central Avenue Corridor. These include Routes 18, 52, and 97 which utilize the middle and eastern parts of the corridor and Route 90, which uses the western portion from Grand Central Station to St. Pete Beach. Routes 18 and 52 operate seven days a week and have weekday headways of approximately 20 minutes. Routes 90 and 97 provide peak hour commuter service for residents traveling to jobs on the beach and in the Gateway Area, respectively. Combined, these routes provide more than 2.8 million rides a year, helping make the Central Avenue corridor one of the highest ridership corridors in the Tampa Bay Region.

At Grand Central Station, about midway along the Central Avenue Corridor, riders can connect to 12 routes and in downtown St. Petersburg connections can be made to 17 routes. On the beach end, riders can connect to the Suncoast Beach Trolley to travel to destinations along the entire beach.

Cost Estimates

The Central Avenue BRT project's capital costs are estimated at $16.5 million ($1.4 million per mile), assuming 5 articulated buses and 25 stations. Capital costs also include right-of-way improvements and ticket vending machines. Capital funding is expected to be 25% PSTA funds, 25% State funds, and 50% FTA New Starts funds. Operating costs are estimated at $3 million per year assuming service from 5am-midnight with 15 minute headways, seven days per week. Operating costs will be funded through PSTA's existing revenues. Costs will be refined through the Project Development process.

Anticipated Cost to Complete Project Development and Commitment of Funds

PSTA is committed to completing all PD activities, including NEPA, as described in the attached scope, within 18 months. Project Development is anticipated to cost $700,000, $500,000 of which will be provided by the FDOT. PSTA will fund the remaining $200,000. The project is currently in the Pinellas County MPO's fiscally constrained Long Range Transportation Plan and the FDOT's Tentative Work Program. It will be included in the TIP/STIP in July 2016.

Project Schedule

Spring 2016 – Enter Project Development	Summer 2017 – Finalize Project Development
• Work with FTA staff to submit formal request • Select alternatives for environmental review • Begin agency coordination and public engagement	• Refine Financial Plan • Complete Small Starts Evaluation and Justification Package • Request inclusion in FY19 Budget Submission
Summer 2016 – Refine Project • Begin environmental impact analysis • Develop design concepts • Define project elements • Continue agency coordination and public engagement	**Fall 2018 – Request Construction Grant Agreement** **Summer 2019 – Anticipated Receipt of Construction Grant Agreement**
Early 2017 – Finalize Impact Analysis (NEPA) • Select Locally Preferred Alternative (LPA) • Update 2040 LRTP Cost Feasible Plan to include LPA	**Fall 2019 – Begin Construction** **Fall 2020 – Begin Revenue Service**

Conclusion

Premium transit, with greater frequency, longer hours of service, and reduced transit travel time, is important in the Central Avenue corridor to increase the mobility of a diverse group of people who utilize the corridor for a variety of trip types and to attract new riders, thereby reducing automobile travel and demand for parking at each of the destination ends. The Central Avenue BRT project supports economic development, local land use plans, the tourism industry, and the high quality of life enjoyed by residents. In addition, the City of St. Petersburg is very focused on the corridor as evidenced by redevelopment plans and large investments in multimodal transportation, including bike lanes, sidewalks, and crosswalks. The PD phase is the critical next step to advance PSTA's top priority expansion project. Please accept this letter as PSTA's request to enter the Capital Investment Program's PD phase.

If you have any questions, please contact me at 727-540-1807 or bmiller@psta.net. PSTA looks forward to your positive review of our request to enter into PD, and to working with you and your staff as the project advances.

Sincerely,

Brad Miller
Chief Executive Officer
Pinellas Suncoast Transit Authority

Cc: Dr. Yvette G. Taylor, FTA Regional Administrator, Region IV
Elizabeth Day, Director, FTA Office of Project Planning
Jennifer Hibbert, Director, FTA Office of Planning and Program Development
Brian Jackson, Community Planner, FTA Office of Planning and Environment
Jim Boxold, Secretary, FDOT
Ed Coven, State Transit Manager, FDOT
Paul Steinman, Secretary, FDOT District 7
Ming Gao, Modal Development Administrator, FDOT District 7
Elba Lopez, Transit Administrator, FDOT District 7
Darden Rice, PSTA Chair

Attachments: Central Avenue BRT Fact Sheet
Project Development Scope of Services and Budget
FDOT Work Program Documentation
Letters of Support

Attachments

PINELLAS SUNCOAST TRANSIT AUTHORITY

Central Avenue Bus Rapid Transit Small Starts Project

Bus Rapid Transit (BRT) in St. Petersburg's Central Avenue corridor from downtown St. Petersburg to the Gulf beaches is an ideal BRT "pilot project" for Pinellas County reflecting local priorities and local commitment to fixed guideway. This demographically diverse corridor represents the highest ridership corridor in the Tampa Bay Region.

The **goals of the Central Avenue BRT** project are to develop and implement successful BRT service that:

- Supports local revitalization and economic development plans;
- Supports tourism with a fast, convenient transportation alternative between two of Pinellas' major tourist centers;
- Attracts new ridership;
- Supports the unique character of the area; and
- Provides service in a cost-effective manner.

The Central Ave BRT will complement local service provided by the existing, and highly successful Central Avenue Trolley by providing **expedited, limited stop travel** from downtown St. Petersburg to the beaches, seven days a week on 1st Ave N (westbound) and 1st Ave S (eastbound).

The proposed BRT will serve only major stops in the corridor, cutting the current transit travel time from St. Pete to the beaches by more than a third.

Proposed Schedule

Spring 2016 – Enter Project Development
- Work with FTA staff to submit formal request
- Select alternatives for environmental review
- Begin agency coordination and public engagement

Summer 2016 – Refine Project
- Begin environmental impact analysis
- Develop design concepts
- Define Project Elements
- Continue agency coordination and public engagement

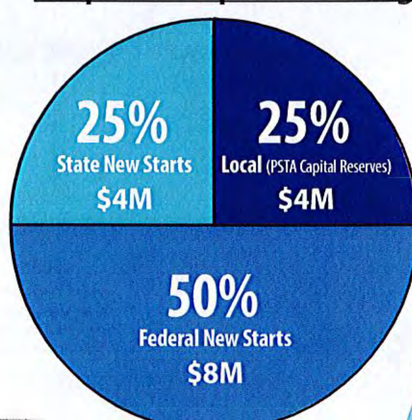
Early 2017 – Finalize Impact Analysis (NEPA)
- Select Preferred Alternative

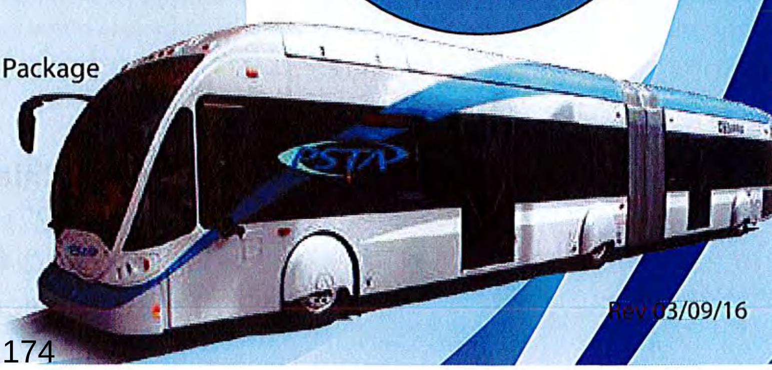
Summer 2017 – Finalize Project Development
- Complete Small Starts Evaluation and Justification Package
- Refine Financial Plan
- Request FTA Grant for inclusion in FY19 Budget

Summer 2019 – Anticipated Receipt of Construction Grant Agreement

Fall 2020 – Begin Revenue Service

Proposed Capital Funding





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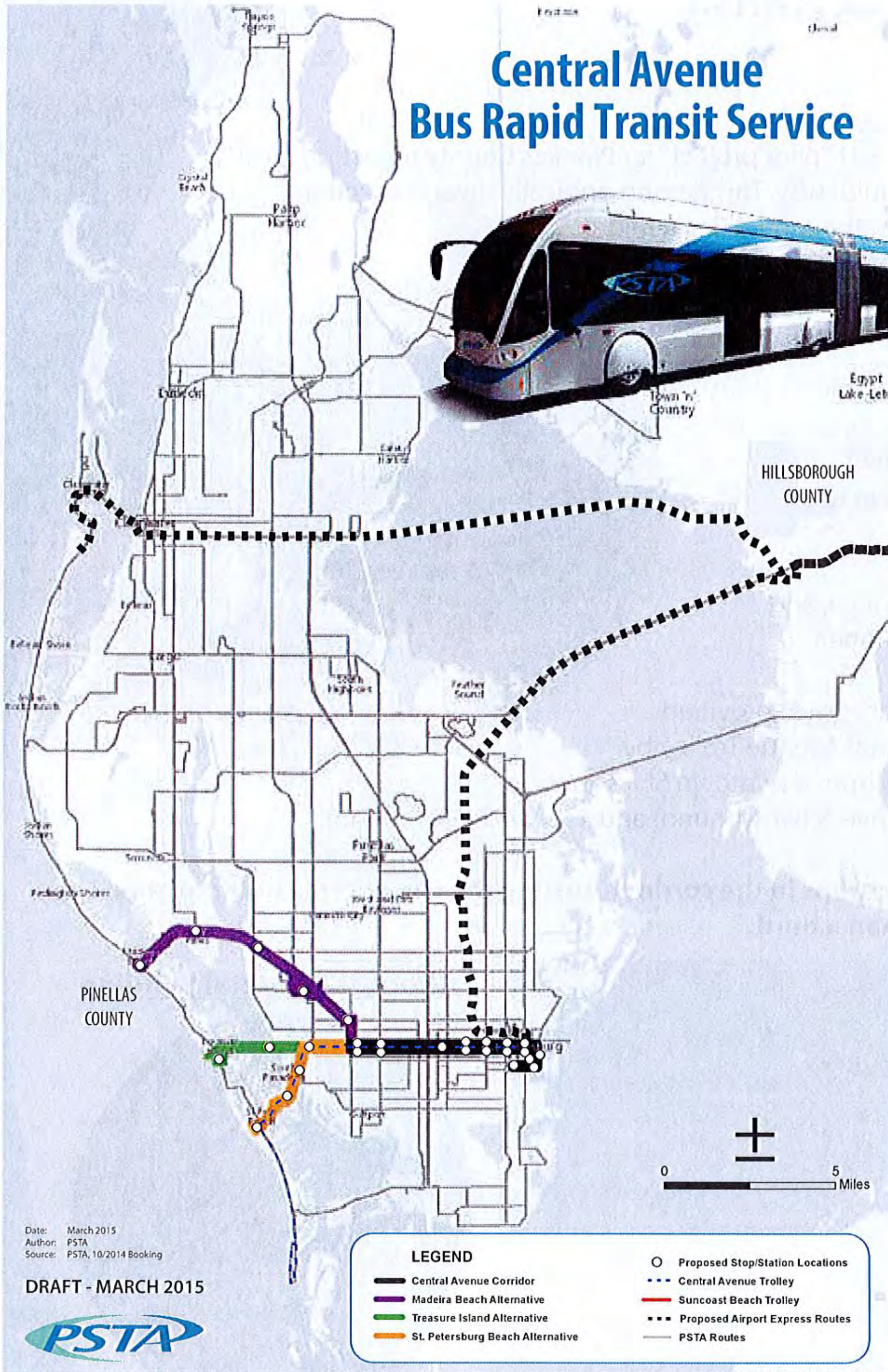


Serves Major Employers, Destinations, and Residential Areas:

- Downtown St. Petersburg's medical center and other major medical facilities.
- University of South Florida St. Petersburg
- Restaurants and shops
- Museums, Performing Arts Center and arts districts
- Tropicana Field
- Tourist destinations/employment on the Beaches
- Special events downtown and on the Beaches

Supports Community Plans and Investments:

- City of St. Petersburg Central Avenue Revitalization Plan
- Central Avenue Art in Transit Project ($2.8-$4M+ City Investments)
- St. Petersburg City-Chamber Economic Development Initiatives

Service Facts:

- Length of Route: 10-14 miles
- City of St. Petersburg Dedicated Right-of-Way along 1st Ave. N. and 1st Ave. S.
- Proposed Stops: 12-16 in each direction
- Proposed Frequency: Bus every 15 minutes
- Proposed Service Span: 5am-midnight
- Total Number of Vehicles: 5-7
- Total Capital Cost: $16.5M
- # of Jobs within ½ mile of Corridor: 25K
- # of People within ½ mile of Corridor: 48K

Supported By:

- Pinellas Suncoast Transit Authority
- City of St. Petersburg
- Pinellas County
- St. Petersburg Chamber of Commerce
- St. Petersburg Downtown Partnership
- Central Avenue Business District
- Tampa Bay Beaches Chamber
- Tampa Bay Rays Baseball
- Pinellas MPO

Brad Miller, PSTA Chief Executive Officer
Office: (727) 540-1807
Cell: (727) 459-9697
Email: bmiller@psta.net

MASTER SCOPE OF SERVICES
CENTRAL AVENUE BUS RAPID TRANSIT PROJECT
PROJECT DEVELOPMENT

In 2012, PSTA conducted a comprehensive operational analysis, resulting in the 2013 Community Bus Plan. The plan identified key corridors for premium transit service, including Central Avenue Corridor in St. Petersburg. This corridor has also continually emerged as a key connection in numerous local and regional studies. The Central Avenue corridor stretches approximately 12 miles between Downtown St. Petersburg to the east and the Gulf Beaches to the west. Possible west end termini include St. Pete Beach, Treasure Island, and Madeira Beach. The corridor also provides a critical regional link by connecting visitors arriving at Tampa International Airport and entering Pinellas County via I-275 to the southern Pinellas County beaches, which have more than 3,900 hotel rooms.

The Central Avenue BRT is PSTA's top priority expansion project and provides a transit solution that will:

- Expand transit options to attract new riders and benefit existing riders, including those with a higher propensity for transit use such as the growing number of university students, millennials, tourists, moderate and low-income residents and workers, patients of medical centers, active seniors, and transit dependent residents.
- Support Pinellas County's tourism industry, which is its top economic driver.
- Foster development that supports local land use plans as well as long-term economic growth.

This Scope of Services (Scope) is an agreement between the Pinellas Suncoast Transit Authority (PSTA) and Parsons Brinkerhoff (Prime)/Jacobs Engineering (Sub) (hereinafter referred to as the CONSULTANT) to conduct the Central Avenue Bus Rapid Transit (BRT) Project Development & Environment (PD&E) Study (hereinafter referred to as the Central Ave. BRT PD&E).

To construct the Central Ave. BRT project, it is anticipated that federal funding would be needed through a Capital Investment Grant (CIG) from the Federal Transit Administration (FTA). It is expected that a PD&E Study will be completed that satisfies all of the requirements for FTA Small Starts Evaluation and Justification Package. The provisions and requirements for work detailed in this Scope are guided by the following agencies and their respective project responsibilities:

- **Federal Transit Agency (FTA)** – Lead review agency
- **Pinellas Suncoast Transit Authority (PSTA)** — Project sponsor
- **Florida Department of Transportation (FDOT)** — Funding partner, technical review
- **City of St. Petersburg** — Funding partner, land use planning, local transportation coordination
- **Pinellas County MPO** — Socio-economic forecasts, technical review
- **Tampa Bay Area Regional Transportation Authority** — Regional coordination

Routine project guidance will be provided by the following:

- **Study Management Team** — PSTA, FDOT, and MPO staff, with City participation as needed
- **Downtown, Beaches, and Central Avenue Stakeholder Working Groups** — Neighborhood associations, business and community leaders, chambers of commerce, Central Avenue Council, Downtown Partnership, agency staff, and others as needed
- **Public Involvement** — All interested parties and participants

This Scope is designed to be completed in phases as described below:

Task	Description	Schedule
Task One Project Initiation and Corridor Analysis	Complete corridor analyses, guided by community input, culminating with the identification of alternatives for NEPA.	Spring /Summer 2016
Task Two Conceptual Design and Environmental Effects	Complete preliminary design and service plan guided by community consensus and complete the required efforts to satisfy NEPA through the completion of the PD&E.	Fall 2016 to Spring 2017
Task Three Documentation and FTA Small Starts Submittal	Submit Evaluation and Justification Package for FTA Small Starts Program (before 7/1/17).	Summer 2017
*Public engagement activities will be held during all three tasks.		

The following summarizes general work activities to complete this effort; the CONSULTANT will develop a detailed Scope with deliverables for each task.

1.0 PROJECT INITIATION AND CORRIDOR ANALYSIS

The CONSULTANT will initiate the Central Ave. BRT PD&E with intensive public consensus building, evaluation, and comparison of pertinent corridors, resulting in the selection of preferred corridor based on performance.

1.1 PROJECT INITIATION

The CONSULTANT will use previous planning work to develop a clear picture of unmet transportation needs. In consultation with PSTA, the CONSULTANT will review previous studies, such as the PSTA Community Bus Study, Central Avenue Alternatives Analysis, Pinellas Metropolitan Planning Organization (MPO) Long Range Transportation Plan (LRTP), Pinellas Alternatives Analysis, and others. The CONSULTANT will document the multi-step evaluation process; anticipating no more than three (3) corridors will be initially evaluated, followed by another round of evaluations focused on up to three (3) alternatives for design and environmental review. This effort will include identification of the No Build Alternative, corridor travel market analysis, and transit ridership forecasting.

Deliverables:

- Evaluation Plan
- Corridor Travel Market Assessment
- No Build Transit Ridership Forecast

1.2 MANAGEMENT AND COORDINATION

PSTA will coordinate with FTA to review the program requirements and confirm that requirements are met. PSTA will document agency roles and responsibilities with the creation of a Study Management Team (SMT) which is expected to include PSTA, FDOT, and MPO staff, with City participation on an as needed basis. The CONSULTANT will prepare the necessary coordination materials that support the SMT. The CONSULTANT will meet with PSTA as needed throughout the project.

Deliverables:

- Up to 14 progress meetings with PSTA Project Manager (Approximately 1 per Month)
- Up to 14 SMT meetings (Approximately 1 per Month)

The CONSULTANT will coordinate their work with any ongoing and/or planned projects that may affect this Study. The CONSULTANT will coordinate with local governmental entities to ensure Study concepts are compatible with local improvements and right of way activities. The CONSULTANT will coordinate with any agencies and/or entities that require further coordination through the Efficient Transportation Decision Making Process (ETDM).

1.3 CORRIDOR ANALYSIS AND SELECTION

The CONSULTANT will conduct all corridor analyses which will include Measures of Effectiveness (MOEs) that at minimum reference FTA guidance and are used to evaluate each corridor. The corridor analysis will focus on connecting to the Gulf Beaches, logical termini, potential stations, and vehicle technology. The result of this task will be the definition of three alternatives for design and environmental review. This effort will include evaluation of the corridor, definition of the recommended alternative(s) for environmental evaluation, ETDM screening, and scoping of environmental work with FTA.

Deliverables:
- Corridor Evaluation Summary
- Definition of Recommended Alternative(s) for NEPA review and evaluation
- ETDM Screening Summary

1.4 PUBLIC INVOLVEMENT

Public involvement includes communicating to and receiving input from all interested persons, groups, business owners, and government organizations regarding the development of the project. The CONSULTANT will support PSTA with all public involvement materials (e.g., newsletters, advertisements, handouts, exhibits, etc.) associated with the following tasks. All meetings and meeting participants are subject to change.

Deliverables:
- Public Involvement Plan and Report
- Advance Notification
- One (1) City and County Agency Kick-off Meeting
- Up to Six (6) Stakeholder Meetings for the Downtown, Beach, and Central Avenue Stakeholder Working Groups
- Up to Two (2) Public Corridor Workshops

1.4.1 PSTA Responsibilities

PSTA staff will support the Study by leading several engagement efforts with the community. These responsibilities include, but are not limited to the following:

- Individual One-on-One Meetings with Stakeholders and Other Interested Parties
- Website Communications
- On-line Surveys
- Social Media Communications
- Small Group Presentations
- Presentations to Agency Committees and Boards
- Public Outreach Materials

2.0 CONCEPTUAL DESIGN AND ENVIRONMENTAL EFFECTS

Based on the input collected and analyses conducted in the previous task, the CONSULTANT will move forward with development of the Central Ave. BRT conceptual design and its resulting environmental effects and costs.

2.1 CONCEPTUAL DESIGN

This Study is anticipated to require a Type II Categorical Exclusion. The CONSULTANT will perform the appropriate level of engineering analysis for this class of action. It is anticipated that the CONSULTANT will develop 30 percent design concepts appropriate for a FTA CIG Small Starts submittal.

The CONSULTANT will develop and analyze conceptual design alternatives to address project needs and objectives. The development of the conceptual design will consider a context sensitive system of complete streets. Consideration for complete streets will enable safe, convenient, and comfortable travel and access for users of all ages and abilities regardless of their mode of transportation. Efforts will include:

- Field Review and Preliminary Survey
- Geotechnical Review
- Traffic Data and Analysis
- Safety
- Non-Motorized Transportation
  - Pedestrian crossings
  - Concepts that accommodate bicyclists
  - Relationship between bike lanes and dedicated bus lanes
  - Options for buffered bicycle facilities
  - Options for separated/protected two-way bicycle facilities
  - Routing of bike lanes past transit loading platforms
- Interaction with other Utilities and Railroads
- Interaction with Roadway
- Station Locations
- Preliminary Stations Design
- Passenger Boarding and Alighting
- BRT Vehicles Technologies and Manufacture Specifications
- ITS and Parking

<u>Deliverables:</u>

- Preliminary Engineering Report
- Transit Infrastructure, Service, and Operating Plans
- Ridership and Revenue Forecasts
- Operating and Maintenance Cost Estimates
- Systems Elements and Cost Estimates
- Preliminary Engineering Report
- Phasing Plan (if needed)

2.2 ENVIRONMENTAL ANALYSIS

The CONSULTANT will coordinate and perform the appropriate level of environmental analysis for this Study. Pertinent data will be collected, analyzed, and summarized in the appropriate sections of the PD&E Document. The level of assessment depends on complexity of the project, level of controversy, potential for significant impacts and degree and quality of information/data available from previous activities. PSTA, in coordination with FTA, will identify conditions which do not require environmental evaluations in this PD&E Study. Efforts may include the evaluation of sociocultural, cultural, historic, natural resources, and physical environmental effects. Efforts may include the following:

- Sociocultural Effects
  - Social and Land Use Effects
  - Safety/Emergency Response
  - Title VI/VIII
  - Mobility/Transit Dependant
  - Economic
  - Aesthetics
- Cultural Resources
  - Archaeological and Historic Resources
  - Recreational, Section 4(f)
- Natural Resources
  - Special Designations
  - Permit Conditions
- Physical Effects
  - Traffic Effects
  - Noise and Vibration
  - Air Quality
  - Construction
  - Contamination

Deliverables:
Draft and Final Environmental Memoranda and Summary Documents

2.3 PUBLIC INVOLVEMENT

The CONSULTANT will continue to support PSTA with all public involvement materials (e.g., newsletters, advertisements, handouts, exhibits, etc.) associated with the following tasks. All meetings and meeting participants are subject to change, as follows.

Deliverables:

- Up to Three (3) City/County Coordination Meetings
- Up to Six (6) Stakeholder Work Sessions for the Downtown, Beaches, and Central Avenue Stakeholder Working Groups
- Up to Four (4) Public Workshops
- Up to Two (2) Environmental Forums

2.3.1 PSTA Responsibilities

PSTA staff will support the Study by leading several engagement efforts with the community. These responsibilities include, but are not limited to the following:

- Individual One-on-One Meetings with Stakeholders and Other Interested Parties
- Website Communications
- On-line Surveys
- Social Media Communications
- Small Group Presentations
- Presentations to Agency Committees and Boards
- Public Outreach Materials

3.0 REPORTS AND DOCUMENTATION

The CONSULTANT will use project evaluations and information to produce the appropriate Federal Grant Documentation Package for the CIG Small Starts Program. Specifically, documentation for the Small Starts program is required.

Deliverables:

- Small Starts Templates
- Cost Estimate (Standard Cost Category Worksheets)

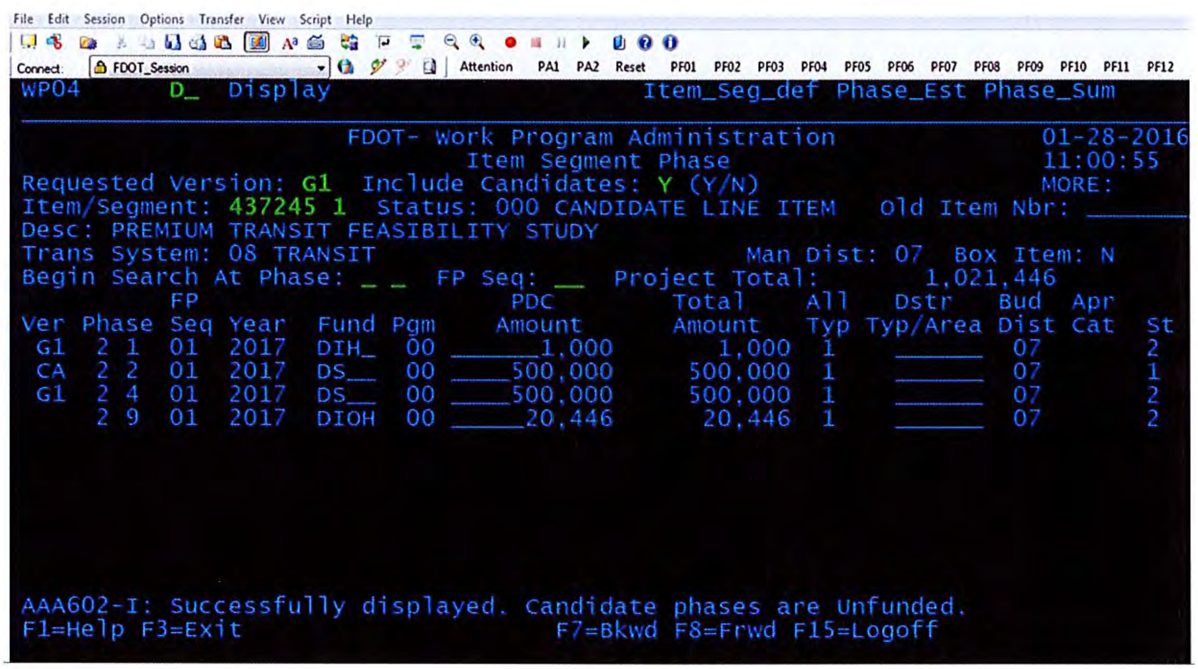
From: "Gao, Ming" <Ming.Gao@dot.state.fl.us>
Date: January 28, 2016 at 11:36:06 AM EST
To: "cborchers@psta.net" <cborchers@psta.net>
Cc: "Lopez, Elba" <Elba.Lopez@dot.state.fl.us>
Subject: Program for Central Avenue BRT Project Development

Good morning Cassandra,

Please see below a screen shot of our work program depicting the $500K we programmed for the Central Avenue BRT Project Development phase. This line item is currently shown as tentative but will become adopted in our new fiscal year starting on July 1, 2016. Please let us know if you have any questions.

Regards,

Ming Gao, P.E.
FDOT District VII Modal Development
11201 N. McKinley Drive
Tampa, FL 33612-6456
Office: (813) 975-6454
Cell: (813) 455-1136
Fax: (813) 975-6451


File Edit Session Options Transfer View Script Help
Connect: FDOT_Session Attention PA1 PA2 Reset PF01 PF02 PF03 PF04 PF05 PF06 PF07 PF08 PF09 PF10 PF11 PF12

WP04 D_ Display Item_Seg_def Phase_Est Phase_Sum

FDOT- Work Program Administration 01-28-2016
Item Segment Phase 11:00:55
Requested Version: G1 Include Candidates: Y (Y/N) MORE:
Item/Segment: 437245 1 Status: 000 CANDIDATE LINE ITEM Old Item Nbr: ______
Desc: PREMIUM TRANSIT FEASIBILITY STUDY
Trans System: 08 TRANSIT Man Dist: 07 Box Item: N
Begin Search At Phase: _ _ FP Seq: __ Project Total: 1,021,446

Ver	Phase	FP Seq	Year	Fund	Pgm	PDC Amount	Total Amount	All Typ	Dstr Typ/Area	Bud Dist	Apr Cat	St
G1	2 1	01	2017	DIH_	00	______1,000	1,000	1	______	07		2
CA	2 2	01	2017	DS__	00	____500,000	500,000	1	______	07		1
G1	2 4	01	2017	DS__	00	____500,000	500,000	1	______	07		2
	2 9	01	2017	DIOH	00	_____20,446	20,446	1	______	07		2

AAA602-I: Successfully displayed. Candidate phases are Unfunded.
F1=Help F3=Exit F7=Bkwd F8=Frwd F15=Logoff

MPO Pinellas County Metropolitan Planning Organization
310 Court Street. 2nd Floor. Clearwater. Florida 33756 • (727) 464-8250

February 12, 2016

Ms Therese W. McMillan, Acting Administrator
Federal Transit Administration
East Building
1200 New Jersey Avenue, SE
Washington, DC 20590

Dear Ms McMillan

On behalf of the Pinellas County Metropolitan Planning Organization (MPO), I am writing to encourage you to approve the Pinellas Suncoast Transit Authority (PSTA) request to enter Small Starts Project Development for the Central Avenue Bus Rapid Transit (BRT) Project. The proposed project is along one of the county's busiest transit corridors and would be a tremendous boost to our economy, industry and quality of life.

The Pinellas MPO first identified the Central Avenue corridor for premium transit in its Major Investment Study, completed in 2000. Numerous plans developed over years, including the Pinellas Mobility Initiative, the Countywide BRT Plan, the Central Avenue Corridor Alternatives Analysis, the Pinellas Alternatives Analysis, and the 2013 Community Bus Plan have reconfirmed the need for premium transit in the corridor and identified BRT as the preferred type of premium transit service. BRT service along the Central Avenue corridor is identified as cost feasible in the adopted Long Range Transportation Plan (LRTP) and is on the priority transportation project list for the Tampa Bay urbanized area.

For many years now, our county has struggled to meet the demands for improved transit service. Being able to bring this BRT project to fruition would be an integral step toward improving our region's transit service, as well as providing attractive and viable transportation options for residents, employees, and visitors. The Pinellas MPO strongly supports this project and has amended it into both the Transportation Improvement Program (TIP) and the LRTP Cost Feasible Plan to facilitate its implementation.

We are proud to be partners with PSTA on this project and look forward to the implementation of this long planned project.

Sincerely,

Jim Kennedy, Chairman
Pinellas County
Metropolitan Planning Organization

Cc: Dr Yvette Taylor, Federal Transit Administration, Region IV
PSTA Board of Directors

CITY OF ST. PETERSBURG

OFFICE OF THE CITY COUNCIL
Charlie Gerdes, Chair
District 1

December 17, 2015

Ms. Therese W. McMillan, Acting Administrator
Federal Transit Administration
East Building
1200 New Jersey Avenue, SE
Washington, DC 20590

Dear Ms. McMillan,

On behalf of the St. Petersburg City Council, I am writing to encourage you to approve the Pinellas Suncoast Transit Authority's (PSTA's) request to enter Small Starts Project Development for the Central Avenue Bus Rapid Transit (BRT) Project. The proposed project, located primarily within St. Petersburg, is along Pinellas County's busiest transit corridor. It would be a tremendous boost to our economy, industry, and quality of life while also serving as a vision of what preferred transit service could be throughout our community.

The Central Avenue corridor links many of our strong, traditional neighborhoods with several key commercial districts, our world-famous beach communities, and our Downtown core. Accordingly, the City of St. Petersburg remains steadfast in our dedication to the continued investment along the corridor as it is a primary urban redevelopment focus area that spans the entire width of St. Petersburg. Its success is vital to our sustained growth that provides our residents and visitors with improved quality of life.

Our commitment to this project is evidenced by our willingness to dedicate the exclusive use of a motor vehicle lane to the BRT on our city-owned streets of First Avenue North and First Avenue South during the peak hours as required to provide the premium service that is expected of bus rapid transit. The City will also work to provide enhanced pedestrian connections from the First Avenues to Central Avenue such that the facility is seamlessly integrated into our urban fabric for the city's 256,681 residents and the nearly six million visitors to Pinellas County each year.

For many years now our county has struggled to meet the demands for improved transit service. This project would have a major impact on helping to meet that growing demand. It provides a hefty return on investment that leverages the considerable investment the City has made in the Central Avenue corridor. Therefore, we are support the City's partnership with PSTA on this project, and look forward to the successful implementation of BRT for the residents and visitors of St. Petersburg and Pinellas County.

Sincerely,

Charlie Gerdes, Chair
St. Petersburg City Council

Cc: Yvette Taylor, Regional Administrator, Federal Transit Administration, Region IV
Bill Jonson, Chairman, PSTA Board of Directors
Brad Miller, Chief Executive Officer, PSTA

P.O. BOX 2842 · ST. PETERSBURG, FLORIDA 33731-2842 · TELEPHONE (727) 893-7117 · FAX (727) 892-5360

CHAMBER
ST. PETERSBURG AREA CHAMBER OF COMMERCE

THE CHAMBER BUILDING
100 SECOND AVE. N., SUITE 150
ST. PETERSBURG, FL 33701

T 727.821.4069
F 727.895.6326
www.stpete.com

November 12, 2015

Ms. Therese W. McMillan, Acting Administrator
Federal Transit Administration
East Building
1200 New Jersey Avenue, SE
Washington, DC 20590

Dear Ms. McMillan,

On behalf of the St. Petersburg Area Chamber of Commerce, I am writing to encourage you to approve the Pinellas Suncoast Transit Authority's (PSTA's) request to enter Small Starts Project Development for the Central Avenue Bus Rapid Transit (BRT) Project. The proposed project, located primarily within St. Petersburg, is along one of the Pinellas County's busiest transit corridors. It would be a tremendous boost to our economy, industry, and quality of life while also serving as a vision of what preferred transit service could be throughout our community.

