

CRS Activity 510

Annual Progress Report on Implementation of Credited Plan

Date this Annual Progress Report was prepared: April 22, 2021 (not the credited Hazard Mitigation Plan or Repetitive Loss Area Analysis)

Name of Community: City of North Port

Name of Hazard Mitigation Plan: Sarasota County Unified Local Mitigation Strategy Plan (Jan 2021) with North Port Floodplain Management Plan (Dec 17, 2020)

Date of Adoption of Plan: Resolution 2021-R-05 adopted March 2, 2021

5 Year CRS Expiration Date: March 2, 2026

1. How can a copy of the credited Hazard Mitigation Plan (Floodplain Management Plan) or Repetitive Loss Area Analysis be obtained?

Copy available on the City website under the CRS web page at:

<http://www.cityofnorthport.com/government/city-services/public-works/flood-information/community-rating-system-flood-insurance>

A quick link to the Floodplain Management Plan (FMP) is:

<http://www.cityofnorthport.com/home/showdocument?id=12893>

2. Describe how **this annual progress report** (not the credited Hazard Mitigation Plan or Repetitive Loss Area Analysis) was prepared and how it was submitted to the governing body, released to the media, and made available to the public:

The City of North Port Stormwater Manager prepares the Floodplain Management Plan (FMP) plan and FMP Progress Report. The FMP Progress Report is distributed as follows:

- A hard copy is sent to each of the 5 City Commissioners.
- An email is sent to the media and to the North Port Library to download the report from the City website.
- The original report and FMP Progress Report is made available on the City's website and a hard copy is available from the Stormwater Manager at the City of North Port Department of Public Works.

3. Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year:

Please see Appendix A FMP Progress Report.

4. Discuss why any objectives were not reached or why implementation is behind schedule:

All objectives were reached, and implementation is on schedule.

5. What are the recommendations for new projects or revised recommendations?

Please see recommendations throughout Appendix A FMP Progress Report.

APPENDIX A
FLOODPLAIN MANAGEMENT PLAN (FMP) PROGRESS REPORT
Updated of FMP Section 8 - Action Plan and Review of Current Activities
(Updated April 22, 2021)

8.1 Major Water Control Structures (WCS) Improvements

Responsible Department for Action: Department of Public Works, Engineering Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Surtax

The City's waterway system is designed to accommodate several needs: a source for potable water supply, water quality treatment, and stormwater conveyance and attenuation. The waterways form a grid pattern and are interconnected with each other and with the Myakkahatchee Creek. There are 64 water control structures (WCS) of which 28 are gated.

Age, function and structural integrity conditions vary between WCSs and many are in dire need of rehabilitation or complete replacement. Delays in the rehabilitation/replacement schedule increase the possibility and risk for a potential massive failure of the deteriorated structures especially during a severe storm event. Water control structure failures could trigger other catastrophic mishaps such as downstream flooding and washout of roads and bridges.

All WCSs are inspected annually and prioritized for replacement. The priority is re-evaluated each year as rate of structure deterioration differs over time. A ranking system was developed based on condition of the key components of the structure and the location of the structure. In addition, the potential extent of flooding and population affected should a massive failure occur is also considered in the ranking system. The results of the 2021 inspection of WCS are given in Exhibit 8-1. The WCSs that received major rehabilitation or were replaced are listed on pdf page 7 of Exhibit 8-1. The proposed 5-year Capital Improvement Projects (CIP) budget for WCS replacement is in Exhibit 8-2. Depending on available funding, the annual plan each year is to design the replacement of one structure, while constructing the structure that was designed the previous year. Attachment B also give the 10-year Stormwater Management plan for rehabilitation and maintenance.

8.1.1 Construction of WCS No. 106 Replacement

WCS No. 106 is a gated weir structure on the Cocoplum Waterway just west of North Port Boulevard. The Cocoplum Waterway discharges to the Myakkahatchee Creek. The existing WCS is equipped with six gates, which allows storage of water like a reservoir when in closed position. In anticipation of pending rainstorm events and as the water level rises, the gates are opened as needed to reduce the potential for flooding. The water in the Cocoplum Waterway and the Myakkahatchee Creek serves as a raw water supply for the City's Water Treatment Plant. Thus, the proper functioning of these gates and structure is critical to the City's ability to control water levels, minimize adverse impacts from a storm event, and supplement the City's potable water supply. WCS No. 106 was constructed in 1959. Over time, the concrete supports for the gates and catwalk have severely deteriorated and extensive corrosion has developed in the sheet metal weir, gates and catwalk.

The replacement of WCS No. 106 was completed in August 2020. The new WCS included a coated sheet metal weir with reinforced concrete cap; catwalk; eight automated gates with the capability of manual or remote gate operation via telemetry control; cameras; a lighting system; and riprap for erosion control. Work included dewatering, flow by-passing, and removal and disposal of all demolished material of the existing WCS. The upstream kayak portage was relocated further east on the Cocoplum Waterway to accommodate the construction of the new WCS.

Summary of Accomplishments

Construction of the new replacement weir structure was completed in August 2020 within budget and schedule.

Budget and Schedule for Completion

Activity	Costs	Time of Completion
Consultant for design, permitting and construction engineering services	\$168,000.00	November 2018
Project Construction Completion	\$2,304,436.58	August 11, 2020
Total	\$2,472,436.58	

8.1.2 Design of WCS No. 108 Replacement

WCS No. 108 is located on the Cocoplum canal just west of Collingswood Boulevard in the City of North Port. The structure is equipped with six gates which are operated in the closed position in order to allow storage of water similar to a reservoir. In anticipation of pending rainstorm events and as the water level rises, the gates are opened as needed to reduce flooding and discharge water into downstream segments of Cocoplum waterway which ultimately discharge into the Myakkahatchee Creek. The water in the Cocoplum canal serves as a raw water supply for the City's Water Treatment Plant. Thus, the proper functioning of these gates and structure is critical to the City's ability to control water levels, minimize adverse impacts from a storm event and supplement the City's potable water supply. This structure was constructed in the 1950's. Over time, extensive corrosion has developed in the sheet metal weir piling, concrete supports, gates and catwalk. WCS No. 108 is proposed to be replaced with a new structure.

Summary of Accomplishments

A Consultant was selected for design, permitting and construction engineering services for the WCS No. 108 replacement Structure in fiscal year (FY) 2020-2021. Four of the existing gates will be replaced with manually operated stainless steel pull-up type gates. The two center gates will be replaced with manually operated stainless steel push-down type gates. Approved permits have been received from the Southwest Florida Water Management District (SWFWMD) and the Florida Department of Environmental Protection (FDEP). Consultant is preparing 100% plans and technical specifications.

Budget and Schedule for Completion

Activity	Costs	Time of Completion
Consultant for design, permitting and construction engineering services	\$142,006.12	FY 2020-2021

8.1.3 Construction of WCS No. 108 Replacement

A request for competitive bids will be prepared for the construction of the WCS No. 108 replacement. Construction is anticipated to begin in fiscal year 2021-2022.

Budget and Schedule for Completion

Activity	Estimate Costs	Time of Completion
Project Construction Estimate	\$3,212,220	FY 2022-2023

8.2 Minor Water Control Structure Repairs

Responsible Department for Action: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

During the annual inspection of all WCSs, a list of needed minor repairs (Exhibit 8-1) is compiled to extend the life of the structure until it is completely replaced. Repairs consist of welding new sections or replacement of corroded horizontal and vertical I-beams, tie rods, repair or replacements of gates, gate tracks, catwalk, gear boxes and patching of corroded sections of weir sheet piling. Bank erosion near the structures is also inspected and repaired as needed.

Summary of Accomplishments

All current and historic repairs for each structure are included in Exhibit 8-1. To be more cost efficient, a full time City Welder-Fabricator was hired to join the Public Works team. The welder will prioritize and perform the minor metal related repairs described.

8.3 Retention (R) - Ditches and Major Canal Dredging

Responsible Department for Action: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Surtax

The City has an aggressive program of clearing R-ditches and canals of vegetation and silt deposits. Several segments of R-ditches and canals require annual maintenance dredging due to their location, surrounding development and need to restore flow conveyance capacity.

Summary of Accomplishments

Exhibit 8-3 provides a monthly reporting of length of R-ditches and canals which have been rehabilitated. The silt and vegetation removal effort will continue each year.

8.4 Grid System for Stormwater Conveyance System, Rehabilitation

Responsible Department for Action: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Surtax

Silt debris and vegetation accumulation in roadside swales affect drainage flow. Most of the drainage pipes installed by General Development Corporation (GDC) in the 1970's were corrugated metal pipes which have corroded and deteriorated over time. Over the past several years, Public Works staff has vastly increased the maintenance activities on the roadside drainage system to include swale regrading, pipe replacement and roadside mowing.

A work management system (WMS) has also been implemented to efficiently track drainage issues reported by residents. The public can contact Public Works customer service at (941)240-8050 to report any drainage issues. The information received is then entered in the WMS and the issue is addressed.

With many different components making up the stormwater drainage system, it is difficult to effectively maintain the system by continually operating in a reactionary mode. A proactive approach that better utilizes resources is to rehabilitate an entire neighborhood system of swales, road crossing pipes, outfalls and retention ditches. Neighborhoods are divided into grids as shown in Exhibit 8-4. The prioritization of

grids for rehabilitation is based on the following criteria: known flooding, impact on other infrastructure (roads, waterways, etc.), present condition of system, residential density and impact to community facilities (schools, parks, etc.).

Summary of Accomplishments

Grid 205 rehabilitation was completed in FY 2019. Within the last 12 months Grid 307 and Grid 407 rehabilitation were completed FY 2020. Rehabilitation of the east section of Grid 204 is currently being conducted.

8.5 Drainage Pipe Replacement

Responsible Department for Action: Department of Public Works, Engineering, and Infrastructure and Facilities Operations and Maintenance Divisions

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Surtax

The quality of the City's roads was one of the largest issues facing North Port. Originally paved in the 1960's, many of North Port's neighborhood streets had fallen into severe disrepair. On November 6, 2012, nearly 60 percent of the voters approved a referendum authorizing the City to obtain a \$46 million bond to upgrade 266 miles of substandard roads in the City. The City began this road rehabilitation program in 2014 and completed the project in 2019. As with all roadwork done in the City, road related drainage improvements are included in the rehabilitation of the roadway. Corrugated metal pipe (CMP) was typically used by General Development Corporation in the 1960's for drainage pipes. Over time, many of these CMPs have corroded and the City's road rehabilitation program includes replacing failing drainage pipe with reinforced concrete pipe (RCP). RCP culvert pipes crossings are also installed to replace the "Texas swales" to allow stormwater to cross under the road instead of just sheet flowing over the asphalt and causing deterioration.

Summary of Accomplishments

Exhibit 8-3 includes the monthly reporting of pipes installed. This effort will continue each year.

8.6 Blockage Removal in Stormwater Conveyance

Responsible Department for Action: Public Works Department, Engineering, and Infrastructure and Facilities Operations and Maintenance Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

8.6.1 Aquatic Vegetation Management

It is vital to control excessive growth of nuisance vegetation which impedes flow in the extensive system of R-ditches and canals in the City. A team of licensed and well-trained City staff perform aquatic vegetation control. Spraying herbicides for aquatic vegetation control is conducted only under calm weather conditions. Windy conditions are avoided to prevent over-spraying. Staff closely monitors the effects of spraying. Typically, the lower end of the manufacturer's recommended dose is used. The herbicide is reapplied only if needed. Record keeping of the date and time of spraying, licensed applicator, size of treatment area, type and amount of herbicide used, and application method is carefully documented.

Summary of Accomplishments

Operations has developed a systematic method of controlling the nuisance vegetation by applying herbicides to the young developing plants before maturity. This minimizes the number of mature plants reproducing at a rapid rate. A planned stretch of waterway is sprayed rather than scattered reactive treatment of vegetative blooms. This systematic method has reduced the number of herbicides used.

Exhibit 8-3 includes the monthly reporting of the aquatic vegetation control performed. This maintenance effort will continue each year. Additionally, in 2019, an amphibious machine was acquired to remove vegetation and minimize the use of herbicide.

8.6.2 Myakkahatchee Creek Blockage Removal

Historic extensive flooding is experienced in the areas adjacent to the Myakkahatchee Creek (creek) near I-75. Debris in the creek can cause the following adverse effects:

- Debris blockages can restrict flow and contribute to upstream flooding.
- Debris can be washed down into the City's Water Control Structure No. 101 and can damage the gates and structure. Opening of the gates are critical to flood control and closing of the gates is vital for storage of potable water supply.

During the dry season in 2017 and 2018, Public Works staff conducted detailed inspections of the extent of debris blockages in the creek. In 2017, a 3,615 ft segment of the creek was inspected from Price Boulevard to the creek intersection with Snover Waterway. In 2018, a 5,500 ft segment of the creek was inspected from the intersection with Snover Waterway to Sensation St. Exhibit 8-5 is a map of the creek segments. Severe blockages were found and include:

- Overgrown Brazilian Peppers trees that created an almost impenetrable barrier across the entire creek at multiple locations.
- Several huge fallen trees including root balls, lying in and across the entire creek channel.
- Branches and fallen trees trapping other debris including hot water heater, wooden planks, tires, truck bedliner, etc. These in turn trap and create sand bars which adds to the blockage.

The City had obtained a written approval of Permit Exemption #648689 from Southwest Florida Water Management District (SWFWMD) to remove blockages in the creek with the following conditions:

- All work within the creek shall be performed by manual labor utilizing chainsaws and other hand-held tools.
- Invasive Brazilian Pepper trees within or directly adjacent to the creek shall be cut no less than 12 inches above natural grade. Stumps shall remain in place to minimize erosion.
- All cutting and debris shall be removed from the creek with the assistance of machinery which must be located on uplands adjacent to the creek.
- The City of North Port shall implement effective erosion, sediment and turbidity control measures within the proposed work zones where applicable.

Summary of Accomplishments

Operations staff cleared all creek blockages in the inspected sections during the 2017 and 2018 dry seasons, while adhering to the conditions of the SWFWMD approval. The success of creek blockage removal projects was evident in the subsequent rainy seasons by evaluating the data from the upstream United States Geological Society (USGS) water level gage that is located on the creek at the Tropicaire Boulevard bridge, upstream of the creek blockage removal projects. The positive results are as follows:

- Before the 2017 and 2018 creek blockage removal projects, one inch of rainfall resulted in a 0.75ft rise in creek level. After the 2017 and 2018 creek blockage removal projects, one inch of rainfall resulted in a 0.4ft rise in creek level. This is a 47% improvement.
- Before the 2017 and 2018 creek blockage removal projects, a USGS gage water level reading of 21.35ft resulted in street flooding in areas near the Myakkahatchee Creek north of Kumquat Ave to just south of Tropicaire Blvd. After the 2017 and 2018 creek blockage removal projects, there was no street flooding in the areas indicated above during the 2018 rainy season with USGS gage readings of over 21.35ft. Even during an unusually large rainstorm event in December 2018, when the USGS gage water level reading was 22.15ft, there was still no street flooding in the areas indicated above. Exhibit 8-5 includes a graph of the USGS gage readings for rain events after the 2018 creek clearing.

Based on the success of the 2017 and 2018 creek blockage removal projects, the City continued inspecting the creek for blockage in 2019 and 2020 and found several more blockages in the creek. These locations are shown in pdf page 2 of Exhibit 8-5. In preparation to clear these and future blockages, the following activities will include:

- A Cultural Resources Assessment Survey (CRAS) dated August 1, 2019, was conducted for the City of North Port, on a 4.92-mile corridor including the Myakkahatchee Creek and extending 50 ft from the top of the creek banks on the east and west sides. The project corridor extends northward from Price Boulevard to the northern City boundary. The CRAS concluded that the City's ongoing maintenance efforts along the creek should have no adverse effects on sites eligible for the National Register of Historic Places and recommends no additional archaeological investigation within the project area.
- Access paths for maintenance vehicles and machinery access will be delineated from the nearest roadway to minimize the amount of land disturbance.
- A wetland and wildlife survey will be conducted along these access paths.
- Approvals will be obtained from Southwest Florida Water Management District (SWFWMD) for clearing these access path(s).

8.7 FEMA Flood Map Updates

Responsible Department for Action: Department of Public Works, Engineering Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

8.7.1 Effective FEMA Flood Insurance Rate Maps Dated November 4, 2016

The FEMA flood insurance rate maps (FIRMs) with an effective date of November 4, 2016, have been in use since the City Commission approved Ordinance 2016-21 on September 13, 2016 to adopt the FIRMs. These maps can be viewed on the City Web page at <http://www.cityofnorthport.com/flood>.

8.7.2 Preliminary FEMA Coastal Flood Risk FIRMS Dated December 31, 2019

In February 2014, FEMA started a new Coastal Risk Mapping, Assessment and Planning (Risk Map) effort to identify, assess, and update coastal flood hazard Risk Maps that incorporate storm surge, high tides, wave action in addition to freshwater inputs.

On December 31, 2019, FEMA released preliminary Coastal Risk Maps for Sarasota County which included the City of North Port. The maps can be viewed through the City interactive map application at <https://www.cityofnorthport.com/government/city-services/public-works/flood-information/fema-flood-map-updates>. These maps show major portions of North Port developments that were removed from the high-risk AE zone in the November 4, 2016, effective FIRMs, will again be in a high-risk flood zone AE if the maps become effective. In some areas, the base flood elevations increased from 7ft NAVD88 to as much as 9ft NAVD88. Exhibit 8-6 gives a tabulation of the number of parcels added ("1% increase") to the SFHA and number of parcels taken out ("1% decrease") of the SFHA for North Port and other municipalities within Sarasota County. In North Port, there are 3,601 affected parcels in which all or a portion of the parcel is impacted by the SFHA. Fifty (50) North Port parcels are removed from the SFHA. Following are general description of the North Port areas that are affected by the SFHA in these preliminary maps:

Areas West of Myakka River

- Portions of Gran Paradiso, The Preserve, Renaissance, Oasis, Lake Geraldine
- Village D, E and G in West Villages

Areas East of Myakka River

- Talon Bay
- Duck Key

- Residential and Commercial area South of US41
- Couple streets in Dorothy Avenue area

Summary of Accomplishments

Public outreach conducted by the City of North Port, Sarasota County and FEMA included three public open house events in early March 2020. The City has reviewed the preliminary Coastal Risk Maps and has sent FEMA a letter on September 15, 2020, with an extensive list of comments (Exhibit 8-7). Due to the 2020 Covid-19 pandemic, FEMA has delayed the 90-day period for Public comments and appeals to start on March 3, 2021, and end on June 1, 2021.

Since the release of the December 31, 2019, preliminary Coastal Flood Risk FIRMs the City Stormwater Manager and Neighborhood Development Services Department staff have responded to multiple requests for flood information. Many public comments have been received related to the FEMA's use of 2007 outdated LiDAR topographic data used to prepare the Preliminary FIRMS dated December 31, 2019. Many houses were built after 2007 and are elevated on fill but are shown as being inundated in the new flood zone AE. The City is working with FEMA for a resolution.

8.8 Big Slough Flood Reduction Study

Responsible Department for Action: Department of Public Works, Engineering Division

Schedule for Completion of Action: Completed December 31, 2019

Funding Source: Road and Drainage District, Surtax and Southwest Florida Water Management District (SWFWMD) Cooperative Funding Initiative Grant

In October 2016, the City received a SWFWMD Cooperative Funding of up to \$125,000 of the \$300,000 budgeted for a flood reduction study. A Consultant was retained to evaluate alternatives to accomplish the following:

1. Reduce historic flooding in the following two localized areas in the City:
 - Area near the Myakkahatchee Creek just north and south of interstate I-75.
 - Area near Dorothy Avenue west of Biscayne Drive and north of US 41.
2. Complete a regional stormwater study to reduce the extensive floodplain that is delineated in the new FEMA FIRMs.

Existing site conditions were evaluated, and the Big Slough Watershed model used to model flood reduction projects also known as Best Management Practices (BMPs). A BMP implementation plan was developed with prioritized recommendations and probable costs for implementation of selected BMPs. The Consultant's recommended flood reduction plan had the following phased BMP components:

- Widen and deepen the existing retention ditch/conveyance system and upsizing road crossing culverts in the Dorothy Avenue area.
- Construction of a new bypass canal parallel to the Myakkahatchee Creek within a portion of the City's Tier I lots that are located north of Price Boulevard.
- Increasing the conveyance capacity through widening and upsizing pipe culverts in the R-36 retention ditch/conveyance system that runs along the northern and western boundaries of the City.
- Inflow Reduction Option - Restriction/reduction of high flow into Myakkahatchee Creek near the north City Boundary by constructing inflow reduction devices north of the City boundary. This will cause additional storage of stormwater on the Carlton Tract which is jointly owned by SWFWMD and Sarasota County.

The draft Report, conceptual drawings and checklist were received in February 2019. A City Commission Workshop was held on March 4, 2019, to review the Study recommendations. City Commission consensus was received to submit the Consultant's recommended plan for SWFWMD Conceptual Environmental

Resource Permit application with minor changes. Consensus was also received on the following staff recommendations:

- Continue Debris/Vegetation Blockage Removal Project.
- Evaluate localized drainage improvements in the Dorothy Avenue area upstream of the retention ditches.
- Do not proceed with researching grant fund to acquire flooded properties, but to schedule a future workshop with Commission on recommended flooded property acquisition.
- Continue reaching out to the SWFWMD and Sarasota County on viability of the Inflow Reduction Option.

Summary of Accomplishments

Final Flood Reduction Study Reports

The Consultant's recommended May 2019 flood reduction plan is provided in Attachment D. In an email on October 28, 2019, the SWFWMD Bureau Chief Environmental Resource Permit Bureau, Regulation Division indicated that SWFWMD *"does not support installation of improvements and/or resultant changes in hydrology on District property"*. In an email on November 14, 2019, the Interim Senior Manager of Sarasota County's Stormwater Environmental Utility, indicated the additional storage of stormwater on the Carlton Tract is *"inconsistent with the objective of the purchase and preservation"* of the land. As the inflow reduction option is no longer viable, the Consultant prepared an update to the plan in November 2019 to remove the inflow reduction option (Exhibit 8-8). The key elements of the final recommendation are:

- Improvements to the existing retention ditch/conveyance system and upsizing road crossing culverts in the Dorothy Avenue area.
- Construction of a new bypass canal parallel to the Myakkahatchee Creek within a portion of the City's Tier 1 lots from south of Tropicaire Boulevard to north of Price Boulevard.
- Increasing conveyance capacity through canal widening and upsizing pipe culverts in the R-36 retention ditch/conveyance system along the northern and western boundary of the city.

Flooded Property Acquisition

A workshop was held on December 2, 2019, to present the recommended parcels for acquisition which are at least 50% or more inundated by a 10-year storm and parcels along flooded streets and the cost of the acquisition. Exhibit 8-9 is a presentation to City Commission. The City Commission requested an estimate of the revenue that will be lost if these properties are acquired by the City. The financial impact of removal of parcels from the tax roll is provided in a subsequent memo on September 4, 2020, to the City Commission (Exhibit 8-10).

SWFWMD Conceptual Environmental Resource Permit

As a result of the decisions by SWFWMD and Sarasota County, the inflow reduction option was removed from the application to SWFWMD for a Conceptual Environmental Resource Permit. The SWFWMD Conceptual Environmental Resource Permit No. 49044123.000 was approved on December 27, 2019, and includes the following future conceptual drainage system improvements:

1. Future widening and dredging of existing retention ditch R36 (approximately 43,000 LF) with bottom widths ranging from 30 to 66 ft.
2. Future modification of existing Water Control Structure 162 including the addition of operable gates. Water Control Structure 162 is located within existing Channel R36 just north of Tropicaire Boulevard.
3. Addition of future dual 48" diameter culverts at the existing Channel R36 crossing of Interstate I-75.
4. Replacement/upsizing of the existing culverts with future quadruple 60" culverts at the existing Channel R36 crossing of Tropicaire Boulevard.
5. Future widening and dredging of existing Channel R70 (approximately 2,800 ft) with bottom widths ranging from 10 to 20 ft.

6. Future widening and dredging of existing Channel R69 (approximately 2,500 ft) with bottom widths ranging from 10 to 20 ft.
7. Replacement/upsizing of the existing culverts with future triple 6'x4' box culverts at the existing Channels R69 and R70 crossings of Trionfo Avenue, Porto Bello Avenue, Herbison Avenue, Eager Street, Allen Road, and South Biscayne Drive.
8. Future removal of the existing Channel R69 weir structure (located at the downstream end of existing Channel R69).
9. Future creation of four (4) proposed trapezoidal bypass channels (approximately 13,500 LF in total length with bottoms approximately 50 ft wide) located parallel to Myakkahatchee Creek. The upstream and downstream ends of each of the four (4) future Bypass Channels will connect to Myakkahatchee Creek via broad-crested weirs at elevations approximately 2 ft above the Myakkahatchee Creek bottom.

8.9 Review and Implementation of Stormwater Regulations

Responsible Department for Action: Department of Public Works, Engineering Division, in cooperation with Planning Division of the Neighborhood Development Services (NDS) Department

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

All major site developments in North Port, whether on private or City property, must go through a pre-application meeting in the City's Site Development Review (SDR) process. Key City staff members from all relevant departments provide site specific input, so the development meets the City's Unified Land Development Code (ULDC) requirements in the formal submittal. During the mandatory SDR pre-application process, the City Stormwater Manager reiterates the stormwater treatment, attenuation, and floodplain mitigation requirements in the City's ULDC. A stormwater checklist is available on the City website to assist the developer's consultant with a complete submittal that meets all stormwater treatment, attenuation, and floodplain analysis and compensation requirements. Specific attention is paid in the review to check that new developments do not adversely affect or cause flooding onto adjacent properties. The Stormwater Manager also coordinates all stormwater construction issues and inspect the project site to confirm compliance with City stormwater regulations.

ULDC Chapter 17 Flood Damage Prevention Regulations

Responsible Department for Action: Department of Public Works, Stormwater Manager, NDS Building Official

Schedule for Completion of Action: Complete

The City's ULDC Chapter 17 provides flood damage prevention regulations. The Florida Building Code (FBC), effective on March 2012, incorporates the flood provisions from the model International Code Series. Therefore, changes to floodplain management regulations were implemented to properly coordinate with the FBC and meet requirements of the National Flood Insurance Program (NFIP).

The City revised ULDC Chapter 17 flood damage prevention regulations using the State Model Floodplain Management Ordinance and obtained approval from the Florida Division of Emergency Management Contractor. The revised ULDC Chapter 17 flood damage prevention regulations were adopted by the City of North Port Commission on May 10, 2016.

Summary of Accomplishments

In the development review process, the City continues to implement the ULDC Chapter 17 Flood Damage Prevention Regulations.

ULDC Chapter 18 Stormwater Regulations and Chapter 49 Wetlands Protection Regulations

Responsible Department for Action: Department of Public Works, Stormwater Manager
Schedule for Completion of Action: Ongoing
Funding Source: Road and Drainage District

On June 14, 2010, the City of North Port adopted a complete revision of the ULDC which included consolidating all stormwater regulations into one new Chapter 18. Chapter 49 Wetlands Protection Regulations were also revised to meet State regulations. In 2011, all City departments reviewed the ULDC code that was adopted on June 14, 2010, and proposed needed revisions. On January 30, 2012, ULDC Chapter 18 – Stormwater Regulations, Section 18-10 (C)(2) was amended to require the proposed length and material of the pipe to be submitted with the permit application. ULDC Chapter 33 – Minor and Major Site Development Regulations, Sections 33-6 and 33-8 were amended to provide additional requirements for survey, site and drainage design, driveway culverts and swale piping requirements. As the City's stormwater swales/ditch/canals/creek system serves not only as a stormwater conveyance system, stormwater also is the main raw water supply for the City's Water Treatment Plant, thus the need for greater water quality treatment and protection. The ULDC Chapter 18 – Stormwater Regulations was revised in June 2010 to incorporate additional water quality improvement requirements. These requirements exceed, or are in addition, to those required by SWFMWD.

Summary of Accomplishments

In late 2019 and early 2020, a draft list of proposed stormwater and environmental regulations changes to the ULDC were submitted. The changes included clarifications of regulations, need to evaluate and use of Low Impact Development methods, improvement to design of stormwater treatment and attenuation, conveyance system to improve water quality, reduce flooding, reduce erosion and added protections for the environmental and protected wildlife species.

8.10 Incorporation of Low Impact Development (LID) Design in Developments

Responsible Department for Action: Department of Public Works, Engineering Division
Schedule for Completion of Action: Ongoing
Funding Source: Road and Drainage District

In the SDR review process, developers are encouraged to implement LID design to the maximum extent practicable such as minimization of impervious areas, use of pervious pavement, green roofs, rain cisterns, reuse of stormwater for irrigation, direct runoff to bioretention/biotreatment vegetated swale areas prior to discharge stormwater pond, Florida friendly native landscaping, and other surface water quality improvement controls and devices.

Summary of Accomplishments

Exhibit 8-11 provides a detailed list of LIDs implemented to date to reduce stormwater impact from new development for both City projects and Developer projects.

8.11 Grant Funding of Projects

Responsible Department for Action: Department of Public Works, Engineering Division and City Manager's Office
Schedule for Completion of Action: Ongoing
Funding Source: Road and Drainage District

The City has pursued several sources of grant funding such as the Community Budget Issue Requests (CBIRS) grant and has received a total grant allocation of \$1,600,000. SWFWMD and the City have cooperatively funded the construction of the new replacement WCS No. 101 located on the Myakkahatchee Creek near the Water Treatment Plant. The City has received reimbursements from SWFWMD for \$658,630.75 of the \$1,317,261.50 spent on the replacement structure.

The City's Public Works Department shall continue to apply for grant funding from agencies such as SWFWMD, Federal Emergency Management Agency, Environmental Protection Agency, Florida Department of Environmental Protection Agency, and CBIRS to offset the cost of the flood reduction projects to the City and its residents.

Summary of Accomplishments

- SWFMWD awarded the City a cooperative grant funding up to \$125,000 of the \$300,000 budgeted for the afore mentioned Big Slough Flood Reduction Study. As of December 2019, the study has been completed and the City received the maximum grant reimbursements totaling \$125,000.
- A request for FEMA Hazard Mitigation Grant Program (HMGP) funding for the design and construction of the replacement of WCS No. 113 has been submitted for \$3,118,500 in March 2020. A similar application of funding for this project has also been submitted for a Community Development Block Grant in August 2020. Status and timeline of grant award from these two sources is unknown as of this writing.

8.12 Property Acquisition in the SFHA and Open Space Areas

Responsible Department for Action: City Manager's Office and Parks and Recreation Department

Schedule for Completion of Action: Ongoing

Funding Source: General Fund

Over the last sixteen years, the City has applied for and received grant funding and with supplemental City funding, has acquired a significant portion of the lands immediately adjacent to the Myakkahatchee Creek from Price Boulevard north to the City limits. The Tier I lots are the strip of lots immediately adjacent to both sides of the creek and the Tier II are the next nearest strip of lots. Most of these properties are in the 100-year floodplain.

Summary of Accomplishments

Exhibit 8-12 provides a map of the Tier I and Tier II properties acquired. The City is currently continuing this effort of land acquisition.

8.13 Public Outreach Meetings and Open Houses

Responsible Department for Action: Department of Public Works, Engineering Division and Neighborhood Development Services Department

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

Extensive public outreach has been conducted in response to FEMA's December 31, 2019, release of the preliminary Coastal Flood Risk FIRMs for Sarasota County which included the City of North Port.

Summary of Accomplishments

FEMA, in coordination with the City of North Port and Sarasota County staff, conducted three public outreach open houses on the preliminary Coastal Flood Risk FIRMs. These meetings occurred on March 4-5, 2020, in Sarasota, Venice and North Port. FEMA will designate a 90-day public comment and appeal period after publishing a notice in two local newspapers and a notice in the Federal Register. The start of this 90-day period has not been established as of this writing.

In addition to the three FEMA public outreach open houses, the City of North Port had planned the following three additional City of North Port Public Open Houses:

- Morgan Family Center – March 26, 2020 5pm to 8pm

- Talon Bay HOA meeting – March 18, 2020 4pm to 6pm (only for Talon Bay Residents)
 - Gran Paradiso HOA meeting – March 19, 2020 5pm to 8pm (only for Gran Paradiso Residents)
- The additional three public outreach open houses scheduled by the City of North Port to be held in March 2020 had to be cancelled due to the Covid-19 pandemic.

Following are other forms of public outreach implemented by the City of North Port on the preliminary Coastal Flood Risk FIRMs:

- Posted City News Releases.
- Updated City web page “FEMA Map Updates” at <https://www.cityofnorthport.com/government/city-services/public-works/flood-information/fema-flood-map-updates>.
- Created a user friendly, searchable interactive online [City Flood web application](#) with a link from the FEMA Map Updates web page.
- Created of a user friendly, searchable [side by side comparison](#) of the new preliminary FEMA Dec 31st, 2019, flood maps with the current FEMA Nov 4, 2016, flood map, with a link from the FEMA Map Updates web page.
- Sent mailer invitations in February 2020 to affected properties to attend public open houses.
- Sent Facebook and Twitter notices of the Public Open House events.
- Established a new telephone hotline (941-429-1052) to handle resident’s inquiries.
- Communicated information with the Homeowners Associations (HOA) representatives at the City’s HOA meeting.
- Gave presentation at a local Peace River Engineering Society meeting.
- Sent email correspondence with the design Engineering Consultants, developers and HOA representatives.
- Sent mailers in March 2021 notifying affected properties about the 90-day Public Appeal and Comment period.

8.14 Presentations at Seminars and Workshops

Responsible Department for Action: Department of Public Works, Engineering Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

Department of Public Works staff spoke at many seminars and workshops on topics that included flood map updates and flood prevention, stormwater issues, environmental protection, green development, fertilizer use, and pollution prevention. Annually, the Fire Rescue Emergency Manager also conducts multiple public outreach activities on Hurricane preparedness with Homeowners’ Associations and civic groups. A list of these activities is included in Exhibit 8-13, Items highlighted in yellow are directly related to flood protection.

8.15 Brochure Handouts at Community Events

Responsible Department for Action: Department of Public Works, Engineering and Administration Divisions

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

City staff volunteers at many community events and host booths with displays of the City’s stormwater system, flood maps and offers an array of free brochures and education material. The City’s 10 CRS Topics flyer on Flood Information produced in-house by the City staff is distributed at these public events and at the afore mentioned seminars and workshops. This brochure is also available in kiosks at the three floors on City Hall and at the Department of Public Works building. Examples of community events are included in Exhibit 8-13.

8.16 Newsletters/New Releases, Television and Social Media Public Outreach

Responsible Department for Action: Department of Public Works, Engineering and Administration Divisions

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

Flood Information is disseminated through various forms of news media and social media. Exhibit 8-14 provides a listing and range of distribution. Items directly related to flood protection and includes:

- North RePort Newsletter mailed to every home in North Port
- Facebook and Twitter message releases
- North Port Sun and Herald Tribune Newspapers articles
- City Website News Releases
- Flood Awareness Week Social Media Postings
- Utility bill message
- YouTube Videos

8.17 City Website

Responsible Department for Action: Department of Public Works, Engineering and Administration Divisions

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

The City of North Port posts the most current information concerning stormwater and flooding potential on the City's website. The City has added a Flood Information page that provides information on FEMA flood map Updates, flood warning, CRS program and available flood elevation certificates at <http://www.cityofnorthport.com/flood>.

The City provides a link to a searchable user-friendly web application to view flood zones and obtain base flood elevations on the new FEMA FIRMs through the City's FEMA Flood Map Updates webpage at <https://www.cityofnorthport.com/government/city-services/public-works/flood-information/fema-flood-map-updates>.

Elevation Certificates are also available on the City webpage at:

<http://www.cityofnorthport.com/government/city-services/public-works/flood-information/elevation-certificates-3188>

The City's Emergency Management webpage "Hazards We Face" provides useful information on storm preparation and dealing with hazards:

<http://www.cityofnorthport.com/government/city-services/fire-rescue/emergency-management/hazards-we-face>

Links are provided to related websites such as National Flood Insurance Program, Floodsmart, Florida Disaster, Sarasota County Library Catalog on Flood information, Sarasota CRS webpage and FEMA site on FIRM maps.

8.18 FIRMs Available to The Public

Responsible Department for Action: Department of Public Works, Engineering Division and Neighborhood Development Services Department

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District

The November 4, 2016, FEMA FIRMS panels are available on the FEMA website, but these map panels are pdf files and do not include property lines, and the underlying aerial is from early 2007. Homes built after the aerial date are not visible. The pdfs of the new preliminary FIRMS panels are available on the FEMA website at: <https://hazards.fema.gov/femaportal/prelimdownload/>.

The City has subsequently released a user-friendly web map application that allows searching the new FIRMS by Address, Parcel Identification Number, or Name. The map is also overlaid on the 2018 aerial to allow easy location of houses. Flood zones, property lines and base flood elevations are easily visible on this web application which can be accessed from the City's FEMA Flood Map Updates webpage at: <https://www.cityofnorthport.com/government/city-services/public-works/flood-information/fema-flood-map-updates>.

Anyone who desires a written determination of the existing and proposed flood zones, can submit a Flood Information Request form to the City's Stormwater Manager. The request form can be downloaded from the City's website at:

<https://www.cityofnorthport.com/home/showdocument?id=15195>

Annually, the City mails letters offering flood protection and mapping information services to Insurance Companies, Realtors, Financial Institutions, and Abstract and Title companies that are registered with the City of North Port. The letter is also mailed to the President of North Port Realtors Board and to President of the North Port Chamber of Commerce.

8.19 Flood Warning, Response and Evacuation

Responsible Department for Action: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division and Fire Rescue Department

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Fire and Rescue District

The City has funded two United States Geological Survey (USGS) gages, in the Myakkahatchee Creek, one at Tropicair Boulevard and the other at WCS 101 located further south near the City's Water Treatment Plant. These USGS gages monitor the water level in the Creek, precipitation and provide real time data. The City has correlated the levels in the Creek at the Tropicair gage with known areas of flooding. This information, together with a link to the USGS gage, is available on the City website at: <https://www.cityofnorthport.com/government/city-services/public-works/flood-information/flood-warning>.

The Emergency Manager and Public Works Operations staff monitors weather conditions and the Myakkahatchee Creek USGS gages during rain events. Public Works Operations staff will raise/lower gates at WCS to move, retain, or redirect water flow to avoid flooding. Once water levels have reached an action stage, warnings are provided to the public through door-to-door contact, advisories through the City web site, advisories through local and cable broadcast media, and/or National Oceanic and Atmospheric Administration weather alert radios. If the situation is severe, the City has the ability to release a geographically targeted telephonic and text message to affected individuals through the new Mass Notification software system provided through the Florida Department of Emergency Management. The alert is known as "Alert Sarasota County" and will utilize geo-fencing technology to distribute flooding, flash flooding, and evacuation notices to residents. In 2019, the City of North Port was fortunate not to experience a storm event that required Alert Sarasota County Community Emergency Notification System.

The City of North Port has worked with the Peace River/Manasota Regional Water Supply Authority (PRMRWSA) in the development of the Emergency Action Plan (EAP) for the new Peace River Reservoir #2.

Computer modeling has shown that failure of the reservoir embankment can affect the City of North Port, particularly in the eastern areas of the City. The City has participated in the Statewide Hurricane exercise in a tabletop exercise on August 27, 2019, as part of a simulation of a breach at the PRMRWSA reservoir. Notification was received from PRMRWSA and maps were reviewed to determine impacts to City. The updated January 2020 EAP is available from the Emergency Manager.

The City was recognized on July 28, 2014, by the National Weather Service as the third municipality in the State of Florida to achieve the designation of Storm Ready. This designation is reserved for locations which go above and beyond to protect their citizens from the impacts of hazardous weather. This program helps citizens feel safer knowing that our Emergency Management and the National Weather Service are working together through enhanced planning, education, and awareness programs. The Storm Ready designation that was renewed on November 18, 2019, is valid until July 8, 2023 (Exhibit 8-15).

In 2019 the City of North Port has become a Weather-Ready Nation (WRN) Ambassador. The WRN Ambassador initiative is the National Oceanic and Atmospheric Administration's (NOAA) effort to formally recognize NOAA partners who are improving the nation's readiness, responsiveness, and overall resilience against extreme weather, water, and climate events. As a WRN Ambassador, partners commit to working with NOAA and other Ambassadors to strengthen national resilience against extreme weather. In effect, the WRN Ambassador initiative helps unify the efforts across government, non-profits, academia, and private industry toward making the nation more ready, responsive, and resilient against extreme environmental hazards. The hyperlink to the WRN Ambassador initiative site can be assessed from the North Port Fire Rescue web page <https://www.cityofnorthport.com/government/city-services/fire-rescue> This program is accessible to the public and helps to warn and educate residents on developing flood conditions and hazards.

The City of North Port Emergency Management Division of the Fire Rescue Department had installed four-inch reflective vinyl collars (traffic-grade reflective yellow tape with zone labels) on street-sign posts to mark hurricane evacuation zones A and B. The zones represent a storm surge threat to a neighborhood. The "A" zone (including manufactured housing communities) is at most risk and will be advised to evacuate first, while zones marked by other letters (B through E) are less likely to see floodwaters from the Gulf of Mexico or the Myakka River.

8.20 Participant in Sarasota County PPI Program

Responsible Department for Action: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division and Fire Rescue Department

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Fire and Rescue District

The City adopted Resolution 2019-R-06 on July 23, 2019, (Exhibit 8-16) to join the Sarasota County Program for Public Information (PPI) Committee formed under the Sarasota County's CRS program. The PPI is a FEMA planning tool to effectively coordinate public outreach. The PPI Committee is comprised of a cross-section of employees and community stakeholder members from Sarasota County Government, the City of Sarasota, the City of Venice, the City of North Port, the Town of Longboat Key, the Sarasota Bay Estuary Program, Mote Marine, and local business representatives such as Realtors, Insurance Agents, and Mortgage Lenders. The PPI is also open for participation by all interested parties including private citizens, and is chaired by the Sarasota County Stormwater Department Director or designee.

The City's Stormwater Manager is the City's coordinator on the PPI committee and the North Port stakeholders on the committee include the City Senior Planner, Insurance agents, surveyor and volunteer from the North Port Canal Watch Group and previous Environmental Advisory Board member.

2021-03-24 Water Control Structures Inspection

Metal, Gates, Pipes and Risers: 1 = No Corrosion, 2 = Surface Rust, 3 = Some Rot, 4 = Major Corrosion Overall: 1 = Good, 2 = Fair, 3 = Poor, 4 = Bac

Concrete: 1 = Good, 2 = Few chips/cracks, 3 = Some Spalling, 4 = Major Chips/Cracks Deterioration Bank Condition: 1 = Good, 2 = Fair, 3 = Poor, 4 = Bac

Structure Location: Replaced or Rehabilitated = 0, Structure located in undeveloped areas (1), east of Toledo Blade (2), west of Toledo Blade (3), developed areas Snover & Cocoplum (4)

Structure #	Waterway	Date	Metal			Gates				Pipes	Risers	Concrete		Bank Condition	Overall	Structure Location	Replacement Priority Score	Other Observations	Previous Repairs Completed
			Sheet Piling	I-Beams	Cat walk	# of Gates	Gate	Hardware	Operational (yes, no, list#)			Columns	Cap						
WCS 108	Cocoplum	3/8/21	4	3	1	6	2	2	No			4		2.5	4	4	14	Holes in sheet pile, concrete pillars bad shape, gates do not open all of the way. Entire structure will be replaced. Design and permitting of new structure will be complete in FY 2021. Construction anticipated to be completed in FY 2022.	4/2011 - Replaced 3 Gates Nos.1, 2 and 5 9/7/12 - Replace corroded horizontal I-beams and corroded sections of vertical I-beams, and repair holes in sheet metal pile. 12/17/15 - Replaced 3 more Gates (including the existing electric gate). Use an existing actuator (from the old WCS 101). Needed two new left hand threaded rods, fabricate 3 new gates #3, 4, and 6 and tracks, minor concrete and sheet pile repair. 1/30/19 PO #047665 - Fixed catwalk gate rusted through in one location.
WCS 113	Snover	3/9/21	3	2	2	4	2	2	Yes			4		2.5	3	4	12	Hole in sheet pile by I beam on walkway, top of sheet pile is rotted out, rebar is showing in concrete pillar 3. Entire structure will be replaced. Design and permitting of new structure will begin in FY 2021.	7/28/14 - Repaired erosion below existing concrete slab on the northwest side of WCS No. 113 by injecting flowable fill (cementitious grout) to fill all voids
WCS 114	Snover	3/8/21	2	2	2	4	2	2	Yes			4		2	3	4	10.5	Holes in catwalk I beam, concrete columns chipped.	5/12 - Replaced all 4 gates with new steel gates epoxy coated, replace all gate supports, gate slide frameworks, both horizontal I-beams and replaced corroded section of vertical I-beams, rebuilt corroded sections of all 4 lift rods 9/30/15 - Troubleshoot why gates nos. 1 and 2 not opening easily, replace corroded or bent sections of lift rods as needed; if needed, remove and replace 1 gear box with existing gear box at the public works facility; remove corroded first 14 feet long sections of two-strand horizontal and vertical catwalk railing(both sides of railing) and weld on new galvanized steel two-strand horizontal and vertical railing and paint. 12/2016 - Repaired damage to gate, tracks and gear 1/30/19 Fixed PO #047665 - Fixed hole in S. side sheet piling. Repaired Gate #2 as it does not close all the way down, need to physically hammer gate down
CRE 5.09		3/16/21	None							1		1	1	1	4	2	8	2 box Culverts with deteriorated weir connecting Cocoplum with Charlotte County Crestville Waterway. No work done.	Was weir replacement done? Not fixed.
FW 157	Snover	3/4/21	4	4								4	4	4	4	2	8	Needs to be dug out and replaced.	
FW 158	Snover	3/11/21	1	1								1.5	2	4	2	8	Washout at concrete high side, concrete separated from sheet pile, right of structure washing out underneath.		
WCS 121	MacCaughey	3/9/21	2	4	2	4	3	3	1&4 Yes 2&3 No			3	3	1	2.5	3	7.5	I beams rotted out on low side, concrete slab is chipped, support bars rotted at water level.	

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Structure #	Waterway	Date	Metal			Gates				Pipes	Risers	Concrete		Bank Condition	Overall	Structure Location	Replacement Priority Score	Other Observations	Previous Repairs Completed
			Sheet Piling	I-Beams	Cat walk	# of Gates	Gate	Hardware	Operational (yes, no, list#)			Columns	Cap						
WCS 128	Creighton	3/9/21	2.5	1.5	1	2	3	2	Gate 1 No Gate 2 yes			2		2	2.5	3	7.5	Hole in gate 1, top gate rotted out, tracks need to be replaced, chips in concrete, hole in sheet pile by support bar.	9/14/12 - Replace corroded horizontal cap and corroded sections of vertical I-beams
FW 155	Snover	3/18/21	2	4								2		2	3	2	6	Cracks in concrete, concrete slab broken, I beam rusted and rotted, needs to be cleared of vegetation	
FW 159	Snover	3/11/21	1	2								2		2	3	2	6	Washout under cap, concreted separated from sheet pile. Both are going to need to be replaced due to the washing out underneath	
FW 160	Snover	3/11/21	2	1								4		2	3	2	6	Concrete separated from sheet pile, cement cracked. Washing out on top front of concrete.	
WCS 110	Cocoplum	3/8/21	3	3	1	6	2.5	2.5	Yes			1.5		2	3	2	6	I beam rotten at boom of beam. Hole in sheet pile.	1/30/19 PO #047665 Fixed top bars in gate frames very corroded, one hole behind I-beam
WCS 117	Blueridge	3/9/21	2	3	2	2	2	2	Yes			2		1	2	3	6	Missing 2 nuts on Gate 1 track. I beam starting to rust.	
WCS 118	Blueridge	3/8/21	2	4	2	2	2	2	Yes			2		1	2	3	6	Both I beams rotted out, gate 1 needs door and track.	9/12/13 - Replace corroded sections of horizontal and vertical railing 6/4/18 - Replaced I Beam, inspect gear box, clean rod, maintain tracks, maintain gate 1/30/19 PO #047588 - Replaced both horizontal I-beam webs that had holes. Repaired tracks for Gate #2 as it does not close all the way down. Maintained gear box and rod.
WCS 124	Lagoon	3/9/21	2.5	2	3	4	2	2.5	1 No 2,3,4 Yes			3		1	2	3	6	Walkway I beam rotting out, gate 1 needs track and door, gate 3 track blown out, small holes on each end of sheet piling.	6/13/12 - Remove gate sill bottoms as these are corroded and prevent gate from closing and replace angles welded to gate bottoms 11/6/15 - Replace track guide systems for 3 gates and change anchors in track guide systems; clean and lubricate all 3 lift rods for gates; for all 3 tie rods, weld new equivalent 3 ft sections; replace 3 ft corroded sections of weir vertical I-beams at both side banks and encase
WCS 127	Creighton	3/9/21	2.5	1	2	2	2.5	2.5	Yes			2		2	2	3	6	Concrete pillars chipped and cracked, some hardware rusted and rust on tracks and gate.	1/30/19 PO#047665 - Repaired hole in vertical beams and repaired hole in sheet piling by support bar
WCS 138	New Castle	3/8/21	3	1.5	1	2	2	2	Yes			2.5		1.5	3	2	6	Sheet pile rotted out all along top, concrete slab broken from washout, columns chipped. support bars are bent.	8/07 - Replace gates and corroded members. Washout by walkway fixed
WCS 111	Cocoplum	3/8/21	2.5	2	1	4	2	2	Yes			1.5		4	2.5	2	5	Washouts backside of bank	9/12/12 - Replaced corroded horizontal I-beam and corroded sections of vertical support for "cat walk" 1/30/19 PO #047665 - Fixed top bars in gate frames that was corroded

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Structure #	Waterway	Date	Metal			Gates				Pipes	Risers	Concrete		Bank Condition	Overall	Structure Location	Replacement Priority Score	Other Observations	Previous Repairs Completed	
			Sheet Piling	I-Beams	Cat walk	# of Gates	Gate	Hardware	Operational (yes, no, list#)			Columns	Cap							
WCS 130	Bass Point	3/15/21	3	2	1	2	2	2	Gate 1 No Gate 2 Yes			2		4	2.5	2	5	Gate 1 very hard to open	8/07 - Replaced gates and corroded horizontal channels. 6/4/18 - Replaced I-Beam, inspect gear box, clean rod, maintain tracks, maintain gate 1/30/19 PO #047588 - Replaced I-beam webs that had holes. Repaired tracks. Maintained gear box and rod.	
WCS 131	Bass Point	3/15/21	2.5	1	1	2	4	4	Gate 1 No Gate 2 Yes			3		1	2.5	2	5	Gate 1 has a pinhole.	9/25/13 Replaced corroded horizontal support beams and corroded sections of tie rods and vertical I-beams on both west and east sides of the structure, patched a small leak in the sheet metal piling and welded new boxes for both gate stems. 8/07 - Weld boxes on gate stems on each gate.	
WCS 137	New Castle	3/8/21	2.5	1	1	2	1	1	Yes			2		2	2.5	2	5	All good	8/07 - Replace gates and corroded members. 6/4/18 - Replace I Beam, Inspect Rod, clean and repair any bad threads, Gear box- open, replace any bad bearings, check key ways in gear drives. Check brass lifting bushing. Tracks, replace spacer bars as needed or tracks as needed. Adjust, clean and inspect door for proper operation. 1/30/19 PO #047588 - Replaced both horizontal I-beams which have rotted off	
DS 119	Blueridge	3/11/21								1	1.5	1.5	1.5	1	1.5	3	4.5	Needs more rip rap by guardrail.	1/30/19 - Fixed sidewalk washing out.	
DS 126	Lagoon	3/10/21								3	1	1	1	2	1.5	3	4.5	Pipe down stream holes pipe cracked and rusted.	1/30/19 - Fixed erosion of rip rap bank near guardrail	
FW 120	Blueridge	3/11/21	1.5	1.5										1.5	1.5	3	4.5	No concrete cap, sheet pile rusted, I beam rotted.		
FW 122	MacCaughey	3/11/21	2											1	1	1.5	3	4.5	Cracked concrete	1/30/19 - Fixed W. downstream bank minor erosion.
FW 123	MacCaughey	3/10/21	1.5											1	1.5	1.5	3	4.5	Concrete slab cracked due to washout.	
FW 506	Crestwood	3/12/21	2							1				1	2	1.5	3	4.5	Vegetation needs to be sprayed	
FW 507	Flamingo	3/15/21	2							2				1	1	1.5	3	4.5	All good	

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Structure #	Waterway	Date	Metal			Gates				Pipes	Risers	Concrete		Bank Condition	Overall	Structure Location	Replacement Priority Score	Other Observations	Previous Repairs Completed
			Sheet Piling	I-Beams	Cat walk	# of Gates	Gate	Hard ware	Operational (yes, no, list#)			Columns	Cap						
DS 508	Auburn	3/15/21								1		1	1	1	2	2	4	Needs new grate	4/5/19 Uretek chemical foam grout seal used to repair wash out under fabriform and hole near roadway guardrail
FW 154	Snover	3/18/21	2	4									2	2	2	2	4	Cracks in concrete, I beam rotted out, needs to be cleared of vegetation.	
FW 156	Snover	3/18/21	1	3									1	2	2	2	4	Cracks in concrete, I beam rotted out, needs to be cleared of vegetation.	
FW 161	Snover	3/11/21	1	1									3	1	2	2	4	Concrete separated from sheet pile, cement cracked. Washing out on top front of concrete.	4-16-19 - Dead cabbage palm removed
GDS 116	Snover	3/13/21			2	1	4	4	No	4	4			4	4	1	4	Need gate and track replaced, gate rotted, holes in pipe. Washout right of gate	
GDS 141	Bethlehem	3/13/21			1.5	1	1	4	No	4	4			1	4	1	4	Needs new gate and track. Holes in pipe, grate in the mud.	
GDS 142	Littlefield	3/8/21			1	1	4	4	No	4	4			4	4	1	4	Needs replaced, walkway good. Washouts, trees growing all around pipes.	1/30/19 - Removed massive amount of dead willows and debris clogging structure. Repaired bank erosion. Remove toy car in upstream ditch.
GDS 143	Newman	3/9/21			2	1	1	2	Yes	4	4			1	4	1	4	Holes in pipes, handrail corroded, washout around structure.	
WCS 106	Cocoplum	3/4/21	1	1	1	8	1	1	Yes			1	1	1	1	4	4		Replacement under construction April 2019 to May 2020
FW 129	Creighton	3/10/21	1							3.5		1	1	1	1	3	3	Front of pipes needs to be cleared of brush and debris. Pipes corroded and sheet pile rusted.	1/30/19 Fixed - Remove fabric and debris over downstream pipes
FW 136	Blue Waters	3/12/21	2							3		1	1	1	1.5	2	3	Downstream pipes corroded, need to be replaced.	
WCS 125	Lagoon	3/9/21	2	2	3	4	2	2	1&4 Yes 2&3 No			2		1	1	3	3	Beam on walkway rusted out.	6/13/12 - Remove gate sill bottoms as these are corroded and prevent gate from closing and replace angles welded to gate bottoms
WCS 140	Bethlehem	3/8/21	3.5	1	1	2	1	1	Yes			1.5		1	3	1	3	Hole in sheet pile, washout on low side.	12/2017 - Repair one horizontal I beam, Repair one Vertical I beam, Replace gate #1, Replace gate #2 1/30/19 - Fixed Horizontal I-beam that has fallen
WCS 162	R - 36	3/4/21	2		1	1	1	1	Yes	2		1	2	2	1	3	3		6/4/15 Repaired erosion below existing concrete slab on the northwest side of WCS No. 113 by injecting flowable fill (cementitious grout) to fill all voids 1/30/19 - Removed willows in R-36 and fixed rip rap on downstream of Van Camp
DS 510	Courtland	3/16/21								1		1	1	1	1	2	2	All good	1/30/19 - Small "island" downstream in Charlotte County removed.