The Central Avenue corridor links many of our strong, traditional neighborhoods with several key commercial districts, our world-famous beach communities, and our Downtown core. Accordingly, the City of St. Petersburg remains steadfast in its dedication to the continued investment along the corridor as it is a primary urban redevelopment focus area that spans the entire width of St. Petersburg. Its success is vital to our chamber members and sustained economic growth.

Our city leaders are offering the exclusive use of a motor vehicle lane to the BRT on city-owned streets of First Avenue North and First Avenue South during the peak hours as required to provide the premium service that is expected of Bus Rapid Transit. The City will also work to provide enhanced pedestrian connections along the corridor to ensure user friendly access for the city's 252,372 residents and the nearly six million visitors to Pinellas County each year.

For many years now our city and county have struggled to meet the demands for improved transit service. This project would have a major impact on helping to meet that growing demand. It provides a hefty return on investment that leverages the considerable outlay the City has made in the Central Avenue corridor. Therefore, we are proud to partner with the City of St. Petersburg and PSTA on this project, and look forward to the successful implementation of BRT for the residents and visitors of St. Petersburg and Pinellas County.

Sincerely,

Chris Steinocher
President/ CEO
St. Petersburg Area Chamber of Commerce

Cc: PSTA CEO, Brad Miller, FTA Region IV Administrator, Yvette Taylor

ST. PETERSBURG
DOWNTOWN PARTNERSHIP

244 Second Avenue North, Suite 201
St. Petersburg, Florida 33701
tel 727.821.5166 • fax 727.896.6302
www.stpetepartnership.org

January 28, 2016

Ms. Therese W. McMillan, Acting Administrator
Federal Transit Administration
East Building
1200 New Jersey Avenue, SE
Washington, DC 20590

Dear Ms. McMillan,

On behalf of the St. Petersburg Downtown Partnership, I am writing to encourage you to approve the Pinellas Suncoast Transit Authority's (PSTA's) request to enter Small Starts Project Development for the Central Avenue Bus Rapid Transit (BRT) Project. The proposed project, located primarily within St. Petersburg, is along one of the Pinellas County's busiest transit corridors. It would be a tremendous boost to our economy, industry, and quality of life while also serving as a vision of what preferred transit service could be throughout our community.

The Central Avenue corridor links many of our strong, traditional neighborhoods with several key commercial districts, our world-famous beach communities, and our Downtown core. Accordingly, the City of St. Petersburg remains steadfast in our dedication to the continued investment along the corridor as it is a primary urban redevelopment focus area that spans the entire width of St. Petersburg. Its success is vital to our sustained growth which allows St. Petersburg to be a city of opportunity where the sun shines on all who come to live, work and play.

Our city leaders are offering the exclusive use of a motor vehicle lane to the BRT on city-owned streets of First Avenue North and First Avenue South during the peak hours as required to provide the premium service that is expected of bus rapid transit. The City will also work to provide enhanced pedestrian connections from the First Avenues to Central Avenue such that the facility is seamlessly for the city's 252,372 residents and the nearly 6 million visitors to Pinellas County each year.

For many years, our city and county have struggled to meet the demands for improved transit service. This project would have a major impact on helping to meet that growing demand. It provides a hefty return on investment that leverages the considerable investment the City has made in the Central Avenue corridor. Therefore, we are proud to partner with PSTA on this project, and look forward to the successful implementation of BRT for the residents and visitors of St. Petersburg and Pinellas County.

Sincerely,

Joni James
CEO
St. Petersburg Downtown Partnership

TAMPA BAY BEACHES
CHAMBER of COMMERCE
The Beach is our Business

January 11, 2016

Ms. Therese W. McMillan, Acting Administrator
Federal Transit Administration
East Building
1200 New Jersey Avenue, SE
Washington, DC 20590

Dear Ms. McMillan,

On behalf of the Tampa Bay Beaches Chamber of Commerce membership, we urge you to approve the Pinellas Suncoast Transit Authority's (PSTA's) request to enter Small Starts Project Development for the Central Avenue Bus Rapid Transit (BRT) Project.

The proposed BRT line is expected to complement local service by supplying limited, expedited stops along Central Avenue from downtown St. Petersburg to the beaches. The aim of the Central Avenue BRT project is to serve several major employers and destinations, such as downtown St. Petersburg's medical center, the University of South Florida St. Petersburg, museums and special events downtown and at the beaches.

There approximately 25,000 jobs within a half-mile of the bus stop corridor and 48,000 people residing within that area, according to the PSTA. In addition, 15 million visitors come to Pinellas County each year and 94,000 are employed in the tourism industry in Pinellas County; 25 percent of those visitors are international and a significant amount are millennials, both of whom expect alternative transportation to cars. Central Avenue is the busiest transit corridor in the entire Tampa Bay region and we urge you to support PSTA's request and look forward to the implementation of the BRT.

Regards,

Robin Sollie, IOM
CEO / President

6990 Gulf Boulevard | St. Pete Beach, Florida 33706 | office: 727.360.6957 | fax: 727.360.2233
www.tampabaybeaches.com

St. Pete Beach City Commission
Agenda Report

Issue Considered:	Public Hearing for Conditional Use Case 2016-0045 for 5750 Gulf Boulevard.
Date:	October 25, 2016
Prepared By:	Jennifer Bryla, Community Development
Presented By:	Wayne Saunders, City Manager
Summary of Issue:	The applicant requests conditional use approval for a proposed a 217 room hotel, a 810 space multi-story parking structure, a timeshare sales center, a spa and fitness center, a marketing office, a pool bar, a Coral Reef reception area and other ancillary amenities transient lodging establishment. This conditional use request went before the Planning Board on September 20th and a 4-1 recommendation for approval was made. One of the Planning Board's recommendations was that a Developer's Agreement be drafted which clarifies all commitments made by the applicant. The Development Agreement is currently being drafted which will address certain development impacts, one of which is the impacts to the sewer system. As this Agreement has not been completed, the project cannot move forward. The project was however advertised and noticed. This requires the project to either be continued to a future date or withdrawn and re-advertised and re-noticed when all aspects are completed.
Requested Motion:	I move to continue CU 2016-0045 to a future date.
Reviewed by City Manager:	WS _________

St. Pete Beach City Commission
Agenda Report

Issue Considered:	Authorization for the City Manager to purchase GeoThermal Heat/Cool units from Symbiont Services Corp. for the Recreation Department in the amount of $87,944.00.
Date:	October 25, 2016
Prepared By:	Jennifer McMahon, Recreation Director
Summary of Issue:	The City Commission approved expenditures toward geothermal units for the aquatics center in the FY2017 budget. The purchase of the geothermal units is "piggy backing" on City of St. Petersburg bid from last year. Per our purchasing manual "Many items that may be bid will be found already under contract with the State, County, City or an association affiliated with government. Due to sheer size and volume, these prices may be lower than any other quotes received prior to bid. The city of St. Petersburg put out an IFB for geothermal units for their North Shore pool system in May 2014. They worked with a consultant on the bid specs for their pool and project. Only one company could meet the projects specs and that company, Symbiont Service Corp., was the only bid for the project. They are extremely happy with their work on the project and the results putting the geothermal units in at the aquatic center. Based on that bid process we recommend waiver a bid process and piggy back on to City of St. Petersburg's bid and award a contract to Symbiont Service Corp.
Funding:	This item is budgeted in account #001-6106-572-5649
Requested Motion:	"I move to authorize the City Manager to purchase of Geothermal Heat/Cool units from Symbiont Services Corp. for the Recreation Department in the amount of $87,944.00."
Attachments:	City of St. Petersburg bid tabulation and bid cover sheet, Symbiont Services Corp proposal.
Reviewed by City Manager	WS___

City of St. Petersburg

Notice to Contractors

Procurement & Supply Management

IFB No.: 7679	**Buyer:** Karen Dewar, CPPO, CPPB
Issue Date: Monday, May 12, 2014	**Phone:** 727-551-3406
Submittal Date: Thursday, May 29, 2014	**Fax:** 727-892-5325
Time Due: 3:00 p.m. ET	**E-mail:** karen.dewar@stpete.org

NOTICE IS HEREBY given that ***sealed bids*** will be received by the Procurement & Supply Management Director at his office located at the Municipal Services Center, One 4th Street North, 5th Floor, St. Petersburg, Florida for:

Project:	912-33 North Shore Aquatic Complex Geothermal Heater; Project No. 14220-017
Bid No.:	7679
Pre-Bid Conference:	2:00 p.m. ET, Wednesday, May 21, 2014
Pre-Bid Location:	North Shore Aquatic Complex 901 North Shore Drive N.E. Conference Room St. Petersburg, FL 33711
Submittal Deadline:	3:00 p.m. ET, Thursday, May 29, 2014
SBE Participation:	5%
Bonds:	Public Construction Bond 100 percent contract amount
Bid Guarantee:	Bid Bond of 5% of the bid price

It is the intent of this project to procure design/build services to replace the existing air source heat pumps with a new geothermal heating system, and all other work shown in the solicitation.

Site Visit Contact: Bryan Eichler, Project Manager
E-Mail: bryan.eichler@stpete.org; Phone No. : 727-893-7197

Submission of Bids – Bids must be submitted in a sealed envelope and properly identified with the mailing label provided identifying the bid number and bid submittal deadline. The sealed envelope must include one original bid, a duplicate hard copy, and one compact disc ("CD") copy of the entire bid, including Proposal pricing pages in Excel format as provided in bid packet, delivered in person, by messenger, or by U.S. Mail.

Bids shall be addressed and delivered to:

Louis Moore, FNIGP, CPPO, Director
Procurement & Supply Management
Municipal Services Center
One 4th Street North, 5th Floor
St. Petersburg, FL 33701

Plans and Specifications – Plans, specifications, contract documents and bid submittal forms are open to public inspection at the Procurement & Supply Management Department and are available from the City's website at www.stpete.org/purchase/solbidn.htm.

North Shore Aquatic Complex Geothermal Heating — BID TABULATION

Bid No.: 7679
Project No.: 14220-017
Bid date: May 29, 2014

Engineering & Capital Improvements Department, City of St. Petersburg, Florida

Item No.	Description	Quantity		Symbiont Service Corporation 4372 North Access Rd. Englewood, FL 34224	
		Totals-->		1	$ 313,728.00
		Surety-5% bond -->		Auto Owners Insurance Co.	
				1 @ unit $	total $
1	Geothermal Heating Project	1	LS	$ 268,452.00	$ 268,452.00
2	Allowance for Permit Costs	1	LS	$ 5,000.00	$ 5,000.00
3	Allowance for Unforeseen Conditions	1	LS	$ 15,000.00	$ 15,000.00
	Base Bid + Allowance				$ 288,452.00
	Add Alterante				
4	Add Alternate #1: Provide 1.72 Million BTUH	1	LS	$ 25,276.00	$ 25,276.00
					$ 25,276.00

BID TABULATION SUMMARY	1
Base Bid + Allowance	$ 288,452.00
Add Alterante	$ 25,276.00
Total:	$ 313,728.00

Symbiont Service Corp.

Go Green • Go GeoThermal

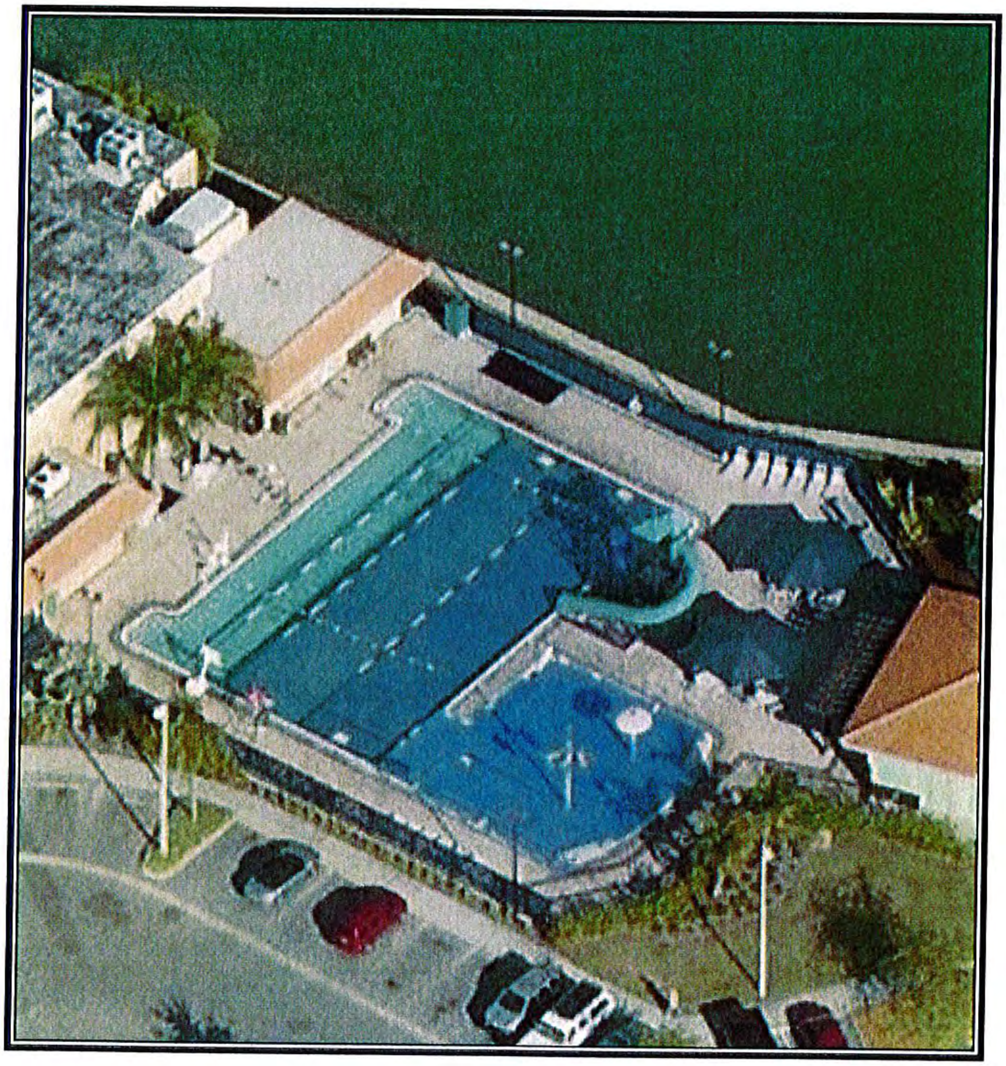
"One Company, One Call, Complete Comfort!"

Pool Heating • Air Conditioning

GEOTHERMAL POOL HEATING PROPOSAL

FOR

City of St. Pete Beach

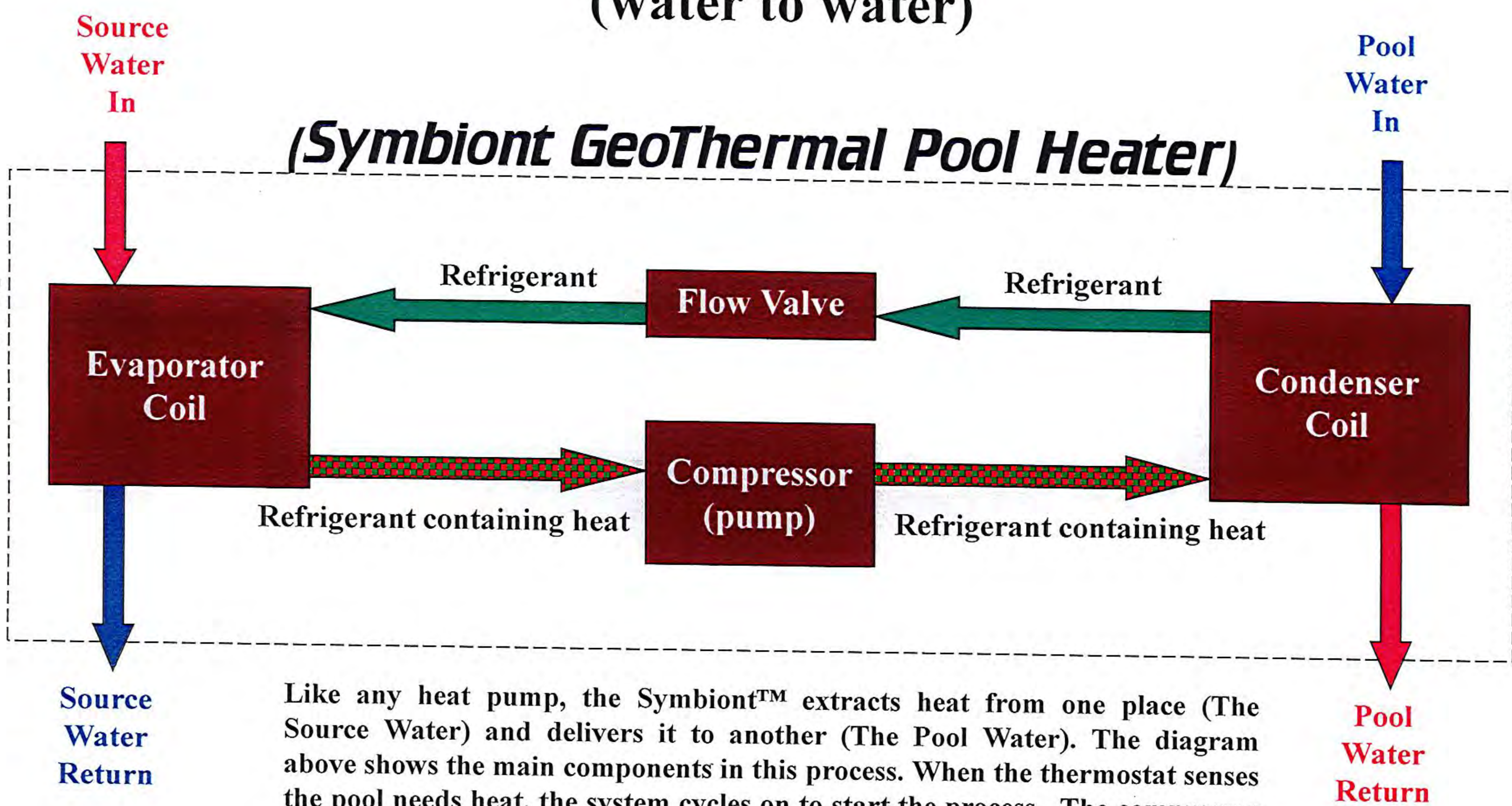


4372 North Access Road, Englewood, Florida 34224 • 941.474.9306 • Fax 941.473.9306 • GeoThermalFlorida.com

HOW A SYMBIONT™ WORKS

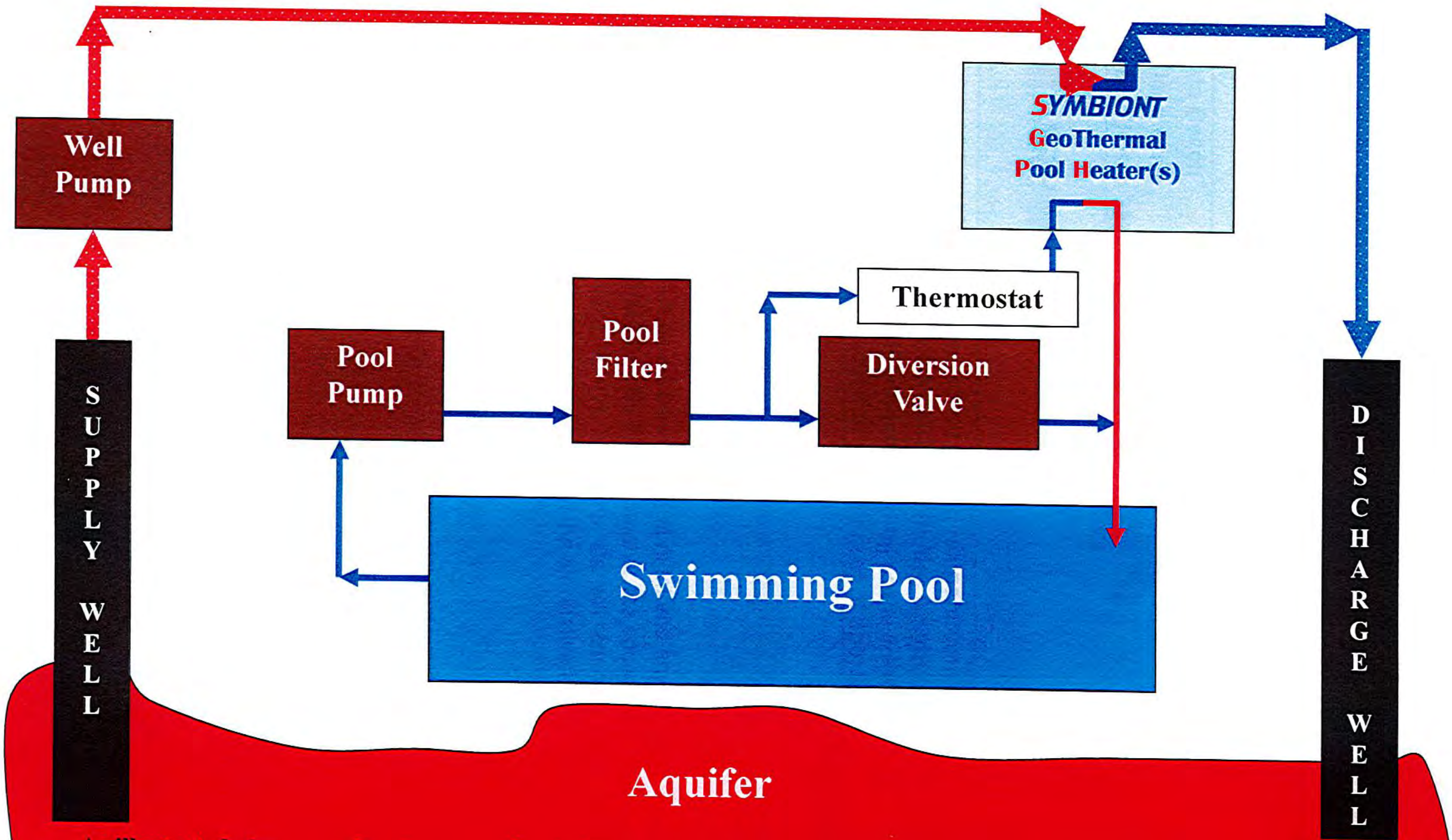
Heating Cycle

(water to water)



Like any heat pump, the Symbiont™ extracts heat from one place (The Source Water) and delivers it to another (The Pool Water). The diagram above shows the main components in this process. When the thermostat senses the pool needs heat, the system cycles on to start the process. The compressor moves refrigerant through the system, absorbing heat from the source water and transferring that heat to the pool water. The two waters *do not* mix. This cycle continues until the pool reaches its desired temperature, and the system will turn off.

Aquifer Wells as the Heat Source



As illustrated above, pool water passes by the Thermostat and through the heater prior to returning to the pool. When the Thermostat senses the pool needs heat the system cycles on and the well pump begins to deliver water to the heater(s). The well water and pool water never mix. The Symbiont then transfers the heat stored in the well water to the pool water through a refrigerant cycle detailed in a separate diagram. The transfer of free heat in a water to water system (GeoThermal) is much more efficient than that of an air to water system (standard heat pumps) or a heat generated system (gas heater). Because the ground water remains a constant temperature throughout the year, the Symbiont GeoThermal system can exceed the performance of either the standard heat pumps or the gas heaters. When the pool has reached the desired temperature the heater(s) and well pump will cycle off.

Symbiont Service Corp.

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Pool Heating • Air Conditioning

POOL HEATING SUBMITTAL DATA

PROJECT:

City of St. Pete Beach
7701 Boca Ciega Drive
St. Pete Beach, Florida 33706

GO GREEN

PRELIMINARY NOTES:

1. **Calculations are based upon the specified design temperatures and the other input data, including 30-year historic US Weather Bureau statistics for your geographic area. Since we have no control over the pool thermostat setting, or the weather incurred, we cannot, incurred, we cannot offer an expressed or implied cost of operation guarantee.**

2. An electric rate of $0.11 per KWH was assumed.

3. Proposal is based upon a 138,000 gallon pool.

4. It is assumed that all features pumps will be secured at night and anytime the outdoor air temperature drops below 70 degrees F. In 70F weather the cooling effect of the features, including waterfalls, slides, sprays, fountains, etc. will reduce the pool water temperature as the day progresses, depending upon the air relative humidity.

Symbiont Service Corp.

Go Green • Go GeoThermal

"One Company, One Call, Complete Comfort!"

Pool Heating • Air Conditioning

POOL HEATING SUBMITTAL DATA

PROJECT:

City of St. Pete Beach
7701 Boca Ciega Drive
St. Pete Beach, Florida 33706

GO GREEN

ESTIMATED SAVINGS:

Proposal for 83F Pool, Blanket At Night (During Heating Season)

PROJECTED COST OF OPERATION

Air Source Heat Pump Heating and Cooling	$	15,020.60
Symbiont Heating and Cooling	$	10,196.37
ANNUAL SAVINGS:	$	4,824.23

Keep in mind that the Symbiont units will perform better than "air source heat pumps.

The Symbiont units should last twice as long as "air source" heat pumps.

Therefore, geothermal is more cost-effective (and performs better).

xCityStPeteBchPool
06/13/2016

Symbiont Service Corp.

Go Green • Go GeoThermal

4372 North Access Road, Englewood, Florida 34224
941.474.9306 • 800.881.4328 • Fax 941.473.9306
GeoThermalFlorida.com • Info@SymbiontService.com

Pool Heating • Air Conditioning

"One Company, One Call, Complete Comfort!"

POOL/SPA HEATING/COOLING PROPOSAL

Lic #: CAC035549 • EC0002946
CBC1258380 • CPC1456477

Proposal Submitted To:

City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, Florida 33706

Job Name: Date: June 13, 2016

City of St. Pete Beach
7701 Boca Ciega Drive
St. Pete Beach, Florida 33706
727-363-9264

We hereby submit specifications and estimates for:

3 Symbiont Model PH-215-TT-RV GeoThermal Pool Heat/Cool Units
TT = titanium condenser and evaporator heat exchangers

Source Water: Well Water
2 6" x Aquifer Wells, Including Well Permits
1 Pump Installation
Well water trenching, piping and backfill

COPY

Use existing roof tie downs, if adequate
(includes modifications to work with new heaters).

Electric: Wire above equipment from existing heater circuits,
if adequate (includes upgraded breakers to new heaters).

Complete" installation including controlling digital thermostat. $ 87,944.00
* Local permits additional as required

Manufacturer's Limited Warranty:
One year Symbiont Service Corp. all parts and labor on the installation.
Five year manufacturer's labor on the Symbiont units.
Seven year manufacturer's all parts only on the Symbiont units.
Lifetime parts on titanium tube portion of the condenser and evaporator heat exchangers.
All work done to code. All current discounts and promotions have been applied.

The labor, material and equipment required for this job will be furnished by **Symbiont Service Corporation ("Symbiont")** for a total of:
Eighty-seven thousand nine hundred forty-four dollars and no/100 ------------------------------ $87,944.00
$26,383.00 Deposit With Order – Balance Billed per Attached Payment Schedule

Any alteration or deviation from the above scope of work involving extra costs will become an extra charge in addition to the quoted price based on time and materials pricing. Our workers are fully covered by Workmen's Compensation insurance. This contract consists of this proposal as well as the terms and conditions, all documents and exhibits referenced therein and the Limited Workmanship Warranty, all of which are hereby incorporated by reference. This proposal will be subject to withdrawal if not accepted within 30 days. Please make checks payable to "Symbiont Service Corporation".

I HAVE READ AND UNDERSTAND THIS PROPOSAL, THE TERMS AND CONDITIONS AND ALL DOCUMENTS AND EXHIBITS REFERENCED THEREIN AND AGREE TO BE BOUND BY THEIR TERMS.

ACCEPTANCE OF PROPOSAL: The above prices, specifications and conditions are satisfactory and are hereby accepted. Symbiont is authorized to do the work as specified. By signing below, Customer acknowledges that Customer is the owner of the property where work is to be performed.

Customer: ______________________
(print name)
Signature: ______________________
Date: ______________________

Respectfully submitted,
SYMBIONT SERVICE CORPORATION
By: Terry Cicchella

Symbiont Service Corp.

Go Green • Go GeoThermal

"One Company, One Call, Complete Comfort!"

COPY

ORDER ACKNOWLEDGEMENT AND PAYMENT SCHEDULE

Pool Heating • Air Conditioning

On behalf of the Symbiont Service Corp family, we wish to give a special thank you to **City of St. Pete Beach** for "Going Green" and being environmentally responsible by installing your new energy-efficient Symbiont System.

This is to confirm your order, as detailed on your Proposal, in the amount of **$87,944.00.** Upon receipt of the signed proposal, we will mail a package with the following items:
• Invoices/Request for Deposits • Partial Release of Liens, and • Payment Coupons
These are designed to help meet any needs you might have in your payment system

1. **Your Initial Deposit of $26,383.00 is due at this time.** Please sign and return the white copy of this Order Acknowledgement along with your check in the enclosed envelope – Thank you!
2. **Progress Payment #2 for $26,383.00 is due on the FIRST day of equipment installation.** Please have a check prepared for our Lead Installer to pick up that day.
3. **Progress Payment #3 for $26,383.00 is due on the LAST day of equipment installation.** Please have a check prepared for our Lead Installer to pick up that day. Symbiont will provide notice to you of the date of the final day of installation.
4. **Progress Payment #4 for $8,795.00 is due the day we start-up your equipment.** The actual start-up and balance of the equipment will be completed upon satisfactorily passing all permitting inspections and completion of electrical supply provided by the power company.
5. Please note that any additional changes and/or permits will be billed to you separately.
6. Shortly after your start-up, a Symbiont Service representative will perform a ***courtesy*** walk through with your Management and/or Maintenance staff to answer any questions or concerns that you may have as well as to explain the working of the system. Final payment is due before the ***courtesy*** walk through is performed.

Your warranty will begin the day of the start-up. Our goal is to offer your residents an unmatched Pool Heating experience while reducing our carbon footprint.
Please contact **Terry Cicchella,** your personal representative, with any questions you may have, and thank you again for your business.

Please sign and return the white copy of this Order Acknowledgement in the enclosed envelope.

Accepted For **City of St. Pete Beach** Dated

Symbiont Service Corp, Account Receivables Dated

Please return the White Copy with your Initial Deposit - The Yellow copy is for your Records
For your convenience use the enclosed coupons for each of your payments

4372 North Access Road, Englewood, Florida 34224 • 941.474.9303 • Fax 941.473.9306 • GeoThermalFlorida.com

The Symbiont Way™

Pool Heating • Air Conditioning
GeoThermal Comfort Solutions

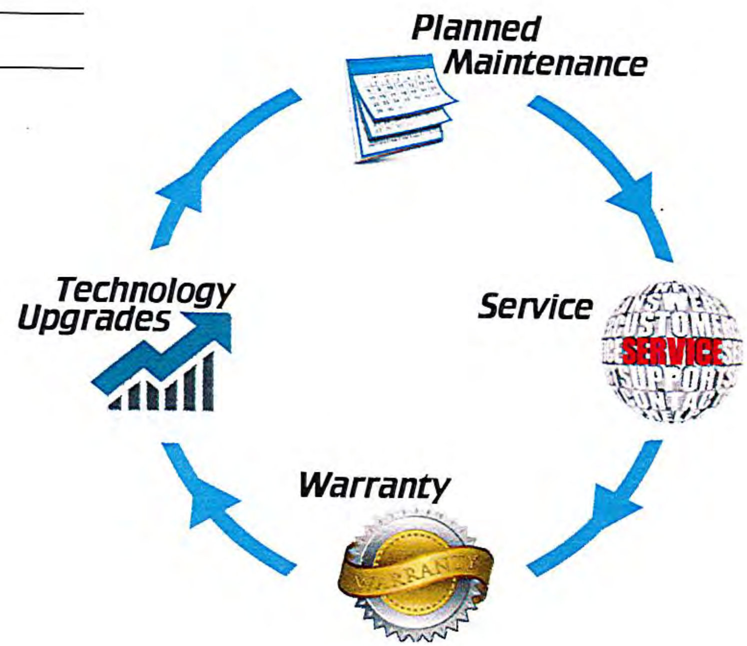
Getting Started...

1. Preinstallation Survey
   - ☐ ____________
2. Permits
   - ☐ ____________
   - ☐ ____________
   - ☐ ____________

Moving Forward...

3. Subcontractor Management
   - ☐ ____________
   - ☐ ____________
   - ☐ ____________
4. Installation
   - ☐ ____________
   - ☐ ____________
   - ☐ ____________
5. Customer Walk-Thru
   - ☐ ____________
6. 6-month Check-up
   - ☐ ____________
7. Follow Up ...from Your Sales Rep
   - ☐ ____________

Ongoing Customer Care...



Symbiont Service Corp.

"One Company, One Call, Complete Comfort!"