2021-03-24 Water Control Structures Inspection

Metal, Gates, Pipes and Risers: 1 = No Corrosion, 2 = Surface Rust, 3 = Some Rot, 4 = Major Corrosion Overall: 1 = Good, 2 = Fair, 3 = Poor, 4 = Bac

Concrete: 1 = Good, 2 = Few chips/cracks, 3 = Some Spalling, 4 = Major Chips/Cracks Deterioration Bank Condition: 1 = Good, 2 = Fair, 3 = Poor, 4 = Bac

Structure Location: Replaced or Rehabilitated = 0, Structure located in undeveloped areas (1), east of Toledo Blade (2), west of Toledo Blade (3), developed areas Snover & Cocoplum (4)

Structure #	Waterway	Date	Metal			Gates				Pipes	Risers	Concrete		Bank Condition	Overall	Structure Location	Replacement Priority Score	Other Observations	Previous Repairs Completed
			Sheet Piling	I-Beams	Cat walk	# of Gates	Gate	Hard ware	Operational (yes, no, list#)			Columns	Cap						
FW 151	Snover	3/11/21	1	1								1	1	1	2	2	Minor crack in concrete upstream		
FW 152	Snover	3/18/21	1	1								1	1	1	2	2	Crack in concrete, concrete separating from sheet pile, needs to be cleared of heavy vegetation and trees.		
FW 153	Snover	3/18/21	1	1								1	1	1	2	2	Concrete separated for sheet piling, sheet pile rusted in the middle of structure, needs to be cleared of vegetation.		
GDS 512	Pellam	3/9/21			1	2	1	1	Yes			1		2	1	2	2	Bank and downstream needs to be cleared of vegetation.	
FW 180	Lion Heart	3/17/21	2							1.5		1	1	2	1.5	1	1.5	Sheet pile rusted, pipes are good, large island on Charlotte County side	
FW 181	Sunset	3/17/21	2							1		1	1	1.5	1.5	1	1.5	Washing out along back by concrete cap all he way to top. Island on Charlotte County side.	
FW 183	Morning Star	3/13/21	1.5							2.5			1	1	1.5	1	1.5	Pinhole in sheet pile	
FW 182	Dorchester	3/17/21	1.5							1		1	1	1.5	1	1	1	Sheet pile rusting	
FW 185	Elkcam	3/12/21	1							1			1	1	1	1	1	All good	
FW 186	Fordham	3/12/21	1							1			1	1	1	1	1	All good	
DS 501	Cheshire	3/12/21								1					1	0	0	All good	7/2009 Rebuilt covered concrete structure and replaced corroded 60" diameter CMP pipe with 60" RCP.
DS 503	Apollo	3/12/21								2		1	1	1	1	0	0	All good	9/2009 Corroded Triple 72" Diameter CMP drop pipes structure and culvert replacement with concrete box structure with fiberglass skimmer and triple 72" concrete RCP and headwall.
DS 504	Jupiter	3/12/21								2		1	1	1	1	0	0	Skimmer down, needs to be placed back up. Needs more rip rap.	8/2009 Corroded Triple 72" Diameter CMP drop pipes structure and culvert replacement with concrete box structure with fiberglass skimmer
FW 132	Bass Point	3/10/21	1							1		1	1	1	1	0	0	All good	5/2011 - Severely corroded corrugated metal pipes CMP, erosion and undermining of side banks. Replace with open concrete weir and RCP culvert pipes.

2021-03-24 Water Control Structures Inspection

Metal, Gates, Pipes and Risers: 1 = No Corrosion, 2 = Surface Rust, 3 = Some Rot, 4 = Major Corrosion Overall: 1 = Good, 2 = Fair, 3 = Poor, 4 = Bac
 Concrete: 1 = Good, 2 = Few chips/cracks, 3 = Some Spalling, 4 = Major Chips/Cracks Deterioration Bank Condition: 1 = Good, 2 = Fair, 3 = Poor, 4 = Bac
 Structure Location: Replaced or Rehabilitated = 0, Structure located in undeveloped areas (1), east of Toledo Blade (2), west of Toledo Blade (3), developed areas Snover & Cocoplum (4)

Structure #	Waterway	Date	Metal			Gates				Pipes	Risers	Concrete		Bank Condition	Overall	Structure Location	Replacement Priority Score	Other Observations	Previous Repairs Completed
			Sheet Pilings	I-Beams	Cat walk	# of Gates	Gate	Hard ware	Operational (yes, no, list#)			Columns	Cap						
FW 133	Bass Point	3/12/21	1							1		1	1	1	1	0	0	All good	11/2014 - Severely corroded corrugated metal pipes CMP, erosion and undermining of side banks. Replace with open concrete weir and RCP culvert pipes.
FW 135	Twin Lakes	3/12/21	1							1			1	3	1	0	0	Washout on the low side.	8/2009 Replaced concrete drop structure with concrete open weir replaced as part of the Toledo Blade widening project
FW 139	New Castle	3/12/21	1							1		1	1	1	0	0	0	Washout by structure on low side, pipe separated from other pipe.	4/2012 Severely corroded corrugated metal pipes CMP, erosion and undermining of side banks. Replaced with open concrete weir and RCP culvert pipes.
WCS 101	Myakkahatchee	3/4/21	1	1	1	6	1	1	Yes - Gate 2 Leaks			1	1	1	1	0	0	Hydraulic leak on gate 2.	5/9/14 - Completed replacement of existing structure with new structure, two additional gates for a total of 6 gates, gate automation and telemetry 9/5/18 - Repaired telemetry malfunction, replace part no. NL120 CSI Ethernet Interface
WCS 107	Cocoplum	3/8/21	1	1	1	6	1	1	Yes			1	1	1	1	0	0	1 spot under catwalk rotten, needs to be welded.	Jan 2011 - Retrofitted with concrete weir wall, 6 new stainless steel gates, concrete spillway and large revetment.
WCS 109	Cocoplum	3/8/21	1	1	1	6	1	1	Yes			1	1	1	1	0	0	All good	12/17/2015
WCS 115	Snover	3/15/21	1	1	1	4	1	1	Yes			1	1	1	1	0	0	Missing Light.	8/31/18 - Completed replacement of existing structure with new structure, 4 automated gates with remote telemetry control
GDS 112	Cocoplum	3/12/21			none	none	none	none	No	none	none			4	4	1	4	No catwalk, no gate.	Drop structure with 1 gate destroyed in storm in 9/13/16 and removed in 2017. Only horizontal culvert pipes left in place. Will need perform hydraulic modeling and obtain approval from SWFWMD not to replace structure.

Structure priority for replacement is based on the following in order with the largest score:

- Column R - Replacement Priority Score
- Column Q - Structure Location
- Column D - Sheet Pilings condition
- Column M - Concrete Column condition
- Column N - Concrete Cap condition
- Column E - I-Beams condition
- Column A - Structure No.

**Water Control Structures (WCS) Completely Rehabilitated or Replaced
As of 2021-04-23**

Item	Water Control Structures	Waterway	Location	Rehab Issues	Project Start Date	Engineering / Permitting/Other or non-Construction Costs	Actual Construction Costs Includes Contingency Spent	Total Final Design and Construction Cost Spent	Engineering Consultant / P.E.	Contractor / Supervisor	Project Status	City Project Manager	Comments
1	WCS 109	Cocoplum	East of San Mateo	Severe metal sheet piling corrossions, gates, two gates will not open. Retrofit with concrete weir wall and 6 new stainless steel gates and concrete spillway and large revetment.	Started Design in 2007	\$49,594.36	\$311,650.00	\$361,244.36	KHA / Nathan Lee Seth Schmid	Keesling Construction Inc. / Klint Keesling	Completed Sept 2009	Elizabeth Wong	
2	DS 501	Cheshire	Chancellor Between Sumter and North Port Blvd	Rebuilt covered concrete structure and replaced corroded 60" diameter CMP pipe with 60" RCP.	Started Design in 2006	\$16,622.67	\$77,488.37	\$94,111.04	DRMP / Scott Garth	Southwest Utilities Systems Inc / Rick Mauch	Completed July 2009	Elizabeth Wong	Charlotte County and City of North Port split cost 50/50. John elias is Charlotte County Project manager
3	DS 504	Jupiter	Chancellor Just east of Salford	Corroded Triple 72" Diameter CMP drop pipes structure and culvert replacement with concrete box structure with fiberglass skimmer and triple 72" concrete RCP and headwall.	Started Design in 2006	\$16,622.67	\$203,833.09	\$220,455.76	DRMP / Scott Garth	Armadillo / Keith Richmond	Completed August 2009	Elizabeth Wong	
4	DS 503	Apollo	Chancellor Just east of Sumter	Corroded Triple 72" Diameter CMP drop pipes structure and culvert replacement with concrete box structure with fiberglass skimmer and triple 72" concrete RCP and headwall.	Started Design in 2006	\$16,622.67	\$193,938.85	\$210,561.52	DRMP / Scott Garth	Dave Foote Environmental / George Foote	Completed Sept 2009	Elizabeth Wong	
5	WCS 135	Twin Lakes	Price East of Toledo Blade	Replace concrete drop structure with concrete open weir replaced as part of the Toledo Blade widening project	2009	Included in umbrella project of Toledo Blade Widening	\$134,860.00	\$134,860.00	Wilson Miller Prime	Apac is prime, Lovin Construction built structure	Completed August 2009	Ben Newman	Design Cost unknown as it was included in the Toledo Blade Widening contract
6	WCS 107	Cocoplum	Just west of Chamberlain	Severe metal sheet piling corrossions, gates, two gate will not open. Retrofit with concrete weir wall and 6 new stainless steel gates and concrete spillway and large revetment.	Start Design in 9/30/09	\$43,783.16	\$545,267.26	\$589,050.42	KHA / Nathan Lee Seth Schmid	Coral Sands	Completed January 2011	A. Carrasquillo	Costs include a large Emergency Change Order of \$125,000 due to unforeseen concrete in canal bottom downstream of structure.
7	DS 132 and culverts	Bass Point	At Jeannin Dr	Severely corroded corrugated metal pipes CMP, erosion and undermining of side banks. Replace with open concrete weir and RCP culvert pipes.	Design Start 10/09	\$40,987.22	\$436,615.82	\$477,603.04	DMK / Mary Ann Lind	Thomas Marine/Mark Mabee	Completed May 2011	Angel Carrasquillo	
8	DS 139 and culverts	Snover	East of Haberland	Severely corroded corrugated metal pipes CMP, erosion and undermining of side banks. Replace with open concrete weir and RCP culvert pipes.	Design Start 10/09, construction start 1/4/12	\$40,987.22	\$488,104.70	\$529,091.92	DMK / Mary Ann Lind	GCS/John Matz	Completed April 2012	A. Carrasquillo (design & permitting) E. Wong (construction)	
9	WCS 101	Cocoplum	Myakkahatchee Creek near WTP	Design, permitting and construction services for the replacement of WCS 101	5/29/2012	\$127,754.00		\$1,317,261.50	AIM Engineering / Lee Flynn and Tim Denger		Design 3/26/13 (USACOE Permit), construction 4/18/14	Elizabeth Wong	This is a SWFWMD cooperatively funded project. Engineering/Permitting cost include land and easement purchase and Gopher Tortoise relocation
				Gopher Tortoise Relocation	5/2/2013	\$4,400.00			Ian Vincent & Associates	Completed 5/22/13			
				Land/Easement Acquisition	8/9/2012	\$13,860.00			American Acquisition Group	Complete 4/6/13			
					8/9/2012	\$21,776.50			American Government Services	Complete 4/6/13			
				Complete replacement of existing structure with new structure, two additional gates for a total of 6 gates, gate automation and telemetry	Started construction May 28, 2013		\$1,149,471.00			Shoreline Foundation Inc/Charles Diveto/Neil Davis	Completed 5/9/14		
10	DS 133 and culverts	Snover	West of Haberland	Severely corroded corrugated metal pipes CMP, erosion and undermining of side banks. Replace with open concrete weir and RCP culvert pipes.	Design start 10/09, construction start 5/20/14	\$49,355.60	\$549,796.80	\$599,152.40	DMK / Mary Ann Lind and Kreg Maheu	Olympus Painting Contractors Inc. Ed Freeman	Completed 11/20/14	A. Carrasquillo (design & permitting) Elizabeth Wong (construction)	
11	WCS 115	Snover	East of Chamberlain Blvd	Severe corrosion of metal sheet piling corrossions and gates. Water level could not be retained upstream by structure. Will either replace or rehabilitate entire structure.	Start design in FY 2016	\$108,081.00	\$1,064,496.00	\$1,172,577.00	AIM Engineering / Lee Flynn	V & H Construction, Inc. (Rade Vujakija and Joe Martin)	Completed 8/31/18	Elizabeth Wong	

**Water Control Structures (WCS) Completely Rehabilitated or Replaced
As of 2021-04-23**

Item	Water Control Structures	Waterway	Location	Rehab Issues	Project Start Date	Engineering / Permitting/Other non-Construction Costs	Actual Construction Costs Includes Contingency Spent	Total Final Design and Construction Cost Spent	Engineering Consultant / P.E.	Contractor / Supervisor	Project Status	City Project Manager	Comments
12	WCS 106	Cocoplum	West of North Port Blvd Near WTP	Severe deterioration of concrete columns that support the gates and catwalk. Corrosion of sheet pilings	Start design in 8/8/17 Construction start 4/7/19	\$168,000.00	\$2,304,436.58	\$2,472,436.58	KHA / Peter Vanbuskirk, Seth Schmid	ZEP Construction, Inc (Jamie Booth, Kirk Scribner)	Completed 8/11/20	Elizabeth Wong	
13	WCS 108	Cocoplum	West of Collingswood	Severe deterioration of entire structure	Start design in 11/2/20	\$143,006.12			KHA / Peter Vanbuskirk, Ty Gremaux		Ongoing		
Total						\$861,453.19	\$7,459,958.47	\$8,178,405.54					

WCS Replacement Plan

The priority for the replacement of the major WCS's is updated annually (Figure 3-2). Since 2006, 11 major WCS's have been completely replaced or rehabilitated, one is in construction, and one is being designed (Attachment C). The current Public Works plan is to annually design and permit one WCS replacement while constructing a previously designed and permitted WCS.

The rehabilitation of WCS 106 on the Cocoplum Waterway just west of North Port Boulevard is underway with completion expected in Spring of 2020. Design for WCS 108 on the Cocoplum Waterway west of Collingswood Boulevard is anticipated to be completed in Fall of 2020 and will be followed by construction budgeted for fiscal year 2021.

Beyond the 5-year budget projections shown, WCS 124, WCS 127, WCS 138, WCS 118, WCS 121 and WCS 125, are anticipated to be constructed in years 2025, 2026, 2027, 2028, 2029 and 2030 respectively. Budget amounts will be proposed when the structure is within the 5-year replacement window.

WCS Repair Plan

Preventative maintenance and minor repairs prolong the life of the WCS's and keep them in good working order. Minor repairs include repair or replacement of: gates, gate actuators, gate stems, gate tracks, tie backs, catwalk deck/railing, vertical and horizontal I-beams, weir sheet metal erosion, and adjacent bank erosion.

The WCS's that have not been replaced are at a vulnerable age when unforeseen component failures can occur. Due to the significant expense and time needed to design, permit and construct replacement WCS's, significant repairs may need to be done on a WCS that is scheduled to be replaced in the near future. Generally, components such as gates, actuators and stems that are in good condition can be salvaged and become spares for use in other failing WCS's.

Public Works Operations staff perform annual inspection of all structures and prioritize major and minor WCS repairs or replacements (Attachment B). Figure 3-3 reflects the fiscal year 2020 repair budget for WCS's.

Figure 3-2
5-year WCS Replacement Budget Plan

	2020	2021	2022	2023	2024
Design	WCS 108	WCS 113	WCS 114	FW 157	WCS 124
Costs	\$199,000	\$308,000	\$203,000	\$234,000	\$241,000
Construction	WCS 106	WCS 108	WCS 113	WCS 114	FW 157
Costs	\$2,500,000	\$2,480,000	\$3,850,000	\$2,540,000	\$2,920,000
	WCS 106	WCS 108	WCS 113	WCS 114	FW 157
Total Costs	2,668,000	\$2,679,000	\$4,158,000	\$2,743,000	\$3,154,000



Figure 3-3
Fiscal Year 2020 WCS Repair Budget Plan

Structure	Description	Budget Estimate
WCS 108	Repair holes in sheet piling	\$10,000
WCS 113	Repair holes in sheet piling, repair gate stem attachment points, evaluate for gate replacement	\$15,000-\$30,000
WCS 118	Replace #1 gate and track, evaluate for gate replacement	\$15,000-\$20,000
WCS 124	Replace #1 gate and track, evaluate for gate replacement	\$15,000-\$20,000
WCS 125	Replace actuator	\$20,000

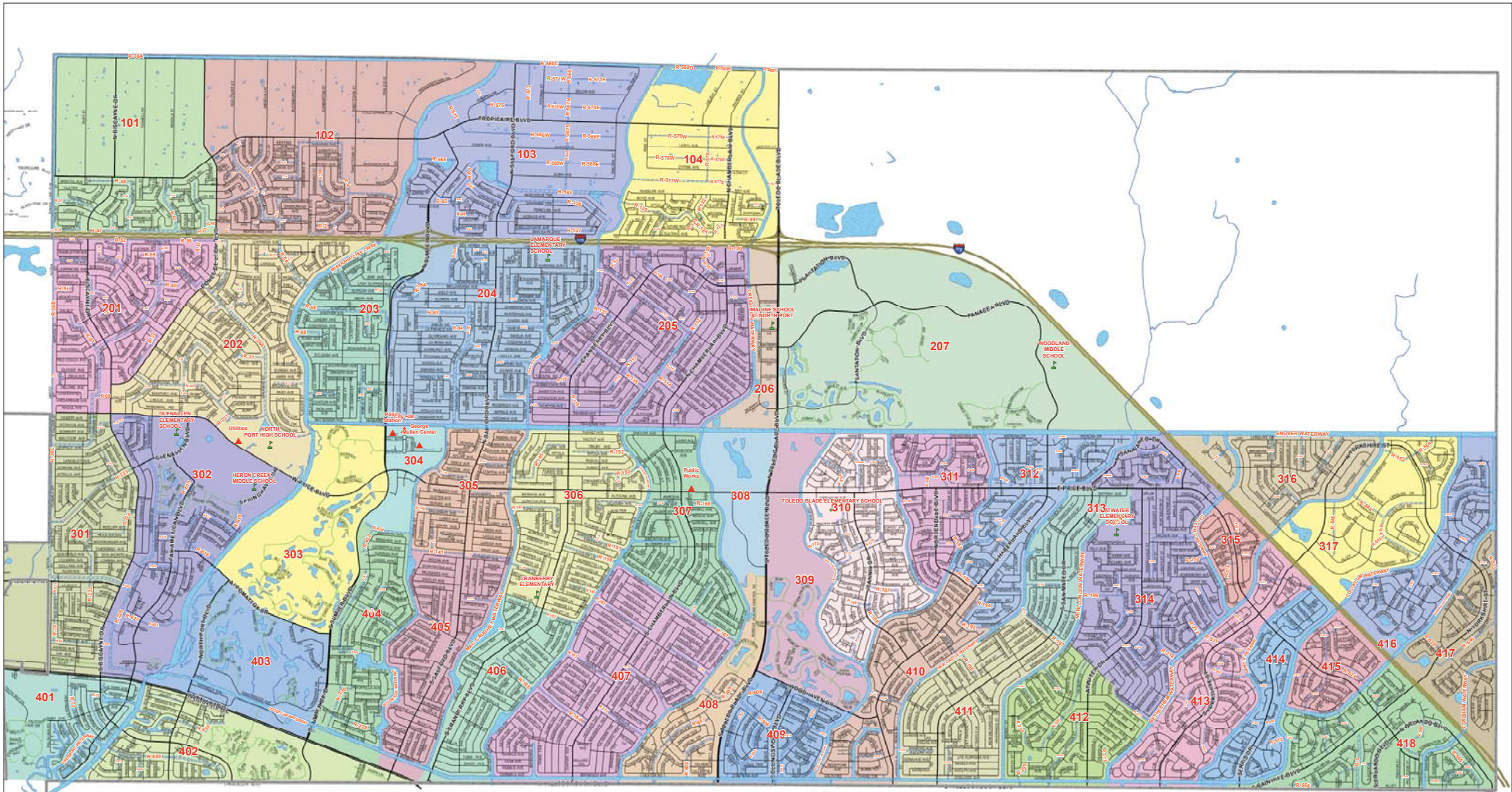
Water Control Structure Locations

WCS 106	North Port Blvd and Cocoplum Waterway
WCS 108	Collingswood Blvd and Cocoplum Waterway
WCS 113	Snover Waterway and Myakkahatchee Creek
WCS 114	N Salford Blvd and Snover Waterway

WCS 118	Abbotsford St and Blueridge Waterway
WCS 124	Parade Terrace and Lagoon Waterway
WCS 125	Parkmount Terrace and Lagoon Waterway
FW 157	Panacea Blvd and Snover Waterway

2020 Maintenance Activities in Monthly Reports to Commission

TYPE	January	February	March	April	May	June	July	August	September	October	November	December	Total
Retention (R) Ditches and Canals Rehabilitated (<i>linear miles</i>)	0.862	2.277	1.813	1.738	2.813	3.986	3.485	3.857	1.780	1.866	2.373	1.307	28.16
Swales Rehabilitated (<i>linear miles</i>)	6.824	5.586	7.730	7.916	7.138	6.580	5.877	6.756	6.680	6.354	4.620	5.832	77.891
Asphalt Placed – Pothole Repairs (<i>tons</i>)	5.5	6.61	4	1	15	25.6	18	12	4.36	6	19	11	128
Roadside Mowing (<i>acres</i>)	1410	867	848	516	750	970	881	873	761	476	134	514	9,000
Drainage Right of Way (ROW) Mowing (<i>acres</i>)	293	254.3	75	43	233	149	262	28	328	75	621	232	2,593
Aquatic Spraying (<i>acres</i>)	54	55.4	113	31	92	54	59.05	77	65	39	21	64	724
Boom Mowing R-Ditch Bottoms (<i>linear miles</i>)	18	1	2.5	0.7	17	12.45	7	1	14	8	8	9.5	99
Pipes Installed (<i>linear miles</i>)	0.142	0.159	0.222	0.148	0.097	0.118	0.167	0.120	0.143	0.194	0.117	0.098	1.725
Catch Basins/Culvert Boxes Installed	8	8	3	0	0	2	0	1	0	0	0	0	22
Drainage pipe cleaning (each)	284	322	204	107	290	199	278	156	288	222	118	204	2,672



Legend

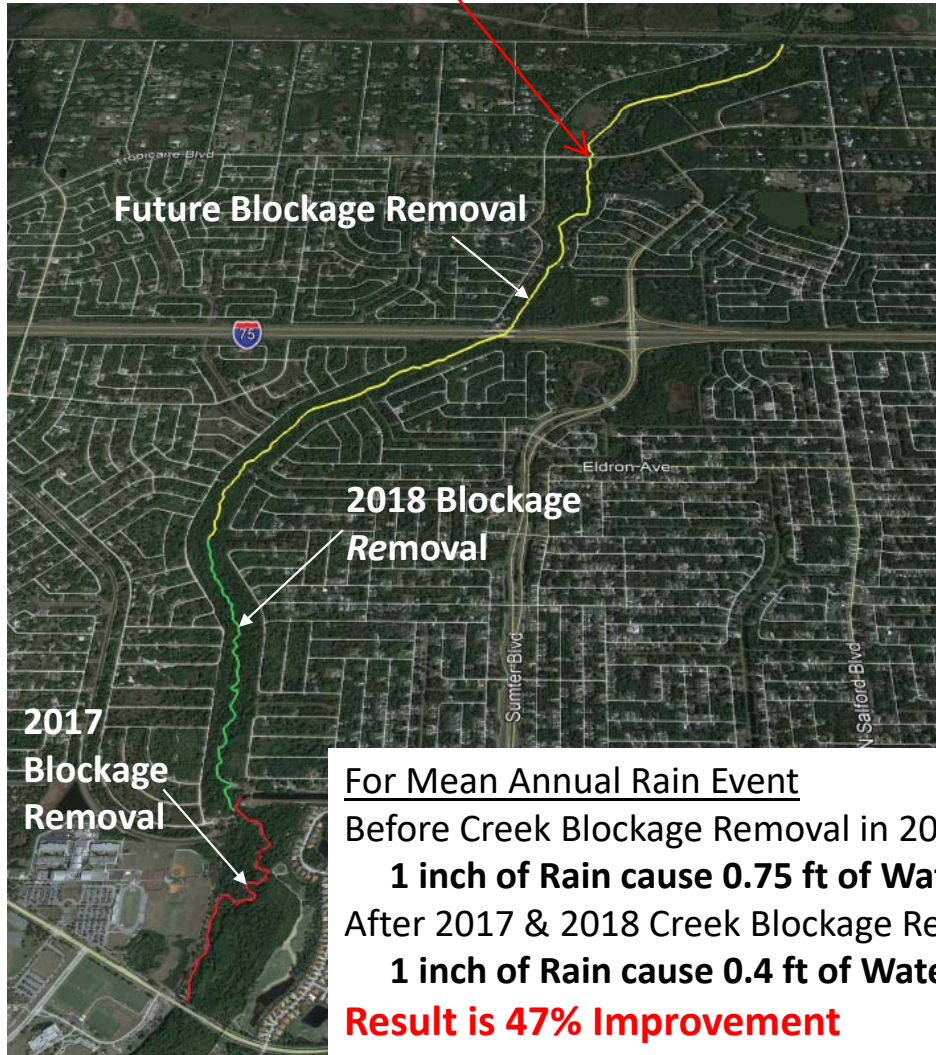
- ▲ Critical Facilities
- ▲ Schools
- DROW
- Waterway
- City Limits
- Interstate
- Major Roads
- Local Roads
- Private Roads



Disclaimer: This map is for reference purposes only and is not to be construed as a legal document. Any reliance on the information contained herein is at the user's risk. The City of North Port and its agents assume no responsibility for any use of the information contained herein or any loss resulting there from.

USGS Rain Gage
at Tropicaire Blvd

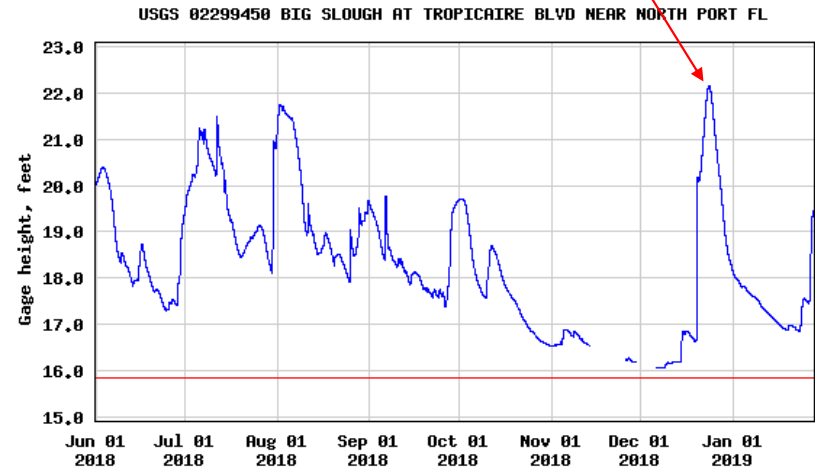
After 2017 - 2018 Creek Blockage Removal



**No street flooding after
2017 - 2018 project
Tropicaire Blvd USGS gage at 22.15'**

Gage height, feet

Most recent instantaneous value: 19.45 01-28-2019 12:00 EST



Changes Between the FEMA Preliminary Coastal Flood Risk FIRMS Dated 12/31/19 and Existing Effective FIRMS dated 11/4/16

Address List Parcels (Centroids)	1% Increase	1 % Decrease	1% Increase Exclusively	1 % Decrease Exclusively	Share Both	TOTAL
<i>Countywide Total</i>	<u>27,284</u>	<u>20,891</u>	<u>25,087</u>	<u>18,694</u>	<u>2,197</u>	<u>45,978</u>
Town of Longboat Key		373	0	373	0	373
City of Sarasota	672	1,697	640	1,665	32	2,337
City of Venice	47	1,231	17	1,201	30	1,248
City of North Port	3,601	50	3,588	37	13	3,638
Unincorporated	22,964	17,540	20,842	15,418	2,122	38,382
<i>BBC Districts Total (Centroids)</i>	<u>27,284</u>	<u>20,891</u>	<u>25,087</u>	<u>18,694</u>	<u>2,197</u>	<u>45,978</u>
Michael A. Moran - 1	7,704	3,128	7,068	2,492	636	10,196
Christian Ziegler - 2	1,806	2,760	1,630	2,584	176	4,390
Nancy C. Detert - 3	5,652	4,501	4,709	3,558	943	9,210
Alan Maio - 4	6,722	5,211	6,526	5,015	196	11,737
Charles D. Hines - 5	5,400	5,291	5,154	5,045	246	10,445
Buildings (Intersected)	1% Increase	1 % Decrease	1% Increase Exclusively	1 % Decrease Exclusively	Share Both	TOTAL
<i>Countywide Total</i>	<u>7,750</u>	<u>16,360</u>	<u>7,619</u>	<u>16,229</u>	<u>131</u>	<u>23,979</u>
Town of Longboat Key	0	376	0	376	0	376
City of Sarasota	206	1,396	201	1,391	5	1,597
City of Venice	7	1,152	6	1,151	1	1,158
City of North Port	1,495	3	1,495	3	0	1,498
Unincorporated	6,042	13,433	5,917	13,308	125	19,350

"Exclusively" means parcels that only have one type of change. Some parcels include both areas added to the one-percent annual chance flood and areas removed from the one-percent annual chance flood.

"Share Both" means a parcel crossed both the increase and decrease layers of the CSLF layer from FEMA. The floodplain was essentially reshaped on those parcels



City of North Port

Office of the City Manager

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September 15, 2020

Mark A. Vieira, P.E.
Senior Civil Engineer
FEMA Region IV
Mitigation Division, RA Branch
US Department of Homeland Security
770-220-5450

Re: City of North Port Review of the December 31, 2019, Preliminary Coastal Risk Flood Insurance Rate Maps and Flood Insurance Study

Dear Mr. Vierra:

The City of North Port appreciates the cooperative efforts by the Federal Emergency Management Agency (FEMA) to revise the City's November 4, 2016, Flood Insurance Rate Maps (FIRMs) for the coastal area. Attached are the City's concerns and recommendations on the December 31, 2019, Preliminary Coastal Risk FIRMs and Flood Insurance Study (FIS). The City would appreciate a response to these comments prior to FEMA finalizing the FIRMs and FIS. Any questions or comments should be directed to Elizabeth Wong, P.E., City of North Port Stormwater Manager via email to ewong@cityofnorthport.com or by phone at (941) 240-8321 or (941) 628-1475.

Sincerely,

Jason Yarborough, ICMA-CM
Acting City Manager

c. by email

Cari Branco, Assistance City Manager
Juliana B. Bellia, Director, Department of Public Works
Rick Newkirk, Utilities Director
Scott Titus, Fire Chief
Eric Tiefenthaler, Emergency Manager
Monica Bramble, Assistant Director, Department of Public Works
Gerardo Traverso, P.E., PMP, Engineering Manager, Department of Public Works
Elizabeth Wong, P.E. Stormwater Manager, Department of Public Works
Mike Taylor, P.E. Project Manager, AECOM

**CITY OF NORTH PORT COMMENTS ON
PRELIMINARY RISK FIRMS DATED DECEMBER 31, 2019**

1. 2007 LiDAR Topographic Data Should be Updated to Prepare the Preliminary Risk FIRMs –

Concern: In a 2/13/20 email response from Mark Vierra, he indicated *“The coastal portion of Sarasota County is using LiDAR flown in 2015. However, for inland areas of Sarasota County including the City of North Port, 2007 LiDAR is the most current that we have.”* The 2007 LiDAR topography done over 13 years ago, is very outdated. Most of Florida has experienced a huge building boom after 2007 and many structures are built higher than the elevations in 2007. These higher elevations are not reflected in the new flood maps as they are based on outdated 2007 topography.

Proposed Solution:

a. It is recommended that FEMA acquire up to date LiDAR data before revising the flood maps.

2. Properties already Built higher than the proposed BFEs –

Concern: The City and FEMA’s consultant AECOM, have received much input from many property owners in areas west of the Myakka River in the West Villages area (Gran Paradiso, The Preserve, Renaissance, Oasis) and in Talon Bay east of the Myakka River. A large portion of these properties were in flood zone AE per the 1981 and 1984 FIRMs, then remapped as flood zone X in the 2016 FIRMs, and now remapped back into flood zone AE in the December 31, 2019 preliminary Risk FIRMs.

Many of these properties were built higher than the proposed BFE, but the lower elevations corresponding to undeveloped conditions in the 2007 LiDAR data were used for the December 31, 2019 preliminary Risk FIRMs. The 2007 LiDAR data show these properties remapped into Flood zone AE. Mark Vierra had indicated that these properties cannot qualify for a no-fee letter of map amendment (LOMA) as the very first 1984 FIRM shows them to be in AE. Consequently, they will have to pay FEMA to file for a letter of map revision based on fill (LOMR-F). Many properties were built after the flood zone changed from Zone AE in 1984, to Zone X in the 11/4/16 FIRMs. Thus, these properties were not required to obtain Elevation Certificates. Now to file for a LOMR-F they will have to pay for both an elevation certificate (about \$300) and the FEMA LOMR-F filing fee (\$425 per lot or \$800 for multiple lots).

Proposed Solution:

a. A list of these developments is provided in Attachment A. The corresponding Southwest Florida Water Management District (SWFMWD) permitted plans, record drawings and several elevations certificates are available. Due to the large file sizes, pdfs of these documents are sent separately in an email to the FEMA’s Project Manager and FEMA’s Consultant AECOM to access files through “One Drive “.

- b. It is recommended that FEMA download and review this data. Properties that are already built higher than the new BFEs should be removed out of the zone AE before finalizing the FIRMs.
- c. For properties already built higher than the revised BFEs before the new FIRMs effective date, FEMA should consider waiving the LOMR-F filing fee for MT-1 applications and process application as a no-fee LOMA.
- d. Property owners that sent FEMA's consultant as-built surveys and elevation certificates before and during or the 90-day Public Comment period should also have their properties removed out of the zone AE before FEMA finalizes of the new FIRMs.

3. Three Myakka River Bridge Effects –

Concern: FEMA's consultant AECOM indicated that the modeling used to prepare the Preliminary Risk FIRMs did not include the storm surge and wave action dampening effects of the following three (3) parallel bridges that spans the mouth of the Myakka River near El Jobean. Only the bridge approaches were in the model.

- I. Old railroad trestle bridge that is a fishing pier
- II. North-bound State Road 776 Bridge
- III. South-bound State Road 776 Bridge

On a typical windy day with winds that frequently come out of the southeast, there is a huge visible difference in wave action heights and between the upstream and downstream sides of these bridges. The very tightly spaced railroad trestle pilings, the deck stringers (elevation 8ft NAVD88) and the hand railing (elevation 11.5ft NAVD88) will likely dampen the storm surge and wave action and may lower the BFE of 11 ft NAVD88 in the preliminary Risk Maps.

Proposed Solution:

The three bridges need to be incorporated into the modeling used to prepare the Preliminary Risk FIRMs

- A pdf copy of the old railroad trestle bridge plans named "*EL JOBEAN BRIDGE REHAB 6-9-15*" is available. These plans correspond with the current day condition of the north half of the old railroad trestle bridge that is now a fishing pier, and shows elevation of the deck, stringers and railing. The south half of the old railroad trestle bridge is similar to the north.
- Florida Department of Transportation provided plans for the north and south bound concrete bridges. All available plans, photos and videos of these three bridges are sent separately in an email to the FEMA's Project Manager and FEMA's Consultant AECOM to access files through "One Drive".

4. **Model Validation in North Port area** - In the model validation report file name "R4_SWFL_IDS2_Feb2017.pdf", please clarify what is used to validate the proposed flood elevations in the Myakka River that affects North Port.

5. 500-Year Model Results

- a. There are many areas where the 0.2% risk is increased. Was the 500-year storm (0.2% risk) modeled? Where can the 500-year storm flood elevations be found?

6. Other comments on Flood Insurance Study

- a. Flood Insurance Study FIS Vol 2 Pdf page 29 - Table 22 Topo Elev - the year the topographic elevation is used to prepare the maps needs to be specified.

7. Other comments on Preliminary Risk Firms Dated December 31, 2019

- a. The notes on all the FIRM panels referenced year 2017 for the ortho imagery aerial. This is misleading flood data as flood data does not match the 2007 LiDAR topography used in risk mapping. Suggest either using a corresponding 2007 ortho imagery aerial for the FIRM panels or adding another note that indicates 2007 topography was used in the special flood hazard area mapping.
- b. Wrong street name Panel 12115C0362G –Road south of US 41 on the west side of the State College of Florida, is misnamed “*S. Tamiami Trl*”. This should be “*West Villages Parkway South*”.

► MEMORANDUM

To: Elizabeth Wong, P.E. (City of North Port)
From: Dave DeLoach, P.E.; Trillian Baldassari, P.E.

File: 16-00400-00

Subject: Update to Conceptual Plan

November 13, 2019

Update to Conceptual Plan

On October 29, 2019, the City of North Port directed DeLoach Engineering Science, PLLC (DES) to remove the Inflow Reduction element of the conceptual design from the set of planned improvements. The conceptual-level design drawings and corresponding models were updated to reflect this change, and the conceptual plan now includes the following major project components:

- Improvements to the existing retention ditch/conveyance system and upsizing road crossing culverts in the Dorothy Avenue area.
- Construction of a new bypass canal parallel to the Myakkahatchee Creek within a portion of the City's Tier 1 lots from south of Tropicaire Boulevard to north of Price Boulevard.
- Increasing conveyance capacity through canal widening and upsizing pipe culverts in the R-36 retention ditch/conveyance system along the northern and western boundary of the city.

Engineer's Opinion of Probable Cost

Estimated project costs were updated to reflect the removal of the inflow reduction element of the conceptual plan. As discussed in the Stormwater Management Plan Report (May 2019), estimated costs, including engineering design, permitting, and construction, are based on RS Means 2017 Heavy Construction Costs with national average values adjusted to the Ft Myers/Sarasota County area. Estimates include a 30% contingency and were projected to future years (up to 2035) assuming 4% inflation. Combined costs for each of those projections were annualized over 50 years at 7%.

Engineer's Opinion of Probable Construction Cost					
	2017	2020	2025	2030	2035
Dorothy (Triple Box Culvert)	\$ 5,628,495	\$ 6,331,291	\$ 7,702,984	\$ 9,371,858	\$ 11,402,298
R-36 Improvements	\$ 15,379,020	\$ 17,299,306	\$ 21,047,251	\$ 25,607,199	\$ 31,155,073
Bypass	\$ 17,121,876	\$ 19,259,782	\$ 23,432,470	\$ 28,509,182	\$ 34,685,779
Estimated Combined Cost	\$ 38,129,391	\$ 42,890,379	\$ 52,182,704	\$ 63,488,239	\$ 77,243,150
Estimated Annualized Cost*	\$ 2,762,850	\$ 3,107,830	\$ 3,781,151	\$ 4,600,348	\$ 5,597,027

* Combined cost annualized over 50 years at 7%, 13.8 PV Annuity Factor (capital cost only, excludes O&M)

Benefits and Benefit to Cost Ratio (BCR)

Benefits are based upon flood reduction achieved across a range of simulated storm events compared to the existing condition. For roadway removed from floodplain, benefits reflect avoidance of repair costs at a rate of \$50,000 per mile. For parcels removed from the floodplain, benefits reflect avoidance of \$6,300 per occurrence, based on historical NFIP claims statistics reduced by 85 percent to account for lot vacancy.

	With Inflow Reduction Element			Without Inflow Reduction Element		
	Flood Reduction (acres)	Road Flood Reduction (miles)	Parcels Reduction (centroid*)	Flood Reduction (acres)	Road Flood Reduction (miles)	Parcels Reduction (centroid*)
2.33-year	244	8	234	223	8	234
5-year	359	13	405	333	12	402
10-year	460	18	538	427	17	515
25-year	495	21	542	448	18	515
50-year	518	21	562	466	18	509
100-year	557	24	558	489	22	505

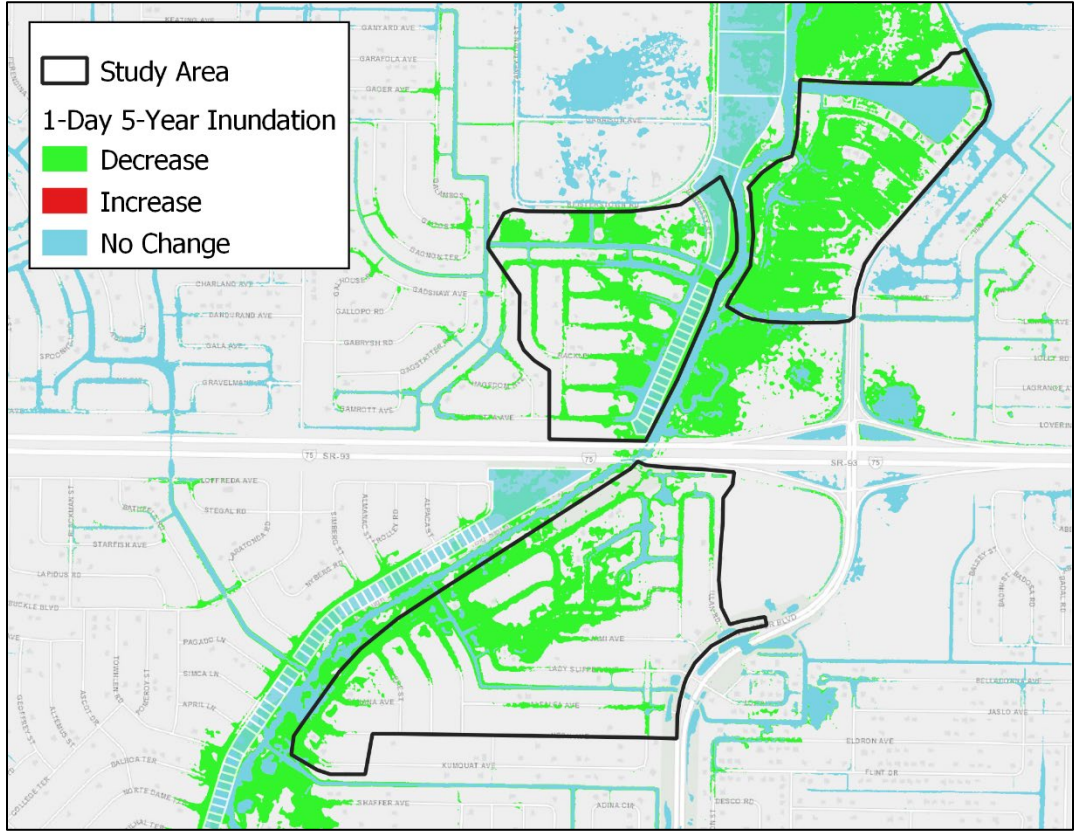
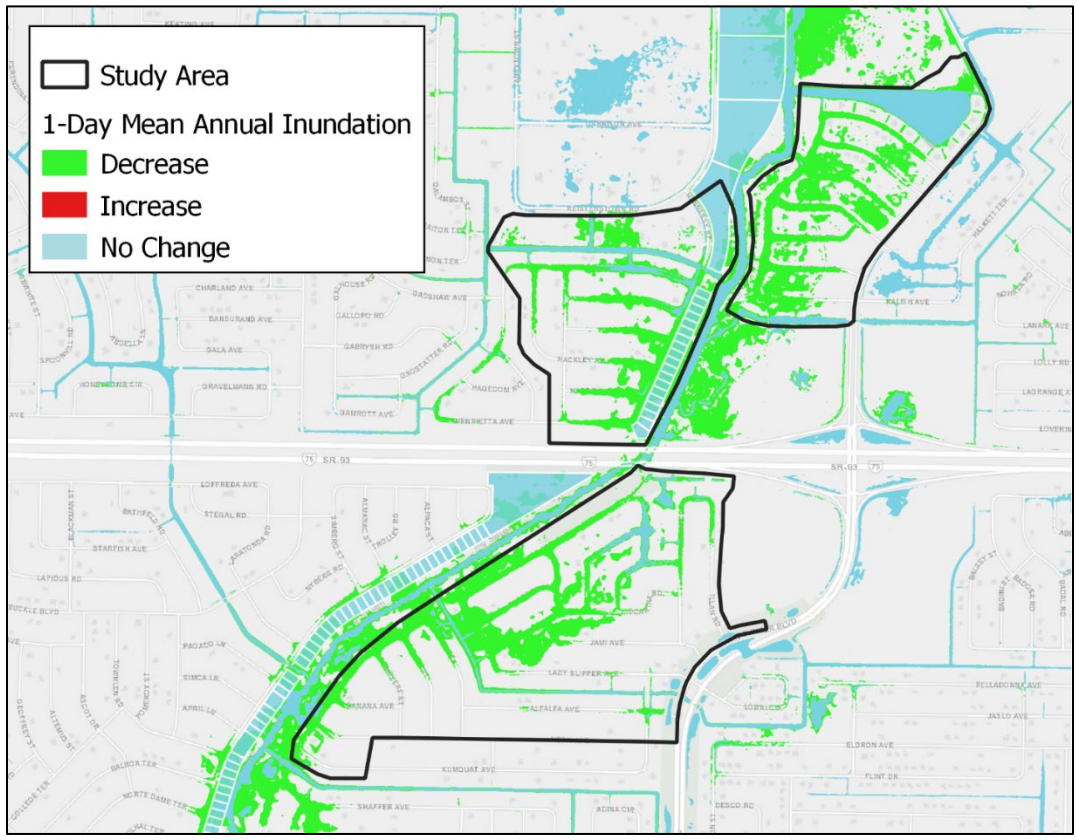
* number of parcels where the center of the parcel is no longer inundated

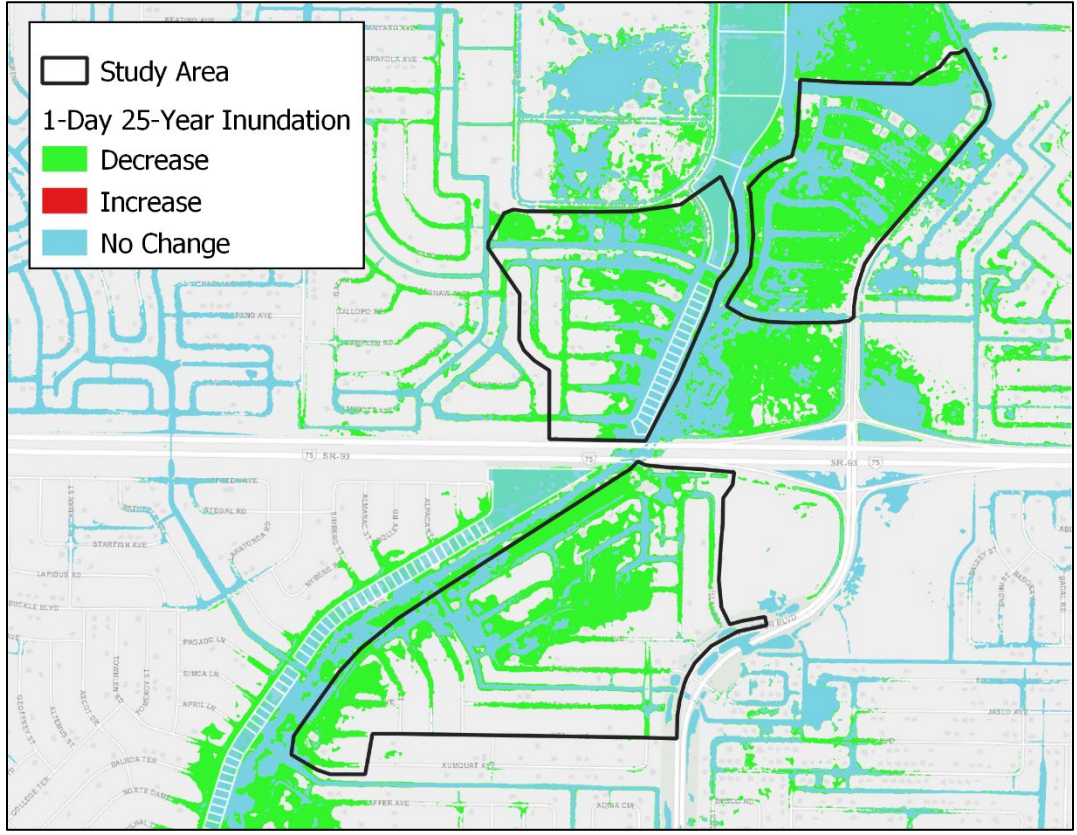
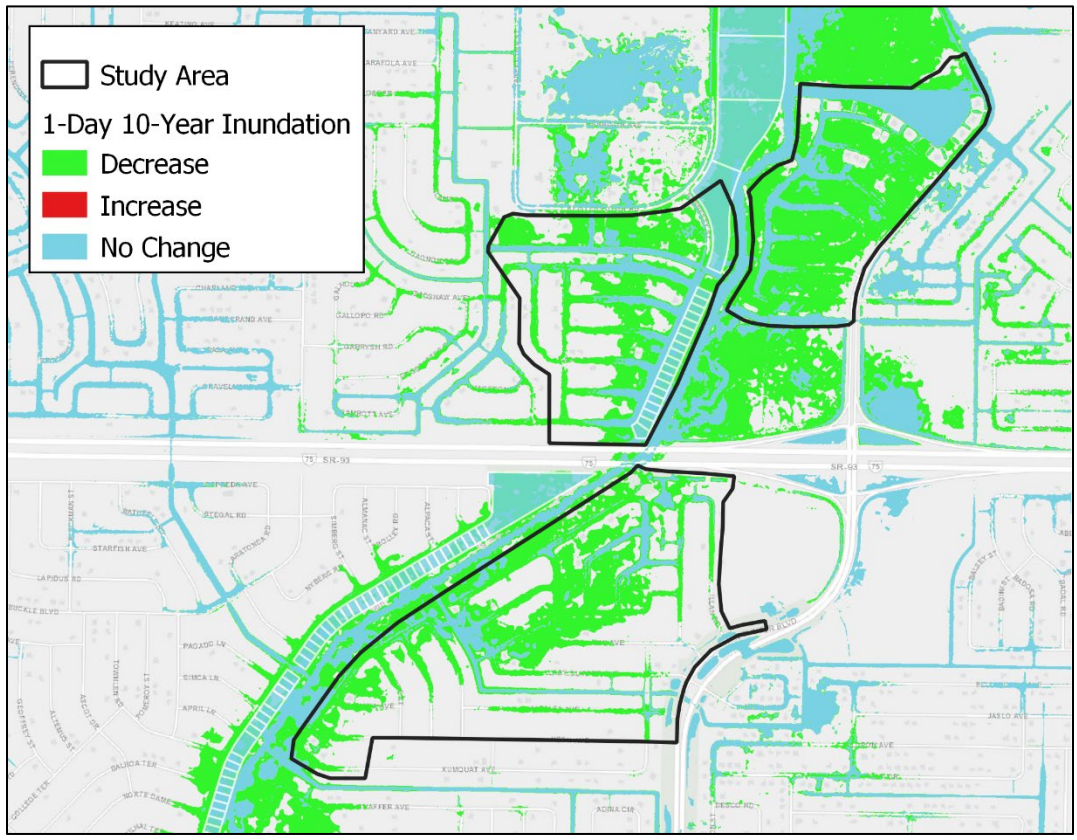
Annual benefit is calculated by multiplying total project benefits for a storm event simulation by the event probability then summing across events simulated. In the case of the revised stormwater management plan, annualized benefits accrue to \$1,909,295 with a BCR of 69 percent (calculations included in Appendix A).