Office: 941-474-9306 -or- 800-881-4328

GeoThermalFlorida.com

Lic. # CBC1258380, CPC1456477, CAC035549, EC0002946

The Symbiont Difference

1. Vibration isolators – noise reduction
2. Engineered hurricane ties – meets code and safety standards
3. Concrete pad (reinforced commercial) – longevity
4. Directional bore piping – minimizes impact to landscaping
5. Engineered aluminum equipment racks – minimizing footprint
6. Spears valves and fittings – industry leader
7. Brass pressure/temperature ports – accurate start-up and balance for optimum performance
8. Isolation ball valves with Viton seals on all inlets and outlets of Symbiont units – for optimum balancing
9. Schedule 80 nipples on all pumps – eliminating torque cracks
10. Headers supported by unistrut and hangers – professional installation
11. All rigid schedule 40 pvc piping (no flexible pvc) – for durability and longevity
12. All pumps properly sized and engineered – optimum flow and performance
13. Symbiont interlocking controller and single digital thermostat operation – for simplified operation
14. Installations comply with National Electric Code and local Florida Building Code
15. Six month post-installation inspection – to confirm system is working at factory specifications
16. Factory authorized service center – removes the middle-man
17. In-house service department for entire system – *"One Company, One Call, Complete Comfort!"*
18. Fully stocked trucks – most repairs performed same day
19. Planned Maintenance program – maintain system life expectancy and efficiency
20. North American Technician Excellence (NATE) certified technicians – qualified service and maintenance technicians
21. Prompt service response time and 24-hour emergency service
22. Sole Source Solutions – *"One Company, One Call, Complete Comfort!"*
    a. We process all permitting
    b. We hire, coordinate, and pay qualified subcontractors, as needed
    c. We are State Licensed Contractors
        i. Electrical
        ii. HVAC
        iii. Building
        iv. Pool Service
    d. Complete turn-key installation
23. Providing peace of mind – more than 1,000 satisfied customers over 35 years of expertise.

Symbiont Service Corp.

Go Green • Go GeoThermal

"One Company, One Call, Complete Comfort!"

Pool Heating • Air Conditioning

Description of Operation & Specifications

MODEL PH-215-TT

Description of Operation

The SYMBIONT™ Geo-Thermal Pool Heater is a high quality, high performance, dedicated water-to-water package heat pump.

The SYMBIONT™ is designed to provide high performance operation on private and public pools and spas. Like gas, the SYMBIONT™ is totally unaffected by outdoor weather conditions and has a 15-20 year serviceable life expectancy.

The SYMBIONT™, while competitively priced with either solar heating systems or air source heat pumps, costs substantially less to operate than any air source available. When cost of operation and dependability are considered, the SYMBIONT™ has no equal.

When the pool pump is running, and on demand of the thermostat, the SYMBIONT™ pool heater and source water pump are energized to heat the pool.

Like any heat pump, the SYMBIONT™ uses a refrigerant vapor compression cycle to extract free heat from one place (the heat source, either a well, a lake, or canal) and deliver it to another (the pool or spa). All you pay for is the electricity used by the compressor and pumps.

Features

- Modular Design with Easy Piping and Wiring Access
- Painted Aluminum Cabinets with Raised-Base Aluminum Chassis
- Insulated for Quiet Operation
- High Efficiency Scroll Compressor with Inherent Motor-Protector
- Titanium Tube-Shell Heat Exchangers
- Refrigerant Liquid Receiver and Filter/Dryer
- Refrigerant Sight-Glass with Moisture Indicator
- Thermostatic Expansion Valve
- High and Low Pressure Switches
- Time Delay Compressor Protectors
- Electronic Digital Pool/Spa Thermostat
- Factory Installed Reverse-Cycle Summer Pool Cooling
- ARL or ETL Listed/Approved

Specifications*

Source EWT (Entering Water Temp)	65F	75F
BTUH Rating	199,014	221,545
COP	6.07	6.62
Source Water/Pool Water GPM	50	
Source Water Connections FPT	2"	
Compressor	13 HP	
Volts/Hertz/Phase	208-230/60/3	460/60/3
RLA	51.3	23
LRA	300	150
Minimum Circuit Ampacity	64.1	28.8
Maximum Breaker	100	40
Weight	520 lbs.	
Length/Width/Height	60" x 34" x 40"	

4372 North Access Road, Englewood, FL 34224, (941) 474-9306, (800) 881-4328, Fax (941) 473-9306

* Specifications subject to change.

December 2, 2014

St. Pete Beach City Commission
Agenda Report

Issue Considered:	Authorize the City Manager to execute a purchase agreement with Hall-Mark RTC in the amount of $157,800.00 with funds provided by Pinellas County EMS utilizing the Florida Sherriff's Bid to replace the 2001 Freightliner rescue unit located at fire station 22.
Date:	10/25/2016
Prepared By:	Ronnie Nifong, District Chief Adam Poirrier, District Chief
Through:	Jim Kilpatrick, Fire Chief
Summary of Issue:	Our current rescue truck was manufactured in 2001 and is in need of replacement. The City requested $170,000 from Pinellas County EMS for FY 2016 / 2017 and the request was approved along with the amended ALS First Responder Agreement reauthorizing staffing of Rescue 22 located at the south fire station on Pass-a-Grille. The Fire Department has been in the development phase for the replacement of the vehicle for several months and worked with several manufacturing companies (Hall-Mark RTC, E-One) for this purchase. The unit chosen was the lowest available price and part of the Florida Sherriff's Association, Florida Association of Counties & Florida Fire Chief's Association 2017 bid # 17 Additional equipment will be necessary for the completion of the project including a mobile data terminal and communications devices. The total cost of these items will not exceed the approved $170,000 and will be fully reimbursed by Pinellas County EMS. The department is requested that the Commission authorize the City Manager to execute a purchase agreement with Hall-Mark RTC for the purchase of the new rescue unit.
Funding:	Reimbursed by Pinellas County EMS for up to $170,000.00.
Requested Motion:	**"**I move to authorize the City Manager to execute a purchase agreement with Hall-Mark RTC for the replacement of the existing rescue unit in the amount of $157.800.00 priced using Florida Sherriff's Association bid # 17 utilizing Pinellas County EMS funds.

Attachment: EMS ALS First Responder Agreement
Amendment #1 EMS ALS First Responder Agreement
Hall-Mark RTC proposal

Reviewed by the City Manager: WS

2014

EMERGENCY MEDICAL SERVICES

ALS FIRST RESPONDER AGREEMENT

CITY OF ST. PETE BEACH

OCTOBER 1, 2014

PINELLAS COUNTY
EMERGENCY MEDICAL SERVICES AUTHORITY
12490 Ulmerton Road
Largo, FL 33774

TABLE OF CONTENTS

ARTICLE V
DUTIES AND RESPONSIBILITIES OF AUTHORITY

ARTICLE VI
INSURANCE AND INDEMNIFICATION

ARTICLE VII
COMPENSATION AND OTHER FINANCIAL PROVISIONS

ARTICLE VIII
TERM AND TERMINATION

ARTICLE IX
MISCELLANEOUS

EMERGENCY MEDICAL SERVICES
ALS FIRST RESPONDER AGREEMENT

AGREEMENT made this 20th day of October, 2014, between the CITY OF ST. PETE BEACH, a Florida municipal corporation("Contractor"), and the PINELLAS COUNTY EMERGENCY MEDICAL SERVICES AUTHORITY, a special district ("Authority").

RECITALS

1. The Authority is a special district created for the purpose of providing Emergency Medical Services throughout Pinellas County ("County"), pursuant to Chapter 80-585, Laws of Florida and Chapter 54, Article III, Pinellas County Code, as amended ("The Acts").
2. The Authority has determined that a single-tier all Advanced Life Support ("ALS") EMS system with a first responder component and a transport component is in the best interest of public safety, health and welfare.
3. The Authority has contracted with various municipalities and independent special fire districts in the County to provide First Responder Services (as defined herein) and has also contracted with an Ambulance Contractor to provide ALS emergency and non-emergency transport services.
4. The Authority wishes to continue to provide for the long-term direction and financial stability of the entire Emergency Medical Services system through working with the First Responder agencies to control costs.
5. Authority is authorized to enter into agreements for Emergency Medical Services and the Contractor is willing and able to provide First Responder Services (as defined herein).

NOW, THEREFORE, in consideration of the mutual covenants, terms and conditions herein set forth to be kept and performed by and between the parties hereto, it is agreed as follows:

ARTICLE I

THE AGREEMENT

SECTION 101. **RECITALS AND PURPOSE**. The foregoing recitals are hereby incorporated and made part of this Agreement. The purpose of this Agreement is to define the obligations and responsibilities of the Parties hereto with respect to the provision of ALS First Responder Services in the County.

SECTION 102. **COOPERATION**. The Parties shall cooperate and use all reasonable efforts, pursuant to the terms of this Agreement, to facilitate the terms of this Agreement. Accordingly, the Parties further agree in good faith to mutually undertake resolution of disputes, if any, in an equitable and timely manner so as to limit the need for costly, time-consuming, adversarial proceedings to resolve such disputes.

SECTION 103. **CONTRACT DOCUMENTS**. The following Appendices are attached to and made part of this Agreement:

Appendix A. ALS First Responder Units
Appendix B. Annual Compensation
Appendix C. ALS First Responder Contractor
Appendix D. EMS Districts
Appendix E. On-Scene Equipment Exchange Items
Appendix F. EMS Equipment
Appendix G. EMS Financial Information Attestation Form

Subject to Section 912, this Agreement, together with the foregoing Appendices, constitutes the entire Emergency Medical Services ALS First Responder Agreement between the Parties with respect to the provision of ALS First Responder Services, except to the extent that HIPAA (Health Insurance Portability and Accountability Act) requires additional agreements, which will be handled separately, and shall supersede any prior agreement, contract or memorandum of understanding between the Parties regarding such services.

SECTION 104. **SCOPE OF SERVICES.** The services to be performed by the Contractor under this Agreement include the following:

(a) The response of an ALS First Responder Unit to the scene of an EMS Incident.

(b) The on-scene Patient care by Field Personnel.

(c) The continuation of Patient care, when Contractor's Paramedic accompanies the Patient during transport by the Ambulance Provider or medical helicopter. The transport of Patients to a medical facility, in extraordinary circumstances, shall be in accordance with Florida Statute 401.33 and the then current Medical Operations Manual, Transport Protocols.

Such services shall be provided in accordance with the terms and conditions of this Agreement. The specific terms and conditions of this Agreement shall govern and prevail over this Section 104.

ARTICLE II
DEFINITIONS

SECTION 201. **WORDS AND TERMS**. Unless the context otherwise requires, capitalized terms used herein shall have the following meanings ascribed to them:

"ALS" means Advanced Life Support.

"ALS First Responder Services" means the response of an ALS First Responder Unit to an EMS Incident and, if necessary, on-scene Patient care by EMTs and Paramedics, all in accordance with the protocols of the Authority.

"ALS First Responder Station" means any location designated by the Contractor and approved by the Authority at which an ALS First Responder Unit, with the minimum staffing required herein, is located.

"ALS First Responder Unit" means any of the ALS permitted vehicles provided by Contractor under this Agreement and listed on Appendix A; each of which is equipped to provide Advanced Life Support services and is used for rapid response to an EMS Incident . ALS First Responder Units may include, but not be limited to: ALS engines, Transport capable rescue units and non-Transport capable rescue units.

"Advanced Life Support" means treatment of life-threatening medical emergencies through the use of techniques such as endotracheal intubation, the administration of drugs or intravenous fluids, cardiac monitoring, and cardiac defibrillation by a qualified person, pursuant to rules of the Department.

"Ambulance" means a vehicle constructed, equipped and permitted as an ALS Ambulance, pursuant to the rules of the Department for the transportation of Patients.

"Ambulance Contractor" means the entity selected by the Authority to provide ambulance service countywide.

"Annual Compensation" means the professional services fee listed on Appendix B, as may be adjusted pursuant to the terms of this Agreement.

"Annual External Audit" means an audit conducted by an external certified public accountant, retained by the Contractor, who at the end of each Fiscal Year verifies and attests that the Contractor has complied with the requirement to utilize EMS funds solely for EMS purposes in accordance with Section 706 through the submission of the form shown on Appendix G.

"Authority" means the Pinellas County Emergency Medical Services Authority, a special district established by Chapter 80-585, Laws of Florida, as amended.

"Authority Funded Unit" means an ALS First Responder Unit authorized and funded by the Authority pursuant to the terms of this Agreement.

"Automatic Aid/Closest Unit Response Agreement" means the agreement by and between every political subdivision and fire control districts within Pinellas County dated October 16, 1990.

"BLS" means Basic Life Support.

"BLS First Responder Unit" means a vehicle equipped to provide Basic Life Support only.

"Basic Life Support" means treatment of medical emergencies by a qualified person through the use of techniques described in the Emergency Medical Technician Basic Training Course Curriculum of the United States Department of Transportation.

"CAD" means the computer aided dispatch system.

"Caller" means a person accessing the response system by telephone.

"Continuing Medical Education" or "CME" means (1) the minimum required continuing medical education required for Emergency Medical Technicians and Paramedics to maintain certified status within the EMS System, the State of Florida, and where applicable, the National Registry of Emergency Medical Technicians; and (2) education for individuals who have a specific deficiency that must be corrected to maintain or restore their status within the EMS System.

"Contractor" means any one of the entities described on Appendix C.

"Contractor Funded Unit" means an ALS First Responder Unit, approved by the Executive Director, which is funded and operated by the Contractor for their operational flexibility, but, the additional Unit is not necessary for the Contractor to meet its obligations under the terms of this Agreement.

"County" means Pinellas County, Florida, a political subdivision of the State of Florida.

"County Certified" means authorized to work in the EMS System in accordance with requirements established by the Medical Control Board, the Medical Director and approved by the Authority.

"Department" means the State of Florida Department of Health.

"Disaster" means an occurrence of a severity and magnitude that normally results in death, injuries and/or property damage and that cannot be managed through routine procedures and resources of the EMS system.

"Emergency Medical Technician" or "EMT" means any person who is trained in Basic Life Support, who is County Certified and who is certified by the Department to perform such services in emergency situations.

"Emergency Medical Services" or "EMS" means the services provided by the Contractor pursuant to Section 104.

"EMS Advisory Council" means the advisory board established by the Special Act. **"EMS Districts"** means the districts designated by Authority pursuant to the Special Act and shown on Appendix D.

"EMS Emergency" means any occurrence or threat thereof in the County, any municipalities therein, or in Pasco, Hillsborough or Manatee County, which may result in unusual system overload and is designated as an EMS Emergency by the Executive Director or Authority.

"EMS Equipment" means the equipment listed on Appendix F, as may be amended from time to time by the Executive Director.

"EMS Incident" means an emergency or non-emergency request processed through the Regional 9-1-1 Center that needs or is likely to need medical services.

"Emergency Response" means, for the purposes of measuring response time compliance in Section 403, the act of responding to a request for services in which the Priority Dispatch Protocols have determined that red lights and sirens will be used.

"EMS Mill" means the ad valorem real property tax imposed by the Authority pursuant to the "Special Act", Laws of Florida, as amended.

"EMS Ordinance" means Chapter 54, Article III of the Pinellas County Code, as may be amended.

"EMS System" means the network of organizations and individuals, including, but not limited to the Authority, Ambulance Contractor, the Contractors, the EMS Advisory Council, the Medical Control Board and the Medical Director, established to provide Emergency Medical Services in Pinellas County.

"Executive Director" means the Director of the EMS System, or his or her designee.

"First Due Unit" means the ALS First Responder Unit, within Contractor's primary response area, predetermined to be the nearest to the EMS Incident, in accordance with Section 409 hereof.

"Field Personnel" means Paramedics and EMTs employed by Contractor.

"First Responder Services" means ALS First Responder Services.

"Fiscal Year" means the year commencing on October 1 of any given year and ending on September 30 of the immediately-succeeding year.

"Force Majeure" means any act, event, or condition, other than a labor strike, work stoppage or slowdown, that has had or may reasonably be expected to have a direct material adverse effect on the rights or obligations of either Party under this Agreement, and such act, event, or condition is beyond the reasonable control of the Party relying thereon as justification for not performing an obligation or complying with any condition required of such Party under this Agreement, and is not the result of willful or negligent action or a lack of reasonable diligence of the Party relying thereon. Such acts or events may include, but shall not be limited to: an act of God (except normal weather conditions for the County), epidemic, landslide, or similar occurrence, an act of the public enemy, war, blockade, insurrection, riot, general arrest or restraint of government and people, civil disturbance or similar occurrence.

"Medical Case Review" means a quality assurance review, informal investigation, medical case review or formal investigation hearing by the Medical Director and/or Medical Control Board into procedures and practices of Field Personnel.

"Medical Control" means the medical supervision of the EMS System provided by the Medical Director.

"Medical Control Board" means the board appointed by Authority pursuant to the EMS Ordinance and having the duties and responsibilities set forth in the EMS Ordinance.

"Medical Direction" means supervision by Medical Control through two-way communication or through established standing orders, pursuant to rules of the Department.

"Medical Director" means a licensed physician, or a corporation, association, or partnership composed of physicians, which employs a licensed physician for the purpose of providing Medical Control to the EMS System.

"Medical Operations Manual" means the clinical guidelines, prepared for the EMS System and approved by the Medical Control Board, as the same may be amended from time to time.

"On-Scene Equipment Exchange Program" means the Authority's program whereby an equipment item listed on Appendix E, which many be amended from time to time by the Executive Director, is employed by Contractor in the course of preparing a Patient for transport and the ambulance personnel replaces the same from its own on-board inventory.

"Paramedic" means a person who is trained in Basic and Advanced Life Support, who is County Certified, and who is certified by the Department to perform Basic and Advanced Life Support procedures pursuant to the provisions of state statute, regulations and the Medical Operations Manual.

"Party" or "Parties" means either the Authority or the Contractor, or both, as the context of the usage of such term may require.

"Patient" means an individual who is ill, sick, injured, wounded or otherwise incapacitated and is in need of or is at risk of needing medical care.

"Priority Dispatch Protocols" means the protocols adopted by the Authority, and as may be amended from time to time, governing the EMS System's response to the different types of service requests.

"Regional 9-1-1 Center" means the Communications Center and related telephone, radio and data systems operated and maintained by Pinellas County as the countywide Public Safety Answering Point for the purpose of receiving 9-1-1 calls from citizens; providing emergency medical dispatch following the Priority Dispatch Protocols; providing for the dispatch of all BLS and ALS First Responder Units to EMS Incidents; and providing for the ongoing communications via radio and wireless data systems.

"Response" means the act of responding to a request for services, which act begins when ALS First Responder Units are dispatched to an EMS Incident.

"Response Time" means the period of time commencing when an ALS First Responder Unit is dispatched to an EMS Incident and ending when Contractor's first ALS First Responder Unit arrives on the scene of the incident.

"Rules and Regulations" means the rules and regulations adopted by the Authority, which is subject to amendment.

"Run Cards" means the Regional 9-1-1 Center's computer aided dispatch software database that, based upon the location of the EMS Incident and a predetermined listing of ALS First Responder Units which the Contractor has determined to be the closest by travel time or most appropriate in ranked order, recommends the closest or most appropriate ALS First Responder Unit(s) to respond to EMS Incidents, or successor methods such as global positioning satellite (GPS) automatic vehicle location (AVL) systems.

"Special Act" means Chapter 80-585, Laws of Florida, as amended.

"Special Events" means non-emergency events, such as sporting events, parades, festivals and other group or mass gatherings, which may require BLS or ALS medical coverage.

"State" means the State of Florida.

"State of Emergency" means a Disaster which has been declared by proclamation of the State, County or a municipality in the County.

"Total Unit Hour Compensation" means Unit Hour Compensation multiplied by the number of Authority Funded Units provided by this Agreement.

"Transport" means the transportation of Patients to any destination by Ambulance.

"Uncontrollable Circumstance" means a Force Majeure, an EMS Emergency or a State of Emergency.

"Unforeseen Circumstances" means circumstances which could not reasonably be foreseen by the Parties at the time of execution of this Agreement.

"Unit Compensation" means the Annual Compensation in a Fiscal Year divided by the number of Authority Funded Units provided by this Agreement.

"Unit Hour Compensation" means the Unit Compensation divided by Eight Thousand, Seven Hundred and Sixty (8,760) Hours.

SECTION 202. **TERMS GENERALLY**. Whenever the context may require, any pronoun shall include corresponding masculine, feminine and neuter forms. The words "include", "includes" and "including" shall be deemed to be followed by the phrase "without limitation", except as the context may otherwise require. The words "agree", "agreement", "approval" and "consent" shall be deemed to be followed by the phrase "which shall not be unreasonably withheld or unduly delayed", except as the context may otherwise require.

ARTICLE III
REPRESENTATIONS

SECTION 301. **REPRESENTATIONS OF AUTHORITY**. Authority represents to Contractor that each of the following statements is presently true and correct:

(a) **Existing.** Authority has all requisite power and authority to carry on its business as now conducted and to perform its obligations under this Agreement and each document contemplated hereunder to which it is or will be a party.

(b) **Due Authorization**. This Agreement has been duly authorized by all necessary action on the part of, and has been or will be duly executed and delivered by Authority and neither the execution and delivery thereof, nor compliance with the terms and provisions thereof or hereof contravenes any existing law, judgment, government rule, regulation or order applicable to or binding on Authority.

(c) **Enforceability**. This Agreement constitutes a legal, valid and binding obligation of Authority enforceable against Authority in accordance with the terms thereof, except as such enforceability may be affected or limited by applicable bankruptcy, insolvency or similar laws, from time to time in effect, which affect creditor's rights generally and subject to usual equitable principles in the event that equitable remedies are involved.

(d) **Financial Capability**. Authority is fully capable, financially and otherwise, to perform its obligations hereunder, subject to availability of funds lawfully appropriated for the purposes provided in this Agreement.

(e) **No Litigation**. There are no pending, or to the knowledge of Authority, threatened actions or proceedings before any court or administrative agency to which Authority is a party, questioning the validity of this Agreement or any document or action contemplated hereunder, or which are likely, in any case or in the aggregate, to materially adversely affect the consummation of the transactions contemplated hereunder.

SECTION 302. **REPRESENTATIONS OF CONTRACTOR**. Contractor represents to Authority that each of the following statements is presently true and correct:

(a) **Existing**. Contractor is a Florida municipal corporation or independent special district having all requisite power and authority in Florida to carry on its business as now conducted, to own or hold or otherwise control its properties, and to enter into and perform its obligations under this Agreement and under each instrument described herein to which it is or will be party.

(b) **Due Authorization**. This Agreement has been duly authorized by all necessary action on the part of and has been duly executed and delivered by Contractor and neither the execution and delivery thereof, nor compliance with the terms and provisions thereof or hereof contravenes any existing law, judgment, government rule, regulation or order applicable to or binding on the Contractor.

(c) **Enforceability**. This Agreement constitutes a legal, valid and binding obligation of Contractor enforceable against Contractor in accordance with the terms thereof, except as such enforceability may be limited by applicable bankruptcy, insolvency or similar laws, from time to time in effect, which affect creditor's rights generally and subject to usual equitable principles in the event that equitable remedies are involved.

(d) **No Litigation**. There are no pending, or to the knowledge of Contractor, threatened actions or proceedings before any court or administrative agency to which Contractor is a party, questioning the validity of this Agreement or any document or action contemplated hereunder, or which are likely, in any case or in the aggregate to materially adversely affect the consummation of the transactions contemplated hereunder.

(e) **Financial Capability**. Contractor is fully capable, financially and otherwise, to perform its obligations hereunder subject to availability of funds lawfully appropriated for the purposes provided in this Agreement.

ARTICLE IV

DUTIES AND RESPONSIBILITIES OF CONTRACTOR

SECTION 401. **VEHICLES AND EQUIPMENT.**

(a) **Obligation to Provide Vehicles**. At all times during the term of this Agreement, Contractor shall provide the number of Authority Funded Units described on Appendix A. Contractor reserves the right to select and acquire vehicles and apparatus used in the performance of this Agreement.

(b) **Maintenance of Vehicles and Fuel**. Contractor shall be responsible for the maintenance and repair of ALS First Responder Units and for furnishing maintenance, equipment, supplies, repairs, spare parts, replacement vehicles and fuel. Contractor shall maintain records of maintenance and fuel in order to document that ALS First Responder Units are maintained and used in accordance with this Agreement.

(c) **Staffing of Vehicles**. Each ALS First Responder Unit shall be staffed in compliance with Chapter 401, Florida Statutes, with a minimum of one (1) Paramedic. Contractor shall maintain records of staffing in order to document that ALS First Responder Units are staffed in accordance with this Agreement.

(d) **Equipment and Supplies**. With the exception of equipment maintained by the Authority in Section 507, Contractor shall furnish and maintain all EMS Equipment, required to be provided by the Contractor pursuant to Appendix F. Contractor shall also be responsible for the cost of replacing outdated medical supplies as provided in Section 504, which are lost through inadequate stock rotation; as well as the cost of medical supplies which are lost, stolen, damaged, or unaccounted for due to Contractor's negligence. The Authority shall be responsible for the cost of any medical supplies which are lost, stolen, or damaged due to a cause other than Contractor's negligence. Contractor shall be subject to the Authority's On-Scene Equipment Exchange Program.

(e) **Medical Communications Equipment**. Contractor shall be responsible for the replacement of all medical communications equipment that is lost, stolen or damaged due to Contractor's negligence. Contractor shall also be responsible for all routine maintenance of such equipment. The Authority shall be responsible for the replacement of any medical communications equipment that is lost, stolen or damaged due to a cause other than Contractor's negligence.

(f) **Inspections**. Contractor shall allow representatives of the Authority and of the Medical Director to inspect ALS First Responder Units, equipment and ALS First Responder Stations as may be reasonably required to determine compliance with this Agreement.

(g) **Patient Care Reporting System Equipment**. Contractor shall be responsible for the replacement of all field equipment for the Patient Care Reporting System (e.g. notebook computers) that is lost, stolen or damaged due to Contractor's negligence. Contractor is responsible for providing and maintaining equivalent hardware for Contractor Funded Units. Contractor shall also be responsible for all routine maintenance of such equipment. The Authority shall be responsible for the replacement of field equipment for the Patient Care Reporting System that is lost, stolen or damaged due to a cause other than Contractor's negligence.

SECTION 402. **PRIORITY DISPATCH PROTOCOLS**. Contractor shall respond to EMS Incidents in accordance with the then current Priority Dispatch Protocols. Contractor and the Authority shall cooperate in implementing periodic enhancements and improvements to the Priority Dispatch Protocols.

SECTION 403. **RESPONSE TIME**. Response Time to not less than ninety percent (90%) of all EMS Incidents in a Fiscal Year which are (1) prioritized as an Emergency Response; (2) are within Contractor's EMS District as set forth in Appendix D; and (3) for which Contractor's ALS First Responder Unit is determined, in accordance with Section 409, to be the First Due Unit, shall be within seven (7) minutes and thirty (30) seconds or less; provided, however, that such Response Time standard shall not be applicable to Responses which occur during periods of Uncontrollable Circumstances or to Responses to remote areas or areas of limited accessibility, as requested by Contractor and approved by the Executive Director. The Authority and the Contractor desire to maintain Response Times for each EMS District at or below the Response Times now enjoyed by each respective EMS District. Such level of service is met by Authority Funded Units.

SECTION 404. **CONTINUING MEDICAL EDUCATION**. Contractor shall make available its EMS personnel for Continuing Medical Education as required by state regulation, Rules and Regulations and the Medical Control Board. Satisfactory participation by Contractor's EMS personnel in Continuing Medical Education provided and made available by the Authority shall constitute fulfillment of this obligation. Contractor shall be responsible for ensuring that its EMS personnel attend Continuing Medical Education training, either in classroom based training or distance learning methods as determined by the Medical Director, in accordance with the Rules and Regulations. Contractor may prepare and submit to the Executive Director a report evaluating performance of the CME program. Contractor shall use any prepared forms that the Authority requests it to use for this evaluation.

SECTION 405. MEDICAL QUALITY CONTROL.

(a) Medical Director. The Medical Director of the EMS System shall also serve as medical director of Contractor's EMS or ALS First Responder Services. Contractor may not use or employ another Medical Director for the provision of Emergency Medical Services within Contractor's EMS District.

(b) Rules and Regulations: Protocols. Contractor shall fully comply with the Rules and Regulations, including the protocols established in the Medical Operations Manual.

(c) Ride-Along. Contractor shall allow the Medical Director and the Executive Director or their representative to ride in ALS First Responder Units during Responses to EMS Incidents. However, such representatives shall conduct themselves in a professional and courteous manner, shall not interfere with Contractor's employees in the performance of their duties, except as necessary to assure protocol compliance and good Patient care, and shall at all times be respectful of Contractor's employee/employer relationship. The Medical Director, Executive Director, or their representatives, shall provide proof of employment, proof of workers' compensation insurance and shall complete any waiver or release forms which may be required by the Contractor prior to riding in ALS First Responder Units.

(d) On-Scene Patient Care. Contractor shall comply at all times with the Authority's protocol for on-scene control of Patient care. If Contractor's Paramedic is requested to ride to the hospital with the Ambulance Contractor's Paramedic, Contractor's Paramedic shall comply. Contractor's Paramedic may also decide to ride to the hospital with Ambulance Contractor's Paramedic. Contractor shall be responsible for the return of the Paramedic from the hospital.

(e) Special Events. In the event Contractor provides either BLS or ALS medical coverage at a Special Event in their EMS District, Contractor shall be under the auspices of the Authority, the Medical Control Board and the Medical Director. In providing medical coverage at a Special Event, Contractor shall comply with the Rules and Regulations and with the protocols established in the Medical Operations Manual. Authority Funded Units will not be used for dedicated special events coverage without the written approval of the Executive Director. Contractor and Authority will notify each other of large scale Special Events, which may require additional resources or adversely affect the EMS System, to ensure coordinated event coverage.

(f) **Quality Assurance**. Contractor shall adhere to the quality assurance and quality management program established by the Medical Director and shall participate in quality assurance reviews.

SECTION 406. **MEDICAL CASE REVIEWS**. Medical Case Reviews may include access to data, records review, written and verbal statements by Field Personnel and EMS Coordinator, and attendance at interviews and informal and formal hearings, in accordance with the then current EMS Rules and Regulations and Florida Statute 401.425. Contractor shall cooperate in obtaining such records, verbal and written statements and ensure that its Field Personnel attend Medical Case Reviews when reasonably requested.

SECTION 407. **PERSONNEL**.

(a) **Training and Qualifications**. All Field Personnel employed by the Contractor in the performance of work under this Agreement shall be trained and qualified at a level consistent with the standard established by the Authority for delivering Patient care and shall hold appropriate credentials in their respective EMS profession.

(b) **Standard of Conduct**. Contractor's personnel shall conduct themselves in a professional and courteous manner at all times. Contractor shall address and correct any departures from this standard of conduct. Contractor's Field Personnel shall be easily identified as EMTs or Paramedics while on scene of an EMS Incident.

(c) **Part-Time Employment**. Contractor shall not unreasonably restrict its employees from seeking or performing part-time employment with Authority's Ambulance Contractor.

(d) **EMS Coordinator**. Contractor shall designate a County Certified Paramedic as the EMS Coordinator who will be responsible for performing or supervising, at a minimum, for:

(1) Reviewing Patient care records in accordance with procedures established by the Medical Director.

(2) Responding to EMS Incidents and overseeing Patient care in accordance with procedures established by the Medical Director.

(3) Monitoring Contractors' EMS personnel to ensure compliance with CME requirements.

(4) Monitoring Contractors' EMS personnel to ensure clinical competence and good customer

service.

(5) Attending and actively participating in EMS related meetings and quality improvement committees.

SECTION 408. STATE OF EMERGENCY ASSISTANCE, EMS EMERGENCY AND MUTUAL AID

(a) State of Emergency Assistance Within Pinellas County. Immediately upon notification by the Authority of a State of Emergency within Pinellas County, Contractor shall commit such resources as mutually agreed upon by the Parties, given the nature of the State of Emergency and shall assist in accordance with applicable plans and protocols mutually agreed upon by the Parties. During a State of Emergency, Contractor shall be released from the requirements of Section 403 and the time requirements of Section 704(a). When Contractor ceases providing assistance with the State of Emergency, Contractor shall resume normal operations as rapidly as is practical and notify the Authority's authorized representative that Contractor is able to resume normal operations considering exhaustion of personnel, need for restocking and other relevant considerations.

(b) State of Emergency Assistance Outside of Pinellas County. Contractor shall manage any State of Emergency assistance response outside of Pinellas County in a manner which does not prevent Contractor from rendering services in accordance with this Agreement.

(c) EMS Emergency. Immediately upon notification by the Authority of an EMS Emergency, Contractor shall assist in the locality where the EMS Emergency has occurred. The level of assistance provided by Contractor shall be mutually agreed upon by the Parties.

During an EMS Emergency, the Contractor shall be released from the requirements of Section 403. When Contractor ceases providing assistance during an EMS Emergency, Contractor shall resume normal operations as rapidly as is practical considering exhaustion of personnel, need for restocking, and other relevant considerations. During the course of an EMS Emergency, Contractor shall use best efforts to continue to provide local ALS emergency coverage.

(d) Mutual Aid. Mutual aid responses outside of Pinellas County, rendered by the Contractor outside of Pinellas County that are not due to a State of Emergency or EMS Emergency, shall be performed in accordance with the terms and conditions of this Agreement.

SECTION 409. AUTOMATIC AID/CLOSEST UNIT RESPONSE. Upon notification by the Regional 9-1-1 Center of an EMS Incident, Contractor shall provide ALS First Responder Services in accordance with the Automatic Aid/Closest Unit Response Agreement. The ALS First Responder Unit which is predetermined to be the closest to the emergency scene, by the Run Cards, shall be dispatched without regard to EMS District or jurisdictional boundaries. In the event that the Automatic Aid/Closest Unit Response Agreement is terminated, Contractor shall provide ALS First Responder Services in accordance with the then current Run Cards for all EMS Incidents. The Contractor's authorized representative will periodically, or at the request of the Authority, update their Run Cards to insure their accuracy and coordinate any changes with any affected Contractor(s).

SECTION 410. **MEDICAL SUPPLIES AND INVENTORY CONTROL**. Contractor shall establish and implement inventory control procedures for the stocking and use of medical supplies. Contractor shall report, as of September 30th during each year this Agreement is in effect, the balance of all medical supplies held by the Contractor in inventory. Such report will list the item's identification number, the item's description, and the quantity held. Contractor will report the quantity of medical supplies which are lost, damaged, or unaccounted for, due to Contractor's negligence, and medical supplies unusable due to inadequate stock rotation. Contractor agrees to not maintain more than thirty (30) days of medical supplies in stock based upon historical use. Contractor shall maintain inventory records that identify all ALS First Responder Unit supplies issued from stock, and will keep stock under lock so that access is limited to only authorized personnel. Contractor shall adhere to inventory control procedures that the Authority may require, as long as they are reasonable and prudent. Contractor shall follow all federal, state and local laws and protocols in the distribution and handling of controlled substances. Contractor shall provide list of personnel authorized to receive controlled substances from the warehouse and any change to such list.