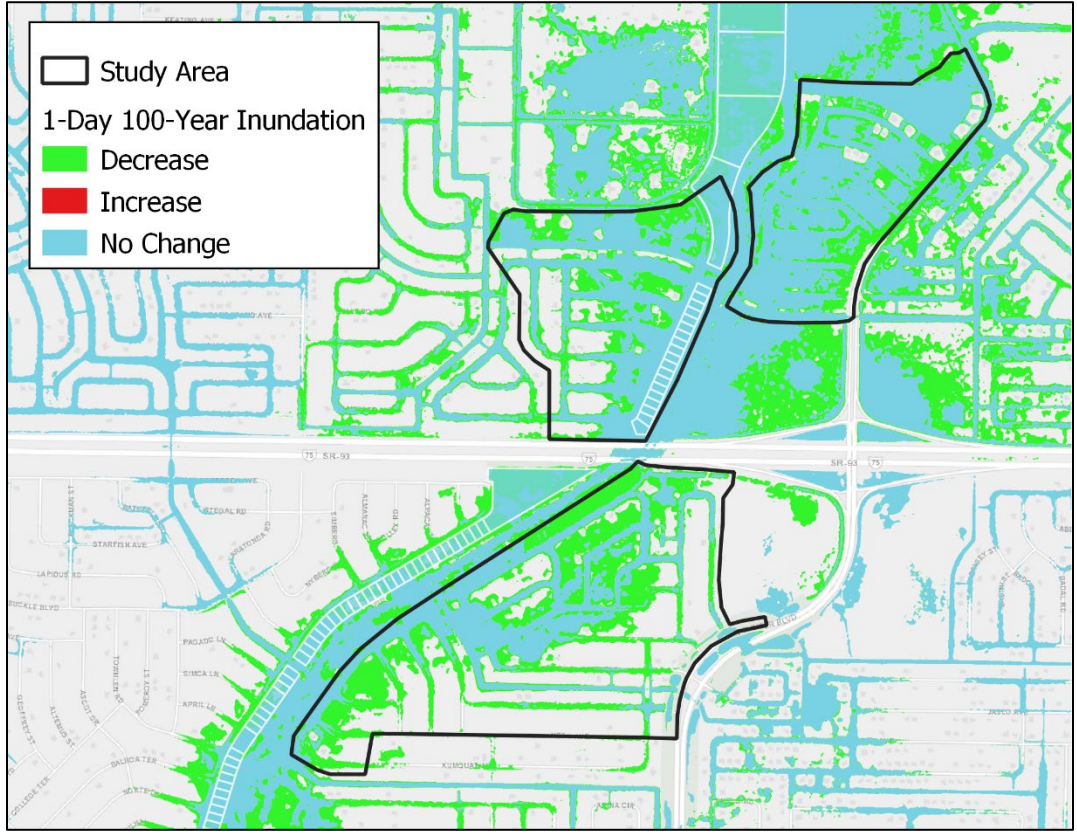
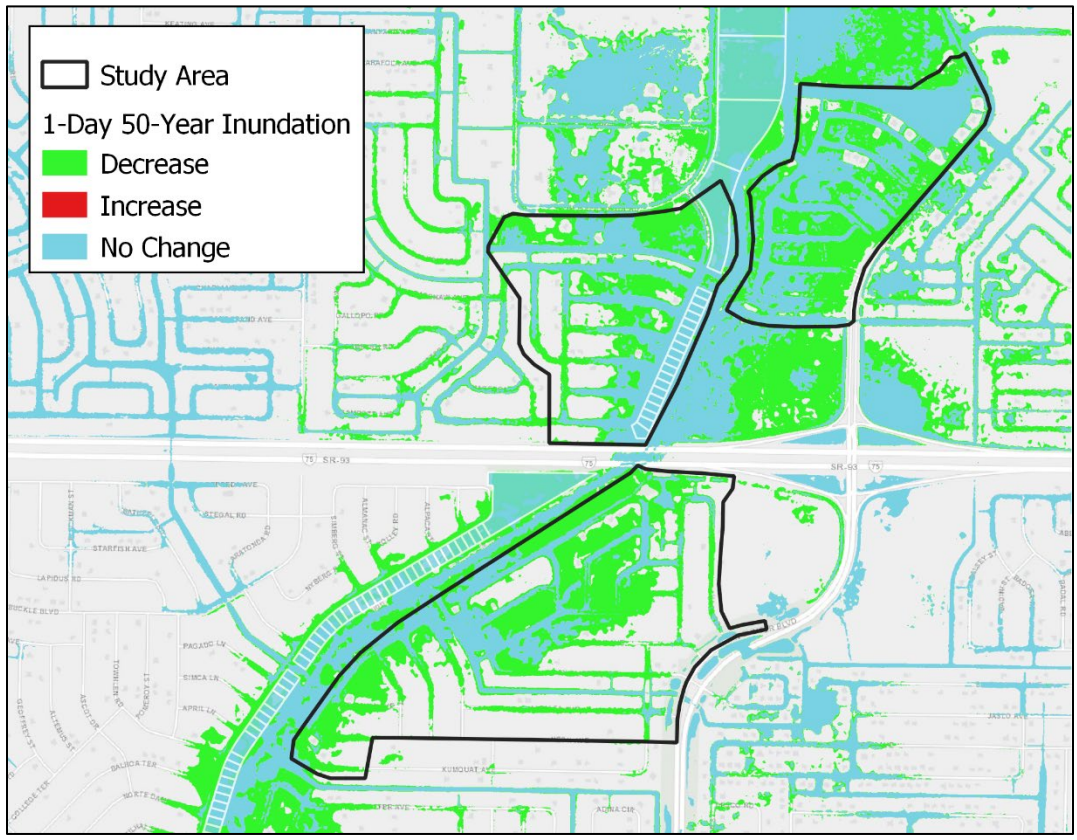
Flood Area Reduction in the I-75 Study Area

The following figures illustrate the reduced extent of inundation in the I-75 study area for Mean Annual through 100-year storm events for the updated stormwater management master plan model, excluding the inflow reduction option.

The conceptual plan focuses on improvements to primary components of the stormwater management system to reduce large-scale regional flooding in the City of North Port. Adjacent areas where minor increases may result from primary system improvements have been identified. Appurtenant facilities may be required to eliminate local increases in some isolated areas. It is understood that design of additional facilities (not yet specified) may be included in future applications for phased construction, including, but not limited to, addition of flap gates, local collection system modifications, and/or construction of storage areas to eliminate local impacts from small stage increase in the primary system, if any.



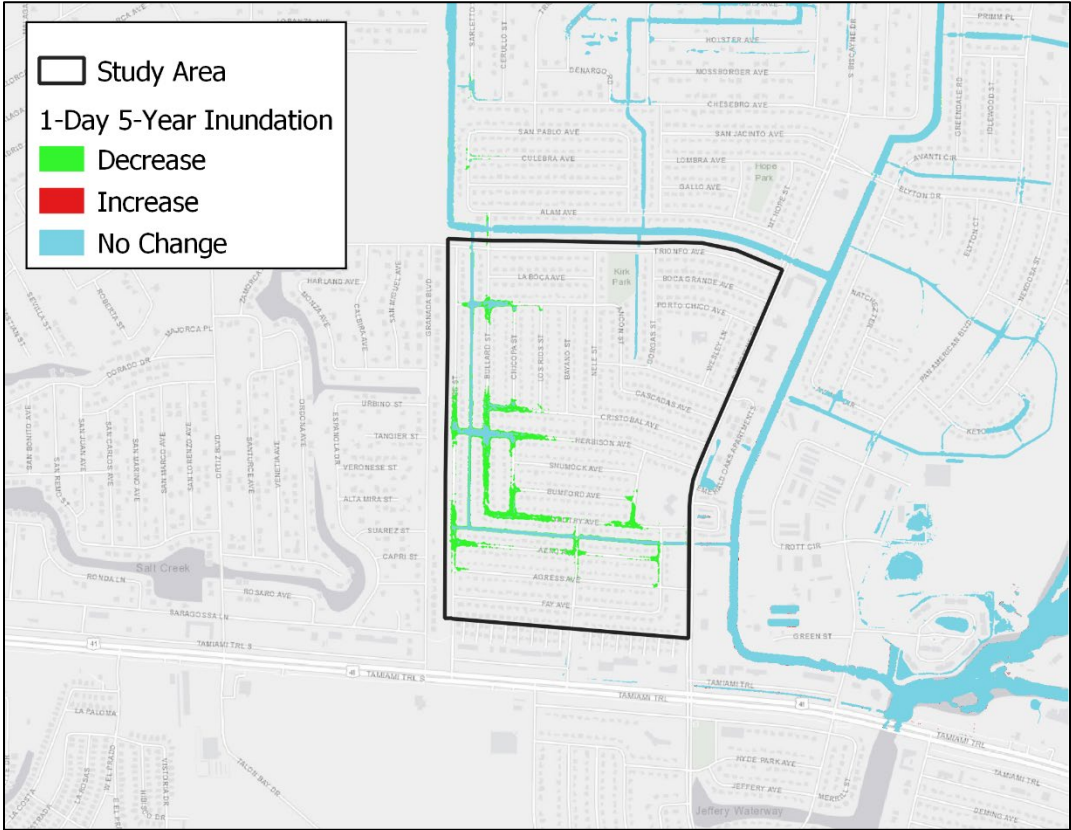
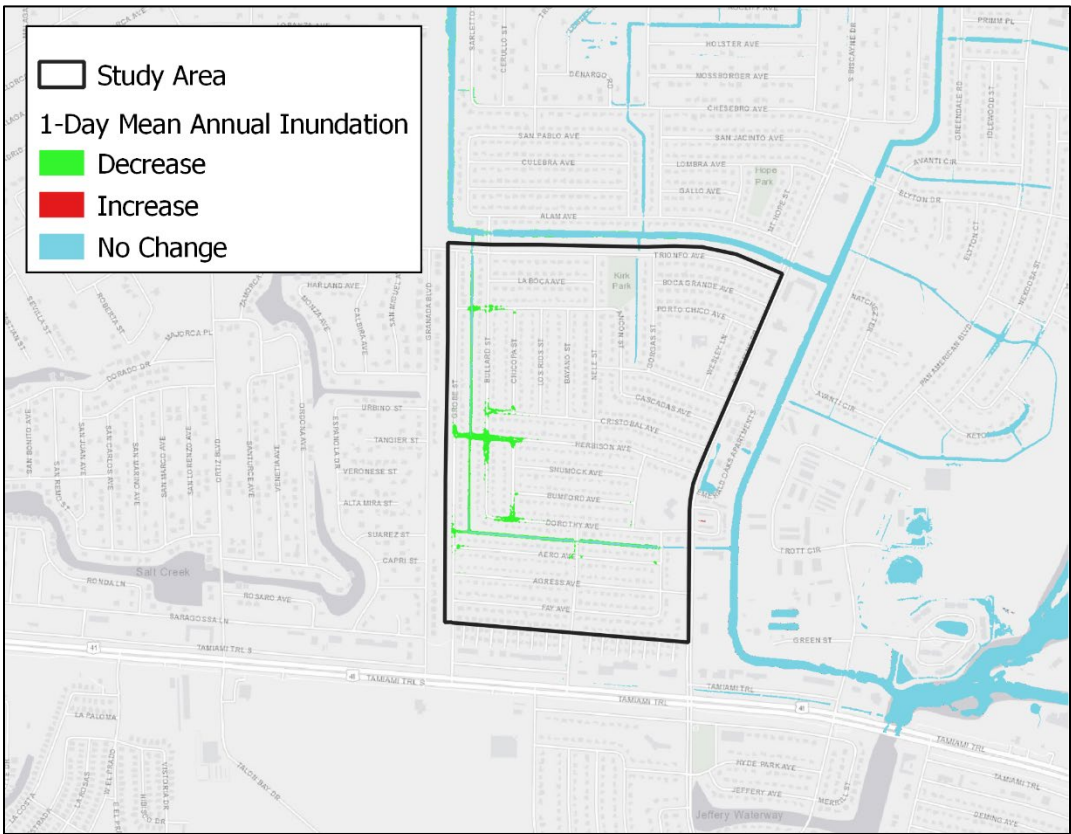


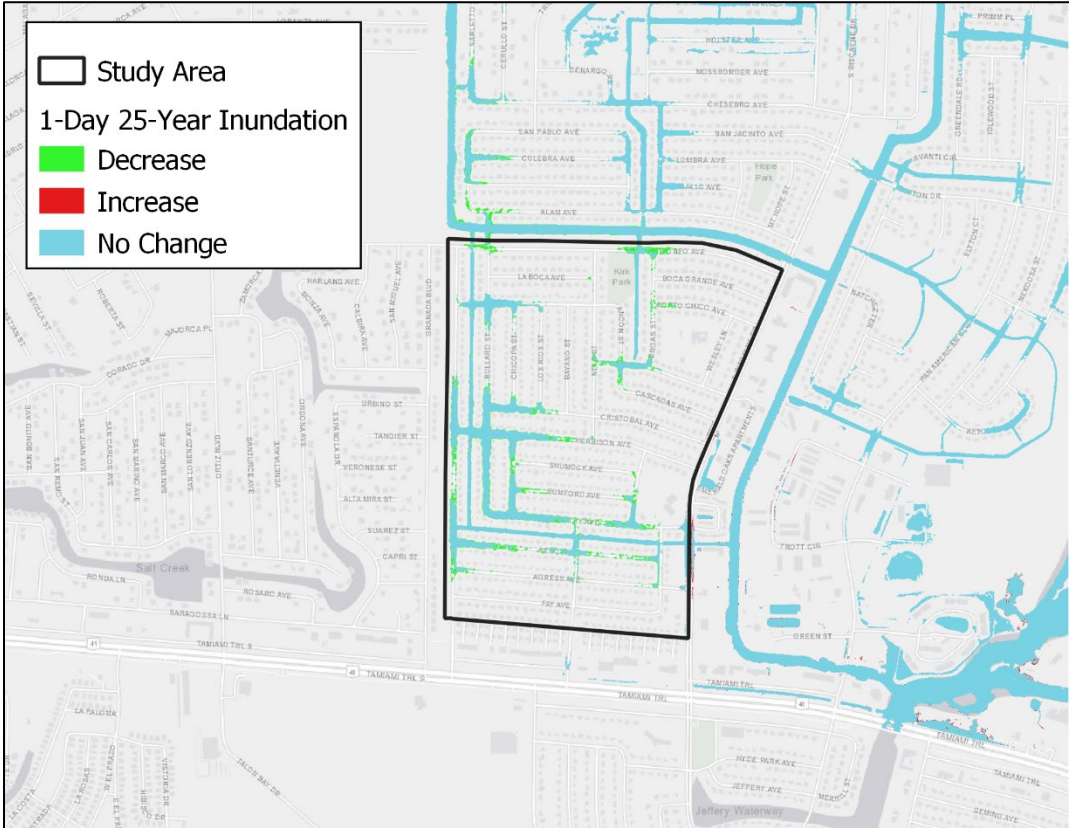
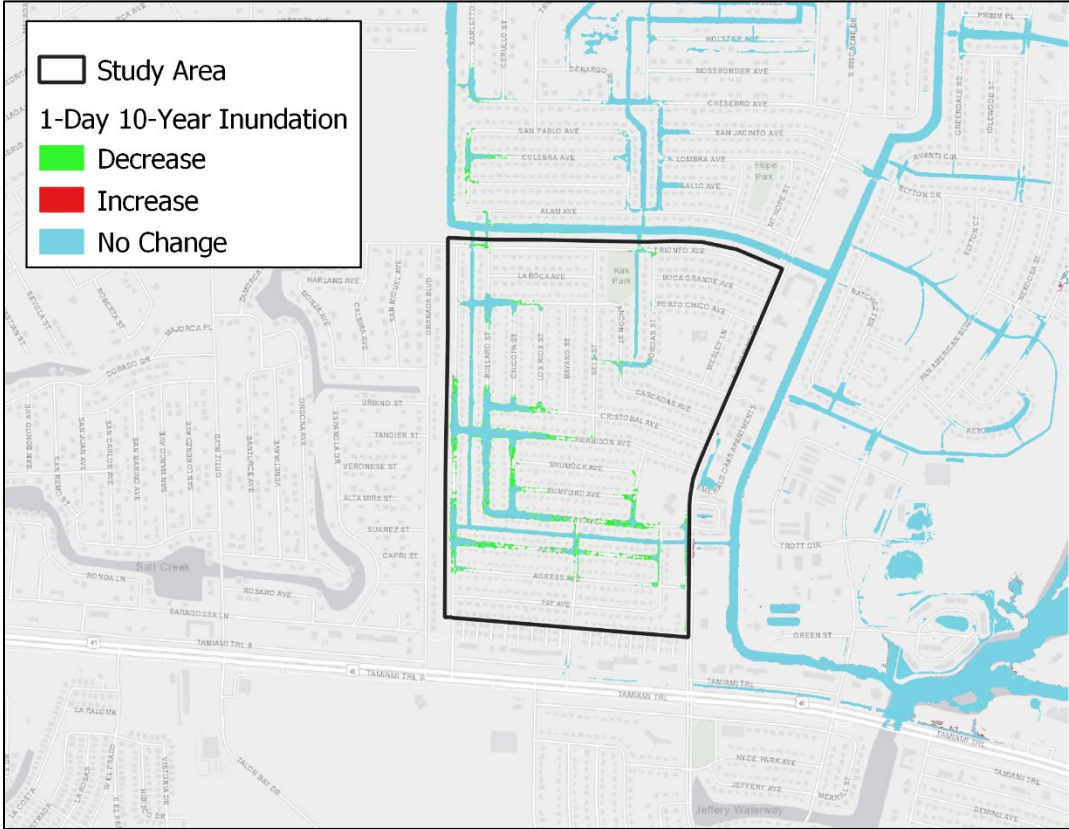


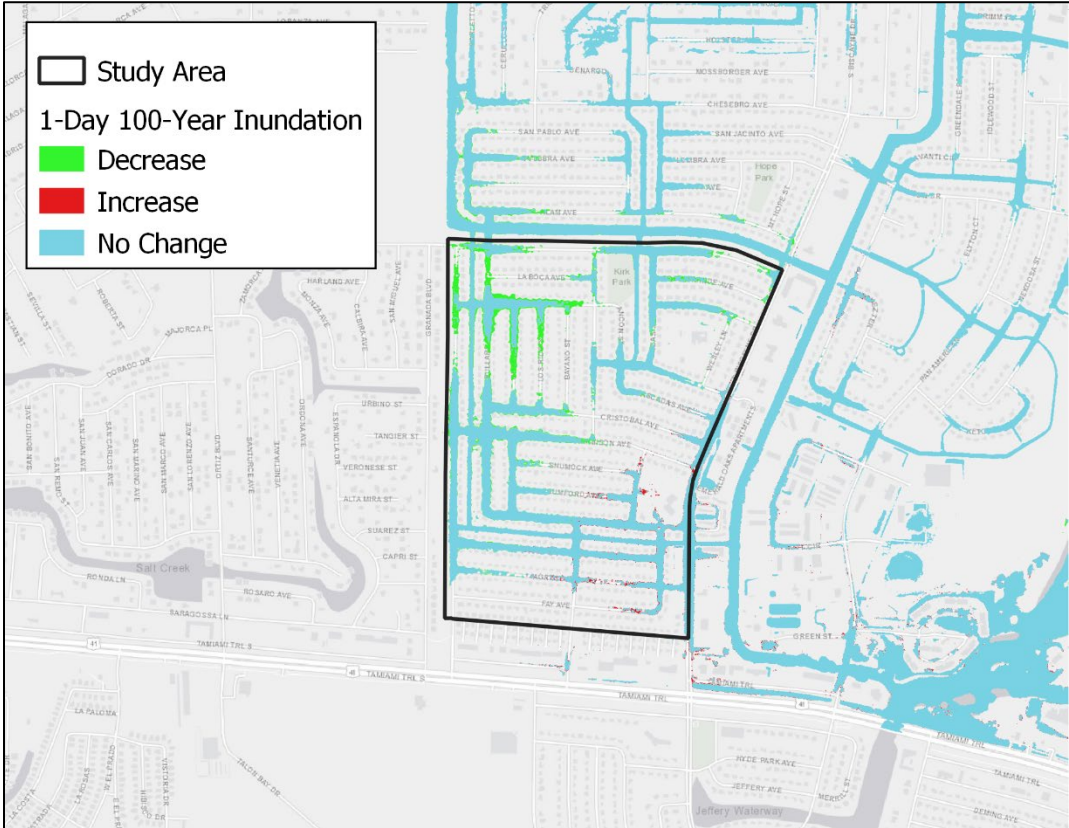
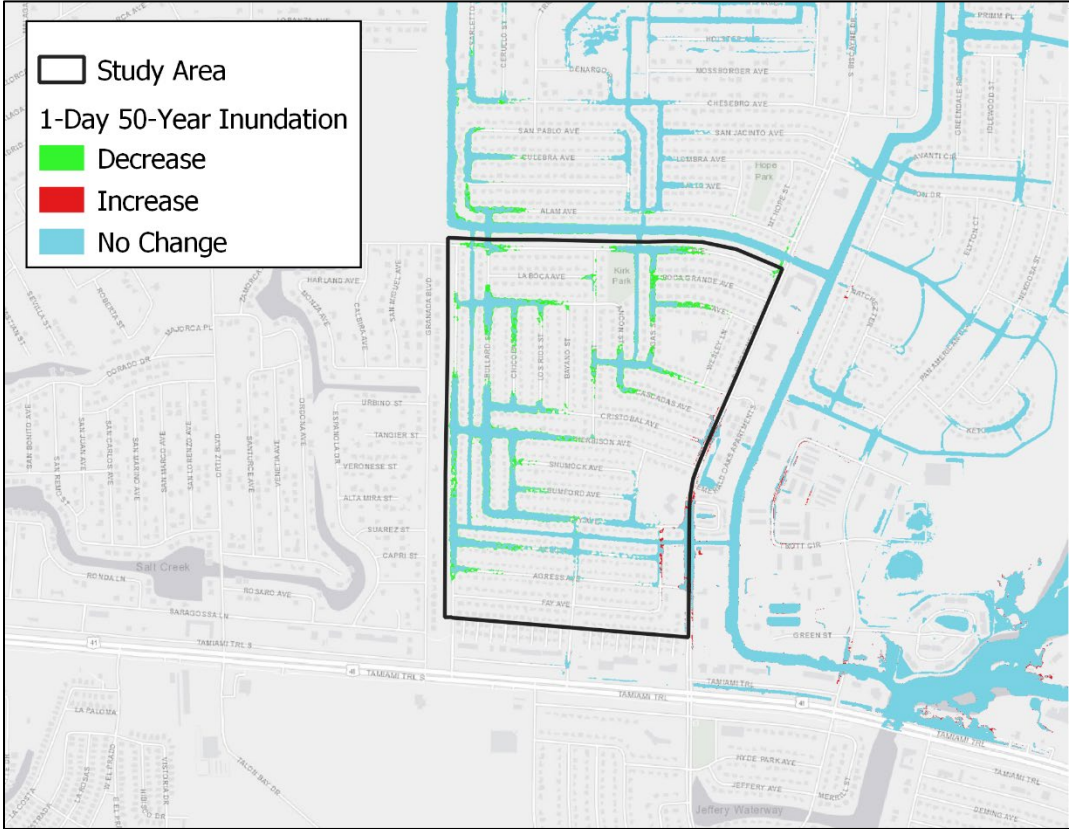
Flood Area Reduction in the Dorothy Avenue Study Area

The following figures illustrate the reduced extent of inundation in the Dorothy Avenue study area for Mean Annual through 100-year storm events for the updated stormwater management master plan model, excluding the inflow reduction option.

The conceptual plan focuses on improvements to primary components of the stormwater management system to reduce large-scale regional flooding in the City of North Port. Adjacent areas where minor increases may result from primary system improvements have been identified. Appurtenant facilities may be required to eliminate local increases in some isolated areas. It is understood that design of additional facilities (not yet specified) may be included in future applications for phased construction, including, but not limited to, addition of flap gates, local collection system modifications, and/or construction of storage areas to eliminate local impacts from small stage increase in the primary system, if any.







Appendix A
Benefit Cost Ratio Calculations

Drainage Improvement Components and Probable Construction Costs

Project Components	Existing		Full Plan	
	101	104B	101	104B
Existing Condition*	x	x	-	-
Dorothy (Single Box Culvert)	-	-	-	-
Dorothy (Triple Box Culvert)	-	x	-	-
R-36 Improvements	-	x	-	-
Bypass (flowway, n = 0.040)	-	x	-	-
Bypass (wetland, n = 0.150)	-	-	-	-
Reduce Northern Inflows	-	-	-	-
Other Planned Improvements	-	-	-	-
Estimated Combined Cost	\$ -	\$ -	\$ 38,129,391	\$ -
Estimated Annualized Cost	\$ -	\$ -	\$ 2,762,850	\$ -

Engineer's Estimate of Probable Construction Cost (by Component)

Existing Condition	\$ -
Dorothy (Single Box Culvert)	\$ 1,299,000
Dorothy (Triple Box Culvert)	\$ 5,628,495
R-36 Improvements	\$ 15,379,020
Bypass (flowway, n = 0.040)	\$ 17,121,876
Bypass (wetland, n = 0.150)	\$ 20,546,251
Other Planned Improvements	\$ 2,000,000

1.2 = multiplier on Bypass cost to create wetland

7% Interest Rate
50 Number of Years
13.800746 Present Value Annuity Factor
(Considers capital cost only, no annual maint., etc.)

Flood Area Reduction and Cost (\$1000 per acre removed)

Flood Area (acres)	2.33-year		5-year		10-year		25-year		50-year		100-year	
		7891	7668	9076	8744	10342	9915	11094	10647	11898	11432	13366
Flood Reduction (acres)	-	223	-	332	-	427	-	447	-	466	-	489
Cost \$1000/ac removed	-	\$171	-	\$115	-	\$89	-	\$85	-	\$82	-	\$78

Estimates of Benefits and BCR - Road Flood Reduction

Flooded Road (feet)	2.33-year		5-year		10-year		25-year		50-year		100-year	
		83668	43056	196065	131741	417032	326657	597989	501959	828185	730820	1246274
Road Flood Reduction (miles)	-	7.7	-	12.2	-	17.1	-	18.2	-	18.4	-	22.0
Cost \$1000/mi removed	-	\$4,957	-	\$3,130	-	\$2,228	-	\$2,096	-	\$2,068	-	\$1,735

Est. Annualized Benefit (A) \$ 364,339
Est. Benefit/Cost Ratio (BCR) 0.13

Lit Review	North Port Bond	Miles	\$/mile	\$/LF	\$/LF 2-Ln Rd
	\$ 46,000,000.00	266	\$ 172,932	\$ 32.75	\$ 65.50

(RS Means vs Bond)	RS Means	planing and cleansing	\$	1.53	32.01	16.71	5200
	RS Means	grooving	\$	1.01	32.01	16.71	5350
	RS Means	paving	\$	19.00	3212	16.19	0200
	width	SY	\$/SY	Cost	\$/mile		
		15	2340800	\$ 21.54	\$ 50,420,832.00	\$	189,552.00

other sources for range
\$ 120,000 per mile asphalt repaving \$ 23 per LF
\$ 350,000 per mile asphalt repaving \$ 66 per LF

USE:
\$200,000 per mile flood removed 4 no. flood events between repair
\$50,000 Average benefit (or damages averted) per mi of 2-ln roadway
0 Est revenue revenue generated by change in property's flood frequency status

Assume: \$50,000 Roadway Benefit per mile per Flood Avoided

Estimates of Benefits and BCR - Parcels Flooded Reduction (touch)

Flooded Parcels (touch)	2.33-year		5-year		10-year		25-year		50-year		100-year	
		7780	6960	12373	11303	18134	17073	21844	20817	25887	24788	32011
Parcels Reduction (touch)	-	820	-	1070	-	1061	-	1027	-	1099	-	1175
Cost \$1000/parcel removed	-	\$46	-	\$36	-	\$36	-	\$37	-	\$35	-	\$32

Est. Annualized Benefit (B) \$ 148,337
Est. Benefit/Cost Ratio (BCR) 0.05

Assume: (For partially impacted lots)
\$ 250.00 Per Parcel Benefit per Flood Avoided

250 Average benefit (or damages averted) per parcel per event
0 Est TAX revenue generated by change in property's flood frequency status

Estimates of Benefits and BCR - Parcels Flooded Reduction (centroid)

Flooded Parcels (centroid)	2.33-year		5-year		10-year		25-year		50-year		100-year	
		783	549	1091	689	1399	884	1580	1065	1799	1290	2408
Parcels Reduction (centroid)	-	234	-	402	-	515	-	515	-	509	-	505
Cost \$1000/parcel removed	-	\$163	-	\$95	-	\$74	-	\$74	-	\$75	-	\$76

Est. Annualized Benefit (C) \$ 1,396,620
Est. Benefit/Cost Ratio (BCR) 0.51

Assume: (For fully inundated lots)
\$ 6,300.00 Average Per Parcel Benefit per Flood Avoided

42000 Ave Flood Claim 2008-2012 (FEMA, 2017) 15% Adj down from Ave Flood Claim
Adjust down to account for vacant lots

6300 Add'l average benefit (or damages averted) per parcel per event for Centroid Inundated
0 Est tax revenue revenue generated by change in property's flood frequency status

Typ Home Value: 0 > 0 assumes conversion to occupied lot
Millage: 15.4017 Total (0 or \$150,000)
11.9947 Countywide NPT
3.407 NPT

0 est. non-ad velorem (0 or \$ 540)

	Flood Reduction (acres)	Road Flood Reduction (miles)	Parcels Reduction (centroid)
2.33-year	223	7.7	234
5-year	333	12.2	402
10-year	427	17.1	515
25-year	448	18.2	515
50-year	466	18.4	509
100-year	489	22.0	505

4.0% 13.800746

Engineer's Estimate of Probable Construction Cost (Based on RS Means 2017, with costs projected at 4% inflation)

	2017	2020	2025	2030	2035
Dorothy (Triple Box Culvert)	\$ 5,628,495	\$ 6,331,291	\$ 7,702,984	\$ 9,371,858	\$ 11,402,298
R-36 Improvements	\$ 15,379,020	\$ 17,299,306	\$ 21,047,251	\$ 25,607,199	\$ 31,155,073
Bypass (flowway, n = 0.040)	\$ 17,121,876	\$ 19,259,782	\$ 23,432,470	\$ 28,509,182	\$ 34,685,779
Estimated Combined Cost	\$ 38,129,391	\$ 42,890,379	\$ 52,182,704	\$ 63,488,239	\$ 77,243,150
Estimated Annualized Cost*	\$ 2,762,850	\$ 3,107,830	\$ 3,781,151	\$ 4,600,348	\$ 5,597,027

* Combined construction cost annualized over 50 years at 7%, 13.8 PV Annuity Factor (capital cost only, excludes O&M)

Preliminary Estimate of Acquisition Cost

	2019	2020	2025	2030	2035
Estimated Property Value*	\$ 4,325,200	\$ 4,498,208	\$ 5,472,758	\$ 6,658,447	\$ 8,101,018
Estimated Annualized Cost**	\$ 313,403	\$ 325,939	\$ 396,555	\$ 482,470	\$ 586,999

* Combined "Just Value" of properties inundated 50% or more by flooding from the 10-year 24-Hour Storm Event



ACQUISITION OF FLOODED PROPERTIES IN BIG SLOUGH FLOOD STUDY AREA

**City of North Port
Commission
Workshop
December 2, 2019**



Slide 1

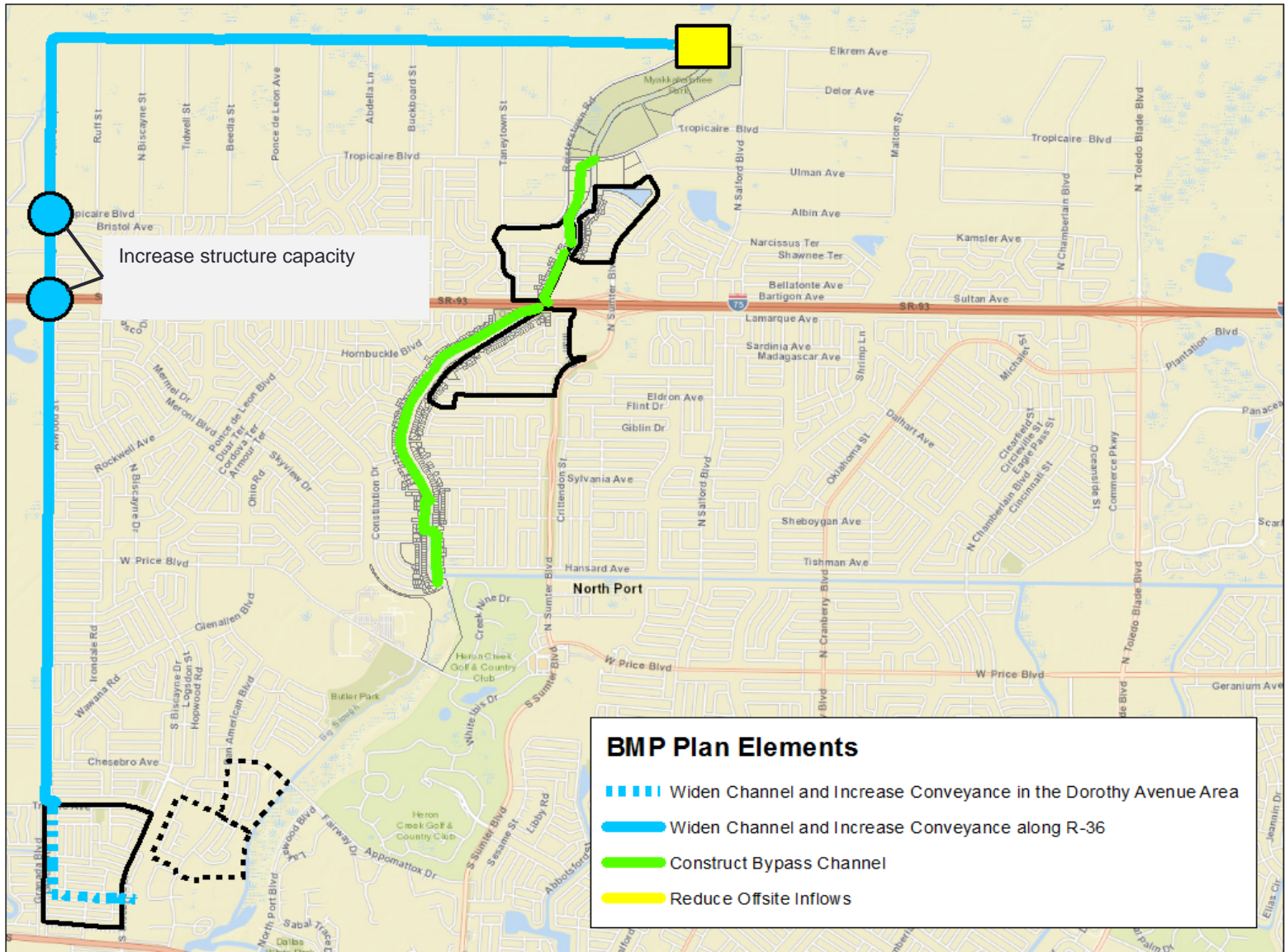
Exhibit 8-9 Page 1

510-1 Page 48

Purpose of Workshop

- Review Commission direction from the March 4, 2019, Commission Workshop on Big Slough Flood Reduction Study.
- Discuss acquisition of flooded properties.
- Discuss available grant funding.
- Discuss priorities of property acquisition.

Recap of Consultant's Recommended Plan Components in March 4, 2019, Workshop



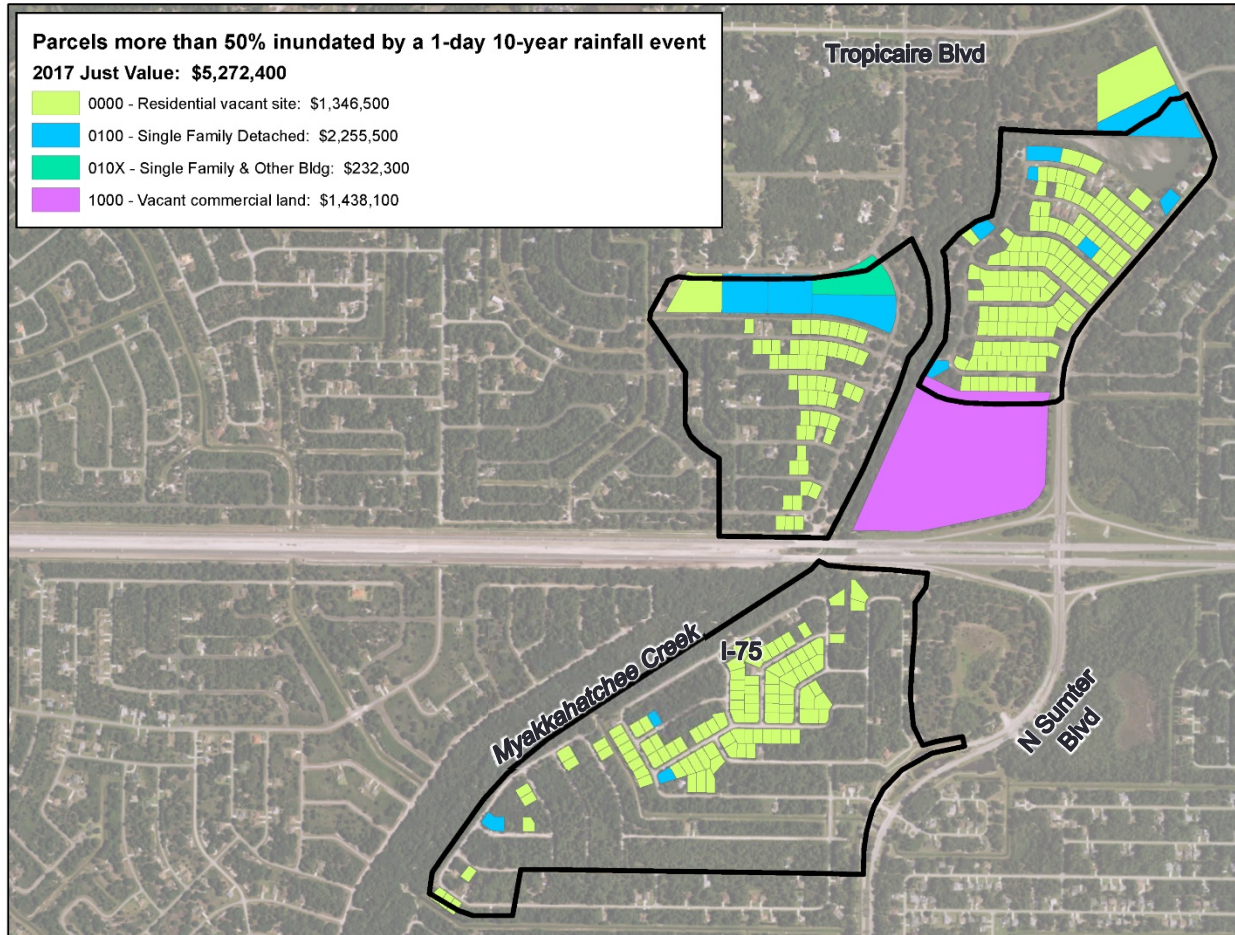
Recap of Consultant's Engineer's Opinion of Probable Cost in March 4, 2019, Workshop

	Engineer's Estimate of Probable Construction Cost (Based on RS Means 2017, with costs projected at 4% inflation)				
	<u>2017</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>
Dorothy (Triple Box Culvert)	\$ 5,628,495	\$ 6,331,291	\$ 7,702,984	\$ 9,371,858	\$ 11,402,298
R-36 Improvements	\$ 15,379,020	\$ 17,299,306	\$ 21,047,251	\$ 25,607,199	\$ 31,155,073
Bypass (flowway, n = 0.040)	\$ 17,121,876	\$ 19,259,782	\$ 23,432,470	\$ 28,509,182	\$ 34,685,779
Reduce Northern Inflows	\$ 2,575,105	\$ 2,896,643	\$ 3,524,209	\$ 4,287,739	\$ 5,216,690
Estimated Combined Cost	\$ 40,704,496	\$ 45,787,022	\$ 55,706,913	\$ 67,775,978	\$ 82,459,840
Estimated Annualized Cost*	\$ 2,949,442	\$ 3,317,721	\$ 4,036,515	\$ 4,911,037	\$ 5,975,028

** Combined construction cost annualized over 50 years at 7%, 13.8 PV Annuity Factor (capital cost only, excludes O&M)*

RS Means Heavy Construction Costs, adjusted to Ft Myers/Sarasota County area, for engineering design, permitting and construction with 30% contingency.

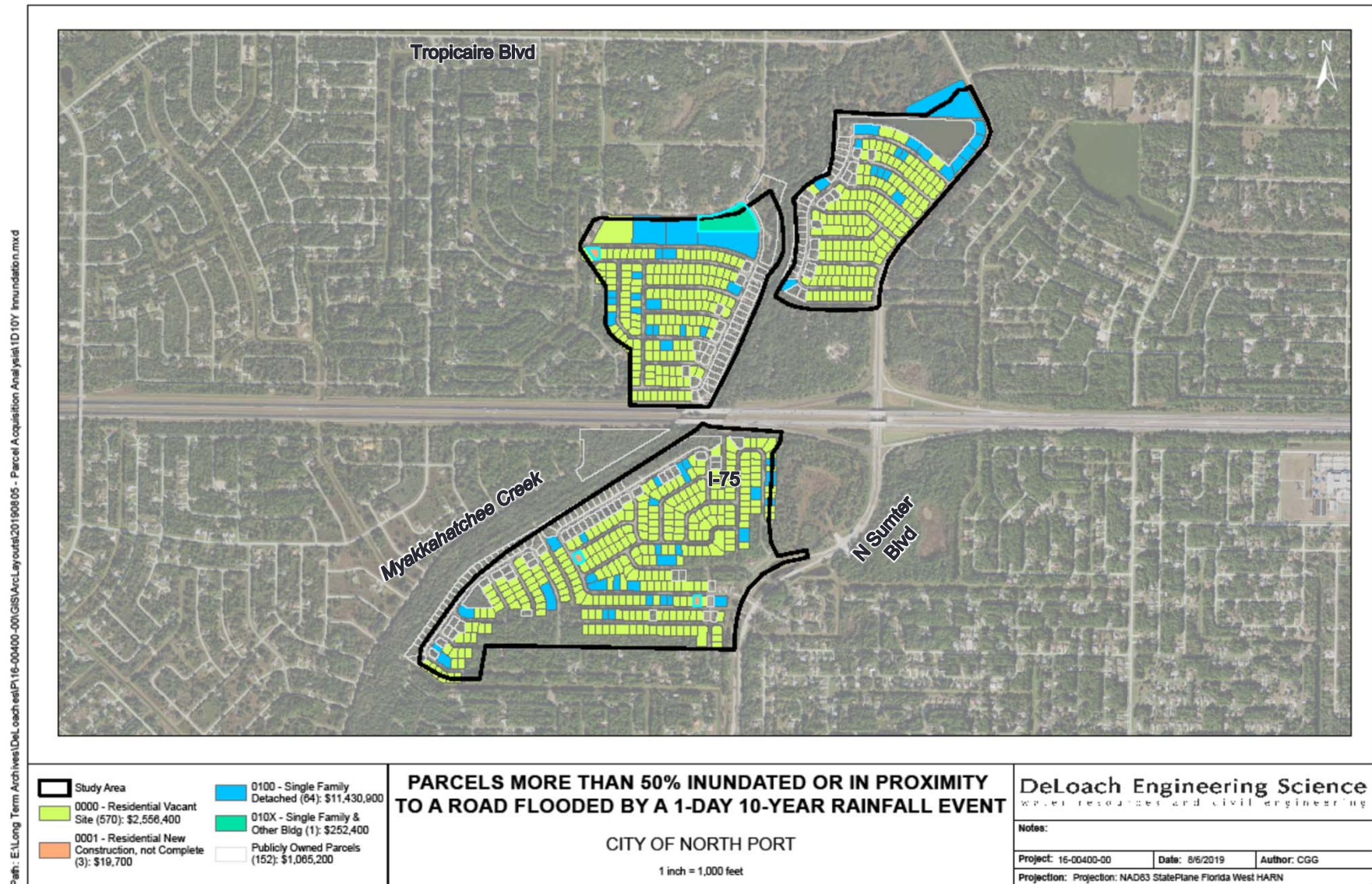
March 4, 2019, Workshop – Flooded Properties Based on 50% Inundated by a 1-day 10-year Rainfall



Preliminary Estimate of Acquisition Cost (Based on Sarasota County Property Appraiser 2017, projected at 4% inflation)					
	2017	2020	2025	2030	2035
Estimated Property Value*	\$ 5,272,400	\$ 5,930,733	\$ 7,215,643	\$ 8,778,934	\$ 10,680,915
Estimated Annualized Cost**	\$ 382,037	\$ 429,740	\$ 522,844	\$ 636,120	\$ 773,937

* Combined "Just Value" of properties inundated 50% or more by flooding from the 10-year 24-Hour Storm Event
 ** Cost annualized over 50 years at 7%, 13.8 PV Annuity Factor (estimated acquisition cost only)





Update Based on Flood Properties 50% Inundated by a 1-day 10-year Rainfall and Include Parcels Along Flooded Streets



Flooded Properties Acquisition Costs

April 4, 2019 - Just Values of Properties

- 50% flooded in a 1-day 10-year Storm Event.
- Along flooded roadway.

Legend	Parcel Type	No. of Parcels	April 4, 2019 Just Value
	Residential Vacant	570	\$2,556,400
	Residential Single Family Home	64	\$11,430,900
	Residential New Construction, Not Complete	3	\$19,700
	Single Family & Other Building	1	\$252,400
	Total	638	\$14,259,400

Consultant Cost for Acquisition

- Include property information reports (title searches) and appraisals for the single family homes.
- Does not include eminent domain condemnation efforts.

Consultant Activity	Cost Estimate August 2019
Property Information Reports (Title Searches)	\$319,000
Land Acquisition Negotiations	\$2,552,000
Appraisal	\$100,000
Closings	\$200,000
Total	\$3,171,000

Slide 7

Grant Funding

- Florida Communities Trust (FCT)

<https://floridadep.gov/lands/land-and-recreation-grants/content/fct-florida-communities-trust-home>

- FDEP administered program with funding from Florida Forever proceeds.
- Provides funding to local governments and eligible nonprofit organizations to acquire land for parks, open space, greenways.

- Trust for Public Lands (TPL)

<https://www.tpl.org/>

- TPL helps structure, negotiate, and complete land transactions that create parks, playgrounds, and protected natural areas.
- TPL buy land from willing landowners and then transfers it to public agencies, land trusts, or other groups for permanent protection.

- Federal Emergency Management Agency Hazard Mitigation Grant Program (HMGP)

<https://www.fema.gov/hazard-mitigation-grant-program>

- Following Presidential Major Disaster Declaration, HMGP grants may be available to individuals, businesses and private nonprofits via local governments to purchase property that has been subject to or is in danger of repetitive damage.

Discussion / Recommendations

- Continue with the Myakkahatchee Creek blockage removal efforts.
- After completing creek blockage removal project, re-evaluate the need to acquire properties after two or three rainy seasons.
- Continue flow channel maintenance efforts of creek, canals, retention ditches and roadside swales.
- Install “**Road Subject to Flooding**” signs at key locations.
- Prioritize acquisition of vacant lots within Study area.
 1. Vacant parcels nearest to Myakkahatchee Creek along flooded streets. Negotiate first with willing sellers.
 2. Vacant parcels 50% inundated in 1-day 10-year storm.
- Same priority as above except add acquisition of parcels with constructed homes ?
- Pursue grant funding for property acquisition.




City of North Port
DEPARTMENT OF PUBLIC WORKS
Office: 941.240.8050
Fax: 941.240.8063



MEMORANDUM

TO: Jason Yarborough, ICMA-CM, Acting City Manager

THROUGH: Cari Branco, Assistant City Manager

FROM: Juliana B. Bellia, Director 

SUBJECT: Item No. 246: Financial Impact of Removing Suggested Purchase Properties with the Big Slough Flood Study Area from Tax Roll

DATE: September 4, 2020

During the City Commission Workshop held on December 2, 2019, staff was directed to provide the financial impact of removing suggested purchased properties within Big Slough Flood Study area from tax roll, provide map of locations along creek where our Operations personnel will be removing creek blocks, and investigate available property for possible "property swap."

FINANCIAL IMPACT TO THE TAX ROLL OF REMOVED LOTS

The Big Slough Flood Reduction Study identified a total of 647 properties/lots within the Study area near the Myakkahatchee Creek and I-75 bridge that will be subject to flooding for the 10-year, 25-year and 100-year storm events. The following provides a breakdown of the 647 affected properties:

- Vacant single-family lots: 579
- Lots developed with single family residences: 65
- Lots in the construction process for single-family residences: 3

The financial impact of removing these lots from the tax roll was determined utilizing 2019 data from the websites of the Sarasota County Tax Collector and the Sarasota County Property Appraiser. The financial impacts only include the City of North Port mileage portion and the Non-Ad Valorem Assessments for the Fire Rescue District, Road and Drainage District, Solid Waste District and Capital Road Bond.

Jason Yarborough, ICMA-CM, Acting City Manager
September 4, 2020
Page Two

Based on the 2019 data included in the Sarasota County Tax Collector's website, the financial impact of removing all the lots subject to flooding and highlighted by the Big Slough Flood Reduction Study will total approximately \$272,500.00 per year. (See Attachment 1).

MAP DELINEATING MYAKKAHATCHEE CREEK BLOCKAGES

The Myakkahatchee Creek Blockage Removal Project typically takes place in the dry season between the months of December and May. The blockages have been identified and are delineated on a map. (See Attachment 2).

The direct pathway to each blockage has not yet been determined and therefore are not delineated on the attached map. Staff is currently evaluating potential pathways/access points to determine the alternatives that will have the least environmental impact.

Prior to the start of the Myakkahatchee Creek Blockage Removal Project, environmental surveys of the selected pathways/access points will be completed, and the entire Project Plan will be presented to the Commission.

AVAILABLE CITY-OWNED PROPERTY FOR POTENTIAL "PROPERTY SWAP"

The City of North Port currently owns a total of 554 single family residential lots within the City limits that can be considered for a property swap with the vacant single family lots included in the Big Slough Flood Reduction Study.

Should you have any questions, or desire any additional information, please do not hesitate to contact me.

JBB/jbb

Attachments:

- 1) Spreadsheets for Breakdown of Taxes and Assessments
- 2) Map Delineating Myakkahatchee Creek Blockages

Cc: PW Electronic File
Gerardo Traverso, P.E., P.M.P., Engineering Manager
Chuck Speake, Operations and Maintenance Manager
Frank Miles, MPA, Director, Department of Neighborhood Development Services

Attachment 1

RESIDENTIAL LOTS CONSTRUCTION STARTED BUT NOT COMPLETED TO DATE

	Account	Owner Name	2019 Ad-Valorem			2019 Non Ad-Valorem				Total
			Ass/Tax Value	Millage Rate-City	Total Tax	Fire & Rescue	Road & Drainage	Capital Road Bond	Solid Waste	
1	954142463	MAKSIMCHUK VASILYI	\$4,246.00	3.8735	\$16.45	\$85.66	\$171.56	\$46.00	\$245.00	\$564.67
2	953152605	HOMES MADE POSSIBLE HOMES LLC	\$3,171.00	3.8735	\$12.28	\$85.66	\$171.56	\$46.00	\$0.00	\$315.50
3	954142701	TERRA CORAL LLC	\$4,392.00	3.8735	\$17.01	\$85.66	\$171.56	\$46.00	\$245.00	\$565.23

\$45.74 \$256.98 \$514.68 \$138.00 \$490.00

Totals \$1,445.40 \$1,445.40

Total all Properties. **\$265,635.69**

SINGLE DETACHED HOMES

	Account	Owner Name	2019 Ad-Valorem			2019 Non Ad-Valorem				Totals
			Ass/Tax Value	Millage Rate-City	Total Tax	Fire & Rescue	Road & Drainage	Capital Road Bond	Solid Waste	
1	942153204	FOLLMER RAYMOND	\$175,299.00	3.8735	\$679.02	\$310.28	\$171.56	\$46.00	\$245.00	\$1,451.86
2	942080003	PARFENCHUK RUTH A	\$188,691.38	3.8735	\$730.90	\$333.98	\$171.56	\$46.00	\$245.00	\$1,527.44
3	954142913	SCHIAU SERGHEI	\$173,787.77	3.8735	\$673.17	\$307.60	\$171.56	\$46.00	\$245.00	\$1,443.33
4	942080002	HARRIS DEWEY R	\$211,473.86	3.8735	\$819.14	\$374.31	\$171.56	\$46.00	\$245.00	\$1,656.01
5	954142926	HAYES CORY ALLEN	\$118,662.30	3.8735	\$459.64	\$210.03	\$171.56	\$46.00	\$245.00	\$1,132.23
6	942153307	NEW VISTA RESIDENCES INC	\$153,768.96	3.8735	\$595.62	\$272.17	\$171.56	\$46.00	\$245.00	\$1,330.36
7	954141738	KING BOBBY G	\$135,655.44	3.8735	\$525.46	\$240.11	\$171.56	\$46.00	\$245.00	\$1,228.13
8	954143217	ANGOTTI SONDR A CHARISLE	\$168,909.00	3.8735	\$654.27	\$298.97	\$171.56	\$46.00	\$245.00	\$1,415.80
9	954142459	HOWETT RICHARD R	\$43,997.28	3.8735	\$170.42	\$267.16	\$171.56	\$46.00	\$245.00	\$900.14
10	953151931	FITZNER KENNETH ROBERT	\$0.00	3.8735	\$0.00	\$223.16	\$171.56	\$46.00	\$245.00	\$685.72
11	954143221	YORK JOSHUA	\$210,422.70	3.8735	\$815.07	\$372.45	\$171.56	\$46.00	\$245.00	\$1,650.08
12	954142437	COMPERDA MICHAEL G	\$133,965.29	3.8735	\$518.91	\$237.12	\$171.56	\$46.00	\$245.00	\$1,218.59
13	955153218	DE CLERCQ JEFFREY	\$118,438.65	3.8735	\$458.77	\$232.70	\$171.56	\$46.00	\$245.00	\$1,154.03
14	954142522	CHAPMAN BYRON JAMES	\$34,055.51	3.8735	\$131.91	\$235.00	\$171.56	\$46.00	\$245.00	\$829.47
15	954142467	IAFRATE JOSEPH C	\$148,485.50	3.8735	\$575.16	\$262.82	\$171.56	\$46.00	\$245.00	\$1,300.54
16	954142930	FORREST CHRISTOPHER D	\$173,748.36	3.8735	\$673.01	\$307.53	\$171.56	\$46.00	\$245.00	\$1,443.11
17	942080008	WAGNER ANA C	\$137,444.64	3.8735	\$532.39	\$243.28	\$171.56	\$46.00	\$245.00	\$1,238.23
18	954143329	KELLEY TRACY L	\$92,587.91	3.8735	\$358.64	\$238.95	\$171.56	\$46.00	\$245.00	\$1,060.15
19	954142128	ANDERSON DEBBIE A	\$191,983.29	3.8735	\$743.65	\$339.81	\$171.56	\$46.00	\$245.00	\$1,546.02
20	942080004	BORER ELIZABETH	\$277,853.18	3.8735	\$1,076.26	\$491.80	\$171.56	\$46.00	\$245.00	\$2,030.62
21	942080001	WIERSMA VERNON L	\$191,130.23	3.8735	\$740.34	\$338.30	\$171.56	\$46.00	\$245.00	\$1,541.20
22	954142456	MAKSIMCHUK DMITRY	\$102,600.00	3.8735	\$397.42	\$239.66	\$171.56	\$46.00	\$245.00	\$1,099.64
23	942080011	PORTER SHARON F	\$202,626.90	3.8735	\$784.88	\$358.65	\$171.56	\$46.00	\$245.00	\$1,606.08
24	954142925	PAUL ALAN & PAMELA JUNE LUTZ REVOCABLE TRUST	\$165,707.61	3.8735	\$641.87	\$293.30	\$171.56	\$46.00	\$245.00	\$1,397.73
25	942080007	LA CROIX FREDERICK R	\$130,189.86	3.8735	\$504.29	\$230.44	\$171.56	\$46.00	\$245.00	\$1,197.29
26	953152217	BRENTWOOD NP LLC	\$169,628.94	3.8735	\$657.06	\$300.24	\$171.56	\$46.00	\$245.00	\$1,419.86
27	954141810	OSBORNE JOHN R	\$50,397.93	3.8735	\$195.22	\$267.16	\$171.56	\$46.00	\$245.00	\$924.94
28	953151934	KOSZ MONIKA	\$90,768.89	3.8735	\$351.59	\$223.00	\$171.56	\$46.00	\$245.00	\$1,037.15
29	942153205	HINGER RICHARD	\$80,060.31	3.8735	\$310.11	\$254.00	\$171.56	\$46.00	\$245.00	\$1,026.67
30	954142518	POLOVICH PHILIP	\$132,805.50	3.8735	\$514.42	\$235.07	\$171.56	\$46.00	\$245.00	\$1,212.05
31	954142605	FORTH CHARLES A	\$62,128.91	3.8735	\$240.66	\$238.00	\$171.56	\$46.00	\$245.00	\$941.22
32	953152214	GLENRIDGE ESTATES LLC	\$131,128.13	3.8735	\$507.92	\$232.10	\$171.56	\$46.00	\$245.00	\$1,202.58
33	942153301	ATKINSON CURTIS M	\$55,979.60	3.8735	\$216.84	\$278.00	\$171.56	\$46.00	\$245.00	\$957.40
34	953141113	MORNINGSTAR JOSEPH H	\$235,078.52	3.8735	\$910.58	\$416.09	\$171.56	\$46.00	\$245.00	\$1,789.23
35	953152103	MATHIEU PAUL	\$292,555.50	3.8735	\$1,133.21	\$517.82	\$171.56	\$46.00	\$245.00	\$2,113.60
36	942080005	NEWHALL SUSAN RAE	\$258,688.50	3.8735	\$1,002.03	\$457.88	\$171.56	\$46.00	\$245.00	\$1,922.47
37	944152728	KAPPELMANN KEITH D	\$26,625.00	3.8735	\$103.13	\$215.00	\$171.56	\$46.00	\$245.00	\$780.69
38	953152222	TILLMAN DAVID S	\$164,968.50	3.8735	\$639.01	\$291.99	\$171.56	\$46.00	\$245.00	\$1,393.56
39	954143311	EDWARDS LENA E	\$86,487.59	3.8735	\$335.01	\$256.00	\$171.56	\$46.00	\$245.00	\$1,053.57