SECTION 411. **PATIENT CARE REPORTING SYSTEM**. Contractor shall cooperate with the Authority in refining and improving the fully-integrated, electronic patient care reporting system. This system shall meet the information needs of the Contractor, the Medical Director, the Medical Control Board and the Authority. Contractor shall gather and enter data into the Authority's electronic patient care reporting system for every Patient encountered and every EMS Incident responded to by the Contractor's Field Personnel. Operating costs of this information system shall be the responsibility of the Authority. The Executive Director shall determine the start date and implementation timeline to ensure seamless implementation in the EMS System.

The database of the Authority's patient care reporting system shall be fully comprehensive, including complete and integrated information on all EMS System activities beginning with the receipt of an EMS Incident; dispatch activities and Response Times; every Patient assessment and all treatment rendered while Contractor's Field Personnel are attending the Patient. Contractor shall require Field Personnel to comply with the completion of paper reports and the data entry requirements of the EMS System and insure the accuracy and completeness of such reports, as approved and periodically revised by the Authority. Authority agrees that the procedures used to implement and operate the electronic patient care reporting system shall be mutually agreed upon by the Parties.

Contractor shall have unlimited access, regardless of storage location or medium, to electronic patient care reports generated by the Contractor's EMS personnel and all dispatch-related data.

SECTION 412. UTILIZATION OF REGIONAL 9-1-1 CENTER.

(a) **Regional 9-1-1 Center**. Contractor shall utilize the Regional 9-1-1 Center for the dispatch of all BLS and ALS First Responder Units to EMS Incidents. Contractor shall utilize the Regional 9-1-1 Center's radio and data systems to include, but not limited to, computer aided dispatch (CAD) software, mobile communications terminal software, and the County's public safety and intergovernmental voice and data radio system.

Contractor shall provide and maintain all fire station alerting systems, base stations, pagers, fire station computers and peripherals, all mobile and portable radios except as provided in Section 503, and mobile communications terminals and radio modems to communicate with the Regional 9-1-1 Center's radio and data system following the County's technical specifications.

Authority shall provide and maintain, at no cost to the Contractor, all necessary broadband networking from Fire Stations to the Regional 9-1-1 Center's data system, and access to the County's 800MHz High Performance Data (HPD) system following the County's technical specifications.

Authority shall provide a mutually agreed upon appropriate planning phase, cost analysis, changes in the County's technical specifications, and implementation plan for any future upgrades or system changes.

Contractor shall ensure all frontline ALS First Responder Units are equipped with GPS enabled mobile communications terminals running mobile CAD software. Contractor shall ensure GPS enabled mobile communications terminals are kept in working order and repaired in a timely manner to ensure efficient and accurate dispatch.

(b) Requests for Emergency Medical Assistance. Should Contractor receive any request for emergency medical assistance, including walk-ins, Contractor shall record the address and telephone number of the caller, obtain the location and nature of the emergency, shall immediately respond to the request for emergency medical assistance, if appropriate, and shall immediately advise the 9-1-1 Center of the information received, and the Response initiated by Contractor, if any.

SECTION 413. **COMMUNITY INVOLVEMENT**. Contractor is encouraged to make available to their local community, health promotions and prevention education (i.e., CPR training, public access defibrillation programs, drowning prevention, health risk assessments). The programs may be developed by the individual contractor or in coordination with the Medical Director or the Authority.

SECTION 414. **LICENSURE AND CERTIFICATION**. Contractor shall maintain the appropriate licensure with the Department as an ALS provider. Contractor or Contractor's employees, as the case may be, shall be responsible for payment of any fees associated with EMS and Paramedic certification and recertification using funds provided under this Agreement.

SECTION 415. **ACCURATE INFORMATION**. Any news releases, statements, or public information given by the Contractor's or Authority's personnel to the public or the media shall accurately reflect the design and operation of the EMS system.

ARTICLE V

DUTIES AND RESPONSIBILITIES OF AUTHORITY

SECTION 501. **MEDICAL DIRECTION AND CONTROL**. The Authority shall be responsible for providing, or cause to be provided, Medical Direction and Medical Control to the Contractor.

SECTION 502. **CONTINUING MEDICAL EDUCATION**. Authority shall provide and make available to Contractor a Continuing Medical Education training program at multiple, regionally-located training sites and not at a single, centralized training site. Authority shall endeavor to utilize distance learning methodologies and technology to deliver CME training whenever possible.

SECTION 503. **MEDICAL COMMUNICATIONS EQUIPMENT**. Authority has provided, or shall provide, as applicable, one (1) 800 MHZ Mobile Radio, and one (1) 800 MHZ Portable Radio for each Authority Funded Unit approved on Appendix A. The radio equipment shall be installed in the Authority Funded Units by the Contractor and become Contractor's property. Contractor shall be responsible for such equipment, as provided for in Section 401(e) hereof. Authority shall be responsible for replacing such equipment at the end of a reasonable useful life, as determined by the Authority. Such equipment will be replaced through the County's "P25 Communications System Upgrade".

SECTION 504. **MEDICAL SUPPLIES**. The Authority shall provide and replace, as necessary, without cost to Contractor, the medical supplies used by Contractor in rendering Patient care under this Agreement. The Authority shall deliver, or cause to be delivered, all medical supplies, except controlled substances, every two weeks to Contractor's designated medical supply receiving location. Contractor's authorized representative shall sign for and pick up controlled substances at a central location designated by the Authority. The Authority shall not be responsible for costs of replacing inventory items lost, stolen, damaged or unaccounted for due to Contractor's negligence but the Authority shall be responsible for the costs of replacing inventory items lost, stolen damaged or unaccounted for due to a cause other than Contractor's negligence. Where applicable, Contractor shall relocate supplies nearing their expiration dates to ALS First Responder Units serving areas of higher demand within their EMS District. All medications and supplies shall be returned to the

Authority not later than sixty (60) days after the respective expiration dates. If such medications and supplies are not returned to Authority within sixty (60) days after their respective expiration dates, or at the direction of the Medical Director, Contractor shall be charged for the replacement of such supplies. A fully comprehensive narcotic control system shall be provided by the Authority to include boxes, electronic locks, and web-based tracking software.

SECTION 505. **EXTRAORDINARY MODIFICATIONS**. Notwithstanding the provision of Section 401(b) hereof, Authority shall separately provide and fund any modifications to ALS First Responder Units or equipment which may be required by the Authority and which do not constitute routine maintenance, repair or replacement.

SECTION 506. **BILLING**. The Authority shall have sole responsibility for submitting claims for transports made by either the Authority or by Contractor.

SECTION 507. **ECG EQUIPMENT AND MAINTENANCE**. The Authority shall provide all electrocardiogram (ECG) monitoring/defibrillation equipment and pulse oximetry/capnography equipment for Authority Funded Units including adequate spare equipment. Contractor agrees to continue using its current equipment on Authority Funded Units over its useful life which equipment will be maintained by the Authority and repaired or replaced at the Authority's option. The Authority shall be responsible for replacing such equipment at the end of a reasonable useful life, as determined by the Authority. At the point that the equipment is replaced with new equipment, the Contractor will transfer ownership of the equipment being replaced to the Authority who will trade in the used equipment to reduce the cost of replacement. Contractor will remain responsible for the purchase, maintenance and repair of equipment for Contractor Funded Units and may use the Authority's ECG bid to purchase identical equipment. Contractor shall be responsible for any repairs that are necessary due to Contractor's negligence.

SECTION 508. **BIOHAZARD WASTE COLLECTION**. The Authority shall provide or cause to be provided, the collection and disposal of all biohazard waste from ALS First Responder Stations on a periodic basis, no less than monthly. Contractor shall follow any procedures necessary for biohazard waste to be collected.

SECTION 509. **PATIENT CARE REPORTING SYSTEM EQUIPMENT**. Authority shall provide, as applicable, one (1) notebook computer or tablet computer for each Authority Funded Unit approved on Appendix A. The equipment shall be utilized on Authority Funded Units by the Contractor for the purpose of completing electronic patient care reports. Only Authority authorized software and peripherals may be utilized to ensure a highly reliable and coordinated system. Authority provided patient care reporting system equipment shall remain property of the Authority. Contractor shall be responsible for such equipment, as provided for in Section 401(g) hereof. Authority shall be responsible for maintaining such equipment and replacing it at the end of a reasonable useful life, as determined by the Authority. If EMS Grant funding is available, the Authority will provide equipment and software for Contractor Funded Units. Otherwise, the Contractor will be responsible for providing equipment and software for Contractor Funded Units at its discretion.

ARTICLE VI

INSURANCE AND INDEMNIFICATION

SECTION 601. **MINIMUM INSURANCE REQUIREMENTS**. Contractor shall be self-insured or shall pay for and maintain at least the following insurance coverage and limits as listed below. Insurance coverage and limits shall be evidenced by delivery to the Authority of: a certificate of insurance executed by the insurer(s) listing coverage and limits, expiration dates and terms of policies and all endorsements whether or not required by the Authority, and listing all carriers issuing said policies; and, a certified copy of each policy, including all endorsements. Where applicable, Contractor shall submit to Authority a letter from Contractor's Risk Manager stating that Contractor is self-insured, or the amount of insurance per claim and per occurrence, any gap and the amount of excess insurance up to its coverage. Notwithstanding anything to the contrary contained in this Agreement, Contractor does not waive any immunity or limitation of liability it may have under the doctrine of sovereign immunity or Section 768.28 Florida Statutes. The following insurance requirements shall remain in effect throughout the term of this Agreement (unless Contractor is self-insured, in which case Contractor shall not be required to comply with the following insurance requirements):

(a) Provide Workers' compensation insurance as required by Florida Law.

(b) Provide commercial general liability, employers' liability and commercial vehicle liability insurance that reflects the limits of liability for governmental entities in accordance with Section 768.28(5), F.S., should the State Legislature change these limits, coverage consistent with the revised limits shall be obtained.

(c) Professional Liability Insurance, including errors and omissions, with minimum limits of $1,000,000 per occurrence; if occurrence form is available; or claims made form with "tail coverage" extending three (3) years beyond the ending date of this Agreement. In lieu of "tail coverage" the Contractor may submit annually to the Authority a current certificate of insurance proving claims made insurance remains in force throughout the same three (3) year period. This coverage is subject to statutory and regulatory requirements of Federal, State or local law.

(d) Personal and/or Bodily Injury including death and property damage liability Insurance with minimum limits of $1,000,000 Combined Single Limit insurance in excess of all primary coverage.

SECTION 602. <u>**ADDITIONAL INSURANCE REQUIREMENTS**</u>. To the extent that Contractor maintains insurance policies rather than being self-insured, each insurance policy shall include the following conditions by endorsement to the policy:

(a) Each policy shall require that forty-five (45) days prior to expiration, cancellation, non-renewal or any material change in coverage or limits, a notice thereof shall be given to Authority. Contractor shall also notify Authority within twenty-four (24) hours after receipt of any notices of expiration, cancellation, non-renewal or material changes in coverage received by said Contractor from its insurer.

(b) Companies issuing the insurance policy, or policies, shall have no recourse against Authority or County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Contractor.

(c) The Authority shall be endorsed to the required policy or policies as an additional insured, exclusive of professional liability insurance. The additional insured clause covers the actions of the Contractor while providing services under the terms of this Agreement.

(d) The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by the Authority or the County, to any such future coverage, or to County's Self-Insured Retention of whatever nature.

SECTION 603. LIABILITY. Contractor and Authority agree to be fully responsible for their own acts of negligence or their respective agents' acts of negligence when acting within the scope of their employment, and agree to be liable for any damages resulting from said negligence. Nothing herein is intended to serve as a waiver of sovereign immunity or the limits of liability contained in Section 768.28, Florida Statutes, by the Contractor, County or Authority. Nothing herein shall be construed as consent by Contractor or Authority to be sued by third parties in any manner arising out of this Agreement. Contractor is not liable for the causes of action arising out of the negligence of the Authority, its employees or agents, or arising out of the negligence of any persons or entities contracted by, appointed by, or approved by the Authority to provide services related to this Agreement (including but not limited to other Contractors, the Ambulance Contractor, Medical Control Board and Medical Director). This Section 603 shall survive expiration or earlier termination of this Agreement.

ARTICLE VII

COMPENSATION AND OTHER FINANCIAL PROVISIONS

SECTION 701. COMPENSATION.

(a) **FY 2014 – 2015.** Authority and Contractor have agreed to an amount reflecting Contractor's submitted budget for EMS services during Fiscal Year 2014 – 2015. The approved budget amounts for the Fiscal Year commencing October 1, 2014, shall be equal to that shown on Appendix B.

(b) **FY 2015 – 2016 and FY 2016 – 2017.** Contractor represents that its projected budgets without including capital expenditures for rescue unit replacements for FY 2015 – 2016 and FY 2016 – 2017 are in the amounts shown on Appendix B. The Authority shall approve Contractor's budgets that are submitted for FY 2015-2016 and FY 2016-2017, which shall be prepared in the same manner as the budget submitted for FY 2014-2015, so long as said budgets are equal to or less than the amounts shown on Appendix B, and Authority shall pay Annual Compensation to Contractor for FY 2015-2016 and FY 2016-2017 in accordance with said approved budgets.

(c) **FY 2017 – 2018 and FY 2018 – 2019.** Should the Agreement be extended pursuant to Section 801 below, the Annual Compensation (not including capital expenditures) shall be adjusted by the lesser of the percentage increase in the Consumer Price Index for All Urban Consumers (CPI-U) for "Tampa-St. Petersburg-Clearwater, Florida" (Bureau of Labor Statistics Series CUUSA321SA0) as of January each year (to assist in accurate budget forecasting) for the most recent twelve (12) months or 125% of the annual percentage increase in the taxable value of those properties subject to the EMS mill. In no circumstances shall the Annual Compensation be reduced if the inflation adjustment is less than zero (0) percent in any given year. For these two (2) years, if EMS reserve funds are not sufficient to cover capital expenditures for rescue unit replacements, then the budget shall include sufficient funds to provide for necessary purchases of rescue unit replacements. Provided, however if , either the average change in CPI or property value for Fiscal Years 2014-2015, 2015-2016, and 2016-2017, using the calculation method above, provides for a greater Annual Compensation, the higher amount of these two alternatives will be the Annual Compensation to be paid to the Contractor.

(d) **Capital for Rescue Unit Replacement.** Authority will provide funding for Authority funded rescue units and the proportionate share of EMS Coordinator staff vehicles. Fire engines and other fire apparatus are not subject to EMS vehicle replacement funding. Units will be replaced after at least five (5) years, but no more than seven (7) years, of frontline service. Contractor represents that its projected capital replacement needs are as shown in Appendix B.

(e) **Payment.** Payments shall be paid monthly in arrears in (approximately) equal monthly installments.

(f) **EMS Reserve Funds.** Beginning in Fiscal Year 2014-2015 and through the term of this Agreement, inclusive of the 2-year extension, if extended, Contractor, through the Annual External Audit process delineated in Section 706 of this Agreement, may be reimbursed for up to 1.0% of the Fiscal Year's approved budget in which such expenditures were made for Authority funded EMS costs that exceed the Contractor's Annual Compensation for that Fiscal Year. Such payment shall be made by the Authority to the Contractor after receipt of the audit attestation shown in Appendix "G".

(g) If any proposed budget submitted by Contractor to the Authority for the following Fiscal Year should exceed the amount of the projected budget in FY 2015 – 2016 or FY 2016 – 2017 in Appendix B (as adjusted pursuant to subsection (f) above) or should exceed the amount of the inflation adjusted budget in FY 2017 – 2018 or FY 2018 – 2019, Authority and Contractor agree to reopen this Section 701 to negotiate no later than April 1 of the then current Fiscal Year the Annual Compensation for the following Fiscal Year. For any Fiscal Year in which Section 701 is reopened to negotiate the Annual Compensation for the following Fiscal Year, in the event that Authority and Contractor cannot reach agreement on the Annual Compensation by June 30 (or such later date agreed upon in writing by Contractor), this Agreement shall terminate on the last day of the then current Fiscal Year. In no event, unless separate agreement is made pursuant to the reopener provision of this subsection, shall the total expenditure of the Authority in any Fiscal Year exceed the total sum of the amounts shown on Appendix B plus any available EMS Reserve Fund provided in subsection (f) herein, or as calculated in subsection (c) plus any available EMS Reserve Fund provided in subsection (f) herein.

SECTION 702. **Reserved.**

SECTION 703. **DEDUCTION FOR FAILURE TO PROVIDE FIRST RESPONDER UNIT.**
In the event Contractor fails to provide an ALS First Responder Unit, or substitutes a BLS First Responder Unit instead of an ALS First Responder Unit, for an extended period (as described below) of time and without the advance approval of the Authority, the Authority may deduct an amount equal to the Contractor's Unit Hour Compensation multiplied by each hour or portion thereof for each day or portion thereof that the Contractor has failed to provide an ALS First Responder Unit. Such deduction shall be made from the following monthly Annual Compensation payment. For purposes of this Agreement, an extended period of time means, with respect to mechanical problems and personnel, more than four (4) consecutive hours in any given day, and with respect to training, more than ten (10) hours in any given day; provided however that Section 703 shall not be applicable when the Executive Director has waived the provisions of Section 703, or when Contractor has failed to provide an ALS First Responder Unit or substitutes a BLS First Responder Unit during periods of Uncontrollable Circumstances.

SECTION 704. <u>DEDUCTION FOR FAULTY DOCUMENTATION AND TRANSPORT PROTOCOL COMPLIANCE.</u>

(a) **<u>Faulty Documentation.</u>** In the event that the Contractor transports a Patient, under the extreme circumstances authorized by online Medical Control or in compliance with the then current Medical Operations Manual transport protocols, Contractor shall provide a billable Patient Care Report to the Authority. The report shall include, at a minimum, the medical reason for Transport, the Patient's condition, the Patient's name, the Patient's address, the Patient's social security number, Patient's telephone number, the origin and destination of the Transport, the Transport mileage, and all medical care rendered. Contractor's Field Personnel shall obtain the Patient's signature and any other signatures necessary to process a bill. The report shall be delivered to the Authority's EMS Billing Office within four (4) business days from the date of service. If such report is illegible, incomplete or is provided to the Authority greater than four (4) business days from the date of service, then Contractor shall be subject to a deduction of One Hundred Dollars ($100.00) for each such occurrence. The amount shall be deducted from the following monthly Annual Compensation payment.

(b) **<u>Transport Protocol Compliance</u>.** In the event the Contractor transports a Patient that is not authorized by online Medical Control or in compliance with the then current Medical Operations Manual transport protocols, then Contractor shall be subject to a deduction of One Hundred Dollars ($100.00) for each such occurrence. The amount shall be deducted from the following monthly Annual Compensation payment.

SECTION 705. <u>ADJUSTMENT FOR EXTRAORDINARY COST INCREASES</u>. Contractor may apply for and receive prospective compensation adjustments to the Annual Compensation as necessary to offset documented increases in Contractor's cost of production directly resulting from increases in the prices paid by Contractor for fuel due to Unforeseen Circumstances and subject to the following stipulations:

(a) Contractor must document, using generally accepted accounting procedures, the actual financial impact of the increased fuel prices upon Contractor's costs of production.

(b) Only the effects of increased direct fuel prices-excluding any effects of increased fuel consumption, overhead allocations and indirect costs-shall be considered.

SECTION 706. FUNDS TO BE USED SOLELY FOR EMS FIRST RESPONSE. Contractor recognizes that monies received hereunder are derived from the EMS Mill and that the EMS Mill, pursuant to referendum, has been dedicated solely to the provision of Emergency Medical Services. Contractor, therefore, agrees that funding provided under this Agreement will be used strictly for the provision of the services described herein.

Contractor shall have an Annual External Audit conducted by a Certified Public Accounting firm to verify the Authority funded EMS income, Authority funded EMS expenditures, and Authority funded EMS reserves. The Annual External Audit shall include the "EMS Financial Information Attestation Form" prepared by the Contractor and signed by the Contractor's auditor. The required "EMS Financial Information Attestation Form" is attached as Appendix G. Contractor shall provide to Authority the audited financial statement that includes the "EMS Financial Information Attestation Form" within ten (10) business days of Contractor's receipt of the Annual External Audit. The cost of the Annual External Audit will be expended from Contractor's EMS funds.

SECTION 707. FUTURE/ADDITIONAL SERVICES. Contractor and Authority understand that, in the future, health care delivery and Emergency Medical Services may evolve to include pathway management, an expanded scope of practice, primary care services or other activities where EMS resources provided under this Agreement may be used. Contractor and Authority shall discuss the manner in which such additional services shall be effected, evaluate the relationship of such services; and determine the impact of such services on the EMS system. Contractor's obligations shall be limited to those specifically set forth in this Agreement. Contractor shall not be responsible for providing any additional services unless Contractor agrees in writing to provide such additional services.

SECTION 708. ADDITIONAL UNITS.

(a) Authority Funded. During the term of the Agreement, the Authority may determine that additional Authority Funded Unit(s) are needed. Additionally, Contractor may request that consideration be given for approval of an additional Authority Funded Unit. If the Authority determines that additional Authority Funded Unit(s) are needed from Contractor, then Authority and Contractor shall negotiate a mutually-agreeable compensation for such additional

Authority Funded Unit(s). In those instances where the Contractor requests Authority to approve additional Authority Funded Unit(s), the Authority shall meet with the Contractor to determine the need for the requested Authority Funded Unit(s). If approved, the Authority will negotiate a mutually-agreeable compensation for such additional Authority Funded Unit, Units or Unit Hours. Compensation for such additional Authority Funded Unit(s), or Unit Hours, shall begin upon approval by the Authority.

(b) **Contractor-Funded**. Contractor and Authority understand that the EMS System is a unified, integrated system requiring the cooperation of all providers in the EMS System. To insure coordinated implementation of any improvements to the EMS System and to insure the integrity of the EMS System, if Contractor desires to operate additional ALS First Responder Unit(s) as a Contractor Funded Unit, Contractor will obtain approval from the Authority in writing prior to operating the Contractor Funded Unit. Contractor may elect to cease operation of a Contractor Funded Unit at its sole discretion. Contractor is responsible for all costs associated with staffing, equipping and operating such Contractor Funded Units. The Authority shall provide Medical Control and Medical Supplies for authorized Contractor Funded Units.

SECTION 709. **AUDITS AND INSPECTIONS**. At any time during normal business hours, and as often as may reasonably be deemed necessary, representatives of the Authority or Medical Director may observe Contractor's operations. Contractor shall make available to Authority for its examination, its records with respect to all matters covered by this Agreement, and Authority may audit, examine, copy, and make excerpts or transcripts from such records, and may make audits of all contract, invoices, materials, payrolls, inventory records, records of personnel, daily logs, conditions of employment, and other data related to all matters covered by this Agreement to the extent permitted by law.

Contractor shall make available to the Medical Director its records with respect to all clinical matters covered by this Agreement and the Medical Director may audit, examine, copy and make excerpts or transcripts from such records and inspections to the extent permitted by law.

The Authority's right to observe and inspect operations or records in Contractor's business office shall, however, be restricted to normal business hours, and reasonable notification shall be given the Contractor in advance of any such visit.

Records relating to contract activities shall be retained for three (3) years from final payment in each year.

All representatives of the Authority, Medical Control Board and Medical Director who observe Contractor's operations or audit or examine Contractor's records shall conduct themselves in a polite manner; complete any training required by law; and not interfere with Contractor's employees' duties. Audits and inspections shall be done to the extent permitted by law.

SECTION 710. FISCAL NON-FUNDING. In the event sufficient budgeted funds are not available for a new Fiscal Year, the Authority shall timely notify Contractor of such occurrence prior to the end of the current Fiscal Year and this Agreement shall terminate on the last day of current Fiscal Year.

ARTICLE VIII
TERM AND TERMINATION

SECTION 801. TERM. The initial term of this Agreement shall be for three (3) years, commencing October 1, 2014 and ending at midnight September 30, 2017, unless this Agreement is earlier terminated as provided for herein in this Agreement. This Agreement may be extended for an additional two (2) year period following the initial term, provided that the Parties mutually agree in writing to such extension which is subject to Authority and Contractor approval prior to July 1, 2017. References in this Agreement to "Term" shall include the initial term of this Agreement and all extensions thereof.

SECTION 802. TERMINATION.

(a) By Authority for Cause. This Agreement may be terminated by the Authority for cause upon twenty (20) days written notice to Contractor. For purposes of this section 802(a), "cause" shall mean (1) the event that Contractor, for any reason, fails to meet the licensing requirements in the State of Florida pursuant to the provisions of Chapter 401, Florida Statutes, or (2) a material breach by Contractor of any term, covenant or warranty contained in this Agreement; provided, however, that in the case of a breach of any term, covenant or warranty, the Authority shall provide written notice of such breach and Contractor shall have the opportunity to cure such breach within twenty (20) days of receipt of such notice or within such additional period of time mutually agreed upon by the Parties.

(b) **By Contractor for Cause.** This Agreement may be terminated by Contractor for cause upon twenty (20) days written notice to the Authority. For purposes of this section 802(b), "cause" shall mean a material breach by the Authority of any term, covenant or warranty contained in this Agreement; provided, however, that in the case of a breach of any term, covenant or warranty, Contractor shall provide written notice of such breach and the Authority shall have the opportunity to cure such breach within twenty (20) days of receipt of such notice, or, within such additional period of time mutually agreed upon by the Parties.

(c) **By Authority or Contractor Without Cause.** This Agreement may be terminated without cause by Contractor or the Authority upon six (6) months written notice to the other Party.

(d) **Provision of Emergency Medical Services Upon Termination.** In the event of termination of this Agreement by either Contractor or the Authority, Contractor shall continue to participate in the EMS System and Emergency Medical Services shall be provided in Contractor's EMS District in accordance with the Special Act and EMS Ordinance, and the Authority shall compensate Contractor in accordance with the Special Act.

SECTION 803. **RESOLUTION OF DISPUTES**. To the extent that Contractor and Authority cannot, after good faith attempts, resolve any controversy or dispute that may have arisen under this Agreement, except for any dispute concerning the Annual Compensation or §701, Contractor and Authority shall appoint an ad-hoc committee consisting of one mutually agreed upon representative from the Medical Control Board, the EMS Advisory Council, and the Pinellas County Fire Chiefs Association to facilitate a timely and effective resolution. The ad-hoc committee shall meet as often as necessary under the circumstances in an attempt to resolve the controversy or dispute. The committee shall review each Party's submittal of its interpretation of the Agreement and may request additional information as necessary. The committee shall complete its review within sixty (60) days of the date that the Committee is notified of the controversy or dispute (unless the Parties mutually agree to extend this period of time) and submit any recommendation to the Pinellas County Administrator and Contractor. All recommendations and other actions of the committee shall be non-binding. After the committee has submitted its recommendation to the Pinellas County Administrator and Contractor, either Party may thereafter refer the matter to non-binding mediation in the State of Florida. If the Parties do not agree upon representatives for the committee, if either Party chooses not to engage in mediation or if the Parties engage in mediation but mediation fails to resolve the dispute, either Party may pursue its legal remedies, including the Chapter 164 process, and , including, but not limited to, filing a complaint (including but not limited to a complaint for injunctive relief) in the appropriate court possessing competent jurisdiction.

ARTICLE IX
MISCELLANEOUS

SECTION 901. **NON-DISCRIMINATION IN EMPLOYMENT**. The Contractor will not discriminate against any applicant for employment because of age, race, color, religion, sex, sexual orientation or national origin. Contractor agrees that applicants will be employed, and that employees are treated during employment, (e.g. layoff or termination, promotion, demotion, transfer, rates of pay and compensation, and selection for training, including apprenticeship), without regard to age, race, color, religion, sex, sexual orientation or national origin. The Contractor will post in conspicuous places, available to all employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

SECTION 902. **NOTICES**. All notices, consents and agreements required or permitted by this Agreement shall be in writing, and, as applicable, shall be transmitted by registered or certified mail, return receipt requested, with notice deemed to be given upon receipt; postage prepaid, and shall be addressed as follows:

If to Authority: Executive Director, Pinellas County EMS Authority
Pinellas County Emergency Medical Services
12490 Ulmerton Road – Suite 134
Largo, Florida 33774

If to Contractor: See Appendix C

SECTION 903. **ENTIRE AND COMPLETE AGREEMENT**. Subject to Section 912, this Agreement, as amended, and all Appendices hereto, constitute the entire and complete agreement of the Parties with respect to the services to be provided hereunder. This Agreement, unless provided herein to the contrary, may be modified only by written agreement duly executed by the Parties with the same formality as this Agreement.

SECTION 904. **OTHER DOCUMENTS**. Each Party agrees to execute and deliver any instruments and to perform any acts that may be necessary or reasonably requested in order to give full effect to this Agreement.

SECTION 905. **APPLICABLE LAW**. Florida Law shall govern the validity, interpretation, construction and performance of this Agreement.

SECTION 906. **WAIVER**. Unless otherwise specifically provided by the terms of this Agreement, no delay or failure to exercise a right resulting from any breach of this Agreement shall impair such right or shall be construed to be a waiver thereof, but such may be exercised from time to time and as often as may be deemed necessary. Any waiver shall be in writing and signed by the Party granting such waiver. If any representation, warranty or covenant contained in this Agreement is breached by either Party and thereafter waived by the other Party, such waiver shall be limited to the particular breach so waived and shall not be deemed to waive any other breach under this Agreement.

SECTION 907. **SEVERABILITY**. In the event that any provision of this Agreement shall, for any reason, be determined to be invalid, illegal, or unenforceable in any respect, the Parties hereto shall negotiate in good faith and agree to such amendments, modifications, or supplements of or to this Agreement or such other appropriate actions as shall, to the maximum extent practicable in light of such determination, implement and give effect to the intentions of the Parties as reflected herein.

SECTION 908. **CONTRACTOR IS INDEPENDENT CONTRACTOR**. The Parties agree that throughout the term of this Agreement, and during the performance of any obligations hereunder, Contractor is an independent contractor in all respects and shall not be the agent, servant, officer, or employee of the Authority or Pinellas County.

SECTION 909. **NO THIRD-PARTY BENEFICIARIES; ASSIGNMENT**. This Agreement is not intended, nor shall it be construed, to inure to the benefit of any third person or entity not a party hereto, and no right, duty or obligation of the Contractor under this Agreement, shall be assigned to any person, private association or corporation, not-for-profit corporation, or public body without the prior written consent of the Authority.

SECTION 910. **HEADINGS**. Captions and headings in this Agreement are for ease of reference and do not constitute a part of this Agreement.

SECTION 911. **COUNTERPARTS**. This Agreement may be executed in more than one counterpart, each of which shall be deemed an original.

SECTION 912. **NO WAIVER OF RIGHTS UNDER SPECIAL ACT.** This Agreement, and specifically its provisions related to the Annual Compensation, is being entered into to resolve a dispute between the parties regarding the determination of the Annual Compensation to be paid to Contractor by the Authority. Authority and Contractor have worked together in good faith to reduce spending under the EMS Mill based upon the extraordinary economic times facing local governments at present. Notwithstanding anything to the contrary contained in this Agreement, it is the intent of Contractor and Authority that any actions or determinations taken in order to reach agreement herein not be seen as a waiver of any rights, claims or defenses that either the Contractor, or the Authority may have under the Special Act. Furthermore, Contractor does not necessarily agree that the Annual Compensation provided under this Agreement constitutes reasonable and customary cost reimbursement by the Authority as required by the Special Act, and, by entering into this Agreement does not waive any rights, claims or defenses that Contractor may have with regard to the determination of reasonable and customary costs in any year not governed by this Agreement. Therefore, the Annual Compensation paid to the Contractor pursuant to this Agreement shall not be used as evidence in any dispute regarding the reasonable and customary costs to be reimbursed by the Authority to the Contractor.

IN WITNESS WHEREOF the parties hereto, by and through their undersigned authorized officers have caused this Agreement to be executed on this 20 day of October ________, 2014.