SINGLE DETACHED HOMES

40	954142520	THOMPSON DAVID L (CO-TTEE)	\$238,879.50	3.8735	\$925.30	\$422.82	\$171.56	\$46.00	\$245.00	\$1,810.68
41	954143215	RIVERA LEONARDO JR	\$61,695.45	3.8735	\$238.98	\$243.00	\$171.56	\$46.00	\$245.00	\$944.54
42	953152324	WINTER MARTIN D	\$26,092.50	3.8735	\$101.07	\$217.89	\$171.56	\$46.00	\$245.00	\$781.52
43	953152614	MAIGRET STEPHEN	\$101,481.72	3.8735	\$393.09	\$223.00	\$171.56	\$46.00	\$245.00	\$1,078.65
44	942153206	MANNING LAWRENCE W	\$54,960.39	3.8735	\$212.89	\$239.76	\$171.56	\$46.00	\$245.00	\$915.21
45	942153308	NEW VISTA RESIDENCES INC	\$131,504.07	3.8735	\$509.38	\$232.76	\$171.56	\$46.00	\$245.00	\$1,204.70
46	954142458	WILLIAMS ANNIE M	\$186,481.50	3.8735	\$722.34	\$330.07	\$171.56	\$46.00	\$245.00	\$1,514.97
47	953152628	ABAJIAN ANN	\$75,010.08	3.8735	\$290.55	\$234.00	\$171.56	\$46.00	\$245.00	\$987.11
48	967060743	MERRING AUSTIN	\$159,111.00	3.8735	\$616.32	\$281.63	\$171.56	\$46.00	\$245.00	\$1,360.50
49	953152515	KLEIN ANNA	\$161,880.00	3.8735	\$627.04	\$286.53	\$171.56	\$46.00	\$245.00	\$1,376.13
50	953152518	HOWETT KRISTIN	\$68,909.76	3.8735	\$266.92	\$265.90	\$171.56	\$46.00	\$245.00	\$995.38
51	954141739	ADORNA TOM	\$86,689.94	3.8735	\$335.79	\$254.80	\$171.56	\$46.00	\$245.00	\$1,053.15
52	953141110	THURSTON JEFFREY M	\$115,047.69	3.8735	\$445.64	\$203.63	\$171.56	\$46.00	\$245.00	\$1,111.83
53	954142627	WJHFL LLC	\$131,600.00	3.8735	\$509.75	\$232.93	\$171.56	\$46.00	\$245.00	\$1,205.24
54	954142515	CSMA FT LLC	\$113,422.50	3.8735	\$439.34	\$200.76	\$171.56	\$46.00	\$245.00	\$1,102.66
55	954142630	SUTTER JOHN	\$149,600.00	3.8735	\$579.48	\$264.79	\$171.56	\$46.00	\$245.00	\$1,306.83
56	967060701	MULLEN MARK F	\$194,469.00	3.8735	\$753.28	\$344.21	\$171.56	\$46.00	\$245.00	\$1,560.05
57	942041904	SCOTT JOSEPH W	\$111,701.46	3.8735	\$432.68	\$243.00	\$171.56	\$46.00	\$245.00	\$1,138.24
58	953152415	MC MILLAN MICHAEL	\$143,624.84	3.8735	\$556.33	\$254.22	\$171.56	\$46.00	\$245.00	\$1,273.11
59	953152221	LONG JR DAVID L	\$26,625.00	3.8735	\$103.13	\$254.67	\$171.56	\$46.00	\$245.00	\$820.36
60	953152513	CABRERA ROLANDO	\$130,462.50	3.8735	\$505.35	\$230.92	\$171.56	\$46.00	\$245.00	\$1,198.83
61	953151933	MINA CYNTHIA G	\$81,642.90	3.8735	\$316.24	\$256.00	\$171.56	\$46.00	\$245.00	\$1,034.80
62	954142803	GAILLARD CHELSEA	\$142,446.95	3.8735	\$551.77	\$252.13	\$171.56	\$46.00	\$245.00	\$1,266.46
63	953152713	DE CLERQ JR DONALD H	\$26,625.00	3.8735	\$103.13	\$247.98	\$171.56	\$46.00	\$245.00	\$813.67
64	953141111	TRUST AGREEMENT DATED 02/09/1999	\$230,892.00	3.8735	\$894.36	\$408.68	\$171.56	\$46.00	\$245.00	\$1,765.60
65	953141112	UTT KEITH V	\$111,656.73	3.8735	\$432.50	\$265.00	\$425.26	\$46.00	\$245.00	\$1,413.76

\$33,239.66 \$18,333.01 \$11,405.10 \$2,990.00 \$15,925.00

Totals \$81,892.77 \$81,892.77

VACANT LOTS

	Account	Owner Name	2019 Ad-Valorem			2019 Non Ad-Valorem				Total
			Ass/Tax Value	Millage Rate-City	Total Tax	Fire & Rescue	Road & Drainage	Capital Road Bond	Solid Waste	
1	942153207	RE & C INVESTMENT LLC	\$3,800.00	3.8735	\$14.72	\$85.66	\$171.56	\$46.00	\$0.00	\$317.94
2	942153326	NEW VISTA PROPERTIES INC	\$3,400.00	3.8735	\$13.17	\$85.66	\$171.56	\$46.00	\$0.00	\$316.39
3	942080009	NORMAN WILLIAM	\$18,041.10	3.8735	\$69.88	\$85.66	\$171.56	\$46.00	\$0.00	\$373.10
4	942153324	ABREU VICTOR A	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
5	954142808	RIVERSIDE LAND HOLDINGS LLC	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
6	955153007	GMINDER RUSSELL	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
7	954142717	IVANENKO PETER	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
8	942153208	SILVER FROND INVESTMENTS LLC	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
9	953152011	AIEL INVESTMENT LLC	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
10	942153323	CRONKEY JOSEPH E	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
11	953152117	CAMPBELL CARL G	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
12	942153310	NEW VISTA PROPERTIES INC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
13	954141727	PHAM DUC M	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
14	955152912	WILLIAMS WALTER E JR	\$3,301.50	3.8735	\$12.79	\$85.66	\$171.56	\$46.00	\$0.00	\$316.01
15	954142528	MONTALVO EDUARDO R	\$4,961.84	3.8735	\$19.22	\$85.66	\$171.56	\$46.00	\$0.00	\$322.44
16	954142233	JIMENEZ HERBERT	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
17	954142221	PHILLIPS ANDREW	\$14,458.44	3.8735	\$56.00	\$85.66	\$171.56	\$46.00	\$0.00	\$359.22
18	954142457	NEVIS FOUR LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
19	953152322	HALE ROBERT D	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
20	953152201	BURKE DARCI L	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
21	955153128	PROVIDENT TRUST GROUP LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
22	955153214	MC GRATH JOSEPH P	\$3,301.50	3.8735	\$12.79	\$85.66	\$171.56	\$46.00	\$0.00	\$316.01
23	954142224	PURFEERST JOSEPH E (TTEE)	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
24	954142236	CHEN QIAN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
25	954142625	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
26	954142403	EQUITY TRUST COMPANY CUST	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
27	953152316	NEW VISTA PROPERTIES INC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
28	954143216	FICHTENBERG RONALD	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
29	955153107	CHADWICK REI6 LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
30	955153010	PLANAS TEOBALDO	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
31	954141804	OVERSEAS INVESTMENT LLC	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
32	954142602	SMITH WILLARD J	\$4,394.19	3.8735	\$17.02	\$85.66	\$171.56	\$46.00	\$0.00	\$320.24
33	954143114	MOORE EDWARD M JR	\$5,670.06	3.8735	\$21.96	\$85.66	\$171.56	\$46.00	\$0.00	\$325.18
34	954143115	LOY WILLIAM M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
35	954142811	PAJUNAR AMOR G (TTEE)	\$4,819.13	3.8735	\$18.67	\$85.66	\$171.56	\$46.00	\$0.00	\$321.89
36	954142920	DAGUE RICK JOSEPH	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
37	953152302	DELVILLAR ANGELO R	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
38	954143318	NORTH PORT LOTS AND REAL PROPERTY LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
39	954143205	HAUBER EDWARD R (TTEE)	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14

VACANT LOTS

40	955153115	SYNERGIC INVESTMENTS INC	\$3,195.00	3.8735	\$12.38	\$85.66	\$171.56	\$46.00	\$0.00	\$315.60
41	955153110	EPPS MONTE (TTEE)	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
42	955153003	BURKE CHRISTOPHER P	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
43	954142804	ANTOSH WAYNE	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
44	954141729	SHABURA VLADIMIR	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
45	955153004	NEW VISTA PROPERTIES INC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
46	954142801	PERCIAL MARTHA A	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
47	954142917	VEREMCHUK ALEKSANDR	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
48	954143214	PICKETT KENNETH	\$4,639.14	3.8735	\$17.97	\$85.66	\$171.56	\$46.00	\$0.00	\$321.19
49	954142120	KRACHKO ANDREY	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
50	954142526	NOLAND JASON	\$5,245.13	3.8735	\$20.32	\$85.66	\$171.56	\$46.00	\$0.00	\$323.54
51	954142439	ZEIS ERNEST	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
52	954143317	AMBURGEY TOMMY W	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
53	954141736	HERCHENHAHN JEAN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
54	953152107	SUNBELT SALES & DEVELOPMENT CORP	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
55	954143110	ADAMS GERALD (TTEE)	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
56	954143314	HOFER CHRISTOPHER F	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
57	953151932	SUSAN CAROL FITZPATRICK REVOC LIVING TRUST	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
58	953152401	RAZZAQUE ANJUMAN J	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
59	953152313	DENIS SILVIA M	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
60	942153306	Q SMITH HOMES LLC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
61	955152707	PRIVATE EQUITY SOLUTIONS LLC	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
62	955152704	NANDIGAM KOUSHALYA	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
63	955152811	NORTH PORT LOTS AND REAL PROPERTY LLC	\$2,875.50	3.8735	\$11.14	\$85.66	\$171.56	\$46.00	\$0.00	\$314.36
64	955153108	MARINA LUPYAN TRUST	\$3,301.50	3.8735	\$12.79	\$85.66	\$171.56	\$46.00	\$0.00	\$316.01
65	955153111	LANGE BARBARA	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
66	954141748	PORCO DOMENICO	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
67	954142228	RODRIGUEZ WAYNE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
68	954143202	POWELL MICHAEL J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
69	954141723	DE LEON OSCAR	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
70	954142902	SMITH DAN	\$4,677.48	3.8735	\$18.12	\$85.66	\$171.56	\$46.00	\$0.00	\$321.34
71	955152916	NORTH PORT LOTS AND REAL PROPERTY LLC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
72	954142907	COGOLLOS ANGELA	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
73	954141751	LOURO PHILIP	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
74	954142910	CHU WANG LING	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
75	955152706	MYERS DAVID C	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
76	953151638	PAUYO CASSANDRA	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
77	954143011	OVERSEAS INVESTMENT LLC	\$4,579.50	3.8735	\$17.74	\$85.66	\$171.56	\$46.00	\$0.00	\$320.96
78	955153113	GROZA DELIA M	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
79	954142443	BALIUS GENE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
80	955153013	VIRNAN NADIA	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
81	955153212	VINNIK IGOR	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
82	955153127	PROVIDENT TRUST GROUP LLC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83

VACANT LOTS

83	954142517	QUEEN VIRGINIA P	\$5,528.42	3.8735	\$21.41	\$85.66	\$171.56	\$46.00	\$0.00	\$324.63
84	954141744	BURNS JOHN J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
85	954142802	MORGAN JEFFREY C	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
86	955153125	SUSAN CAROL FITZPATRICK REVOC LIVING TRUST	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
87	955152908	SLABAUGH GLEN	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
88	954142906	HOMA GINA L	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
89	955153124	NEW VISTA PROPERTIES INC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
90	953151639	NORTH PORT LOTS AND REAL PROPERTY LLC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
91	954142601	SMITH WILLARD J	\$4,394.19	3.8735	\$17.02	\$85.66	\$171.56	\$46.00	\$0.00	\$320.24
92	954142122	KRACHKO ANDREY	\$4,394.19	3.8735	\$17.02	\$85.66	\$171.56	\$46.00	\$0.00	\$320.24
93	955153216	MAGGIO RONALD J	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
94	955152806	KOBEL KATHRYN	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
95	955152701	UB PROPERTIES LLC	\$2,343.00	3.8735	\$9.08	\$85.66	\$171.56	\$46.00	\$0.00	\$312.30
96	955153105	SNYDER DEVELOPMENT CORP	\$4,047.00	3.8735	\$15.68	\$85.66	\$171.56	\$46.00	\$0.00	\$318.90
97	955153112	GOGREEN PROPERTY MGMT LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
98	954142511	CHUNG WINIFRED C	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
99	954142301	BARNETT JERRY A	\$4,677.48	3.8735	\$18.12	\$85.66	\$171.56	\$46.00	\$0.00	\$321.34
100	955152921	KOSTESKI SIMON	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
101	954142805	PAIK SON K	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
102	954143010	ALEXSOFF DEAN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
103	954143009	KOSTESKI SIMON	\$4,677.48	3.8735	\$18.12	\$85.66	\$171.56	\$46.00	\$0.00	\$321.34
104	942153311	MANNELL ROBERT A	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
105	953152208	SERFOZO STEVE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
106	954142530	KARR MARTIN PALMER	\$5,005.50	3.8735	\$19.39	\$85.66	\$171.56	\$46.00	\$0.00	\$322.61
107	954142451	VERENCHUK IGOR	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
108	954142461	ESTANDA FIDEL	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
109	954142464	GMINDER RUSSELL	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
110	954142444	BALIUS GENE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
111	955152812	PEDRIQUEZ VIRGILIO V	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
112	942153304	MOLTER GREGORY	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
113	955152805	GULF COAST CONSULTING LLC	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
114	953152113	BERRYHILL TIMOTHY	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
115	954142523	BARJUCA OCTAVIAN	\$4,535.84	3.8735	\$17.57	\$85.66	\$171.56	\$46.00	\$0.00	\$320.79
116	954142524	BEACHY FREEMAN	\$4,961.84	3.8735	\$19.22	\$85.66	\$171.56	\$46.00	\$0.00	\$322.44
117	953151633	DOWDEN SR CURLL C	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
118	954142237	DAVIS LEWIN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
119	954143320	KOLANEK IRENA (E LIFE EST)	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
120	954143204	MAKSIMCHUK VLADISLAV	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
121	954143313	HOFER CHRISTOPHER F	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
122	953152205	BRISSETT BERYL M	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
123	942153314	NORTH PORT LOTS AND REAL PROPERTY LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
124	953152102	FLORIDA RESERVE HOMES LLC	\$4,047.00	3.8735	\$15.68	\$85.66	\$171.56	\$46.00	\$0.00	\$318.90
125	955152702	NICHOLS MEGAN	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66

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126	955152817	CANINO JOHN A JR	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
127	953152114	CAMPBELL CARL G	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
128	954142021	BRIAN W BRANCH AND DEBORAH A HUNT TRUST	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
129	954143321	SANJEF ENTERPRISES LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
130	954142404	ILLSLEY RICHARD R	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
131	955152705	DIANGSON TEODORO M	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
132	954143103	MACKE JOHN E	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
133	953151635	NEW VISTA PROPERTIES INC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
134	954142904	ROMANS REMODELING LLC	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
135	953141109	KINNARD ALAN F	\$74,277.36	3.8735	\$287.71	\$85.66	\$171.56	\$46.00	\$0.00	\$590.93
136	954141747	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
137	954142514	PARKHILL GARY	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
138	954142624	EVANS JOAN	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
139	955153126	AGMA INTERNATIONAL LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
140	954141904	LAMKIN DOLORES	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
141	954142007	Q SMITH HOMES LLC	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
142	954143325	SANFORD STANLEY	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
143	954142448	MAO ALICE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
144	942153320	LI-CHUAN CHUANG	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
145	953152105	CHRISTOPHER ALEXANDER	\$4,047.00	3.8735	\$15.68	\$85.66	\$171.56	\$46.00	\$0.00	\$318.90
146	942153222	WERNER FAMILY TRUST	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
147	942153305	CILLEY KATHERINE E	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
148	955153219	KARELLA ANTHONY H	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
149	954141914	HUMMEL DAVID M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
150	954143220	HILAIRE JEAN MICHEL	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
151	942153318	AMERICAN ESTATE AND TRUST	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
152	954142447	Q SMITH HOMES LLC	\$4,961.84	3.8735	\$19.22	\$85.66	\$171.56	\$46.00	\$0.00	\$322.44
153	954142004	BACCHUS ALBAN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
154	954141746	GRAY JASON	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
155	954141737	HORIZON TRUST COMPANY	\$5,857.50	3.8735	\$22.69	\$85.66	\$171.56	\$46.00	\$0.00	\$325.91
156	954142709	MARTIN FAMILY TRUST	\$4,535.84	3.8735	\$17.57	\$85.66	\$171.56	\$46.00	\$0.00	\$320.79
157	954142525	HEIVA HOLDINGS USA LLC	\$4,961.84	3.8735	\$19.22	\$85.66	\$171.56	\$46.00	\$0.00	\$322.44
158	954142705	LEWIS MIKE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
159	954141807	MILLS ERIC M	\$4,535.84	3.8735	\$17.57	\$85.66	\$171.56	\$46.00	\$0.00	\$320.79
160	954142702	ADAMS GERALD	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
161	954141903	LAMKIN DOLORES	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
162	954141725	RAMSUBHAG OMA A	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
163	954142631	AGUAMARINA OF FLORIDA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
164	954141724	RAMSUBHAG OMA A	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
165	955153109	EPPS MONTE (TTEE)	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
166	954141808	OSBORNE JOHN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
167	954141915	SALAZAR J OCTAVIO	\$4,819.13	3.8735	\$18.67	\$85.66	\$171.56	\$46.00	\$0.00	\$321.89
168	954143222	LYNCH MICHAEL	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14

VACANT LOTS

169	954143309	BALIUS GENE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
170	954143330	NGUYEN THUYLINH N	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
171	954142103	PROTOS INC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
172	953152402	MC LAIN KURT	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
173	954142617	FARRELL KEVIN M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
174	942153202	SUN PROPERTY VENTURES LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
175	954143003	BEACHY FREEMAN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
176	954143106	PHAM DUC M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
177	954142718	HOWARD ANNA V	\$4,394.19	3.8735	\$17.02	\$85.66	\$171.56	\$46.00	\$0.00	\$320.24
178	954143211	NELSON MARVIN D	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
179	953152005	BOUNDS BARBARA A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
180	954143312	HOFER CHRISTOPHER F	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
181	954143319	DAWSON PETERGAY	\$4,579.50	3.8735	\$17.74	\$85.66	\$171.56	\$46.00	\$0.00	\$320.96
182	954141802	JACOB MANOJ	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
183	953152010	CHANG TE CHUAN	\$3,401.61	3.8735	\$13.18	\$85.66	\$171.56	\$46.00	\$0.00	\$316.40
184	942153317	LORUSSO JOSEPH J	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
185	953151920	SWIFT CLEAR INVESTMENT LLC	\$3,544.32	3.8735	\$13.73	\$85.66	\$171.56	\$46.00	\$0.00	\$316.95
186	954142408	BERKHOFF-HORNIG JURGEN	\$6,603.00	3.8735	\$25.58	\$85.66	\$171.56	\$46.00	\$0.00	\$328.80
187	954143308	CHU WANG LING	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
188	953152215	NORTH PORT LOTS AND REAL PROPERTY LLC	\$3,962.87	3.8735	\$15.35	\$85.66	\$171.56	\$46.00	\$0.00	\$318.57
189	953152116	CAMPBELL CARL G	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
190	953152203	MIRRIONE JAMES	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
191	953152101	MALDONADO RADAMES	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
192	954142706	HARRIS INA P TTEE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
193	954142512	THE KINGDOM TRUST COMPANY (CUST)	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
194	954142708	COGOLLOS ANGELA	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
195	953152820	ANDERS JEFFREY L	\$3,301.50	3.8735	\$12.79	\$85.66	\$171.56	\$46.00	\$0.00	\$316.01
196	954143111	ADAMS GERALD (TTEE)	\$4,535.84	3.8735	\$17.57	\$85.66	\$171.56	\$46.00	\$0.00	\$320.79
197	954143213	ZORO PROPERTIES LLC	\$5,927.79	3.8735	\$22.96	\$85.66	\$171.56	\$46.00	\$0.00	\$326.18
198	954143109	BROWN A EARL	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
199	954142932	MUYOT JOSEFINO F	\$4,535.84	3.8735	\$17.57	\$85.66	\$171.56	\$46.00	\$0.00	\$320.79
200	954143113	MOORE EDWARD M JR	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
201	955153014	HUNT CHRISTOPHER	\$10,224.00	3.8735	\$39.60	\$85.66	\$171.56	\$46.00	\$0.00	\$342.82
202	954143207	CHELNOKOV VLADIMIR	\$4,381.41	3.8735	\$16.97	\$85.66	\$171.56	\$46.00	\$0.00	\$320.19
203	953152323	THOMPSON TIMOTHY A	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
204	953152003	FELIX MILHOUSE	\$3,401.61	3.8735	\$13.18	\$85.66	\$171.56	\$46.00	\$0.00	\$316.40
205	954143019	JOHANNSEN LINDA K	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
206	953152312	KOWLESSAR DEOMATTIE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
207	953152209	MALLEY JOSEPH A	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
208	954143006	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
209	953151937	GUTIERREZ REYNALDO D	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
210	955152907	ANDREWS ELIZABETH	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
211	953151634	ATCHISON THOMAS J	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50

VACANT LOTS

212	955153114	WOODS ISAAC H	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
213	955153118	RESTREPO JULIANA	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
214	953151640	COMIAN X TAX LIEN FUND LLC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
215	954143002	CID DEMETRIO	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
216	954142908	HEIVA HOLDINGS USA LLC	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
217	954142931	WALLS DIANE R	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
218	954143112	CRUM CATHY	\$4,961.84	3.8735	\$19.22	\$85.66	\$171.56	\$46.00	\$0.00	\$322.44
219	954142022	WRIGHT GREGORY P	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
220	954142006	LEWIS MIKE	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
221	954142020	HUNT-BRANCH AARON	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
222	955152703	HERNANDEZ JIMMY	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
223	954143315	L I CHOICE INC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
224	955152917	SANDEEP GO LLC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
225	954142922	HEIVA HOLDINGS USA LLC	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
226	954143102	QUEEN GALEN K S	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
227	954143017	DE ANGELIS ELENA M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
228	954142806	DONN THUY VAN	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
229	953151938	ABONADO CARLITO	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
230	942153328	CHARLETTA RICHARD J	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
231	942153312	ZACZEK ELIZABETH J	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
232	953152014	GILBERT THOMAS J	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
233	954143203	POWELL MICHAEL J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
234	955152804	DILENDICK BRIAN	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
235	953152220	MARTIN URSULA	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
236	955153008	JOVE JOSE I	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
237	955152815	WEXLER DONNA	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
238	953152308	HAGGERTY DENICE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
239	953152115	CAMPBELL CARL G	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
240	953152006	BOUNDS BARBARA A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
241	955152918	HENDRICKS JR BERNARD D	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
242	954142713	LANGSTON LEROY	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
243	955152920	WRIGHT ROBERT PHILIP	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
244	954143201	COGOLLOS ANGELA	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
245	954142914	RUSSELL RICHARD	\$4,896.87	3.8735	\$18.97	\$85.66	\$171.56	\$46.00	\$0.00	\$322.19
246	942153325	WOLFE CLAUDINE	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
247	954143008	EDGERTON FAMILY LIVING TRUST	\$4,677.48	3.8735	\$18.12	\$85.66	\$171.56	\$46.00	\$0.00	\$321.34
248	954143107	NORTH PORT LOTS AND REAL PROPERTY LLC	\$4,579.50	3.8735	\$17.74	\$85.66	\$171.56	\$46.00	\$0.00	\$320.96
249	953152503	GREEN JR MICHAEL B	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
250	954143208	MAYFIELD CAMELLIA	\$5,541.20	3.8735	\$21.46	\$85.66	\$171.56	\$46.00	\$0.00	\$324.68
251	954142714	REALIZA BONG	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
252	954143016	GADEN ROGER C	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
253	954142401	TORRANCE BARBARA J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
254	954142238	DEWAR EDWARD W	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14

VACANT LOTS

255	954142513	DABANDAN EDGARDO	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
256	954142240	EIGHT HOLDINGS LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
257	954143212	NORTH PORT LOTS AND REAL PROPERTY LLC	\$4,768.01	3.8735	\$18.47	\$85.66	\$171.56	\$46.00	\$0.00	\$321.69
258	954143206	WATT MONTE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
259	954142232	CHUNG WINIFRED C	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
260	954142127	CHALMERS GEOFFREY T	\$4,394.19	3.8735	\$17.02	\$85.66	\$171.56	\$46.00	\$0.00	\$320.24
261	955152913	JEVRIC VERA	\$3,195.00	3.8735	\$12.38	\$85.66	\$171.56	\$46.00	\$0.00	\$315.60
262	954143013	NORTH PORT LOTS AND REAL PROPERTY LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
263	954143108	JOSEPH MARJORIE NELSON	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
264	954142453	SURAPANENI SRINIVAS	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
265	954142225	JOSEPH E PURFEERST REVOCABLE TRUST	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
266	953152218	SARASOTA CAPITAL LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
267	953152321	ADAMS GERALD I	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
268	942153302	DE HAVEN MARY C B	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
269	954142510	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
270	954142507	CLEARE DELONE Y	\$8,930.03	3.8735	\$34.59	\$85.66	\$171.56	\$46.00	\$0.00	\$337.81
271	953152310	GOETZE LORALEE J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
272	954142126	CHALMERS GEOFFREY T	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
273	955153117	GEIST JAMES S (TTEE)	\$3,195.00	3.8735	\$12.38	\$85.66	\$171.56	\$46.00	\$0.00	\$315.60
274	954142227	PURFEERST JAMES M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
275	954142531	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
276	954142519	BUSER CHRISTOPHE	\$5,103.48	3.8735	\$19.77	\$85.66	\$171.56	\$46.00	\$0.00	\$322.99
277	955153211	ROTH GUENTER (TTEE)	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
278	955153009	HABITAT FOR HUMANITY SOUTH SARASOTA COUNTY INC	\$3,195.00	3.8735	\$12.38	\$85.66	\$171.56	\$46.00	\$0.00	\$315.60
279	954142239	DEWAR EDWARD W	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
280	955152904	LOPEZ MONICA	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
281	953152802	GEORGIEV ZORNITSA	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
282	953152106	CHRISTOPHER ALEXANDER	\$4,047.00	3.8735	\$15.68	\$85.66	\$171.56	\$46.00	\$0.00	\$318.90
283	953152004	BOUNDS BARBARA A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
284	954142455	VEMULAPALLI SUSHMA	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
285	954142450	FIRST CHOICE HOME BUILDERS LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
286	954142460	FALNESS DAVID E	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
287	954143322	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
288	953152118	NP 11 LLC	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
289	953153001	NARDINI-CALLAHAN DAWN	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
290	954142618	FARRELL BRIAN J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
291	953151936	MILLER DARRELL J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
292	954142302	BARNETT JERRY A	\$5,005.50	3.8735	\$19.39	\$85.66	\$171.56	\$46.00	\$0.00	\$322.61
293	955152911	WHITEHOUSE JOHN F	\$3,301.50	3.8735	\$12.79	\$85.66	\$171.56	\$46.00	\$0.00	\$316.01
294	954142912	MEANS RICHARD T	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
295	942080010	NORMAN WILLIAM	\$25,453.50	3.8735	\$98.59	\$85.66	\$171.56	\$46.00	\$0.00	\$401.81
296	942153203	OVERSEAS INVESTMENT LLC	\$3,834.00	3.8735	\$14.85	\$85.66	\$171.56	\$46.00	\$0.00	\$318.07
297	967060946	LAWRENCE STEVE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14