ATTEST:
KENNETH BURKE, CLERK

by: Norman D. Loy
Deputy Clerk

(seal)

PINELLAS COUNTY EMERGENCY MEDICAL SERVICES AUTHORITY
By and through its Board of County Commissioners

by: Karen Seel
Chairman

BOARD OF COUNTY COMMISSIONERS SEAL PINELLAS COUNTY, FLORIDA

APPROVED AS TO FORM:

Office of the County Attorney

Countersigned:

Maria Lowe
Mayor

by: Elaine Edmunds
City Manager

APPROVED AS TO FORM:

City Attorney

ATTEST:

by:
City Clerk

Appendix A
ALS First Responder Units

Contractor	Authority Funded	Contractor Funded
Clearwater	Engine 44, Rescue 45 Rescue 46, Rescue 47 Rescue 48, Rescue 49 Engine 50, Engine 51	Engine 45, Engine 46**, Engine 47**, Engine 48 Engine 49, Squad 51 ** May operate Engine 46 when Rescue 46 is out of service for training. May operate Engine 47 when Rescue 47 is out of service for training.
Dunedin	Engine 60, Engine 61 Engine 62	None
East Lake	Engine 56, Squad 57 Engine 58	None
Gulfport	Engine 17	None
Largo	Engine 38, Engine 39 Engine 40, Engine 41 Rescue 41, Rescue 42 Engine 43	Squad 38, Squad 39 Truck 42
Lealman (including Tierra Verde)	Engine 18, Rescue 19 Engine 19, Engine 21	Special Rescue 21
Madeira Beach	Engine 25	None
Oldsmar	Engine 54	Rescue 54 or Truck 54
Palm Harbor	Engine 65, Squad 65 Engine 66, Truck 67 Engine 68	None
Pinellas Park	Rescue 33, Rescue 34 Truck 35	Engine 16, Truck 33, Engine 34, Squad 35
Pinellas Suncoast	Engine 27	Squad 27 Truck 28
Safety Harbor	Engine 52, Truck 53	None
St. Pete Beach	Engine 22, Rescue 23	None
St. Petersburg	Rescue 1, Rescue 3 Rescue 4, Rescue 5 Rescue 6, Rescue 7 Rescue 8, Rescue 9 Rescue 10, Rescue 11 Engine 12, Engine 13 Engine 14	Engine 3, Engine 4 Engine 5, Engine 6 Engine 7, Engine 8 Engine 9, Engine 10, Engine 11
Seminole	Engine 29, Squad 29 Engine 30, Engine 31 Engine 32	None
South Pasadena	Rescue 20	None
Tarpon Springs	Engine 69, Engine 70, Truck 71	None
Treasure Island	Engine 24	None

Updated May 1, 2014

Appendix B
Annual EMS First Responder Compensation for Fiscal Years 2014-2015, 2015-2016 and 2016-2017

Annual Compensation for Fiscal Year 2014 – 2015

Contractor	FY 2014 – 2015 Annual Compensation
St. Pete Beach	$1,355,080.00

Contractor's Projected Budget for Annual Compensation for Fiscal Year 2015 – 2016

Contractor	FY 2015 – 2016 Projected Budget
St. Pete Beach	$1,377,438.82

Contractor's Projected Budget for Annual Compensation for Fiscal Year 2016 - 2017

Contractor	FY 2016 – 2017 Projected Budget
St. Pete Beach	$1,400,166.56

Contractor's Projected Capital

Fiscal Year	Projected Capital
2014-2015	None
2015-2016	None
2016-2017	None
2017-2018	1- Staff
2018-2019	None

Appendix C
First Responder Contractors

City Manager
CITY OF CLEARWATER
112 S. Osceola Avenue
Clearwater, FL 33756

City Manager
CITY OF DUNEDIN
P O Box 1348
Dunedin, FL 34697

Chairman, Board of Commissioners
EAST LAKE TARPON
SPECIAL FIRE CONTROL DISTRICT
3375 Tarpon Lake Boulevard
Palm Harbor, FL 34685

City Manager
CITY OF GULFPORT
2401 53rd Street South
Gulfport, FL 33707

City Manager
CITY OF LARGO
P O Box 296
Largo, FL 33779-0296

Chairman, Board of Commissioners
LEALMAN
SPECIAL FIRE CONTROL DISTRICT
4360 55th Avenue North
St. Petersburg, FL 33714

City Manager
CITY OF MADEIRA BEACH
300 Municipal Drive
Madeira Beach, FL 33708

City Manager
CITY OF OLDSMAR
100 State Street West
Oldsmar, FL 34677-3655

Chairman, Board of Commissioners
PALM HARBOR
SPECIAL FIRE CONTROL DISTRICT
250 W. Lake Road
Palm Harbor, FL 34684

City Manager
CITY OF PINELLAS PARK
P O Box 1100
Pinellas Park, FL 33780-1100

Chairman, Board of Fire Commissioners
PINELLAS SUNCOAST
FIRE & RESCUE DISTRICT
304 First Street
Indian Rocks Beach, FL 33785

City Manager
CITY OF SAFETY HARBOR
750 Main Street
Safety Harbor, FL 34695-3597

City Manager
CITY OF ST. PETE BEACH
155 Corey Avenue
St. Pete Beach, FL 33706-1701

City Manager
CITY OF SEMINOLE
9199 113th Street North
Seminole, FL 33772-2806

City Clerk
CITY OF SOUTH PASADENA
7047 Sunset Drive South
South Pasadena, FL 33707-2895

City Manager
CITY OF TARPON SPRINGS
324 Pine Street East
Tarpon Springs, FL 34689

City Manager
CITY OF TREASURE ISLAND
120 108th Avenue
Treasure Island, FL 33706-4794

Appendix D
EMS Districts

The EMS District is defined as the Fire District for the following providers:

Clearwater
Dunedin
East Lake
Palm Harbor
Pinellas Suncoast Fire and Rescue District
Safety Harbor
Seminole
South Pasadena
Tarpon Springs

The EMS District is defined as the Municipality for the following providers:

Gulfport
Madeira Beach
Oldsmar
St. Pete Beach
Treasure Island

The following EMS Districts are comprised of Multiple Fire Districts and are defined by County Resolution as follows:

- The Largo EMS District is defined as the Largo Fire District, the Belleair Bluffs Fire District, the Town of Belleair and the Highpoint-West Fire District.

- The Lealman EMS District is defined as the Lealman Fire District, the Town of Kenneth City, and the Tierra Verde Fire District.

- The Pinellas Park EMS District is defined as the Pinellas Park Fire District.

- The Redington Beach EMS District comprised of the City of Redington Beach, the Town of Redington Shores and the City of North Redington Beach are jointly served by Seminole Fire District and the City of Madeira Beach per Resolution 10-154.

- The St. Petersburg EMS District is defined as the St. Petersburg Fire District, the Gandy Fire District and the Highpoint-East Fire District.

NOTE: EMS Districts are fixed for the shorter term of either the existing Fire Protection Agreement covering such area, or this ALSFR Agreement, and may be changed by the Authority thereafter.

Appendix E
On Scene Equipment Exchange Items

-Short Spinal Immobilization Devices

-Long Spinal Immobilization Devices (Adult and Pediatric)

-Traction Splints

Appendix F
EMS Equipment

Provided by the Authority:

- All Medical Supplies and Equipment authorized by the Authority, except for the supplies and equipment to be provided by Contractor pursuant to this Appendix F.

- Phillips MRx ECG Monitor/Defibrillator with the following clinical specifications: biphasic defibrillation, Q-CPR meter, pulse oximetry, waveform capnography, pacing, 12 lead acquisition and transmission, and non-invasive blood pressure monitoring as determined by the Medical Control Board and Authority for all Authority Funded ALS First Responder Units to include all patient cables, accessories, cases, battery chargers and batteries as needed.

- Phillips MRx ECG Monitor/Defibrillators in the same configuration above shall be utilized for reserve and spare equipment. The specific quantity shall be determined by the Authority.

- The remaining Physio Control Lifepak 12s may only be used for Special Events, a Disaster or EMS Emergency or Evacuation Shelters. After eight (8) years of useful life the remaining Lifepak 12 equipment will no longer be used for patient care in Pinellas County.

Provided By Contractor:

- Phillips MRx ECG Monitor/Defibrillator with the following clinical specifications: biphasic defibrillation, Q-CPR meter, pulse oximetry, waveform capnography, pacing, 12 lead acquisition and transmission, and non-invasive blood pressure monitoring as determined by the Medical Control Board and Authority for all Contractor Funded ALS First Responder Units to include all patient cables, accessories, cases, battery chargers and batteries as needed.

- Rescue equipment required by the Department

APPENDIX G

Pinellas County
ALS First Responder Agreement

EMS FINANCIAL INFORMATION ATTESTATION FORM

Instructions:

In accordance with Section 706 of the 2014 ALS First Responder Agreement, funds provided by the EMS Authority must be used solely for EMS Allowable Costs. Any unspent balance at the conclusion of a fiscal year must be accounted for and returned to the EMS Authority. The return of any such funds will be accomplished through a reduction to the current year funding from the EMS Authority to Contractor for ALS First Responder Services.

The following form is provided for consistent cost reporting and shall be submitted within ten (10) business days of Contractor's receipt of Annual External Audit. The results of the form (line 3) and supporting annual audit may be used to adjust the current year payments from Pinellas County to Contractor for any surplus funding.

To be Completed by Contractor:

City or Fire District (Contractor) ______________________________
Name of Person Completing Form ______________________________
Phone Number and Email Address ______________________________

1. EMS Funding Received by Contractor $____________ Audit Page: ___
2. EMS Allowable Costs Incurred by Contractor $____________ Audit Page: ___
3. Difference (If excess, amount due to Pinellas County) $____________ Audit Page: ___

PLEASE INCLUDE A COPY OF ANNUAL AUDIT AND SUPPORTING DOCUMENTATION AS NEEDED.

I certify the costs identified, in line 2 above, are related to EMS Authorized positions and units and comply with the EMS Allowable Cost Standards contained in Pinellas County EMS Resolution 09-38. I certify that I have reviewed payroll registers, salary and benefit actual expenditures, actual relief staffing costs incurred to maintain continuous staffing of Authority authorized positions, and actual costs of supervision, fuel, maintenance and repairs and other allowable costs.

____

Signature and Date, Contractor's External Auditor

EMERGENCY MEDICAL SERVICES

ALS FIRST RESPONDER AGREEMENT

AMENDMENT NO. 1

OCTOBER 1, 2015

PINELLAS COUNTY
EMERGENCY MEDICAL SERVICES AUTHORITY
12490 Ulmerton Road
Largo, Florida 33774

ALS FIRST RESPONDER SERVICES AGREEMENT
AMENDMENT NO. 1

AGREEMENT made this 15TH day of DECEMBER 2015 between, the CITY OF ST. PETE BEACH, a Florida municipal corporation ("Contractor") and the PINELLAS COUNTY EMERGENCY MEDICAL SERVICES AUTHORITY, a special district ("Authority").

In consideration of the mutual benefits set forth below, the parties agree as follows:

1. Contractor currently contracts with the Authority to provide Advanced Life Support (ALS) First Responder Services. The Contractor and the Authority are currently parties to a contract whereby the Contractor provides Advanced Life Support (ALS) First Responder Services for the Authority, which contract is referred to herein as the "Agreement."

2. Except as is otherwise set out herein, Contractor and Authority agree that upon approval by the respective Boards of Contractor and Authority and upon signing this Amendment No. 1, all terms of the Agreement will remain in full force and effect.

3. The Authority funded and authorized ALS First Responder Units, listed as Appendix A, and the Annual Compensation for FY14-15, FY15-16 and FY16-17, listed as Appendix B, are attached hereto. Appendix A and Appendix B reflect changes to the characterization and funding for Rescue 22.

IN WITNESS WHEREOF the parties hereto, by and through their undersigned authorized officers have caused this Agreement to be executed on this 15th day of December, 2015.

ATTEST:
KENNETH BURKE, CLERK

by: ______________________
Deputy Clerk

(seal)

PINELLAS COUNTY EMERGENCY MEDICAL SERVICES AUTHORITY
By and through its Board of County Commissioners

by: ______________________
Chairman

APPROVED AS TO FORM:

____
Office of the County Attorney

Countersigned:

by: ______________________
Maria Lowe, Mayor

by: ______________________
Wayne Saunders, City Manager

APPROVED AS TO FORM:

by: ______________________
Andrew Dickman, City Attorney

ATTEST:

by: ______________________
Rebecca C. Haynes, City Clerk

Appendix A
ALS First Responder Units

Contractor	Authority Funded	Contractor Funded
Clearwater	Engine 44, Rescue 45 Rescue 46, Rescue 47 Rescue 48, Rescue 49 Engine 50, Engine 51	Engine 45, Engine 46**, Engine 47**, Engine 48 Engine 49, Squad 51 ** May operate Engine 46 when Rescue 46 is out of service for training. May operate Engine 47 when Rescue 47 is out of service for training.
Dunedin	Engine 60, Engine 61 Engine 62	None
East Lake	Engine 56, Squad 57 Engine 58	None
Gulfport	Engine 17	None
Largo	Engine 38, Engine 39 Engine 40, Engine 41 Rescue 41, Rescue 42 Engine 43	Squad 38, Squad 39 Truck 42
Lealman (including Tierra Verde)	Engine 18, Rescue 19 Engine 19, Engine 21	Special Rescue 21
Madeira Beach	Engine 25	None
Oldsmar	Engine 54	Rescue 54 or Truck 54
Palm Harbor	Engine 65, Squad 65 Engine 66, Truck 67 Engine 68	None
Pinellas Park	Rescue 33, Rescue 34 Truck 35	Engine 16, Truck 33, Engine 34, Squad 35
Pinellas Suncoast	Engine 27, Squad 26	Truck 28
Safety Harbor	Engine 52, Truck 53	None
St. Pete Beach	Rescue 22, Rescue 23	Squad 22
St. Petersburg	Rescue 1, Rescue 3 Rescue 4, Rescue 5 Rescue 6, Rescue 7 Rescue 8, Rescue 9 Rescue 10, Rescue 11 Engine 12, Engine 13 Engine 14	Engine 3, Engine 4 Engine 5, Engine 6 Engine 7, Engine 8 Engine 9, Engine 10, Engine 11
Seminole	Engine 29, Squad 29 Engine 30, Engine 31 Engine 32	None
South Pasadena	Rescue 20	None
Tarpon Springs	Engine 69, Engine 70, Truck 71	None
Treasure Island	Engine 24	None

Update October 12, 2015

Appendix B
Annual EMS First Responder Compensation for Fiscal Years 2014-2015, 2015-2016 and 2016-2017

Annual Compensation for Fiscal Year 2014 - 2015

Contractor	FY 2014 - 2015 Annual Compensation
St. Pete Beach	$1,355,080.00

Contractor's Projected Budget for Annual Compensation for Fiscal Year 2015 - 2016

Contractor		FY 2015 - 2016 Annual Compensation
St. Pete Beach	+ $210,000.00	$1,587,438.82

Contractor's Projected Budget for Annual Compensation for Fiscal Year 2016 - 2017

Contractor		FY 2016 - 2017 Projected Budget
St. Pete Beach	+ 1.65%	$1,613,631.56

Contractor's Projected Capital

Fiscal Year	Projected Capital
2014-2015	None
2015-2016	None
2016-2017	1-Rescue with Water Rescue Utility
2017-2018	1-Staff
2018-2019	None

REV TECHNICAL CENTER

725 SW 46th Avenue
Ocala, Florida 34474
T (352) 629-6305
M (941)345-5958
F (352) 629-2018

FIRE APPARATUS PROPOSAL

August 18,2016
This proposal has been prepared for:
St. Pete Beach Fire Department

Hall-Mark RTC is pleased to offer St. Pete Beach Fire Department One 2017 Hall-Mark Rescue Truck built on a 2017 Ford F550 4X4 Crew Cab. This vehicle shall be in accordance with the attached specifications. The purchase price shall also include all vehicle components and NFPA equipment as requested by the fire department and listed in the attached documentation.

Delivery will be F.O.B. ST. Pete Beach, FL and will be 90 days after receipt of chassis at Hall-Mark RTC in Ocala, FL. The current purchase price for the specified unit is as follows:

Florida Sheriffs Association Base model 2017 FSA Spec # 17 Wildland Unit .	**$ 109,980.00**
Deletes:	
Flat Bed.	**$ - 6,062.00**
Water Tank and components.	**$ -3,800.00**
Hose Reel with booster hose.	**$ -2,600.00**
Tool Boxes (2).	**$ -2,000.00**
Storage Trays (2).	**$ -500.00**
Pump Plumbing and Engine for pump.	**$ -11,250.00**
Front bumper brush guard.	**$ -800.00**
Credit for Federal Signal Warning light package.	**$ - 4,110.00**
Credit for 2017 Ford F550 2-door 4X4.	**$ -52,000.00**
Credit for labor installation.	**$ - 26,858.00**
	$ 0.00
Adds: See attached Quote.	**$ 154,560.00**
Dealer Cost:	**$ 3,240.00**
Total Cost Of Rescue Truck:	**$ 157,800.00**

Sincerely,

Steve Kern

Steve Kern
Sales Representative

St. Pete Beach City Commission
Agenda Report

Issue Considered:	Authorize the City Manager to execute a change order to the existing contract with USA Voltage, LLC in the amount of $48,850 to provide underground utility service connections for the Pass-A-Grille Way North Reconstruction project.
Date:	October 25, 2016
Prepared By:	Mike Clarke, Public Works Director
Summary of Issue:	The undergrounding of overhead utility lines is included in the scope of services to be performed during the Pass-A-Grille Way North Reconstruction project. This includes service lateral connections for each residential and commercial property on Pass-A-Grille Way. The General Contractor selected for this project, David Nelson Construction, had included in their bid an estimated cost of $840,000 for these connections. In an attempt to reduce the overall cost of the project, the City elected to remove this item (along with a few others) from Nelson's scope and solicit this service directly. As a result of this solicitation, the City received a single sealed bid from USA Voltage, Inc. which contained unit rates for residential and commercial connections with and without existing undergrounded electric service. Upon subsequent determination of 42 service connections, the application of these unit rates results in a proposed total cost of $211,200 for underground utility service connections. This total cost calculation was based on a number of assumptions with regard to the standardized nature of each residential and commercial connection. As the work has progressed, the actual quantities, manpower, and restoration efforts at each location continue to be determined. To account for the difference in actual cost versus assumed cost, USA voltage has presented the City with a series of change order and credit documents, which have been consolidated into this single net change order request. The specifics of each component of this request are detailed in the attached documentation from USA Voltage.
Funding:	CIP – Pass-A-Grille Way North Reconstruction
Requested Motion:	"I move to authorize the City Manager to execute a change order to the existing contract with USA Voltage, LLC in the amount of $48,850 to provide underground utility service connections for the Pass-A-Grille Way North Reconstruction project."
Attachments:	Change Order (Change Orders 1-6 and Credit)
Reviewed by City Manager:	WS __________

USA Voltage LLC, Electrical Contractors

11060 70th Ave. Seminole, FL33772
License EC13004856
727-798-9501

Job #15-139 Change Order Request 1 07-28-16

Customer Information:
CPWG Engineering
708 Lithia Pinecrest Rd. STE 101
Brandon, FL 33511

Project Information:
Change approximately 50 homes from overhead to underground utilities

Description:

2807, 2809, 2811, 2915, 2913, 2909 & 3001 Pass-A-Grille way

- Remove pavers
- Reinstall pavers

Additional Labor

- Foreman 6 days
- 4 Electricians 6 days

Added cost..$12,000.00

2801 Pass-A-Grille Way

- Remove pavers
- Jack hammer and saw buried footing
- Redirect trench due to abandoned fuel oil tank

Additional labor

- Foreman 2 days
- 4 Electricians 2 days

Added cost..$4,000.00

2409 Pass-A-Grille Way

- Removed driveway pavers
- Saw cut concrete
- Reinstall pavers

Additional labor.

- Foreman 3 days
- 4 electricians 3 days

Added cost…………………………………………………..$6,000.00

TOTAL THIS CHANGE ORDER REQUEST………………..$22,000.00

USA Voltage LLC, Electrical Contractors
11060 70th Ave. Seminole, FL33772
License EC13004856
727-798-9501

Job #15-139 Change Order Request 2 09-08-16

Customer Information:
CPWG Engineering
708 Lithia Pinecrest Rd. STE 101
Brandon, FL 33511

Project Information:
3305 Pass-A Grille Way
Relocate service

This home has a concrete driveway with a French drain system. In order to get underground power and data to current meter location, It will involve saw cutting and patching approximately 50' of driveway, and an additional 85' of trench, conduit and wire over and above the allotted 60'.

We would like to present the below cost saving solution.

- Supply band install 1-200 amp meter and fused disconnect switch on the southwest corner of the home.
- Route 150 amp sub-feed cable through the attic from the new meter location to the existing panel location.
- Supply and install required all grounding and bonding
- 26' additional 2" conduit

Original cost of this home	$5,600.00
Change order amount	$5,300.00
Total this address	$10,600.00

TOTAL THIS CHANGE ORDER REQUEST $5,300.00

USA Voltage LLC, Electrical Contractors

11060 70th Ave. Seminole, FL33772
License EC13004856
727-798-9501

Job #15-139 Change Order Request 3 09-08-16

Customer Information:
CPWG Engineering
708 Lithia Pinecrest Rd. STE 101
Brandon, FL 33511

Project Information:
ST. Pete Yacht Club
2301 Pass-A-Grille Way
Pass-A-Grille, FL

Scope: Refeed an existing 800 amp service.

- 95'- of 2-4" PVC conduits
- 2-105' parallel runs of 4-500 MCM copper 208 volt 3 phase 4 wire.
- 4-500 mcm parallel lugs
- Saw cut and remove 35' of concrete and asphalt
- Replace concrete and asphalt as required
- Final connection at 2-400 amp disconnect switches
- Final connection at Duke transformer
- Supply and install 100' Verizon and Brighthouse conduits

Supply 4" PVC conduit	$500.00
Install 4" conduit	$3,000.00
Supply and install 500 MCM cable	$9,500.00
Saw cut and remove concrete	$2,500.00
Supply and supply Verizon and Bright House conduits	$5,000.00

TOTAL THIS CHANGE ORDER REQUEST ______ $20,500.00

USA Voltage LLC, Electrical Contractors
11060 70th Ave. Seminole, FL33772
License EC13004856
727-798-9501

Job #15-139 Change Order Request 4 09-08-16

Customer Information:
CPWG Engineering
708 Lithia Pinecrest Rd. STE 101
Brandon, FL 33511

Project Information:
ST. Pete Yacht Club
2307 Pass-A-Grille Way
Pass-A-Grille, FL

Scope:

Commercial property with 240/120 volt single phase Duke, Bright House & Verizon

- 60'-Supply and install 3-2" conduits with draw strings
- Supply and install 1 new 200 amp meter can and secondary conductors from new meter to an existing panel.
- Supply 1 grounding electrode system
- Supply and install 1 type 1 surge arrestor
- Supply and install 75' of 4/0 aluminum XHHW wire

$5,600.00

Refeed 400 amp meter that supply's dock power:

- Supply and install 50' of 400 amp feeder
- Install 1-6x6 nema 3R wire way
- Supply and install 1-type 1 surge arrestor

$7,600.00

TOTAL THIS CHANGE ORDER REQUEST________________________________$12,600.00

USA Voltage LLC, Electrical Contractors
11060 70th Ave. Seminole, FL33772
License EC13004856
727-798-9501

Job #15-139 Change Order Request 5 10-02-16

Customer Information:
CPWG Engineering
708 Lithia Pinecrest Rd. STE 101
Brandon, FL 33511

Project Information:
AMI Kids
3101 Pass-A-Grille Way
Pass-A-Grille, FL

Scope:

Commercial property with 240/120 volt single phase Duke, Bright House & Verizon

- 75'-4'' PVC with 4-500 MCM aluminum
- Supply and install 4-500 MCM lugs
- Final connections in transformer
- Final connections in existing meter can
- 80-Of 2-2" PVC conduits for Verizon and Bright House

TOTAL THIS CHANGE ORDER REQUEST________________________________$9,000.00

USA Voltage LLC, Electrical Contractors
11060 70th Ave. Seminole, FL33772
License EC13004856
727-798-9501

Job #15-139 Change Order Request 6 10-02-16

Customer Information:
CPWG Engineering
708 Lithia Pinecrest Rd. STE 101
Brandon, FL 33511

Project Information:
Bush Property
2703 Pass-A-Grille Way
Pass-A-Grille, FL

Scope:

Home requires a 3 phase service, with a separate disconnect and surface mounted raceway. Please see description of adder below

Power
- 1-200 amp 3 phase meter
- 1-200 amp disconnect switch
- 75'-of surface mount raceway and 200 amp 3 phase feeder

$4,000.00

Data
- 65' additional of bright house and Verizon conduits______________$3,250.00

Amount of this change order request_______________________________$7,250.00

USA Voltage LLC, Electrical Contractors
11060 70th Ave. Seminole, FL33772
License EC13004856
727-798-9501

Job #15-139 CREDIT 10-02-16

Customer Information:
CPWG Engineering
708 Lithia Pinecrest Rd. STE 101
Brandon, FL 33511

Project Information:
Change approximately
50 homes from overhead
to underground utilities

Ian,

Per our discussions, we have credits to be returned to the City for the Pass-A-Grill project.
There are a couple different types of credits, please see the description below.
This credit will be reflected on our next regular invoice.

ST. Pete yacht club 2307 Pass-A-Grill Way, is a commercial building that was included in residential cost.

Credit (-5,600.00)

Our original scope reflected on billing number 1, included 43 residences. Up to this point in the project, we identified 41 properties that we require Utility improvements.

Credit (-11,200.00)

Duke Energy will be providing feeders to the residences below, USA Voltage had included these feeders in our original scope.

2201,2401,2505,2507,2601,2607,2701,2703,2707,2903 and 3005

Credit (-11,000.00)

TOTAL CREDIT____(-$27,800.00)

St. Pete Beach City Commission
Agenda Report

Issue Considered: Authorize the City Manager to execute two change orders to the existing agreement with Cribb Philbeck Weaver Group, Inc. (CPWG) for a combined $16,490 for renovations to the Warren Webster Building.

Date: October 25, 2016

Prepared By: Mike Clarke, Public Works Director

Summary Of Issue: The Warren Webster Community Center Building in Pass-a-Grille is in need of substantial renovations. On March 24, 2016, in response to a previously published Request for Proposals (RFP), the City selected Cribb Philbeck Weaver Group, Inc. (CPWG) as the lowest qualified bidder.

As we expect on any renovation project, there have been a number of unforeseen issues which became evident upon demolition of various locations throughout the building. CPWG has grouped these issues into two change orders, which include the following items: replace faulty wiring, install plywood in closet, replace molded drywall and insulation, rebuild kitchen pass-through, install new counter, install plywood at gable ends, replace rusted sheet metal, install chimney cap to keep water out, install shoe molding to fix uneven flooring at base boards, and remove existing flooring and grind level.

Funding: CIP – Warren Webster R & M

Requested Motion: "I move to authorize the City Manager to execute two change orders to the existing agreement with Cribb Philbeck Weaver Group, Inc. (CPWG) for a combined $16,490 for renovations to the Warren Webster Building."

Attachments: Change Order 2
Change Order 3

Reviewed by City Manager: WS
____

CUSTOMER NAME – City of St. Pete Beach, Florida

CHANGE ORDER NO. 02

PROJECT IDENTIFICATION: Purchasing Agreement dated June 28, 2016 for the Warren Webster Renovations.

Change Order Date: September 26, 2016

Project Name: Warren Webster Renovations

CONTRACTOR: CPWG, INC.

CONTRACT: Purchase Agreement.

The Contract is changed as follows:

As per the attached letter dated August 31, 2016 which was signed and approved by Ian Wade on September 16, 2016 seven (7) cost items totaling $8,555.00 with the scopes of work detailed in the letter will be added to the contract.

Contract/PO Sum with prior approved Change Orders was:	$101,297.00
The Contract/PO Sum will be increased By this Change Order in the amount of:	$ 8,855.00
The new Contract/PO Sum, including this Change Order, will be:	$110,152.00
The Contract/PO Time (date required for Substantial Completion) Will be changed as follows:	No Change – November 7, 2016

Execution of this Change Order shall constitute a final settlement of all matters relating to the change in the Work as described above which is the subject of this Change Order. Unless the Contract Time has been adjusted as provided above, the change approved by this Change Order shall not result in a change in the Contract Time.

OWNER(S):	CONTRACTOR:
By: ______________________	By: ______________________
Name: ______________________	Name: Sheila Tarte President
Date: ______________________	Date: ______________________

CPWG
CRIBB PHILBECK WEAVER GROUP

August 31, 2016

Ian Wade, Project Manager
The City of St. Pete Beach
7851 Boca Ciega Drive
St. Pete Beach, FL 33706

Re: Warren Webster Renovation
1500 Pass – A – Grille Way
St. Pete Beach, FL 33706

Total CO#02 = $8,855.00

Ian:

Cribb Philbeck Weaver Group, Inc. dba CPWG Constructors, LLC is pleased to provide the following proposed change orders for the above reference address.

C.O. No.2

Item #1

Remove existing Romex (NSMC) above the lay-in ceiling in the main hall, kitchen office, storage and entry areas, and replace with an approved wiring method. After the walk thru – the lighting levels are to be based on GSA guidelines. Main Hall 28 Foot-candles, Kitchen 45 Foot-candles and storage at 18 foot-candles.

Total Cost: **$1,150.00**

Item #2

Provide and install 2 sheets of CDX plywood and the east wall of the Table Closet. Prep and paint.

Total Cost: **$260.00**

Item #3

Cut out molded drywall and install new; patch all holes and texture both in the Office and the Storage rooms. Add alfoil and batt insulation the drop ceiling to the wood plate. Note: Both Alfoil and Batt insulation missing will be installed.

Total Cost: **$1,370.00**

Item #4

Re-build existing pass-thru between the kitchen and the main hall. Trim material and installation shall match the existing casing through-out the building. Provide and install 16" wide granite counter top for serving.

Total Cost: **$2,480.00**

Item #5
Provide and install plywood sheathing over vertical chord members at the gable ends. In addition to the sheathing Tyvek building wrap will be installed for waterproofing at the gable ends.

Total Cost: **(Reduced by 500.00) $2,940.00**

Item #6
Provide and install new aluminum ductwork replacing rusted sheet metal on the north side of the AH closet. Paint to match the building.

Total Cost: **$1,650.00**

Item#7
Based on the directive of Mike Clarke – vanities for the women's and men's restroom cost $2410.00. The cost for the two pedestal lavatories replacing the vanities is $1415.00.

Total Cost: **($995.00)**

$ 8,855.00

Date: 09-16-16
Ian Wade, Project Manager
City of St. Pete Beach, Florida

Date:
Terry Smith, General Contractor CBC1260363
CPWG Constructors, LLC

October 4, 2016

Ian Wade, Project Manager
The City of St. Pete Beach
7851 Boca Ciega Drive
St. Pete Beach, FL 33706

Re: Warren Webster Renovation
1500 Pass – A – Grille Way
St. Pete Beach, FL 33706

Ian:
Cribb Philbeck Weaver Group, Inc. dba CPWG Constructors, LLC is pleased to provide the following proposed change order for the above reference address.

C.O. No. 3
Item #1
Provide and install sheet metal chimney cap (painted). This cap covers the entire chimney top and renders the fireplace no longer capable of using actual fire burning logs.

Total Cost: $755.00

Item #2
Provide and install 500 LF of shoe mold. Based on the uneven existing flooring (gaps from 1/16" to 1/4") Shoe mold will cover the gaps and provide a uniform appearance to all of the baseboard installation.

Total Cost: $535.00

Item #3
AJS Construction will install the flooring per line item 3 of the Proposal Schedule; Flooring – and wood base per Add 01. In addition they will: Removal of existing VCT, Sand slab with 80 grit floor sander, coat with Ardek Feather Finish and sand with 200 grit for new flooring to be installed.

Total Cost: $6345.00

______________________ Date: ______________
Ian Wade, Project Manager
City of St. Pete Beach, Florida

______________________Date: _____________
Terry Smith, General Contractor CBC1260363
CPWG Constructors, LLC

3918 N. Highland Avenue
Tampa, FL 33603
813-361-2644

St. Pete Beach City Commission
Agenda Report

Issue Considered:	Authorize the City Manager to enter into a purchase agreement with Seminole Septic for $41,900 for emergency pumping of the wastewater system to facilitate cleaning of our blocked and surcharged wastewater trunk lines.
Date:	October 25, 2016
Prepared By:	Mike Clarke, Public Services Director
Summary Of Issue:	The City's contractor, Underground Information Technologies, Inc. (UIT), has nearly completed the cleaning and televising of our entire wastewater collection system as part of our ongoing Inflow & Infiltration (I & I) study. Among the sections yet to be completed is a substantially obstructed section of 21 inch trunk line on Gulf Boulevard. In order to accomplish the cleaning of this line and minimize delays and the likelihood of another sanitary sewer overflow, the City enlisted the services of Seminole Septic to pump wastewater from manholes in support of UIT's crew. Had the City not elected to enlist Seminole Septic for this emergency assistance, this line would have remained obstructed for months to come, making the likelihood of an overflow similar to the one experienced during Hurricane Hermine high.
Funding:	CIP – Wastewater I & I Repairs
Requested Motion:	"I move to authorize the City Manager to enter into a purchase agreement with Seminole Septic for $41,900 for emergency pumping of the wastewater system to facilitate cleaning of our blocked and surcharged wastewater trunk lines."
Attachments:	Invoice #54171
Reviewed by City Manager:	WS ______

Seminole Septic, Inc.
8530 Starkey Rd.
Seminole, Fl. 33777-2835

Office (727)-392-1352 Fax (727)-393-0413

Grease Traps, Lift Stations, Jet Cleaning, Televising, Vactor Combination Truck & More ...

Invoice

Date	Invoice #
09/27/2016	54171

Bill To:
City of St. Pete Beach 155 Corey Ave. St.Pete Beach, FL 33706

RECEIVED
SEP 27 2016
PUBLIC SERVICES

P.O. No.	Terms
	Net 30

Description	Qty	Rate	Amount
Scheduled pumping of sanitary sewer as directed. 9/06/16 through 09/09/16: Worked 66 hours and hauled 284,000 gallons.	66	200.00	13,200.00
Scheduled pumping of sanitary sewer as directed. 09/12/16 through 09/16/16: Worked 73.50 hours and hauled 340,000 gallons.	73.5	200.00	14,700.00
Scheduled pumping of sanitary sewer as directed. 09/19/16 through 09/23/16: Worked 70 hours and hauled 308,000 gallons.	70	200.00	14,000.00

Customer Signature	**Total**	$41,900.00
Interest of 1 1/2% per month on past due invoices. Customer agrees to pay all collection costs, including legal fees on past due balances.	**Payments/Credits**	$0.00
All sales are final.	**Balance Due**	$41,900.00

St. Pete Beach City Commission
Agenda Report

Issue Considered: Authorize the City Manager to enter into a purchase agreement with Progressive Environmental (SWS) for $62,180.63 for emergency pumping of the wastewater system to facilitate cleaning of our blocked and surcharged wastewater trunk lines.

Date: October 25, 2016

Prepared By: Mike Clarke, Public Services Director

Summary Of Issue: The City's contractor, Underground Information Technologies, Inc. (UIT), has nearly completed the cleaning and televising of our entire wastewater collection system as part of our ongoing Inflow & Infiltration (I & I) study.

Among the sections yet to be completed is a substantially obstructed section of 21 inch trunk line on Gulf Boulevard. In order to accomplish the cleaning of this line and minimize delays and the likelihood of another sanitary sewer overflow, the City enlisted the services of Progressive Environmental (SWS) to pump wastewater from manholes in support of UIT's crew. Had the City not elected to enlist SWS for this emergency assistance, this line would have remained obstructed for months to come, making the likelihood of an overflow similar to the one experienced during Hurricane Hermine high.

Funding: CIP – Wastewater I & I Repairs

Requested Motion: "I move to authorize the City Manager to enter into a purchase agreement with Progressive Environmental (SWS) for $62,180.63 for emergency pumping of the wastewater system to facilitate cleaning of our blocked and surcharged wastewater trunk lines."

Attachments: Invoice #203957

Reviewed by City Manager: __WS__

SWS ENVIRONMENTAL SERVICES

RECEIVED

OCT 04 2016

PUBLIC SERVICES

INVOICE

203957

REMIT TO: Progressive Environmental Services, Inc.
PO BOX 538498
ATLANTA, GA 30353-8498
PHONE: 850-234-8428
E-MAIL: ar@swsenvironmental.com

BILL TO
City of St. Pete Beach
Public Works Division
155 Corey Avenue
St. Pete Beach, FL 33706

JOB LOCATION :
City of St. Pete; Pump Waste
155 Corey Avenue
St. Pete Beach, FL 33706

CUSTOMER ID	PO/CONTRACT #	JOB #	INVOICE DATE	DUE DATE
10-CIT046		SP1-808-1773	9/30/2016	10/7/2016

Personnel & Equipment 9-21-16	11,648.44
Personnel & Equipment 9-22-16	11,188.13
Personnel & Equipment 9-23-16	12,127.50
Personnel & Equipment 9-26-16	3,535.31
Personnel & Equipment 9-29-16	12,242.81
Personnel & Equipment 9-30-16	11,438.44

Contact: John Kretzer
Phone # 727-224-4182
Email: j.kretzer@stpetebeach.org
"St. Petersburg Division"

Invoiced by: Shelly L Czupryna
727-546-6193 sczupryna@swsees.com

SUBTOTAL	62,180.63
TAX	0.00
RETAINAGE	0.00
INVOICE TOTAL	62,180.63

EIN 26-3604561

A finance charge of 1.5% (18% Annually) will be added to invoices over 30 days.

SWS Environmental Services
Summary of Project Charges
City of St. Pete Beach
2nd Street & Gulf Winds Dr., St. Petersburg, FL
ER to Pump Manways and Lift Stations
SWS TRACKING CODE
SP1-608-1773

Date	Day	Personnel	Per Diem	Equipment	Total
9/21/2016	19	3,495.00	-	8,153.44	11,648.44
9/22/2016	20	3,420.00	-	7,768.13	11,188.13
9/23/2016	21	3,735.00	-	8,392.50	12,127.50
9/28/2016	22	1,080.00	-	2,455.31	3,535.31
9/29/2016	23	3,780.00	-	8,462.81	12,242.81
9/30/2016	24	3,465.00	-	7,973.44	11,438.44
TOTAL		18,975.00		43,205.63	62,180.63

DATE: 9/21/2016
DAY OF THE WEEK: Wednesday
CLIENT NAME: City of St. Pete Beach

SWS Environmental Services

DAILY REPORT - PERSONNEL CHARGES

Location	Tracking Code	Client P.O.	Contract Date	Report Date	Report Number	Region
2nd Street & Gulf Winds Dr., St. Petersburg, FL	SP1-608-1773	John Kretzer	8/31/16	9/21/16	19	St. Petersburg Division

SCOPE OF WORK: ER to Pump Manways and Lift Stations

DAILY REPORT - PERSONNEL CHARGES

Name	Labor Classification	TIME Start	TIME End	HOURS ST	HOURS OT	RATE ST	RATE OT	AMOUNT Straight	AMOUNT Overtime	Total	Per Diem
Griffin, Kelvin	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Miller, Robert	Equipment Operator	7:00	16:00	8.00	1.00	60.00	90.00	480.00	90.00	570.00	
Alspach, Barry	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Philler, Andre	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Smith, Chris	Equipment Operator	7:00	15:00	7.00	1.00	60.00	90.00	420.00	90.00	510.00	
Banse, Benjamin	Equipment Operator	7:00	16:00	8.00	1.00	60.00	90.00	480.00	90.00	570.00	
Total Labor Charges			6	Person(s)				2,820.00	675.00	3,495.00	-

DAILY REPORT - EQUIPMENT CHARGES

Quantity	Description	EQ Num	Unit	Rate	Units	Mi.Rate	Miles	Fuel Recovery	Amount
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005042	Hour	125.00	9.00			140.63	1,265.63
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005065	Hour	125.00	9.50			148.44	1,336.94
1	ASME Vacuum Truck - 3,300 Gallon*	VSMO001	Hour	125.00	9.50			148.44	1,335.94
1	Tanker with Tractor	VH-007122	Hour	120.00	9.00			135.00	1,215.00
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005022	Hour	125.00	9.50			148.44	1,335.94
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005066	Hour	125.00	8.00			125.00	1,125.00
6	EPA Level "D"		Man	50.00	1				300.00
6	Stress Management (Liquids)		Man/Day	10.00	1				60.00
1	Clark Environmental - Decon Truck VH-005063 9-15-16	Inv. # 74058	Cost	150.00	120%				180.00
Total Equip. Charges									8,153.44

Clark Environmental

Clark Environmental, Inc.
755 Prairie Industrial Pkwy
Mulberry, Florida 33860
LOCAL 863-425-4884
FAX 863-425-2854

INVOICE

PAGE NO	INVOICE NO	INVOICE DATE	CUST NO
1	74055	09/29/2016	SOU09

WORK ORDER NO

SITE APPROVAL #: CITY OF ST

SOLD TO:
SWS ENVIRONMENTAL SERVICES
1619 MOYLAN RD
PANAMA CITY BEACH, FL 32407

SHIP TO:
CITY OF ST PETE
GULF WINDS DR
ST PETE,

DATE SHIPPED	PURCHASE ORDER NO.	SHIP VIA	F.O.B	TERMS
9/15/2016	SP1-608-1773			1% 10, NET 30 DAYS

BUYER	DATE REQUESTED	LOCATION	SALESPERSON	TERRITORY
SHELLY CZYPRINA			CLARK	

ITEM NO	DESCRIPTION	QUANTITY ORDERED	QUANTITY BACK ORD.	QUANTITY SHIPPED	UNIT PRICE	EXTENSION
PW	POWER WASH			1.000	150.000	150.000

Decon
5053

SUBTOTAL
150.00

0.00
0.00
150.00

INVOICE NO
74055

PLEASE REMIT THIS AMOUNT

WHITE - ORIGINAL   CANARY - DUPLICATE   PINK - TRIPLICATE

Clark ENVIRONMENTAL

Clark Environmental, Inc.
[illegible] Industrial Pkwy
Mulberry, Florida [illegible]
LOCAL [illegible]
TOLL-FREE [illegible]
FAX [illegible]

Power Wash Ticket

DAY Thurs DATE 9-15-16

BILLING INFORMATION

COMPANY SWS
ADDRESS
CONTACT
PHONE
PO # JOB #

JOB LOCATION

COMPANY City of St Pete
ADDRESS Gulf Winds Dr
CONTACT
PHONE
PO # 1-618-1773 JOB #
SP

EQUIPMENT USED

EQUIPMENT TYPE	EQUIP #	PERSONNEL	TIME IN	SITE IN	SITE OUT	TIME OUT	TOTAL HRS
		DJ	AM PM	AM PM	AM PM	AM PM	1
			AM PM	AM PM	AM PM	AM PM	
			AM PM	AM PM	AM PM	AM PM	
			AM PM	AM PM	AM PM	AM PM	

CUSTOMER SIGNATURE [signature] DATE 9-15-16

Clark ENVIRONMENTAL

Clark Environmental, Inc.
755 Prairie Industrial Pkwy.
Mulberry, Florida
Local 863-425-4884
Toll-Free 800-276-2187
Fax 863-425-2854

Weight Ticket

Truck # ______

DATE ______

GENERATOR ______

ADDRESS ______

CITY ______

STATE ______ ZIP ______

CEI APPROVAL # ______

TRANSPORTER SWS

DRIVER SIGNATURE ______

N/C

DATE: 9/22/2016
DAY OF THE WEEK: Thursday
CLIENT NAME: City of St. Pete Beach

SWS Environmental Services

DAILY REPORT - PERSONNEL CHARGES

Location	Tracking Code	Client P.O.	Contract Date	Report Date	Report Number	Region
2nd Street & Gulf Winds Dr., St. Petersburg, FL	SP1-608-1773	John Kretzer	8/31/16	9/22/16	20	St. Petersburg Division

SCOPE OF WORK: ER to Pump Manways and Lift Stations

DAILY REPORT - PERSONNEL CHARGES

Name	Labor Classification	TIME Start	TIME End	HOURS ST	HOURS OT	RATE ST	RATE OT	AMOUNT Straight	AMOUNT Overtime	Total	Per Diem
Griffis, Kelvin	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Bange, Benjamin	Equipment Operator	7:00	15:00	7.00	1.00	60.00	90.00	420.00	90.00	510.00	
Bange, Andrew	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Miller, Robert	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Phifer, Andre	Equipment Operator	7:00	17:00	8.00	2.00	60.00	90.00	480.00	180.00	660.00	
Smith, Chris	Equipment Operator	10:00	16:30	6.00	0.50	60.00	90.00	360.00	45.00	405.00	
Total Labor Charges			6	Person(s)				2,700.00	720.00	3,420.00	-

DAILY REPORT - EQUIPMENT CHARGES

Quantity	Description	EQ Num	Unit	Rate	Units	Mi.Rate	Miles	Fuel Recovery	Amount
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005042	Hour	125.00	9.50			148.44	1,335.94
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005095	Hour	125.00	6.50			101.56	914.06
1	ASME Vacuum Truck - 3,300 Gallon*	VSM0001	Hour	125.00	10.00			156.25	1,406.25
1	Tanker with Tractor	VH-007122	Hour	120.00	9.00			120.00	1,080.00
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005022	Hour	125.00	9.50			148.44	1,335.94
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005069	Hour	125.00	9.50			148.44	1,335.94
6	EPA Level "D"		Man	50.00	1				300.00
6	Stress Management (Liquids)		Man/Day	10.00	1				60.00
Total Equip. Charges									7,768.13

DATE: 9/23/2016
DAY OF THE WEEK: Friday
CLIENT NAME: City of St. Pete Beach

SWS Environmental Services

DAILY REPORT - PERSONNEL CHARGES

Location	Tracking Code	Client P.O.	Contract Date	Report Date	Report Number	Region
2nd Street & Gulf Winds Dr., St. Petersburg, FL	SP1-608-1773	John Kretzer	8/31/16	9/23/16	21	St. Petersburg Division

SCOPE OF WORK: ER to Pump Manways and Lift Stations

DAILY REPORT - PERSONNEL CHARGES

Name	Labor Classification	TIME Start	TIME End	HOURS ST	HOURS OT	RATE ST	RATE OT	AMOUNT Straight	AMOUNT Overtime	AMOUNT Total	Per Diem
Parolisi, Matthew	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Phifer, Andre	Equipment Operator	7:00	17:00	8.00	2.00	60.00	90.00	480.00	180.00	660.00	
Smith, Chris	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Griffin, Kelvin	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Miller, Robert	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Alspach, Barry	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Total Labor Charges			5	Person(s)				2,880.00	855.00	3,735.00	-

DAILY REPORT - EQUIPMENT CHARGES

Quantity	Description	EQ Num	Unit	Rate	Units	Mi.Rate	Miles	Fuel Recovery	Amount
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005042	Hour	125.00	9.50			148.44	1,335.94
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005095	Hour	125.00	9.50			148.44	1,335.94
1	ASME Vacuum Truck - 3,300 Gallon*	VSM0001	Hour	125.00	10.00			156.25	1,406.25
1	Tanker with Tractor	VH-007122	Hour	120.00	9.50			142.50	1,282.50
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005022	Hour	125.00	9.50			148.44	1,335.94
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005056	Hour	125.00	9.50			148.44	1,335.94
6	EPA Level "D"		Man	50.00	1				300.00
6	Stress Management (Liquids)		Man/Day	10.00	1				60.00
Total Equip. Charges									8,392.50

DATE: 9/26/2016
DAY OF THE WEEK: Monday
CLIENT NAME: City of St. Pete Beach

SWS Environmental Services

DAILY REPORT - PERSONNEL CHARGES

Location	Tracking Code	Client P.O.	Contract Date	Report Date	Report Number	Region
2nd Street & Gulf Winds Dr., St. Petersburg, Fl.	SP1-608-1773	John Kretzer	8/31/16	9/26/16	22	St. Petersburg Division

SCOPE OF WORK: ER to Pump Manways and Lift Stations

DAILY REPORT - PERSONNEL CHARGES

Name	Labor Classification	TIME Start	TIME End	HOURS ST	HOURS OT	RATE ST	RATE OT	AMOUNT Straight	AMOUNT Overtime	Total	Per Diem
Smith, Chris	Equipment Operator	7:00	9:30	1.50	1.00	60.00	90.00	90.00	90.00	180.00	
Miller, Robert	Equipment Operator	7:00	9:30	1.50	1.00	60.00	90.00	90.00	90.00	180.00	
Wicks, Jay	Equipment Operator	7:00	9:30	1.50	1.00	60.00	90.00	90.00	90.00	180.00	
Griffin, Kelvin	Equipment Operator	7:00	9:30	1.50	1.00	60.00	90.00	90.00	90.00	180.00	
Wagner, Jeff	Equipment Operator	7:00	9:30	1.50	1.00	60.00	90.00	90.00	90.00	180.00	
Barge, Andrew	Equipment Operator	7:00	9:30	1.50	1.00	60.00	90.00	90.00	90.00	180.00	
Total Labor Charges			6	Person(s)				540.00	540.00	1,080.00	-

DAILY REPORT - EQUIPMENT CHARGES

Quantity	Description	EQ Num	Unit	Rate	Units	MLRate	Miles	Fuel Recovery	Amount
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005042	Hour	125.00	2.50			39.06	351.56
1	ASME Vacuum Truck - 3,300 Gallon*	VH-009095	Hour	125.00	2.50			39.06	351.56
1	ASME Vacuum Truck - 3,300 Gallon*	VSM0001	Hour	125.00	2.50			39.06	351.56
1	Tanker with Tractor	VH-007122	Hour	120.00	2.50			37.50	337.50
1	ASME Vacuum Truck - 3,300 Gallon*	VH-000022	Hour	125.00	2.50			39.06	351.56
1	ASME Vacuum Truck - 3,300 Gallon*	VH-006066	Hour	125.00	2.50			39.06	351.56
6	EPA Level "D"		Man	50.00	1				300.00
6	Stress Management (Liquids)		Man/Day	10.00	1				60.00
Total Equip. Charges									2,455.31

DATE: 9/29/2016
DAY OF THE WEEK: Thursday
CLIENT NAME: City of St. Pete Beach

SWS Environmental Services

DAILY REPORT - PERSONNEL CHARGES

Location	Tracking Code	Client P.O.	Contract Date	Report Date	Report Number	Region
2nd Street & Gulf Winds Dr., St. Petersburg, FL	SP1-608-1773	John Kretzer	8/31/16	9/29/16	23	St. Petersburg Division

SCOPE OF WORK: ER to Pump Manways and Lift Stations

DAILY REPORT - PERSONNEL CHARGES

Name	Labor Classification	TIME Start	TIME End	HOURS ST	HOURS OT	RATE ST	RATE OT	AMOUNT Straight	AMOUNT Overtime	Total	Per Diem
Philer, Andre	Equipment Operator	7:00	17:00	8.00	2.00	60.00	90.00	480.00	180.00	660.00	
Goffin, Kelvin	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Mraz, Kenneth	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Wagner, Jeff	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Wicks, Jay	Equipment Operator	6:30	16:30	8.00	2.00	60.00	90.00	480.00	180.00	660.00	
Miller, Robert	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Total Labor Charges			6	Person(s)				2,880.00	900.00	3,780.00	-

DAILY REPORT - EQUIPMENT CHARGES

Quantity	Description	EQ Num	Unit	Rate	Units	MI Rate	Miles	Fuel Recovery	Amount
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005042	Hour	125.00	9.50			148.44	1,335.94
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005095	Hour	125.00	10.00			156.25	1,406.25
1	ASME Vacuum Truck - 3,300 Gallon*	VSM0001	Hour	125.00	10.00			156.25	1,406.25
1	Tanker with Tractor	TL-001616	Hour	120.00	9.50			142.50	1,282.50
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005022	Hour	125.00	9.50			148.44	1,335.94
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005066	Hour	125.00	9.50			148.44	1,335.94
6	EPA Level "C"		Man	50.00	1				300.00
6	Stress Management (Liquids)		Man/Day	10.00	1				60.00
Total Equip. Charges									8,462.81

DATE: 9/30/2016
DAY OF THE WEEK: Friday
CLIENT NAME: City of St. Pete Beach

SWS Environmental Services

DAILY REPORT - PERSONNEL CHARGES

Location	Tracking Code	Client P.O.	Contract Date	Report Date	Report Number	Region
2nd Street & Gulf Winds Dr., St. Petersburg, FL	SP1-608-1773	John Kretzer	8/31/16	9/30/16	24	St. Petersburg Division

SCOPE OF WORK: ER to Pump Manways and Lift Stations

DAILY REPORT - PERSONNEL CHARGES

Name	Labor Classification	TIME Start	TIME End	HOURS ST	HOURS OT	RATE ST	RATE OT	AMOUNT Straight	AMOUNT Overtime	Total	Per Diem
Wicks, Jay	Equipment Operator	7:00	16:00	8.00	1.00	60.00	90.00	480.00	90.00	570.00	
Wagner, Jeff	Equipment Operator	7:00	16:00	8.00	1.00	60.00	90.00	480.00	90.00	570.00	
Mraz, Kenneth	Equipment Operator	7:00	16:00	8.00	1.00	60.00	90.00	480.00	90.00	570.00	
Phifer, Andre	Equipment Operator	7:00	16:30	8.00	1.50	60.00	90.00	480.00	135.00	615.00	
Griffin, Kelvin	Equipment Operator	7:00	16:00	8.00	1.00	60.00	90.00	480.00	90.00	570.00	
Miller, Robert	Equipment Operator	7:00	16:00	8.00	1.00	60.00	90.00	480.00	90.00	570.00	
Total Labor Charges			6	Person(s)				2,880.00	585.00	3,465.00	-

DAILY REPORT - EQUIPMENT CHARGES

Quantity	Description	EQ Num	Unit	Rate	Units	Mi.Rate	Miles	Fuel Recovery	Amount
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005042	Hour	125.00	9.00			140.63	1,265.63
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005095	Hour	125.00	9.00			140.63	1,265.63
1	ASME Vacuum Truck - 3,300 Gallon*	VSM0001	Hour	125.00	9.50			148.44	1,335.94
1	Tanker with Tractor	TL-001818	Hour	120.00	9.00			135.00	1,215.00
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005022	Hour	125.00	9.00			140.63	1,265.63
1	ASME Vacuum Truck - 3,300 Gallon*	VH-005066	Hour	125.00	9.00			140.63	1,265.63
6	EPA Level "D"		Man	50.00	1				300.00
6	Stress Management (Liquids)		Man/Day	10.00	1				60.00
Total Equip. Charges									7,973.44

ST. PETE BEACH CITY COMMISSION
AGENDA REPORT

Issue Considered:	Final reading and Public Hearing of Ordinance 2016-21 amending St. Pete Beach Code of Ordinances, Appendix A - Fees
Date:	October 25, 2016
Prepared By:	Elaine Edmunds, Administrative Services Director
Summary:	This Ordinance will amend Appendix A – Fees of the City of St. Pete Beach Code of Ordinances. A new item, "credit card processing fee" has been added to Chapter 2 Administration Fees. The fee will help offset credit card processing costs incurred by the City for accepting this type of payment. During the workshops conducted to review the budget for Fiscal Year 2017, the City Commission expressed the desire to increase parking rates from \$2.00 per hour to \$2.25 per hour. The amended Appendix A includes revised parking meter rates for both coin operated meters and pay stations to reflect this change. Also included is an increase in the Daily B permit charge for city metered parking spaces and non-metered city streets, parks and lots requiring B permit (other than County Park) from \$18.00 per day to \$27.00 per day. Attached is a strike thru/underline version of Appendix A for reference.
Requested Motion:	"I move to approve Ordinance 2016-21, amending St. Pete Beach Code of Ordinances, Appendix A – Fees"
Attachment:	Ordinance 2016-21 Exhibit "A" - Appendix A (underline/strikethrough version)
Reviewed by: **City Manger:**	WS

CITY OF ST. PETE BEACH

ORDINANCE NO. 2016-21

AN ORDINANCE OF THE CITY OF ST. PETE BEACH, FLORIDA PROVIDING FOR AMENDMENTS TO APPENDIX A OF THE CODE OF ORDINANCES; AMENDING AND ESTABLISHING FEES AND CHARGES; PROVIDING FOR THE REPEAL OF ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH, PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, The City Commission desires to update the schedule of fees and charges outlined in Appendix A of the Code of Ordinances; and

WHEREAS, The City Commission desires to re-define certain fees and charges included in Appendix A; and

WHEREAS, The City Commission desires to amend certain fees and charges included in Appendix A; and

WHEREAS, The City Commission desires to establish additional fees and charges to be included in Appendix A; and

WHEREAS, The City Commission finds these amendments, deletions and additions to be in the best interest of the citizens of the City of St. Pete Beach

NOW, THEREFORE, THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, HEREBY ORDAINS:

Section 1. Appendix A of the Code of Ordinances is hereby amended as illustrated in "Exhibit A", attached and made a part of this Ordinance.

Section 2. All ordinances or parts of ordinances, in conflict herewith are hereby repealed to the extent of any conflict with this Ordinance.

Section 3. If any portion or part of this Ordinance is declared invalid by a court of competent jurisdiction, the valid remainder hereof shall remain in full force and effect.

Section 4. This Ordinance shall become effective seven (7) days from the date of adoption.

____
Mayor Deborah Schechner

FIRST READING: -
PUBLISHED: ______________
SECOND READING: -
PUBLIC HEARING: -

Attest:

I, Rebecca Haynes, City Clerk of the City of St. Pete Beach, Florida, do hereby certify that the foregoing Ordinance was duly adopted in accordance with the provisions of applicable law this _______day of ,2016.

____
Rebecca Haynes, City Clerk

"EXHIBIT A"

APPENDIX A - FEE SCHEDULE

This appendix includes fees and charges that do not appear in other sections of the Code of Ordinances.

	Description	Amount
	Chapter 2. Administration	
	Miscellaneous fees	
	Photocopy charges:	
	Per side of page	0.15
	Per two-sided duplicated page	0.20
	Reprint of color photos up to 5" x 7"	3.00
	Reprint of color photos larger than 5"x 7"	Actual cost of duplication
	DVD or CD of meetings	5.00
	Administrative fees:	
	Returned Check fee	25.00
	Credit Card Processing Fee	2.50%
	Notarization of documents, per document	No charge
	Preparation of declaration and notarization of domicile, per preparation	7.00
	Temporary street banners permitted by chapter 122 pertaining to signs:	
	Erection by city employees	184.00
	City civic associations or charitable special events, no fee	
	Certification of city records by city clerk's office (F.S. § 119.07.1(a)), per document	1.00
	Fees for off-duty fire department personnel special detail work per person (minimum three hours)	50.00
	Special event fire vehicle charge per hour per vehicle (minimum three hours)	25.00

	Chapter 10. Amusements and Entertainment	
	Article II. Adult Entertainment Establishments	
	Permit fee for employee of licensed adult entertainment establishment	25.00
	Permit renewal fee for employee of licensed adult entertainment establishment	25.00
	Replacement of lost permit for employee of licensed adult entertainment establishment	25.00
	Adult use business fees:	
	Adult use establishment license; fee for zoning review	375.00
	Adult use establishment nonrefundable license fee	25.00
	Annual licensing regulatory fees for adult entertainment establishments:	
	Adult theater:	
	Having only adult booths, for each booth	450.00
	Having only a hall or auditorium, for each seat	450.00
	Having only an area outdoors designed to permit viewing by customers seated in vehicles, for each parking space	450.00
	Having a combination of two or more of the items listed in subsections (a)(1)a—(1)c of this section, the cumulative license fee applicable to each under subsections (a)(1)a—(1)c of this section	
	Special adult cabaret	450.00
	Adult photographic studio	450.00
	Physical culture establishment	450.00
	Adult bookstore/video store	450.00
	Change of name of adult use establishment	5.00
	Appeal of denial, suspension or revocation of adult entertainment license or permit	25.00
	Plus, deposit for costs of administrative hearing officer	250.00
	Certified mail/postage/handling	
	Per certified letter (depending on the weight of letter)	Time & Material
	Per noncertified letter (depending on the weight of letter)	Time & Material

	Copies, per copy per letter	0.15
	Administrative costs for letters of violation/notices of hearing/hearing agenda/hearing minutes per hour for preparation of each of the following documents: Notice of violation letter, notice of hearing letter, agenda, findings of fact letter, minutes, notary fee, lien filing fee, courier service	15.00
	Chapter 26. Businesses	
	Regulatory fee for unlicensed businesses	15.00
	Special Event Administrative Regulations and Fees	
	Event fees	
	Type IA Event: St. Pete Beach Resident/Business event that does not require site plan review, on-site inspections, other city services, permits from other governmental agencies and are limited to three consecutive days.	
	Type IB Event: Non-Resident/Business event that does not require site plan review, on-site inspections, other city services, permits from other governmental agencies and are limited to three consecutive days	
	Type IIA Event: St. Pete Beach Resident/Business event that requires any of the following: site plan review, on-site inspections, other city services or additional permits from other governmental agencies	
	Type IIB Event: Non-Resident/Business event that requires any of the following: site plan review, on-site inspections, other city services or additional permits from other governmental agencies. Type III Event: Any event that the City Manager or his/her designee determines cannot be permitted as a Type IA, IB, IIA, or IIB due to complexity of event or other impacts of the event. The fee shall be determined following review of the event impact.	
	Special event fees:	
	Attendance / Type IA / TypeIB / Type IIA / Type IIB / Type III Up to 249 / \$25.00 / \$50.00 / \$75.00 / \$100.00 / TBD 250-500 / \$50.00 / \$100.00 / \$250.00 / \$350.00 / TBD 501-999 / \$75.00 / \$150.00 / \$500.00 / \$650.00 / TBD 1,000+ / \$100.00 / \$200.00 / \$750.00 / \$1,000.00 / TBD Non-Permitted Event Fee - 3 times event fee plus cost incurred by City	

Attendance	Type IA	TypeIB	Type IIA	Type IIB	Type III
Up to 249	$25.00	$50.00	$75.00	$100.00	TBD
250-500	$50.00	$100.00	$250.00	$350.00	TBD
501-999	$75.00	$150.00	$500.00	$650.00	TBD
1,000+	$100.00	$200.00	$750.00	$1,000.00	TBD

	Beach Wedding: St. Pete Beach Resident Non-Resident Beach Wedding with no Commercial support (i.e. no equipment, chairs, etc.) limited to 20 people: St. Pete Beach Resident Non-Resident	$100.00 $250.00 $50.00 $75.00
	Business permit for fire and other altered goods sale or going out of business sale	
	First 60 days	20.00
	Additional 15 days	5.00
	Chapter 38. Elections	
	Candidate guidebook administrative costs	10.00
	Qualifying fee for position of mayor-commissioner or city commissioner	40.00
	Chapter 42. Emergency Services	
	Article II. Alarm Systems	
	Response to fourth or succeeding false alarm	150.00
	Chapter 46. Environment	
	Article II. Nuisances	
	Lot clearing or mowing by city:	
	Administrative fee	200.00
	Lot mowing charges for vacant or improved lots in an amount equal to the city cost for mowing, in addition to administrative fee in subsection (1) of this section	
	Tree trimming in an amount equal to the city cost for trimming, in addition to administrative fee in subsection (1) of this section	
	Clerical work, secretarial services and all other notification costs at rate equivalent to actual city cost. Attorney's fees equal to actual charge to the city	
	Article III. Junked, Wrecked, Abandoned Property	

	Storage of abandoned or unclaimed property, per day	10.00
	Chapter 50. Library	
	Special, temporary "tourist" card for visitors from outside the Tampa Bay Area	
	Up to 90 days	25.00
	90—180 days	50.00
	Over 180 days	100.00
	Books returned in such condition that they cannot be returned to circulation.	replacement value
	50-3 becomes 50-3-2 50-3 becomes 50-3-3 50-3 becomes 50-3-4	
	Copies from the self-service photocopy machine	0.20
	Print-outs from the public computers, per page	0.20
	Chapter 58. Parks and Recreation	
	Fees and Memberships:	
	Resident daily use (visitor) fees for multi-facilities (gym, arts studio, fitness room)	1.00
	Non-resident daily use (visitor) fees for multi-facilities (gym arts studio, fitness room)	2.00
	Warren Webster	60.00
	Park/pool pavilion	25.00
	All Don Vista Rooms: Mary Nabors, Mary Tracy, Don Vista "A", "B" and "C"	25.00
	Gymnasium	75.00
	Raymond Room	75.00
	Boca Ciega Room (entire floor)	200.00
	½ Boca Ciega Room	100.00
	Balcony Room and Board Room	20.00
	Under the CC Building and Courtyard	60.00
	Friday/Saturday/Sunday rental of Community Center	
	4 hours	

	Standard (Friday & Sunday)	1,000.00
	Premium (Saturday)	1,500.00
	6 hours	
	Standard (Friday & Sunday)	1,500.00
	Premium (Saturday)	2,000.00
	8 hours	
	Standard (Friday & Sunday)	2,000.00
	Premium (Saturday)	2,500.00
	10 or more	
	Standard (Friday & Sunday)	2,500.00
	Premium (Saturday)	3,000.00
	Additional Rental Charges:	
	Pool umbrella—Party rental	25.00
	Staff Cost:	
	Staff (min. two hours)	20.00
	Staff holiday pay (min. two hours)	45.00
	Rental of park property based on the number of anticipated attendees:	
	Residents:	
	50—100	150.00
	101—250	250.00
	251—500	350.00
	Nonresidents:	
	50—100	250.00
	101—250	350.00
	251—500	400.00
	Deposit	50.00—500.00
	Rental deposit for facilities:	
	Under 50 people	100.00
	Over 50 people	500.00
	The resident hourly and time block room rental fees will be ten percent less than the standard fee schedule.	

	Pool (151—180 guest)	200.00
	Additional Rental Charges:	
	Pool Umbrella - Party Rental	25.00
	Staff Cost:	
	Staff (Min. 2 hrs)	20.00
	Staff Holiday pay (Min. 2 hrs)	45.00
	Chapter 62. Peddlers and Solicitors	
	Article II. Commercial Solicitations	
	Solicitation permit fee, per individual, yearly	100.00
	Chapter 78. Taxation	
	Article IV. Business License Tax	
	Business tax license application fee	10.00
	Transfer of business tax license to another person:	
	Transfer of business tax license from one location to another:	
	Not less than	3.00
	Not more than	25.00
	Chapter 82. Traffic and Vehicles	
	Parking decals:	
	Employees of businesses operated on premises only in Pass-a-Grille area and south of 31st Avenue, employees of businesses operated on premises having frontage on Beach Plaza.	25.00
	City resident or nonresident owning property within city	20.00
	Parking permits:	
	Gulf Way and Eighth Avenue area:	Below
	Houses and apartments having street addresses on Gulf Way from First Avenue to 22nd Avenue and Eighth Avenue:	Below

	"A" Permit purchase by record title owner of each unit.	20.00
	On-premises businesses in Pass-a-Grille:	Below
	One-day permits for operators of commercial watersports businesses at Merry Pier, for resale at same price to legitimate customers	4.00
	Gulfwinds Condominium, Friendly Native Condominium and Ramar Apartments and Starlight Towers Condominium:	Below
	"E" Permit Purchase by record title owner of unit, each	20.00
	Hanging meter permits for Pass-a-Grille business owners to be used by customers	35.00 per yr.
	Parking meter rates for coin operated parking meters per hour	~~2.00~~ 2.25
	Parking meter rates for parking pay stations.	~~2.00~~ 2.25 per hour, ~~18.00 for 12 hours~~
	Parking meter rates County Park Beach Access parking pay stations.	~~2.00~~ 2.25 per hour, ~~18.00 12 hours~~
	"C" and "D" Controlled parking residential parking annual permit,	5.00
	"C" and "D" Controlled parking residential temporary parking permit	3.00 per mo.
	Daily parking permits	
	Daily B permit for city metered parking spaces and non-metered city streets requiring, parks and lots requiring B permit (other than County Park)	$~~18~~ 27.00 per day
	Temporary non metered B permit—Must provide proof of owning or residing at an address fronting a city non metered B Permit only zone.	$3.00 per month
	Temporary one-day non-metered B permit—Must provide proof of owning or residing at an address fronting a city non metered B permit only zone. Cannot be consecutive days.	Up to 20 one-day permits $3.00
	Storage charge for impounded motor vehicle, per day	35.00
	Chapter 86. Utilities	
	Identification or location of sanitary sewer tap-in	25.00
	Chapter 90. Vehicles for Hire	
	Permit fees for taxicabs and public conveyances:	
	Each vehicle	50.00

	Each driver	10.00
	Driver's permit fee	10.00
	Chapter 94. Waterways	
	Article IV. Water Taxis	
	Fee for water taxi permit, per year	100.00
	Renewal fee, per year	100.00
	Chapter 98. Buildings and Building Regulations	
	General site development/Site plan review-Fire:	
	Plan review (developments less than 15,000 sq. ft. and no higher than three stories in height)	250.00
	Plan review for buildings greater than 15,000 sq. ft. or three stories in height.	350.00
	Re-submittals	100.00
	Building construction:	
	Plan review (developments less than 15,000 sq. ft. and no higher than three stories in height)	250.00
	Plan review for buildings greater than 15,000 sq. ft. or greater than three stories in height.	350.00
	Building four stories or higher add additional fee per floor.	50.00
	Re-submittals	100.00
	Fire protection/Life safety systems:	
	Plan review, inspections and acceptance test	250.00
	Re-submittals	100.00
	Re-inspections and Red tag	50.00

	Fire prevention inspections:	
	Certificate of occupancy inspection	No charge
	Periodic-inspection	50.00
	Business tax inspection (For fire inspection of new occupancy)	50.00
	Hotels	
	- Small (< 15,000 sq. ft.)	100.00
	- Large (> 15,000 sq. ft.)	150.00
	Restaurants (each restaurant within a hotel or business will be charged individually in addition to hotel or business inspection fee)	75.00 (Less than 50) 150.00 (More than 50)
	Apartments, condominiums and transient occupancies buildings	50.00 per floor
	Apartments, condominiums hotels and transient occupancies building four stories or higher add additional fee per floor.	25.00
	Assisted living facilities—Per floor	50.00
	Foster homes	50.00
	Daycares	50.00
	Other (Specialty facilities: [Marina], boat repair, auto repair type facilities and other facilities/business types not covered)	150.00
	Special events—Fire-Permits and inspections:	
	Temporary structure permit	25.00
	Beach fire permit	25.00
	Outdoor cooking permit	25.00
	Fireworks permit—Application fee and site inspection	150.00
	Special events/Temporary use	100.00
	Chapter 106. Flood Control	
	Planning and Zoning Fees	
	Site Plan Review (initial and one revision)	
	Not located In CRD Lot less than 5,000 sq. ft.	$500.00
	Lot greater than 5,000 sq. ft.	$1,000.00 plus $100 for each additional

		5,000 sq. ft. or portion thereof
	Each re-submittal review	250.00
	Within CRD:	
	Lot less than 5,000 sq. ft.	$1,200.00
	Lot greater than 5,000 sq. ft.	$1,200.00 plus $125 for each additional 5,000 sq. ft. or portion thereof
	Each re-submittal review	$350.00
	Zoning Review (where no building permit is required)	$50.00
	Preliminary Plat	$500.00 plus direct costs for review
	Final Plat	$300.00 plus any direct costs and recording fees
	Required Mailing	$.20 per piece plus associated mailing costs
	Planned Development Review	$1000.00
	Each re-submittal review	$125.00
	Temporary Use approval	$100.00 plus direct mailing costs
	Vacation of Easement/ROW request	$375.00 plus direct mailing costs
		$500.00 plus direct

	Conditional Use Permit	mailing costs
	Conditional Use Permit with Variance Request	$700.00 plus direct mailing costs
	Conditional Use Permit with Planning Board Review	$1000.00 plus direct mailing costs
	Administrative Appeal to City Manager	$250.00
	Administrative Appeal to Special Magistrate	$500.00
	Concurrency Review	$75.00 plus Direct costs (includes consulting engineer charges for review of utility capacity, transportation analysis and other required concurrency issues)
	Variance Request	$500.00 plus direct mailing cost
	Certificate of Appropriateness With FEMA Variance	$50.00 $100.00 plus direct mailing costs
	Land Development Code Text change	$800.00 plus direct mailing costs
	Land Development Code Map change	$2000 plus direct mailing costs
	Comprehensive Plan Amendment (not in CRD)	$2,500.00 plus direct mailing costs
	Comprehensive Plan Amendment (in CRD)	$3,000.00 plus direct mailing costs
	Sign Permit	$25.00 plus building permit fee

	Building Permit Fees	
	Plan Review	½ of Building Permit Fee
	Building Permit Base fee	$50.00 plus $16.00 per $1,000 of project valuation
	Plan Revisions	$15.00 per sheet
	Certificate of Occupancy	$100.00
	Conditional Certificate of Occupancy	$100.00 for each 30 days of portion thereof
	Certificate of Completion	$100.00
	Permit placard replacement	$15.00
	Penalty fee for failure to post permit card	$50.00
	Re-inspection fee	$50.00
	Stop Work Order	$100.00
	Permit Extension	$50.00
	Permit Reinstatement	50% of original permit fee applied to remaining work to be completed
	Transfer of Permit	$15.00 or 10% of original permit fee whichever is greater
	Commencement of work without permit	3 times permit fee
	Chapter 130. Vegetation	

	Tree removal permit application filing fee	25.00
	Tree removal permit appeal fee	20.00

WASTEWATER CONNECTION FEES

Residential: Single-family, single condominium or single apartment $1,420

Commercial: Fee for commercial structures (other than units) will be based on water meter size.

5/8" or ¾"	$1,420
1"	$3,500
1½"	$7,100
2"	$11,360
3"	$22,720
4"	$35,500
6"	$71,000
8”	$113,600

WASTEWATER USER FEES

Monthly wastewater (sewer) rates shall be charged to all customers using the wastewater (sewer) utility system of the city. The rate is based on a base component, flow component (3,000 gallons), rate for usage (1,000 gallons) over flow component, purchased wastewater (sewer) treatment pass-through, and annual index adjustment. Each wastewater (sewer) customer shall be billed as follows:

Residential base rate: $28.94 for the first 3,000 gallons, or fraction thereof, of potable water used per residential unit.

Residential excess rate: $9.55 for each 1,000 gallons, or fraction thereof, of potable water used by the customer in excess of the residential base rate.

Commercial base rate: $28.94 for the first 3,000 gallons, or fraction thereof, of potable water used by the customer.

Commercial excess rate: $9.55 for each 1,000 gallons, or fraction thereof, of potable water used by the customer in excess of the commercial base rate.

St. Pete Beach City Commission
Agenda Report

Issue Considered: Ordinance No 2016-15 – Beach Concession Huts

Date: October 25th, 2016

Prepared By: Jennifer Bryla – Community Development Director

Through: Wayne Saunders, City Manager

Summary of Issue: Proposed for your consideration is City-initiated amendment to Division 6 – Supplemental Regulations. Providing for 6.12(h) Beach Concession Huts. The existing code language located in Division 25 – Coastal Protection and Conservation, specifically 25.6(a) requires that every "tiki hut" must secure a conditional use approval for each hut. The City Commission recognized that this would be an unnecessary exercise if appropriate code language existed. At that time the City Commission directed staff to develop language for "tiki huts" or Beach Concession Huts that would allow for administrative approval if certain criteria were adhered to.

The draft language herein has been reviewed by the vendors and hoteliers for comment and their input has been incorporated. Staff received additional comments from the hoteliers, as well as comments from the Department of Environmental Protection that have also been incorporated into the Ordinance. The Ordinance has been amended to reflect the comments from the City Commission meeting of October 11, 2016.

Requested Motion: I move to approve Ordinance No. 2016-15 on first reading (read title).

Attachments

(1) Staff Report

(2) Ordinance 2016-15

(3) Exhibit A

(4) Division 25.6 (a) with changes in underline strikethrough

Reviewed by the City Manager WS

St. Pete Beach City Commission

155 Corey Avenue
St. Pete Beach, FL 33706
727-367-2735

10/25/2016

Item Number
Ordinance #2016-15

Type of Application
Amendment to Land Development Code Division 6, Section 6.12 – Commercial accessory and temporary equipment, structures, portable buildings, and trailers, dumpsters and commercial tents and Division 25, Section 25.6(a) Tiki Huts

Applicant
City of St. Pete Beach

Location
City wide

Project Planner
Jennifer Bryla, AICP,

Requested Action
Approval of Ordinance 2016-15

Staff Recommendation
Approval

City Commission
First Reading (10/11/2016) Approval 5-0 with amendments

Final Reading (10/25/2016)

ITEM SUMMARY:

The City Commission in the Fall of 2015 directed staff to review the existing code requirements to ensure that the codes were being properly enforced with regard to the sand beach activities. Staff found that several of the hoteliers and beach concession vendors had not secured, or the City did not have evidence of, the required Conditional Use permits as the code requires. As this information came to light, and the vendors were contacted, several who had existing huts on the sand beach were happy to comply and submitted applications for Conditional Use approval.

Recognizing that the number of huts that would require the CU approval would exceed 20, Commission directed staff to adjust the language that regulates the huts. The intent of the Ordinance is to allow the vendors to apply for administrative approval for the huts if they could comply with the criteria outlined. If the vendor could not comply, the applicant could still seek a Conditional Use approval through the City Commission. This step by the City Commission would save the applicant from the expense and time for the Conditional Use process and would ensure that the City would have structures in place that are consistent with the directives of the City. Ordinance 2016-15 would regulate the number, look and accessory elements associated with Beach Concession Huts; it will also remove the conflicting language in Division 25.

Findings

In its review of the proposed application, staff has determined:

1. The proposed Ordinance is consistent with Florida Statutes, including Chapter 161.o53.
2. The proposed Ordinance is consistent with DEP 2012 Rules and Procedures for coastal construction and excavation 62B-33.
3. The proposed Ordinance is consistent with the Pinellas County Regional Policy Plan.
4. The proposed Ordinance is consistent with the St. Pete Beach Comprehensive Plan.
5. The proposed Ordinance is consistent with the intent of the LDC.

CONTEXT

Staff has completed research from vendors, other coastal jurisdictions, Florida Department of Environmental Protection and Florida Fish and Wildlife in order to develop the code language. The original language that regulated "Tiki" huts was adopted via Ordinance 2003-07. This Ordinance was included in the creation of the City's Land Development Code. Division 25 – Coastal and Conservation was just one small component of the 172 page document. With the passage of the proposed Ordinance 2016-15, the City will receive surety that the activities occurring on the sand beach are in harmony with the goals and initiatives that are represented in the Comprehensive Plan. This initiative strives to balance the robust tourist industry that is present alongside the established residential communities.

PUBLIC NOTICE:

Notice of public hearing has been advertised as required by State Statutes. As of the date of this report, no oral or written comments have been received. Oral and written comments may be presented at the public hearing.

COMPREHENSIVE PLAN/LAND DEVELOPMENT CODE:

The proposed Ordinance is consistent with the City of St. Pete Beach's Comprehensive Plan, specifically Objective 1.9 of the Coastal and Conservation Element which states:

> In accordance with this Comprehensive Plan, the City of St. Pete Beach shall protect and restore its beaches, dunes and natural system, protect its recreational and commercial working waterfronts, and establish construction standards which minimize the impacts of man-made structures on these systems through the land development regulations.

The proposed Ordinance is also consistent with the intent of the Land Development Code and further augments the regulation for accessory commercial structures.

DEPARTMENT OF ENVIRONMENTAL REGULATIONS:

The proposed Ordinance is consistent with the DEP regulations found in the Rules and Procedures for Coastal Construction and Excavation publication #62B-33 which states:

> (c) Minor activities which do not cause an adverse impact on the coastal system and do not cause a disturbance to any significant or primary dune are exempt from the permitting requirements of this chapter.

	STAFF RECOMMENDATION: Upon review of the above guiding documents, staff recommends approval of Ordinance 2016-15 as presented. **Attachments** **(1)** Staff Report **(2)** Ordinance 2016-15 **(3)** Exhibit A **(4)** Section 25.6

ORDINANCE NO. 2016-15

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, AMENDING DIVISION 6 SUPPLIMENTAL REGULATIONS; PROVIDING FOR SECTION 6.12 (h) BEACH CONCESSION STANDARDS AS OUTLINED IN "EXHIBT A"; PROVIDING FOR SEVERABILITY; AMENDING SECTION 25.6(a) OF DIVISION 25 – COASTAL PROTECTION AND CONSERVATION; PROVIDING FOR THE REPEAL OF ALL ORDINANCES IN CONFLICT HEREWITH; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Commission recognizes the need to regulate the standards for beach concession stands and their accessory equipment; and

WHEREAS, the City Commission has found this Ordinance to be in the best interest of the health, safety, and welfare of the citizens of the city;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, IN SESSION DULY AND REGULARLY ASSEMBLED THAT:

Section 1. Division 6.12(h), of the Land Development Code of the City of St. Pete Beach is hereby created as outlined in Exhibit "A" – Regulating Beach Concession Huts.

Section 2. Division 25 – Coastal Protection and Conservation is hereby amended:

* * *

Section 25.6 – Tiki huts.

(a) The city may permit the location of a tiki hut on the beach in accordance with the following:

(1) Tiki huts shall be allowed only in conjunction with the approval of the owner of the property upon which the tiki hut will be located. ~~and as part of a conditional use approved under the provisions Division 4 of this Code. Tiki huts shall be further regulated as follows:~~

~~a. Only one tiki hut for each approved conditional use on a zoning lot;~~

~~b. Such tiki huts shall be located in accordance with an approved site plan;~~

~~c. Tiki huts shall be no larger than 36 square feet in area with sides that are at least 50 percent open and may have a roof;~~

~~d.~~ No tiki hut shall have utility services, shall serve food or drinks, or shall be used for any other service beyond the sales of services for an approved commercial water sports operation.

Section 3. All Ordinances or parts of Ordinances, in conflict here with are hereby repealed to the extent of any conflict with this Ordinance.

Section 4. If any portion or part of this Ordinance is declared invalid by a court of competent jurisdiction, the valid remainder hereof shall remain in full force and effect.
Section 5. This Ordinance shall become effective immediately.

PASSED ON FIRST READING: ___________________, a.d. 2016

PASSED ON SECOND AND FINAL READING ______________, a.d. 2016

____

MAYOR

FIRST READING: _____________
PUBLISHED: _____________
SECOND READING: _____________
PUBLISHED: _____________

I, Rebecca C. Haynes, City Clerk of the City of St. Pete Beach, Florida, do hereby certify that the foregoing Ordinance was duly adopted in accordance with the provisions of applicable law this _________ day of _________, 2016.

____
Rebecca C. Haynes, City Clerk

APPROVED AS TO LEGAL FORM AND CORRECTNESS:

____
City Attorney
Andrew Dickman, Esq.

“Exhibit A”

6.12 – Commercial accessory and temporary equipment, structures, portable buildings and trailers, dumpsters and commercial tents.

* * *

h) BEACH CONCESSION STANDARDS

Minor Structures that currently exist as of the date of the adoption of this ordinance may be maintained by a transient lodging business that has beach frontage along the Gulf of Mexico, in accordance with the following, after approval by the Technical Review Committee (TRC), otherwise a conditional use permit must be obtained in accordance with Division 4 of the Land Development Code in addition to a Department of Environmental Protection permit for minor structures.

1. Concession Huts

i. Concession Huts shall be for the rental of beach equipment, and/or watersports.

ii. One Concession Hut structure is permitted per transient lodging facility or one for every 200 linear feet of sand beach as measured along the property line adjacent to the sand beach. Huts may be arranged on the sand beach as desired by the property owner.

iii. Concession Huts shall maintain a minimum side setback of 20’ or 10% of the lot width whichever is less.

iv. Concession Huts shall have a maximum floor area of one-hundred (100) square feet, excluding any platform, with exterior dimensions not to exceed nine feet (9'-0") in height from the sand to the eave line (i.e., the intersection of the roof and the exterior walls).

v. Any architectural projections above the eave line may not exceed twelve feet (12'-0") in height from the sand (i.e., roof and roof related architectural elements). All roofing elements shall be appropriate to and consistent with the unique beach environment and/or evocative of the upland architecture, and shall be subject to the review and approval of TRC staff. All building construction materials and finishes shall be appropriate to and consistent with the unique beach environment, subject to the administrative review and approval. Accessory electrical apparatuses may extend above the roof line up to 36” additionally.

vi. All Concession Huts shall be designed to preserve vistas and shall be fully open from forty-six (46") inches above the grade to a minimum eight feet (8'-0") above the sand, with the exception of structural columns or posts. One side of a concession hut may be completely solid to accommodate battery operated equipment and life saving devices and apparatuses. Electrical service is prohibited within a Concession Hut.

vii. Any security side panels that may be used as shade devices and shall be fully supported from the structure itself and shall not contain independent vertical support columns that extend directly to the sand or perimeter platform walkway.

viii. A detached perimeter platform shall be prohibited as an addition to surround the concession hut.

ix. All Concession Huts shall be designed so as to facilitate their immediate removal from the beach upon demand by the City or in the event of an emergency condition.

x. Huts shall be located a minimum of 100’ landward from the mean high water.

xi. Signage shall be limited to a total of 60 sf for all signage attached to the Huts. Signage maybe divided between all sides with no one sign exceeding 20 sf. All pamphlets or advertisement shall be secured within the hut to prevent litter on the beach.

xii. Exterior surface colors and finishes shall be appropriate to the design of the structure. The review and approval of design of the Hut is considered an administrative approval.

xiii. Towel bins, not to exceed 42" in height, may be permitted adjacent to the Concession Huts for the containment of disposed towels. Such bins shall be of a durable material and be able to be removed from the beach to the upland business if necessary.

2. Storage Boxes

i. Storage boxes are considered “beach furniture” and are exempt from permitting criteria if they comply with the following:

ii. Placement of storage boxes are constructed as to not disturb marked marine turtle nests, known nest locations or any other marine nesting habitat or endangered species and should generally be located as to not impede pedestrian mobility along the beach.

iii. Storage Boxes shall be equipped to be fully mobile via trailer or other towing mechanism incorporated internally, for immediate removal from the beach upon demand by the City, or in cases of mandatory emergency evacuation. Skids are prohibited from use with all Beach Concession Huts.

iv. Plans for Concession Huts and Storage Boxes shall include accurate dimensions and scale.

v. Storage Boxes shall be designed for the horizontal storage of chaise lounge pads, umbrellas, sun canopies, daybeds, and similar items and shall not exceed a maximum size of 500 cubic feet, not to exceed 6' in height above the sand.

vi. Storage Boxes shall be simply designed, free of adornment and embellishment, and detailed in a manner appropriate to the unique beach environment inclusive of construction materials and finishes and shall be painted to match the concession hut without an accent trim color, and shall be subject to the review and approval of the Technical Review Committee.

vii. No signage shall be permitted on storage facilities, except a discreetly displayed plaque measuring a maximum four inches by six inches (4" x 6"), identifying the Concessionaire's name, address and telephone number.

viii. A maximum of two storage boxes shall be permitted per Concession Hut and must be located to the east of the Hut.

3. Driving on the Beach

Any concessionaire that requires the ability to drive on the sandy beach in conjunction with the operation of the business on the sand beach shall be required to obtain a driving on the beach permit annually and required to adhere to the following:

i. All recipients of a driving on the beach permit will receive a decal to display on the vehicle at all times while on the beach.

ii. A letter of authorization is required from each of the private property owner affected.

iii. All vehicles must remain at least ten feet (10') at all times from people, vegetation, dunes and any marine wildlife areas.

iv. A 10 mph speed limit must be adhered to all times.

v. Driving on the beach shall be prohibited during the marine turtle nesting season until after daily marine turtle nest survey, protection, and monitoring program is conducted throughout the driving area. The marine turtle survey, protection, and monitoring program shall be conducted only by individuals possessing appropriate expertise in the protocol being followed and a valid F.A.C. Rule 68E-1 Permit issued by the Florida Fish & Wildlife Conservation Commission (FWC).

vi. A liability bond is required to insure that no damage is done to the beach area involved, the amount of which is to be determined according to the activities involved. Proof of insurance is required by the City Manager in the amount of One Million Dollars ($1,000,000) Bodily Injury and Five-Hundred Thousand Dollars ($500,000) Property Damange from the sponsoring organization.

4. General Restrictions

i. Signage on Umbrellas or Cabanas shall be prohibited, excluding the transient lodging logo or the like.

ii. Children's sand play areas may be incorporated into the overall beach concession hut area and shall have a maximum area of 36' square feet and shall have no elements that are taller than 30" above the sand beach, with the exception of shade umbrellas.

iii. In no instance shall serving trays, coolers, boxes, or other devices or objects remain stacked or stored outside of a storage facility and visible from any vantage point on the beach, at any time.

iv. All mechanical equipment used to prepare watersports gear shall be concealed to the greatest extent possible in accordance with the guidelines for shieling located in Division 22 of the LDC and not exposed or remain on vehicular trailers.

v. The State of Florida Department of Environmental Protection reserves the right to review and permit all structures, including Concession Huts and Storage Boxes, pursuant to Section 161.56 of the Florida Statutes.

Sec. 25.6. - Tiki huts.

The city may permit the location of a tiki hut on the beach in accordance with the following:

~~(1) Tiki huts shall be allowed only in conjunction with the approval of the owner of the property upon which the tiki hut will be located and as part of a conditional use approved under the provisions Division 4 of this Code. Tiki huts shall be further regulated as follows:~~

~~a. Only one tiki hut for each approved conditional use on a zoning lot;~~

~~b. Such tiki huts shall be located in accordance with an approved site plan;~~

~~c. Tiki huts shall be no larger than 36 square feet in area with sides that are at least 50 percent open and may have a roof;~~

~~d.~~ No tiki hut shall have utility services, shall serve food or drinks, or shall be used for any other service beyond the sales of services for an approved commercial water sports operation.

(1~~2~~) Tiki huts shall be removed from the beach in the event of the issuance of a warning for a storm that, in the opinion of the city, is expected to be of sufficient strength to warrant such removal.

(2~~3~~) Any tiki hut or other similar structure placed or erected on the beach after the adoption of this Code without a permit from the city shall in violation of this Code and all remedies shall be sought in accordance with the provisions of section 3.16 of this Code.

St. Pete Beach City Commission
Agenda Report

Issue Considered: Ordinance 2016-03 – An ordinance amending chapter 86: Utilities to address Fats Oils and Grease (FOG)

Date: October 25, 2016

Prepared By: Bruce Cooper, Building Official

Through: Jennifer Bryla, Community Development Director

Summary of Issue: This ordinance will affect all Food Service Establishments and Automotive Related Enterprises which discharges Fats, Oils and Grease, also known as FOG. If approved, all establishments will be required to obtain a "Commercial Wastewater Discharge Permit" from the City. The permit will require all establishments to update all grease traps or oil/water separators to comply with the Florida Plumbing Code. In addition, the City will have the ability to inspect their systems and paperwork to insure that they are properly maintained.

The Ordinance was initiated at the request of the Florida Department of Environmental Protection via the City's consent order #14-0021 condition #17.

Requested Motion: I move to approve Ordinance 2016-03 as presented. (read title)

Attachment: Ordinance 2016-03

Reviewed by the City Manager: ____

M E M O

To: **City Commission**

From: **Bruce Cooper**

Date: **10/25/16**

Re: **Ordinance #2016-03, Fats, Oils and Grease (FOG)**

City staff utilized the City of Clearwater's FOG ordinance and modified it accordingly. This ordinance will affect all Food Service Establishments and Automotive Related Enterprises which discharges Fats, Oils and Grease, also known as FOG. If approved, all establishments will be required to obtain a "Commercial Wastewater Discharge Permit" from the City. In addition to the permit, the ordinance provides for;

- Inspection Program including a pre-permit inspection and routine inspections.
- All businesses desiring to collect, pump or haul grease wastes from your establishment, shall be required to maintain a Pinellas County "Grease Waste Hauler Permit".
- Enforcement, Fines and Remedies.

The main objective of this ordinance is to insure that all establishments have properly sized grease traps, grease interceptor or oil/water separators and that they are properly maintained.

Staff has provided the effective date on January 1, 2017 for the following reasons:

- To give staff and all business owners additional time to be prepared. Staff has submitted a letter to all business owners advising them of this first reading.
- Submit a subsequent ordinance amending Appendix A for the inspection fee as established in Section 86-150 (c) and the annual permit fee established in Section 86-152.

Ordinance 2016-03

AN ORDINANCE OF THE CITY OF ST. PETE BEACH, PINELLAS COUNTY, FLORIDA, PROVIDING FOR AMENDMENT OF CHPATER 86 – UTILITIES, OF THE CITY OF ST. PETE BEACH CODE OF ORDINANCES SECTION(S) 86-147 – 86-153, PERTAINING TO FATS, OILS, AND GREASE (FOG); PROVIDING FOR THE REPEAL OF ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH, TO THE EXTENT OF SUCH CONFLICT; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Commission wishes to update the City's regulations pertaining Fats Oils and Grease Management within the City; and

WHEREAS, the City Commission has found this Ordinance to be in compliance with the City's consent order issued by DEP dated November 21, 2014; and

WHEREAS, the City Commission has found this Ordinance to be in the best interest of the City of St. Pete Beach;

NOW, THEREFORE, THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, HEREBY ORDAINS:

Section 1. ARTICLE V. FATS, OILS, AND GREASE (FOG) MANAGEMENT PROGRAM

Sec. 86-147. GENERAL PROVISIONS.

(a) *Purpose and policy.* This article sets forth uniform requirements for food service establishments and automotive related enterprises located within the City of St. Pete Beach and to food service establishments and automotive related enterprises located outside the city who are, by contract or agreement with the city, users of the Wastewater Collection System, herein after referred to as the WWCS. This Article enables the city to comply with all applicable state and federal laws including the Clean Water Act (33 United States Code Sec.1251 et seq.). This article further establishes uniform permitting, maintenance, and monitoring requirements for controlling the discharge of fats, oils and grease from food service establishments and automotive related enterprises discharging to the City of St. Pete Beach WWCS.

(b) *Objectives.* The objectives of this article are:

(1) To preclude the introduction of excessive amounts of fats, oils, and grease into the City of St. Pete Beach' wastewater collection and transmission system; and

(2) To prevent obstruction or blockage of the city's sanitary sewer lines due to grease build-up, attributing to sanitary sewer backups and overflows or releases of wastewater that reach waters of the United States, publicly and privately-owned properties, streets, and residential and commercial buildings, resulting in potential environmental and civil liability to the city; and

(3) To protect the health, safety, and welfare of the citizens of and visitors to the City of St. Pete Beach, the integrity of the environment, and regulate the use of the city's wastewater collection and transmission system as required by law; and

(4) To set forth the procedures to be followed in administering this article and to provide penalties for violations thereof; and

(5) To implement a procedure to recover the costs incurred by the city, including staff time and equipment used, in cleaning and maintaining wastewater collection system lines and disposing of grease blockages; and

(6) To implement a procedure to recover costs for any liability incurred by the city for damages caused by grease blockages resulting in the flooding of streets, residences, or commercial buildings and to prevent similar recurrences; and

(7) To issue Commercial Wastewater Discharge Permits (CWDPs) to food service establishments and automotive related enterprises requiring grease trap, grease interceptor, and/or oil/water interceptor installation, maintenance, monitoring, compliance, and enforcement activities; and

(8) To establish administrative review procedures and reporting requirements; and

(9) To establish fees for the recovery of costs resulting from the program established herein; and

(10) To establish enforcement procedures for violations of any part or requirement of this article.

(c) *Administration.* Except as otherwise provided herein, the Director of the Public Services Department (Director), or other such persons as delegated by the City Manager, shall assign the administration of the FOG Management Program to designated staff for implementation and enforcement of the provisions of this article, up to and including fines for non-compliance.

(d) *Applicability.* The provisions of this article shall apply to all existing food service establishments and automotive related enterprises and to all food service establishments and automotive related enterprises that commence operation on or after the effective date of this article that are located within the municipal boundaries of the City of St. Pete Beach and to all existing food service establishments and automotive related enterprises and to all food service establishments and automotive related enterprises that begin operations on or after the effective date of this article located outside the municipal boundaries of the city, and who are, by contract or agreement with the city, users of the WWCS owned, operated, and maintained by the City of St. Pete Beach, Florida.

(e) *Severability.* If any clause, sentence, paragraph, section or subsection of these regulations shall be adjudged invalid for any reason whatsoever, such judgment shall not affect, repeal or invalidate the remainder thereof, but shall be confined to the clause, sentence, paragraph, section or subsection thereof found to be invalid.

(f) *Disclaimer of liability.* These regulations shall not be construed or interpreted as imposing upon the city, its officials, or employees:

(1) Any liability or responsibility for damages to any property; or

(2) Any warranty that any system, installation, or portion thereof that is constructed or repaired under permits and inspections required by these regulations will function properly. In addition, any employee charged with enforcement, acting in good faith and without malice in the discharge of their duties, shall not thereby be personally liable and is hereby relieved from personal liability for damage that may occur to any person or property as a result of any act required by these regulations.

Sec. 86-148. DEFINITIONS AND ABBREVIATIONS.

(a) *General definitions.* Unless the context specifically indicates otherwise, the following terms and phrases used in this article shall have the meaning hereinafter designated as follows:

(1) *"Automotive related enterprise".* An establishment where automotive vehicles are serviced, greased, repaired, or washed and which contribute wastes containing petroleum (hydrocarbon) based oils and greases. Automotive related enterprises shall include, but shall not be limited to, automotive repair garages, gasoline stations with grease racks, and commercial vehicle wash facilities.

(2) *"Automotive related enterprise owner"* or *"owner".* In the case of an individual automotive related facility, the owner or proprietor of the automotive related operation. Where the automotive related facility is a franchise operation, the owner of the franchise is the responsible person or entity. Where the automotive related facility is owned by a corporation, the corporate representative is the responsible entity.

(3) *"Best Management Practices"* or *"BMP".* Techniques used throughout the food service industry, and have proven effective when implemented properly and consistently.

(4) *"Black water".* Wastewater from sanitary fixtures such as toilets and urinals.

(5) *"City".* The City of St. Pete Beach, Florida, or the Board of City Commissioners of St. Pete Beach, Florida and all authorized representatives.

(6) *"Commercial wastewater discharge permit (CWDP)".* A permit issued by the City of St. Pete Beach, Florida, authorizing the discharge of wastewater to the city's WWCS from a food service establishment or an automotive related enterprise.

(7) *"Control Authority".* The City of St. Pete Beach, Florida through the Director of the Public Services Department.

(8) "Director". The Director of the City of St. Pete Beach' Public Services Department, or such other persons designated by the City Manager.

(9) *"Food service establishment"* or *"establishment"* or *"FSE".* Any business or food service facility, which prepares, processes, and/or packages food for sale or consumption, on or off site, with the exception of private residences. Food service establishments shall include, but are not limited to: food courts, food manufacturers, food packagers, restaurants, grocery stores, delicatessens, bakeries, retail and wholesale meat markets, retail and wholesale seafood markets, lounges, hospitals, nursing homes, assisted congregate living facilities, churches, schools, and all other food service facilities not specifically listed above. For the purpose of this division, food service establishment shall not include a facility that only prepares beverages; an

establishment that only sells prepackaged foods, or an establishment that is currently classified as a Significant Industrial User by and permitted through the city's Industrial Pretreatment Program.

(10) *"Food service establishment owner"* or *"owner".* In the case of individual food service establishments, the owner or proprietor of the food service operation. Where the food service establishment is a franchise operation, the owner of the franchise is the responsible person or entity. Where the food service establishment is owned by a corporation, the corporate representative is the responsible entity. Where two or more food service establishments share a common grease interceptor, the owner shall be the individual who owns or assumes control of the grease interceptor or the property on which the grease interceptor is located.

(11) *"Garbage".* Solid waste resulting from the domestic or commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce, meats, and seafoods.

(12) *"Garbage disposal"* or *"garbage grinder".* A device which shreds or grinds up waste material into smaller portions prior to discharge into the city's wastewater collection and transmission system.

(13) *"Gray water".* All of the liquid contained in a grease interceptor that lies below the floating grease layer and above the food solids layer.

(14) *"Grease".* A material, either liquid or solid, containing substances which may solidify or become viscous at temperatures between 32 degrees and 150 degrees Fahrenheit, composed primarily of fats, oils or grease from animal or vegetable sources. The phrases "fats, oils and grease", "FOG", "oil and grease," or "oil and grease substances" shall be included in this definition.

(15) *"Grease interceptor".* A device located underground and outside of a food service establishment designed to collect, contain, or remove food waste solids and grease from the wastestream while allowing the balance of the liquid waste ("gray water") to discharge to the city's wastewater collection and transmission system by gravity flow or to a privately-owned collection and transmission system, which discharges to the city's wastewater collection and transmission system. Grease interceptors are required whenever and wherever grease waste is produced in quantities that could otherwise cause line stoppage or hinder sewage disposal and shall be in conformance with the provisions of the most current edition of the Florida Plumbing Code and all other federal, state, and local regulations.

(16) *"Grease trap".* A device located inside a food service facility or under a sink designed to collect, contain or remove food wastes and grease from the waste stream while allowing the balance of the liquid waste ("gray water") to discharge to the city's wastewater collection and transmission system by gravity flow or to a privately-owned collection and transmission system, which discharges to the city's wastewater collection and transmission system. Grease traps shall be in conformance with the provisions of the most current edition of the Florida Plumbing Code.

(17) *"Grease waste hauler".* A person who collects the contents of a grease interceptor or grease trap and transports it to an approved grease recycling or grease disposal facility. A grease waste hauler may also provide other services to a food service establishment related to grease interceptor maintenance.

(18) *"Oil/water separator".* A device designed and installed to segregate oil and water to prevent the discharge of oils to the WWCS. Oil/water separators are required where oils are discharged in quantities that could hinder the operation of the WWCS as determined by the city, including, but not limited to, facilities where automotive vehicles are serviced, greased, repaired, or washed.

(19) *"Registered grease waste hauler list".* A list of grease waste haulers registered with the City of St. Pete Beach in accordance with the provisions outlined in Sec. 86-151 of this article and authorized to collect grease and operate a grease waste hauling business in the city.

(20) *"Shall"* is mandatory. *"May"* is permissive.

(21) *"Significant industrial user".*

a. All users subject to categorical standards under Rule 62-625.410, FAC and 40 CFR Chapter I, Subchapter N, which has been adopted by reference in Rule 62-660, FAC; and

b. Any other industrial user that:

1. Discharges an average of 25,000 gallons per day or more of process wastewater to the WWCS (excluding sanitary, noncontact cooling, and boiler blowdown wastewater); or

2. Contributes a process wastestream which makes up five percent or more of the average dry weather hydraulic or organic capacity of the WWCS; or

3. Is designated as such by the city on the basis that it has a reasonable potential for adversely affecting the WWCS's operation or for violating any pretreatment standard or requirement in accordance with Rule 62-625.500(2)(e), FAC.

(22) *"Wastewater".* The liquid and water-carried industrial or domestic wastes from dwellings, commercial establishments, industrial facilities, and institutions, together with any solids or other pollutants which may be present, whether treated or untreated, which is contributed into or permitted to enter the WWCS.

(23) *"Wastewater collection and/or transmission systems" or "WWCS".* Sewer, pipelines, conduits, manholes, pumping stations, force mains, and all other facilities used for the collection and transmission of wastewater from individual service connections to the wastewater treatment plant intended for the purpose of providing treatment prior to release to the environment.

(b) *Abbreviations.* The following abbreviations, when used in this article, shall have the designated meanings as follows:

(1) BMP—Best Management Practices.

(2) CWA—Clean Water Act.

(3) CWDP—Commercial Wastewater Discharge Permit.

(4) FAC—Florida Administrative Code.

(5) FDEP—Florida Department of Environmental Protection.

(6) FOG—Fats, Oils, and Greases.

(7) FSE—Food Service Establishment.

(8) NOV—Notice of Violation.

(9) WWCS—Wastewater Collection and/or transmission System.

Sec. 86-149. GREASE TRAPS, GREASE INTERCEPTORS, AND OIL/WATER SEPARATORS.

(a) *Requirements.* All food service establishments and automotive related enterprises are required to have a grease trap or grease interceptor, or an oil/water separator, respectively, properly installed in accordance with any and all applicable requirements of the most current edition of the Florida Plumbing Code.

(1) *New establishments.* On or after the effective date of this article, all food service establishments and automotive related facilities, which are proposed or newly constructed, or existing food service establishments and automotive related facilities, which will be expanded, renovated, or

remodeled, to include a food service establishment or automotive related facilities, where such an establishment or facility did not previously exist, shall be required to install a grease interceptor(s), grease trap(s) or oil/water separator in accordance with the requirements of the most current edition of the Florida Plumbing Code and to operate and maintain the grease interceptor(s), grease trap(s) or oil/water separator in accordance with the requirements outlined in this article. Grease interceptors, grease traps, and oil/water separators shall be installed and permitted prior to the issuance of a certificate of occupancy by the city's Building Department.

(2) *Existing establishments.*

a. All food service establishments and automotive related shall be required to upgrade or replace their existing grease interceptor, grease trap, and/or oil/water separator, if it's determined by the Control Authority that the existing systems, is not in compliance with the Florida Building Code, (Plumbing) within 180 days of notification. Appeals may be made to the Control Authority within 14 days from receiving such notification. Appeals shall only be granted on the basis of the existing establishments and or facilities having insufficient area either inside the building or outside on the building site.

When applying for a permit as required by Section 86-150 (a) the owner of the Food Service Establishment or auto related enterprise shall obtain the services of a licensed Plumber to submit along with the application the following information;

1. Site plan and/or floor plan depicting all grease traps, grease interceptors, and oil/water separators.

2. The size of all grease traps, grease interceptors, and oil/water separators (system(s)).

3. Calculations showing the type and capacity required by the Florida Building Code, Plumbing.

4. If the calculations show that the existing system(s) are deficient, then plans must be submitted to show how the system will be brought into compliance.

b. At any time after any food service establishment and automotive related facilities are brought into compliance based on subsection (a) above the city shall require an existing food service establishment or an automotive related facility to install a new oil and grease removal system, which shall include a grease interceptor, grease trap, or oil/water separator that complies with the requirements of the most current edition of the Florida Plumbing Code or to modify, repair, or replace any noncompliant plumbing or existing grease interceptor, grease trap, or oil/water separator within thirty (30) business days of written notification by the Control Authority when any one or more of the following conditions exist:

1. The establishment does not have a grease interceptor, grease trap, or oil/water separator; or

2~~.~~ The establishment is found to be contributing fats, oils, and greases in quantities sufficient to cause wastewater collection system line stoppages or necessitate increased maintenance on the city's wastewater collection and transmission system; or

3. The establishment has an irreparable, or defective grease interceptor, grease trap, or oil/water separator; or

4 Remodeling of the food preparation or kitchen waste plumbing system is performed, which requires a plumbing permit to be issued by the City of St. Pete Beach; or

5 There is a change in the intended use of the establishment; or

6 The existing establishment is sold or undergoes a change in ownership; or

7. The existing establishment does not have plumbing connections to a grease interceptor, grease trap, or oil/water separator in compliance with the requirements of this article~~;~~

(c) *Plumbing connections.* Grease interceptors, grease traps, or oil/water separators shall be installed in accordance with the most current edition of the Florida Plumbing Code, which requires that such grease interceptor, grease trap, or oil/water separator be located in the food service establishment's or automotive related facility's lateral service line between all fixtures which may introduce fats, oils, or greases into the sewer system and the connection to the city's wastewater collection and transmission system. Wastewater from sanitary facilities (black water) and other similar fixtures shall not be introduced into the grease interceptor, grease trap, or oil/water separator under any circumstance and is strictly prohibited.

(d) *Grease traps.* Grease traps shall be installed in accordance with the most current edition of the Florida Plumbing Code and the FSE shall operate and maintain its grease trap in accordance with the following criteria:

1) *Inspection, cleaning and maintenance.* Each FSE shall be solely responsible for the cost of the grease trap's proper installation, inspection, cleaning, and maintenance. Each FSE may contract with a grease waste hauler who is currently permitted by Pinellas County, Florida, or may perform its own grease trap cleaning and maintenance. All grease traps shall be opened, inspected, cleaned, and maintained at a minimum of once per week. In addition to the required weekly cleaning, each FSE shall determine an additional cleaning frequency at which its grease trap(s) shall be cleaned according to the performance standards outlined in the city's guidance document entitled "Design and Performance Criteria for Grease Traps, Grease Interceptors, and Oil/water Separators".

2) *Control Authority inspection.* Grease traps shall be periodically inspected by the Control Authority, upon the presentation of proper credentials and identifications, as necessary to assure compliance with this article and to assure proper cleaning and maintenance schedules are being adhered to.

3) *Repairs and replacement.* The FSE shall be solely responsible for the cost and scheduling of all repairs to and/or replacement of its grease trap(s). Repairs or replacement required by the Control Authority shall be completed by a specified date of the written notice of required repairs or replacement is received by the establishment. The Control Authority may authorize an extension of time to achieve compliance, if requested by an FSE. If additional time is necessary to come into compliance with the provisions of this article, the FSE may submit a compliance schedule establishing a schedule for bringing the FSE into compliance on a reasonably agreed upon date.

4) *Disposal.* Grease and solid materials removed from a grease trap shall be containerized and appropriately disposed of in the FSE's solid waste disposal system.

5) *Record keeping.* The FSE shall maintain records of the date, time, and signature of all cleaning and maintenance for each grease trap in a logbook and shall make this logbook available for inspection by the Control Authority upon request.

(e) *Grease interceptors.* Grease interceptors shall be designed and installed in accordance with the most current edition of the Florida Plumbing Code. Each FSE shall operate and maintain its grease interceptor in accordance with the following criteria:

1) *Inspection, pumping, and maintenance.* Each FSE shall be responsible for all costs associated with the proper installation, inspection, pumping, cleaning, and maintenance of its grease interceptor. All FSE's that have grease interceptors shall utilize a contracted grease hauler who has been permitted by Pinellas County, Florida. Pumping services shall include the complete removal of all contents, including floating materials, wastewater and bottom sludges and solids from the interceptor.

2) *Pumping frequency.* Each FSE shall have its grease interceptor(s) pumped at a minimum frequency of once every calendar month. There shall be a minimum period of three (3) weeks between each required pumping. In addition to required monthly pumping, each Control Authority shall determine an additional or reduced frequency at which its grease interceptor(s) shall be pumped according to the performance standards outlined in the city's guidance document entitled "Design and Performance Criteria for Grease Traps, Grease Interceptors, and Oil/water Separators".

3) *Control Authority inspection.* Grease interceptors shall be periodically inspected by the Control Authority, upon the presentation of proper credentials and identifications, as necessary to assure compliance with this article and to determine if proper cleaning and maintenance schedules are being adhered to. If, upon inspection, an interceptor is found to exceed the standards outlined in the city's guidance document entitled "Design and Performance Criteria for Grease Traps, Grease Interceptors, and Oil/water Separators", the FSE shall be required to have the interceptor pumped out within seventy-two (72) hours of the inspection date. Failure to pump-out the interceptor shall constitute a violation of this article.

4) *Repairs and replacement.* The FSE shall be solely responsible for the cost and scheduling of all repairs to and/or replacement of its grease interceptor(s). Repairs or replacement required by the Control Authority shall be corrected by a specified date contained in the same written notice that requires the repairs or replacement. The Control Authority may authorize an extension of time to achieve compliance for an additional sixty (60) calendar days if requested by an FSE. If additional time is necessary to come into compliance with the provisions of this article, the FSE may submit a compliance schedule establishing a schedule for bringing the FSE into compliance on a reasonably agreed upon date.

5) *Disposal.* Wastes removed from each grease interceptor shall be disposed of at a facility permitted to receive and treat such wastes. Neither grease nor solid materials removed from the interceptors shall be returned to any grease interceptor, publicly or privately-owned sewer line, publicly or privately-owned manhole, publicly or privately-owned pump station, or any portion of the city's wastewater collection and transmission system or wastewater treatment facility.

6) *Record keeping.* Each FSE shall maintain records of cleaning and maintenance of the system, details of any repairs required, and dates of repair completion, and any other records pertaining to the interceptor. These records shall be made available for review upon request by the Control Authority, and shall contain the following information:

   a. The as-built drawing of the establishment's plumbing system;
   b. A copy of the current Commercial Wastewater Discharge Permit;
   c. Receipts from grease pumpers, plumbers, parts suppliers, etc.;
   d. Log of pumping, cleaning, and maintenance activities; and
   e. Grease waste hauler information.

   The file shall be available at all times for inspection and review by the Control Authority.

(f) *Oil/water separators.* Oil/water separators shall be designed and installed in accordance with the most current edition of the Florida Plumbing Code. Each automotive related facility shall operate and maintain its oil/water separator in accordance with the following criteria:

1) *Inspection, pumping, and maintenance.* Each automotive related facility shall be responsible for all costs associated with the proper installation, inspection, pumping, cleaning, and maintenance of its oil/water separator. All automotive oil and grease generators that have oil/water separators shall utilize a contracted waste oil hauler.

2) *Pumping frequency.* Each automotive related facility shall have its oil/water separator(s) pumped at a minimum frequency of once every one hundred and eighty (180) days, or more frequently as needed to prevent carry over of oil and grease into the city's WWCS, which shall be determined by the Control Authority.

3) *Control Authority inspection.* Oil/water separators shall be periodically inspected by the Control Authority, upon the presentation of proper credentials and identifications, as necessary to assure compliance with this article and to determine if proper cleaning and maintenance schedules are being adhered to. If, upon inspection, an oil/water separator is found to exceed the standards outlined in the city's guidance document entitled "Performance Criteria for Grease Traps, Grease Interceptors, and Oil/water Separators", the automotive related enterprise shall be required to have the separator pumped out within seventy-two (72) hours of the inspection date. Failure to pump-out the oil/water separator shall constitute a violation of this article.

4) *Repairs and replacement.* The automotive related enterprise shall be solely responsible for the cost and scheduling of all repairs to and/or replacement of its oil/water separator(s). Repairs or replacement required by the Control Authority shall be corrected by a specified date of written notice of requiring the repairs or replacement is received by the facility. The Control Authority may authorize an extension of time to achieve compliance if requested by an automotive related enterprise. If additional time is necessary to come into compliance with the provisions of this article, the automotive related enterprise may submit a compliance schedule establishing a schedule for bringing the automotive related enterprise into compliance on a reasonably agreed upon date.

5) *Disposal.* Wastes removed from each oil/water separator shall be disposed of at a facility permitted to receive and treat such wastes. Neither oil nor solid materials removed from the separator shall be returned to any oil/water separator, publicly or privately-owned sewer line, publicly or privately-owned manhole, publicly or privately-owned pump station, or any portion of the city's wastewater collection and transmission system or wastewater treatment facility.

6) *Record keeping.* Each automotive related enterprise shall maintain records of cleaning and maintenance of each oil/water separator, details of any repairs required, and dates of repair completion, and any other records pertaining to the oil/water separators. These records shall be made available for review upon request by the Control Authority, and shall contain the following information:

a. The as-built drawing of the facility's plumbing system;,

b. A copy of the current Commercial Wastewater Discharge Permit;

c. Receipts from pumpers, plumbers, parts suppliers, etc.;

d. Log of pumping, cleaning, and maintenance activities; and

e. Waste oil hauler information.

The file shall be available at all times for inspection and review by the Control Authority.

7) *Additives.* Any chemicals, enzymes, emulsifiers, live bacteria, or other grease cutters, dissolving agents, or additives used for the purpose of oil and grease reduction shall be prohibited unless such use has been approved by the Control Authority prior to their addition to grease traps, grease interceptors or oil/water interceptors by the FSE, the automotive related enterprise or the grease hauler. Material Safety Data Sheets (MSDS) and any other applicable information concerning the composition, frequency of use, and mode of action of the proposed additive shall be sent to the city together with a written statement outlining the procedures for the proposed use of the additive(s). Based upon the information received and any other information solicited from the potential user or supplier, the Control Authority shall permit or deny the use of the additive in writing. Permission to use any specific additive may be withdrawn by the Control Authority at any time.

8) *Alternative grease removal devices or technologies.* Alternative device and technologies such as automatic grease removal systems shall be subject to written approval by the Control Authority prior to installation. Approval of the device shall be based on demonstrated (proven) removal efficiencies and reliability of operation. The Control Authority may approve these types of devices depending on manufacturer's specifications on a case by case basis. The establishment may be required to furnish analytical data demonstrating that oil and grease discharge concentrations to the city's wastewater collection and transmission system will not exceed the limitation established in Chapter 86, Article III of the City of St. Pete Beach' Code of Ordinances.

Sec. 86-150. PERMITTING AND INSPECTION PROGRAM.

(a) *Permitting requirements.* All FSE and automotive related enterprises shall be required to apply for and obtain a "Commercial Wastewater Discharge Permit" (CWDP) from the city. The Control Authority shall approve, deny, or approve with special conditions all applications for CWDPs in accordance with the policies and regulations established in this article. The CWDP shall be in addition to any other permits, registrations, or local business taxes which may be required by Federal, State, or local law. It shall be a violation of this article for any FSE or automotive related enterprise identified by the Control Authority to discharge wastewater containing fats, oils, and grease to the City of St. Pete Beach' wastewater collection and transmission system without a current CWDP.

(b) *Application form.* The Control Authority shall provide an application form for a CWDP. The appropriate form shall be sent to all FSE and automotive related enterprise owners identified by the Control Authority. All establishments required under the terms of this program to obtain a CWDP shall submit a completed application form for a CWDP to the Control Authority at the address shown on the form within thirty (30) calendar day of receipt of the form.

(c) *Pre-permit inspection procedure.* Once a completed application form has been received, the FSE or automotive related facility shall be inspected by the Control Authority prior to the issuance of the CWDP. During the pre-permit inspection, the information contained in the application form will be verified. The grease interceptor, grease trap, or oil/water separator will be inspected. If all information is verified and the grease interceptor, grease trap, or oil/water separator is in proper working condition, a CWDP will be issued. Additionally, for FSE's, a copy of the Control Authority's information document entitled "Best Management Practices for the Control of Fats, Oils, and Grease", hereby incorporated by reference, will be issued. If the grease interceptor, grease trap, or oil/water separator requires any maintenance or repairs, or incorrect information has been submitted in the application, the Control Authority shall provide a written notice to correct any deficiencies, including a required time schedule for repairs to be completed prior to a second pre-permit inspection. (Second pre-permit inspections shall be performed after sufficient time to make corrections is provided to allow for corrective action by the establishment to occur. If the facility is not in compliance at the second pre-permit inspection or any subsequent pre-permit inspection,, a charge of $50.00 will be assessed. During the pre-permit inspection process program staff will record all pertinent information required to justify the recuperation of costs incurred by the city for re-inspections.

(d) *Commercial Wastewater Discharge Permit (CWDP).* The following criteria shall apply to all CWDPs:

1) Each CWDP shall be effective for a period not to exceed two (2) years and shall have an effective and an expiration date;

2) The CWDP must be displayed in a conspicuous place where it can be seen by the staff of the establishment;

3) The CWDP shall be issued to a specific user for a specific operation. CWDP's may vary in content and requirements depending on the classification of the FSE or automotive related enterprise and the type(s) of oil and grease removal device(s) installed. A CWDP shall not be transferred or sold to a new owner under any circumstances. A new owner of a FSE or automotive related enterprise is required to apply for a new CWDP;

4) The Control Authority shall provide the establishment with a CWDP renewal application sixty (60) days prior to the existing permit expiration date;

5) An application for renewal of the CWDP shall be submitted at least thirty (30) days prior to the expiration date of the existing CWDP by each applicant wishing to continue to discharge into the city's WWCS. Failure to submit a application in a timely manner shall be in violation of this article;

6) The terms and conditions of the CWDP are subject to modification by the Control Authority during the term of the permit, if conditions or requirements in this article are modified. The user shall be informed of any proposed changes in the issued permit at least sixty (60) days prior to the effective date of the change(s). Any changes or new conditions in the CWDP shall include a reasonable schedule for achieving compliance; and

7) If the establishment changes or expands its scope of service, which will result in a discharge flow change, then a new permit application shall be filed.

(e) *Right of entry.* Each FSE and automotive related enterprise shall allow the Control Authority and other duly authorized employees or agents of the city, bearing proper credentials and identifications, access at all reasonable times to all parts of the premises for the purpose of inspection, observation, records examination, measurement, sampling, and testing in accordance with the provisions of this article. The refusal of any FSE or automotive related enterprise to allow the Control Authority entry to or upon the facility's premises for purposes of system inspection, sampling effluents, or inspecting and copying records or performing such other duties as shall be required by this article shall constitute a violation of this article.

(f) *Inspection.* All FSE's and automotive related facility's shall be inspected as follows:

1) *Pre-permit inspection.* Pre-permit inspections shall be conducted by the Control Authority as outlined in subsection (c) above.

2) *Routine Inspections.* The Control Authority shall inspect FSE's and automotive related facility's on both an unscheduled and unannounced basis or on a scheduled basis after a CWDP has been issued to verify continued compliance with the requirements of this article. The Control Authority shall also determine if the practices contained in the "Best Management Practices for the Control of Fats, Oils, and Grease", issued to food service establishments, have been implemented. Inspections may include all equipment, food processing and storage areas and may include a review of the processes that produce wastewater discharged from the facility through the grease interceptor, grease trap, or oil/water separator. The Control Authority shall also inspect the grease interceptor, grease trap, or oil/water separator and may check the level of the grease interceptor, grease trap, or oil/water separator contents and/or take samples as

necessary. The Control Authority shall record all observations in a written report. Any deficiencies shall be noted, including but not limited to:

a. Failure to properly maintain the grease interceptor, grease trap, or oil/water separator in accordance with the provisions of the CWDP and this article; or

b. Failure to report changes in operations, or wastewater constituents and characteristics; or

c. Failure to keep copies of pumping manifests or receipts; or

d. Failure to maintain logs, files, records, or access for inspection or monitoring activities; or

e. Failure to obtain or renew the CWDP in a timely manner; or

f. Inability of existing grease trap, grease interceptor, or oil/water separator to prevent the discharge of oil and grease into the city's collection and transmission system as evidence by the build-up of oil and grease downstream of the grease trap, grease interceptor, or oil/water separator or the unit is not properly sized; or

g. Any other inconsistency with this article that requires correction by the FSE or automotive related enterprise.

If any deficiencies are recorded by the Control Authority during an inspection, the Control Authority shall provide the establishment a written notice to correct the deficiency within a specified time frame, and a tentative date for a first re-inspection.

3) *Re-inspections.* The Control Authority shall re-inspect establishments which received deficiency notices after the original inspection. The Control Authority shall inspect any repairs or other deficiencies and shall provide written notice of compliance or non-compliance as the case may be. A first re-inspection shall be performed after a specified time frame has elapsed to allow for corrective action by the establishment to be completed. In the event of continuing non-compliance, successive re-inspections will be scheduled and ~~appropriate fees~~ shall be charged **$50.00** ~~in accordance with the city's pre-established fee rates as identified in the ERP~~ to the establishment for the second re-inspection, and all successive re-inspections.

Sec. 86-151. GREASE WASTE HAULER REQUIREMENTS.

(a) *Pinellas County's "Grease Hauler Program".* Any person, firm, or business desiring to collect, pump, or haul grease wastes from FSEs serviced by the City of St. Pete Beach' WWCS shall hold and maintain an active and current Pinellas County "Grease Waste Hauler Permit".

Note: The City of St. Pete Beach WWCS does not accept grease waste.

1) It shall be unlawful for any identified grease waste hauler to clean or pump out grease interceptors within the city's sanitary sewer service area without a current Pinellas County "Grease Waste Hauler Permit" that is currently on file.

(b) *Grease waste hauler requirements.* Grease waste haulers collecting, pumping, or transporting grease interceptor waste from FSEs located within the city's sanitary sewer area shall adhere to the following:

1) All grease interceptors shall be pumped completely empty. Excessive solids shall be scraped from the walls and baffles, and inlet, outlet, and baffle ports shall be cleared. The re-introduction of gray water shall be strictly prohibited.

2) No grease or gray water will be accepted at the city-owned WWCS. The grease waste hauler shall contract with other privately or publicly-owned, permitted facilities to properly dispose of grease and food solids at their own cost.

3) Compliance with all federal, state, and local regulations regarding the pumping of grease interceptors and the transporting and disposal of their contents is required.

(c) *Spill reporting.* Any accident, spill, or other discharge of grease or gray water, which occurs within the city's sanitary sewer service area, shall be reported to the city by the grease waste hauler as soon as possible, but in no case, not longer than 24 hours after the incident. The grease waste hauler shall be solely responsible for clean-up procedures and costs and shall comply with all procedures contained in federal, state, and local regulations.

(d) *Record keeping.* Grease waste haulers shall retain, and make available for inspection and copying, all records related to grease interceptor maintenance and pumping and grease disposal from FSEs located within the City of St. Pete Beach' wastewater collection and transmission service area. These records shall remain available for a period of at least three years. This period may be extended by request of the Control Authority at any time. Failure to provide information to the Control Authority within 14 calendar days of a written request shall be a violation of this article. The Control Authority may require additional record keeping and reporting, as necessary, to ensure compliance with the conditions of this article.

(e) *Vehicle inspection.* Grease waste haulers shall permit city staff, at any time while performing service to grease interceptors located within the city's sanitary sewer service area, to inspect the grease waste hauler's registered vehicles, cleaning procedures, and hauling records identifying final disposal destination.

(f) *Disposal.* Waste removed from each grease interceptor shall be disposed of at a facility permitted to receive and treat such waste. Neither grease nor solid materials removed from a grease interceptor shall be returned to any grease interceptor, privately-owned collection and transmission system, or to any portion of the city's wastewater collection and transmission system or wastewater treatment plant.

Sec. 86-152. CHARGES.

(a) Charges and billing. The charges provided for in this article are utility charges as that term is used in Sec. 86-10 of the Code of Ordinances and are separate and distinct from any and all other utility charges chargeable by the city. Such charges shall be due, payable, collectable, and enforceable as provided in Sec. 86-10 the Code of Ordinances. Charges applicable to this article are as follows:

All FSEs and AREs will be billed $100.00 annually.

Sec. 86-153. ENFORCEMENT, FINES, REMEDIES.

(a) *Code Enforcement Actions.*

(1) Violations of this article shall be enforced as code violations under **Article IX, Chapter 22** of the Code of Ordinances.

(2) The Director, Operations Manager, and Project Mangers of the Public Services Department are designated code inspectors for the purpose of enforcing this article.

(b) *Duties of the Control Authority.*

(1) *Administrative rules.* The director shall establish administrative rules for the enforcement of this article consistent with this article which shall be contained in the Department's Enforcement Response Plan for Commercial User Non-Compliance (ERP). The ERP and any amendments to the ERP shall be approved by resolution of the Board of Commissioners.

(2) *Recommended compliance periods.* The director or their designee shall establish recommended compliance periods by which various types and categories of violations must be corrected.

a. The recommended compliance periods shall be used by code inspectors to calculate the date by which a violation must be corrected. Code inspectors are authorized to deviate from the recommended compliance periods in cases of emergency, where unique conditions and circumstances warrant otherwise, when necessary to protect public health or safety, the environment or the WWCS, or when no recommended compliance period has been established for the violation. In such cases the code inspector shall consider the seriousness of the violation, the immanency of any threat to public health or safety, the environment or the WWCS, and the length of time it would reasonably require to correct the violation in determining the compliance period and establishing a date when the violation must be corrected.

b. The recommended compliance periods shall be used by any person prosecuting a violation of this article before the Special Magistrate in making a recommendation to the board regarding an appropriate period of time to allow a violator to remedy a violation. A person prosecuting a violation of this article before the code enforcement board is authorized to deviate from the recommended compliance periods in cases of emergency, where unique conditions and circumstances warrant otherwise, when necessary to protect public health or safety, the environment or the WWCS, or when no recommended compliance period has been established for the violation. In such cases the person prosecuting a violation of this article shall consider the seriousness of the violation, the immanency of any threat to public health or safety, the environment or the WWCS, and the length of time it would reasonably require to correct the violation in determining the compliance period to recommend to the board.

(3) *Schedule of recommended fines.* The director shall establish a schedule of recommended fines for violations under this article. The schedule of recommended fines shall be contained in the department's ERP, and shall be approved by resolution of the Board of Commissioners. In establishing a schedule of recommended fines, the director shall consider the seriousness of the violation, whether the violation poses a threat to public health or safety, the environment or the WWCS, the immanency of any such threat, and whether the violation is a repeat violation. The schedule of recommended fines shall be used by any person prosecuting a violation of this article in making a recommendation to the code enforcement board regarding the appropriate fine to assess against a violator. A person prosecuting a violation of this article is authorized to deviate from the schedule of recommended fines in cases of emergency, where unique conditions and circumstances warrant otherwise, when necessary to protect public health or safety, the environment or the WWCS, or when no recommended fine has been established for the violation. In such cases the person prosecuting a violation of this article shall consider the factors set forth in this section in determining the fine to recommend.

(c) *Violations.* A notice of violation (NOV) may be issued to an establishment for any one or more of the following reasons:

(1) Failure to properly maintain the grease interceptor, grease trap, or oil/water separator in accordance with the provisions of the CWPD and this article; or

(2) Failure to report significant changes in operation, or wastewater constituents and characteristics; or

(3) Failure to maintain a file of records on-site at all times; or

(4) Failure to maintain a record of pumping activities; or

(5) Failure to provide logs, files, records, or access for inspection or monitoring activities; or

(6) Failure to apply for or renew a CWDP as required by this article in a timely manner; or

(7) Any other failure to comply with the requirements of this article or conditions of a CWDP.

(d) *Notice of violation.* A notice of violation under this article shall:

(1) State the date the violation was discovered,

(2) State the address where the violation occurred,

(3) State a clear description of the violation,

(4) State the specific sections of this article which are being violated,

(5) Describe in clear terms of the actions necessary to correct or contest the violation,

(6) State the date by which the violation must be corrected,

(7) State the name and address of the person issuing the notice, and

(8) Advise the violator of potential fines and penalties which can be imposed if the violation is not corrected and enforcement actions which the department can pursue if the violation is not corrected within the compliance period.

A notice of violation may refer to more than one violation.

(e) *Compliance schedule.*

(1) If a violator requests additional time to correct the violation or otherwise achieve compliance after receipt of a NOV, he or she shall submit a compliance schedule to the code inspector on or before the date for compliance set forth in the NOV. The compliance schedule shall describe what actions the violator proposes to take to achieve compliance and prevent its reoccurrence and the date that these actions will be accomplished. The code inspector shall evaluate the request to determine if it is reasonable. In determining the reasonableness of the request, the code inspector shall consider the seriousness of the violation and, the good faith efforts of the violator to correct the violation.

(2) If the code inspector determines that the request is reasonable, he or she shall issue a written short term compliance schedule to the violator describing the actions required to correct the violation and prevent its reoccurrence and the dates by which such actions shall be accomplished. The code inspector may modify the compliance actions or dates requested by the violator as deemed necessary when issuing a short term compliance schedule. Failure of the violator to comply with the short term compliance schedule shall be deemed a violation of this article.

(3) If the code inspector determines that the request is unreasonable, he or she shall so notify the violator in writing and request a hearing before the Special Magistrate.

(f) *Cease and desist orders.*

(1) When the director or his designate finds that an FSE or an automotive related enterprise is violating the provisions of this article and that such violation poses an imminent and significant threat to public health or safety, the environment or the WWCS, he or she may issue a cease and desist order to the violator directing that the violator immediately cease and desist all such violations and take such other actions as are reasonably necessary to promptly alleviate the threat.

(2) The cease and desist order shall be in writing and describe the violation and the steps necessary to alleviate the violation. The cease and desist order shall be served on the violator by facsimile, hand delivery or certified mail.

(3) Failure of the violator to promptly comply with the cease and desist order shall be grounds for the director to immediately suspend the violator's utility service.

(4) Nothing in this section shall prevent the director or his designate from taking any other action against the violator authorized by this article.

(g) *Emergency suspension of discharge.*

(1) The director or his designate may immediately suspend the right of an FSE or an automotive related enterprise to discharge into the WWCS when necessary to stop an immanent and significant threat to the public health or safety, the environment or the WWCS.

(2) An FSE or an automotive related enterprise notified of an emergency suspension by the director or his designate shall immediately stop or eliminate its contribution to the WWCS. In the event the FSE or automotive related enterprise fails to immediately stop discharging into the WWCS, the director is authorized to take such steps as deemed necessary, including immediate severance of the utility service, to prevent damage or harm to the public health or safety, the environment or the WWCS.

(3) Nothing in this section shall prevent the director or his designate from taking any other action against the violator authorized by this article.

(h) *Permit revocation.*

(1) Any CWDP issued under the provisions of this article is subject to modification, suspension, or revocation in whole or in part during the effective period for cause shown including, but not limited to, any one of the following:

a. Falsification of any information submitted as part of the application for the CWDP; or

b. Failure to comply with any requirement or regulation concerning discharges to the city's WWCS as provided in Sec. 86 of [the] City Code, or any amendments thereto; or

c. Failure to comply with any requirement or regulation contained in this article; or

d. Failure to pay charges required by this article, fines, or any assessed surcharges in a timely manner; or

e. When necessary to protect the public health, safety, or welfare and the integrity of the environment.

(2) In the event the Control Authority determines it is necessary to modify, suspend or revoke in whole or in part a CWDP, the Control Authority shall provide notice and an explanation of its intended action to CWDP holder by personal service or registered mail. Such notice shall advise the CWDP holder that he or she has fourteen days from the date of the notice to file a written appeal of the decision of the Control Authority to the City Manager. The written appeal shall set forth the reason or reasons the CWDP holder contends that the Control Authority's decision is unwarranted or unjustified. As soon as practicable, the City Manager shall schedule a formal hearing with the CWDP holder to provide the CWDP holder an opportunity to be heard on the decision of the Control Authority. Thereafter, the City Manager shall issue a written decision which may affirm, deny or modify the decision of the Control Authority.

(3) A CWDP holder who's CWDP has been revoked or suspended shall not be allowed to discharge wastewater from a regulated process until a new CWDP has been issued. The new CWDP may subject the CWDP holder to additional requirements and inspections as determined by the Control Authority.

(i) *Recovery of damages, costs and expenses.* An FSE, automotive related facility, person or entity shall be liable to the city for any damages, costs or expenses sustained or incurred by the city as the result of a violation of this article. The director shall first seek reimbursement of such damages, costs and expenses from the FSE, automotive related facility, person or entity causing such damages, costs or expenses. If reimbursement is not received within a reasonable time, the director shall request that the city attorney take such measures as deemed appropriate, including the filing of a civil suit, to recover such damages, costs or expenses.

(j) *Remedies nonexclusive.* The remedies provided for in this article are not exclusive. The city may take any, all, or any combination of lawfully permitted actions against a noncompliant establishment, including termination of services. Additionally, the city is authorized to file a civil action, including an action for injunctive relief, in circuit court against a noncompliant establishment.

(k) *Liability for regulatory fines imposed against the city.* If noncompliance by an establishment causes the city's WWCS to exceed the standards of its domestic wastewater operating permit or otherwise causes the city to be liable for fines or penalties imposed by a state or federal regulatory agency, the establishment shall be liable to the city for such costs.

SECTION 2. This Ordinance shall be published in accordance with the requirements of law.

SECTION 3. This Ordinance shall become effective January 1, 2017 upon final passage and adoption.

PASSED ON FIRST READING ________________________, a.d. 2016

PASSED ON SECOND AND FINAL READING _____________, a.d. 2016

____

Deborah Schechner , MAYOR

FIRST READING: ____________
PUBLISHED: ____________
SECOND READING: ____________
PUBLISHED: ____________

I, Rebecca C. Haynes, City Clerk of the City of St. Pete Beach, Florida, do hereby certify that the foregoing Ordinance was duly adopted in accordance with the provisions of applicable law this ________ day of ________, 2016.

____

Rebecca C. Haynes, City Clerk

APPROVED AS TO LEGAL FORM AND CORRECTNESS:

____

City Attorney

Andrew Dickman, Esq.