VACANT LOTS

298	955152903	NEW VISTA PROPERTIES INC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
299	953152002	BOUNDS BARBARA A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
300	953152404	SANIXAY CHANSAMONE	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
301	954141752	SHERMAN OFELIA TTEE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
302	953152210	DASCZYNSKI WARREN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
303	955153005	AMERICAN ESTATE AND TRUST	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
304	953152607	BIRA HOLDINGS LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
305	955152922	VAZIRI HOSHMAND	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
306	954143101	PEREIRA JOSE C J	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
307	954142905	DEMONTEVERDE MARIE H	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
308	954143018	BEACHY FREEMAN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
309	954141755	LANG WILLIE L	\$4,394.19	3.8735	\$17.02	\$85.66	\$171.56	\$46.00	\$0.00	\$320.24
310	954143007	I DREAMS ESTATES LLC	\$4,639.14	3.8735	\$17.97	\$85.66	\$171.56	\$46.00	\$0.00	\$321.19
311	953152609	NGUYEN THU	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
312	953152508	NEW VISTA PROPERTIES INC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
313	944152727	KAPPELMANN KEITH	\$4,366.50	3.8735	\$16.91	\$85.66	\$171.56	\$46.00	\$0.00	\$320.13
314	954142807	VERO ATLANTIC 2 LLC	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
315	954141809	HENRY MARIE C	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
316	942153223	COLONIAL RESTORATION LLC	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
317	955152919	WOOD PETER	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
318	955152807	BOWSER WILLIAM T	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
319	954142509	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
320	953152623	SPRINGCROFT PROPERTIES LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
321	953152216	OLIVIERI WILLIAM M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
322	955153104	SNYDER DEVELOPMENT CORP	\$3,301.50	3.8735	\$12.79	\$85.66	\$171.56	\$46.00	\$0.00	\$316.01
323	955152906	GEORGIOU TASOS	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
324	954142440	BOUNDS RAYMOND	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
325	954142303	OVERSEAS INVESTMENT LLC	\$5,005.50	3.8735	\$19.39	\$85.66	\$171.56	\$46.00	\$0.00	\$322.61
326	954142445	NORTH PORT LOTS AND REAL PROPERTY LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
327	942153220	CARLOS DOMINGOS	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
328	953151926	BINGLE CHRIS	\$4,792.50	3.8735	\$18.56	\$85.66	\$171.56	\$46.00	\$0.00	\$321.78
329	953152317	BRANCH ADINA M	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
330	967060947	CATENA JENNIFER	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
331	954142441	COMPERDA FRANK M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
332	954142119	CHUNG WINIFRED C	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
333	954142452	SURAPANENI SRINIVAS	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
334	955153123	HENDERSHOT BRUCE D	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
335	955153210	SILVER FROND INVESTMENTS LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
336	954143105	HEIVA HOLDINGS USA LLC	\$5,103.48	3.8735	\$19.77	\$85.66	\$171.56	\$46.00	\$0.00	\$322.99
337	954142918	HASTINGS KENNETH R	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
338	953152013	FLUBACHER RONALD	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
339	954142234	ADORNA THOMAS M	\$8,930.03	3.8735	\$34.59	\$85.66	\$171.56	\$46.00	\$0.00	\$337.81
340	954142712	LANGSTON LEROY	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14

VACANT LOTS

341	953152408	OVERSEAS INVESTMENT LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
342	953152307	BELLS REALTY INVESTMENTS	\$4,047.00	3.8735	\$15.68	\$85.66	\$171.56	\$46.00	\$0.00	\$318.90
343	954142230	LOURO ALEX T	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
344	954142229	VOGT JORGE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
345	953152819	NEW VISTA PROPERTIES INC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
346	955153106	AMERICAN ESTATE AND TRUST	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
347	953152511	LAU CHI-HO A	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
348	955153011	BECERRA ELPIDIO L	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
349	953152710	WESTON MICHAEL	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
350	953152419	SILVA ROBERT L	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
351	967060740	MULLEN MARK F	\$5,154.60	3.8735	\$19.97	\$85.66	\$171.56	\$46.00	\$0.00	\$323.19
352	953152622	SPRINGCROFT PROPERTIES LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
353	953152510	LAU CHI-HO A	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
354	954142018	GIFFONE MICHAEL F	\$4,677.48	3.8735	\$18.12	\$85.66	\$171.56	\$46.00	\$0.00	\$321.34
355	953152624	K & N PROPERTY INVESTMENTS LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
356	942153321	OVERSEAS INVESTMENT LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
357	954142454	GUGLIELMO MATTHEW	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
358	954143326	PAPE EDWARD	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
359	953152407	CONNELL JERRY L	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
360	953152219	KORELL LINDSEY ROTH IRA F/B/O	\$3,834.00	3.8735	\$14.85	\$85.66	\$171.56	\$46.00	\$0.00	\$318.07
361	942153319	LI-CHUAN CHUANG	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
362	953152119	GRECO KATHLENE	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
363	955152909	TYNDALE RICARDO ANTHONY	\$4,047.00	3.8735	\$15.68	\$85.66	\$171.56	\$46.00	\$0.00	\$318.90
364	953151901	VAN TRUONG JIMMY L	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
365	953152509	PIZZARIELLO VITO	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
366	967060945	BASTANTE JOSEPH	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
367	953151636	NELIGAN DEAN A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
368	953152504	ERWIN DAVID	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
369	942153313	GOGREEN PROPERTY MGMT LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
370	954141749	LOURO MARCELLO	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
371	953152403	TAYLOR DUANE	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
372	954142019	KARAM ROSE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
373	954141913	PEDERSON KAREN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
374	954142506	THOMAS GERHARDT A TTEE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
375	955152810	CABRERA VIRGILIO D	\$3,195.00	3.8735	\$12.38	\$85.66	\$171.56	\$46.00	\$0.00	\$315.60
376	954142231	WEISS JOSEPH G	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
377	953152007	BOUNDS BARBARA A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
378	942153209	SILVER FROND INVESTMENTS LLC	\$3,834.00	3.8735	\$14.85	\$85.66	\$171.56	\$46.00	\$0.00	\$318.07
379	953152619	KUBACKA JOLANTA	\$3,834.00	3.8735	\$14.85	\$85.66	\$171.56	\$46.00	\$0.00	\$318.07
380	954141735	CHOU DHURI SANTANU	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
381	955152910	ALEXSOFF NAUMCE	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
382	953151902	MADISON ANNA C	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
383	954141750	LOURO MICHAEL	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14

VACANT LOTS

384	953152015	CORNERSTONE PROPERTIES OF SARASOTA INC	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
385	953152512	HEINKE STEPHAN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
386	954142916	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
387	953152309	GOETZE LORALEE J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
388	953151641	NEW VISTA PROPERTIES INC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
389	954143219	GOODWIN DAVID	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
390	954142921	JEANNINE ELIZABETH BELL REVOCABLE TRUST	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
391	954143210	KRACKOVIC DANNE	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
392	954142704	ADAMS GERALD	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
393	953152610	ETTLIN DOMINIK	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
394	954142005	ZANCA HEDWIG I	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
395	953152202	AEG INVESTMENTS LP	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
396	954142707	PRIVATE EQUITY SOLUTIONS LLC	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
397	967060738	RIBEIRO ANTONIO A	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
398	955153213	OVERHOLSER MERLE W	\$3,301.50	3.8735	\$12.79	\$85.66	\$171.56	\$46.00	\$0.00	\$316.01
399	954142534	JOHNSON SCOTT	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
400	954142105	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
401	954143104	FIRST REALTY CONSULTING LLC	\$5,927.79	3.8735	\$22.96	\$85.66	\$171.56	\$46.00	\$0.00	\$326.18
402	954142810	CADIENTE SAMSON S	\$4,819.13	3.8735	\$18.67	\$85.66	\$171.56	\$46.00	\$0.00	\$321.89
403	954141742	BROUSSARD JR LAWLESS	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
404	955153121	FITZPATRICK CHRISTINA	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
405	955153116	STOJAK BARBARA	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
406	953152620	ALPHA FLORIDA REAL ESTATE LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
407	954143316	NORTH PORT LOTS AND REAL PROPERTY LLC	\$3,544.32	3.8735	\$13.73	\$85.66	\$171.56	\$46.00	\$0.00	\$316.95
408	953152409	BURGOS IRIS	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
409	954141741	Q SMITH HOMES LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
410	953152426	EL SHADDAI BIBLE MINISTRIES	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
411	954143012	COMPARETTO ANTONIO J	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
412	955153012	VIRNAN NADIA	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
413	954141803	OVERSEAS INVESTMENT LLC	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
414	953152301	GRAY WALTER	\$3,544.32	3.8735	\$13.73	\$85.66	\$171.56	\$46.00	\$0.00	\$316.95
415	955153120	CHAMBERLAIN ALFRED C	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
416	954143001	HEIVA HOLDINGS USA LLC	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
417	954141743	SHABURA VLADIMIR	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
418	955153122	UNDERWOOD PAT	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
419	953152204	DAVIS AUDREY H V M	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
420	942153309	OVERSEAS INVESTMENT LLC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
421	953151637	NEW VISTA PROPERTIES INC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
422	953152501	HEARN ANASTASIA	\$3,544.32	3.8735	\$13.73	\$85.66	\$171.56	\$46.00	\$0.00	\$316.95
423	953152428	AMERICAN ESTATE AND TRUST	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
424	953152613	YAREMCHUK VOLODYMYR	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
425	954142125	CHALMERS GEOFFREY T	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
426	954142462	BALIUS GENE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14

VACANT LOTS

427	953152608	NGUYEN PROPERTY MANAGEMENT LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
428	953152606	BIRA HOLDINGS LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
429	953152618	MALLOY SHARON (TTEE)	\$3,834.00	3.8735	\$14.85	\$85.66	\$171.56	\$46.00	\$0.00	\$318.07
430	953152818	HERNANDEZ JIMMY	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
431	953152420	SALAM ELIZABETH C	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
432	953152621	MUNZ MIKE	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
433	953152626	ASKEW ASHLEY LYNN	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
434	954141728	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
435	954143015	JAEN RUBEN	\$4,677.48	3.8735	\$18.12	\$85.66	\$171.56	\$46.00	\$0.00	\$321.34
436	954142924	BROWN JOE W	\$4,381.41	3.8735	\$16.97	\$85.66	\$171.56	\$46.00	\$0.00	\$320.19
437	954142532	ALAVERDYAN SUREN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
438	954142505	MAYS RONALD L	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
439	953152405	MASTRATI JOHN A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
440	954141740	Q SMITH HOMES LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
441	953152412	CABRERA EDELMIRA	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
442	953152617	ATINA ENTERPRISES LLC	\$3,834.00	3.8735	\$14.85	\$85.66	\$171.56	\$46.00	\$0.00	\$318.07
443	953151923	WORMER LESLIE A	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
444	953152612	YAREMCHUK VOLODYMYR	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
445	953152902	PORTER ROBERT C	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
446	953152517	AMERICAN ESTATE AND TRUST	\$4,260.00	3.8735	\$16.50	\$85.66	\$171.56	\$46.00	\$0.00	\$319.72
447	955152915	ADAMS GERALD	\$2,662.50	3.8735	\$10.31	\$85.66	\$171.56	\$46.00	\$0.00	\$313.53
448	953152709	NEW VISTA PROPERTIES INC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
449	953152505	ROSELAND LEO J	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
450	955152809	SHAW PATRICIA A	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
451	954142529	KARR MARTIN PALMER	\$5,740.35	3.8735	\$22.24	\$85.66	\$171.56	\$46.00	\$0.00	\$325.46
452	954142623	OVERSEAS INVESTMENT LLC	\$5,218.50	3.8735	\$20.21	\$85.66	\$171.56	\$46.00	\$0.00	\$323.43
453	953153002	K4K LLC	\$3,195.00	3.8735	\$12.38	\$85.66	\$171.56	\$46.00	\$0.00	\$315.60
454	954142710	DIH TAX PARTNERS LLC	\$5,005.50	3.8735	\$19.39	\$85.66	\$171.56	\$46.00	\$0.00	\$322.61
455	953153017	VOJNIKA MAZLUM	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
456	953152213	OVERSEAS INVESTMENT LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
457	967060704	CRUZ ALBERTO	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
458	954142619	JONES DONALD F JR	\$4,535.84	3.8735	\$17.57	\$85.66	\$171.56	\$46.00	\$0.00	\$320.79
459	953152611	TEREMBES MICHAEL	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
460	953151935	DOWNING GERALD B	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
461	954141905	LIVITS LEONARD	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
462	967060944	SILVA NANCIANCENA D	\$4,819.13	3.8735	\$18.67	\$85.66	\$171.56	\$46.00	\$0.00	\$321.89
463	953151927	SZAFARZ MARY K (TTEE)	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
464	954142711	COGOLLOS ANGELA	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
465	953152708	NANDIGAM SINDHURA	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
466	954142715	MOORE LISA	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
467	953151928	MACHADO-CUNHA HUGO M	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
468	954143223	MORROW BARTLEY E	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
469	954142003	PRIVATE EQUITY SOLUTIONS LLC	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20

VACANT LOTS

470	953152410	FARRELL MARK V	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
471	967060741	MULLEN MARK F	\$4,896.87	3.8735	\$18.97	\$85.66	\$171.56	\$46.00	\$0.00	\$322.19
472	942153316	LORUSSO JOSEPH J	\$3,195.00	3.8735	\$12.38	\$85.66	\$171.56	\$46.00	\$0.00	\$315.60
473	942153221	WERNER FAMILY TRUST	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48
474	953152418	MOSELEY STARLA	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
475	954142446	LEE HILTON	\$5,798.93	3.8735	\$22.46	\$85.66	\$171.56	\$46.00	\$0.00	\$325.68
476	954142449	TURGEON JR JOHN L	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
477	954142402	TORRANCE BARBARA J	\$3,969.26	3.8735	\$15.37	\$85.66	\$171.56	\$46.00	\$0.00	\$318.59
478	953152506	FERNANDEZ MARGARITA	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
479	953152001	DE VANEY WILLIAM B	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
480	953152306	PERNA III MANUEL	\$4,047.00	3.8735	\$15.68	\$85.66	\$171.56	\$46.00	\$0.00	\$318.90
481	953152421	RICKETTS ELIZABETH A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
482	955153006	CALVERT MICHAEL K	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
483	967060703	HUYNH KIM T T	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
484	967060943	VARNER III ARCHIE D	\$4,535.84	3.8735	\$17.57	\$85.66	\$171.56	\$46.00	\$0.00	\$320.79
485	955153215	MAGGIO RONALD J	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
486	967060739	TRAN TUNG V	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
487	953152305	DEITZ SANDRA N CO-TTEE	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
488	953152304	KERESTES PAUL A	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
489	953151924	ESTEVEZ JOSE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
490	953152320	PROSPER TERRANCE	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
491	954142629	WJHFL LLC	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
492	954142632	GILBERT DIANE L	\$4,819.13	3.8735	\$18.67	\$85.66	\$171.56	\$46.00	\$0.00	\$321.89
493	942080006	AXLINE JUDITH J (CO-TTEE)	\$18,041.10	3.8735	\$69.88	\$85.66	\$171.56	\$46.00	\$0.00	\$373.10
494	953152424	HOLINKO BRIAN J	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
495	954142604	COGOLLOS ANGELA	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
496	954142703	ADAMS GERALD	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
497	953152422	JOHN E AND LORRAINE M KUHN REVOCABLE LIVING TRUST	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
498	953152319	SGD INVESTMENTS LLC	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
499	953152311	GRIGGS AVENUE LAND TRUST	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
500	954142533	JOHNSON SCOTT	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
501	954142104	BUCCELLATO GIOVANNA	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
502	954142716	MOORE LISA	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
503	953152016	BECKER STEPHEN	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
504	954141726	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
505	954143005	UNDERHILL WILLIAM R	\$5,103.48	3.8735	\$19.77	\$85.66	\$171.56	\$46.00	\$0.00	\$322.99
506	954142405	NEW VISTA PROPERTIES INC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
507	954142121	KRACHKO ANDREY	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
508	954142123	JACKSON EMMA D	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
509	954142809	HEIVA HOLDINGS USA LLC	\$5,103.48	3.8735	\$19.77	\$85.66	\$171.56	\$46.00	\$0.00	\$322.99
510	953152519	SCHOELICH RONNIE IRA F/B/O	\$4,366.50	3.8735	\$16.91	\$85.66	\$171.56	\$46.00	\$0.00	\$320.13
511	954143327	ESTRADA DAVID	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
512	955152816	NEW VISTA PROPERTIES INC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83

VACANT LOTS

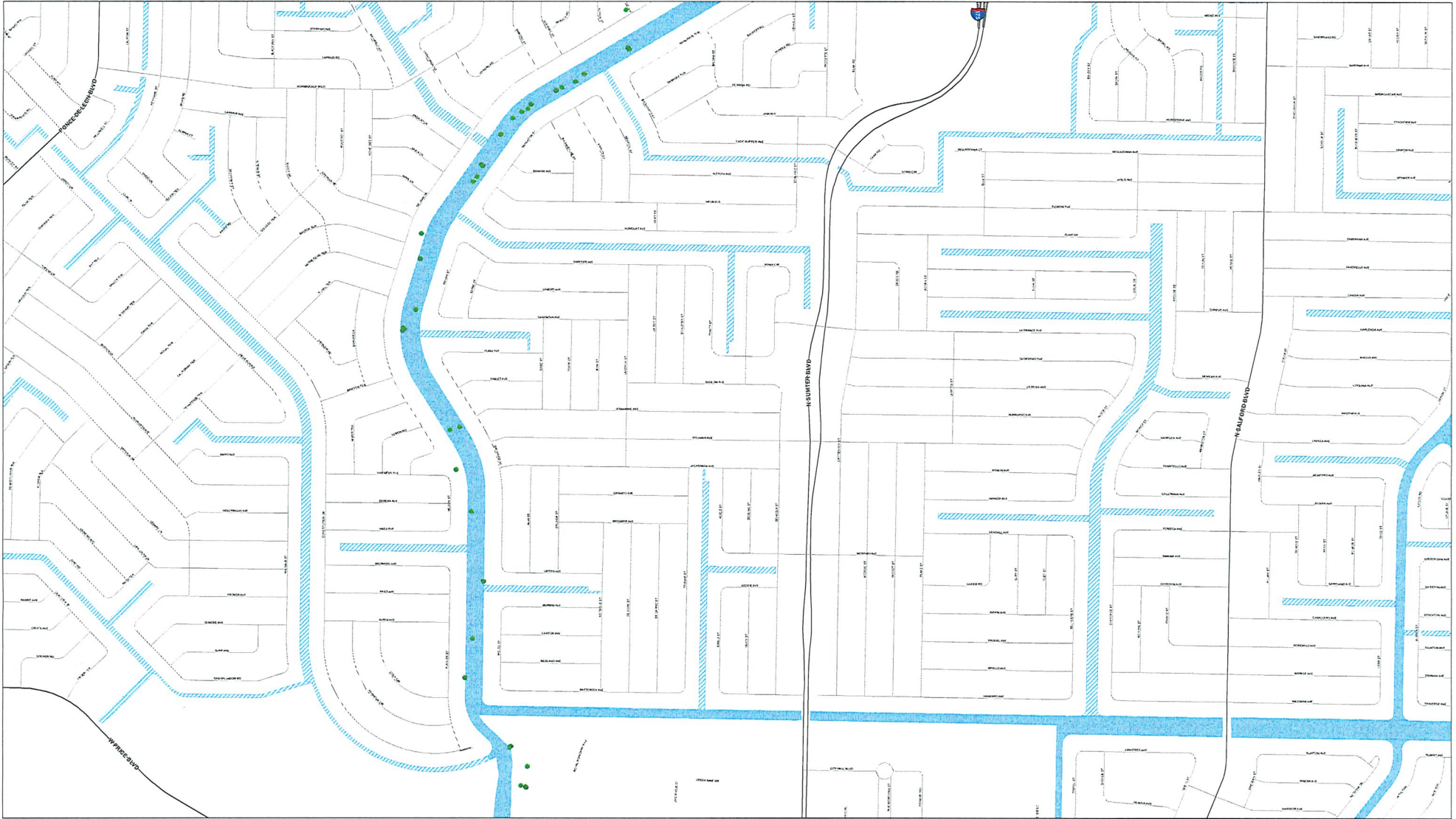
513	954143324	SANFORD STANLEY	\$4,579.50	3.8735	\$17.74	\$85.66	\$171.56	\$46.00	\$0.00	\$320.96
514	954142911	COOK JOYCE R	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
515	954141730	KRACHER EDITH M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
516	955152814	MARY ACCOUNTING INC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
517	954143323	DRES JUANITO T	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
518	954141805	EZER TOSIA	\$4,252.55	3.8735	\$16.47	\$85.66	\$171.56	\$46.00	\$0.00	\$319.69
519	954142603	COGOLLOS ANGELA	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
520	953152008	HENRY BRYAN	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
521	954143004	OVERSEAS INVESTMENT LLC	\$5,218.50	3.8735	\$20.21	\$85.66	\$171.56	\$46.00	\$0.00	\$323.43
522	954142903	ARSENAULT CHRISTINE	\$4,819.13	3.8735	\$18.67	\$85.66	\$171.56	\$46.00	\$0.00	\$321.89
523	953152411	ROWE STUART J TTEE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
524	954142909	CHU WANG LING	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
525	953152514	GREENHALGH DAVID L	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
526	954142626	JACKSON MARYBETH ANN	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
527	953151925	BINGLE CHRIS	\$4,047.00	3.8735	\$15.68	\$85.66	\$171.56	\$46.00	\$0.00	\$318.90
528	942153322	COOGAN NANCY E	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
529	953152803	NORTH PORT LOTS AND REAL PROPERTY LLC	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
530	954142622	BURTON JAMES R	\$7,455.00	3.8735	\$28.88	\$85.66	\$171.56	\$46.00	\$0.00	\$332.10
531	953152516	DESROCHERS PATRICIA I	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
532	953152423	GRINDSTONE PARTNERS LLC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
533	954142608	PHAM PHUONG LAN T	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
534	954142442	RICHARDSON KARIN B	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
535	954142620	DELL PAMELA D	\$10,347.54	3.8735	\$40.08	\$85.66	\$171.56	\$46.00	\$0.00	\$343.30
536	953152427	AMERICAN ESTATE AND TRUST	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
537	953152604	LIN XIAOYING	\$5,103.48	3.8735	\$19.77	\$85.66	\$171.56	\$46.00	\$0.00	\$322.99
538	953152413	PEREZ MOSES	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
539	967060942	DIODATI FRANCESCO (CO-TTEE)	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
540	953152314	LONGO RICHARD B	\$4,394.19	3.8735	\$17.02	\$85.66	\$171.56	\$46.00	\$0.00	\$320.24
541	955152905	MOSES GAYLE	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
542	955153119	GEIST LOWELL K	\$3,408.00	3.8735	\$13.20	\$85.66	\$171.56	\$46.00	\$0.00	\$316.42
543	954142226	PURFEERST JAMES M	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
544	953151922	SEGUIN JEANNETTE	\$3,827.61	3.8735	\$14.83	\$85.66	\$171.56	\$46.00	\$0.00	\$318.05
545	953152318	MC RAE CHRISTINE	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
546	953152303	KERESTES PAUL A	\$3,621.00	3.8735	\$14.03	\$85.66	\$171.56	\$46.00	\$0.00	\$317.25
547	953152206	POLISHCHUK GRIGORY	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
548	954142527	GIBSON DOROTHEA	\$4,961.84	3.8735	\$19.22	\$85.66	\$171.56	\$46.00	\$0.00	\$322.44
549	954141906	HOUNG IRENE	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
550	954143014	LIM RONNIE B	\$4,819.13	3.8735	\$18.67	\$85.66	\$171.56	\$46.00	\$0.00	\$321.89
551	954142915	ORKNEY BERTHA A C (TTEE)	\$4,394.19	3.8735	\$17.02	\$85.66	\$171.56	\$46.00	\$0.00	\$320.24
552	955152813	SPANO WILLIAM A	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
553	954142628	WJHFL LLC	\$4,899.00	3.8735	\$18.98	\$85.66	\$171.56	\$46.00	\$0.00	\$322.20
554	953152502	ENLIGHTENING INVESTMENT LLC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
555	953152625	K & N PROPERTY INVESTMENTS LLC	\$3,940.50	3.8735	\$15.26	\$85.66	\$171.56	\$46.00	\$0.00	\$318.48

VACANT LOTS

556	953152923	BARTOLOME DELILAH	\$3,088.50	3.8735	\$11.96	\$85.66	\$171.56	\$46.00	\$0.00	\$315.18
557	953152425	BATHORY STEVE	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
558	955152808	NEW VISTA PROPERTIES INC	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
559	954142124	HEIVA HOLDINGS USA LLC	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
560	953151921	SWIFT CLEAR INVESTMENTS LLC	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
561	953152507	SINCLAIR M A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
562	953152417	KALLOO JOAN A (TTEE)	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
563	953152207	BRESA LINO	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
564	942153315	BRAINERD III HAROLD W	\$3,301.50	3.8735	\$12.79	\$85.66	\$171.56	\$46.00	\$0.00	\$316.01
565	953151903	KOSTESKI SIMON	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
566	953151929	SCHMIDT ROBERT R	\$4,110.90	3.8735	\$15.92	\$85.66	\$171.56	\$46.00	\$0.00	\$319.14
567	942153224	TODARO PHILLIP S	\$3,727.50	3.8735	\$14.44	\$85.66	\$171.56	\$46.00	\$0.00	\$317.66
568	953152406	MASTRATI JOHN A	\$3,685.97	3.8735	\$14.28	\$85.66	\$171.56	\$46.00	\$0.00	\$317.50
569	942153303	NEW VISTA PROPERTIES INC	\$3,514.50	3.8735	\$13.61	\$85.66	\$171.56	\$46.00	\$0.00	\$316.83
570	955152914	NEW VISTA PROPERTIES INC	\$3,088.50	3.8735	\$11.96	\$85.66	\$171.56	\$46.00	\$0.00	\$315.18

\$9,462.11 \$48,826.20 \$97,789.20 \$26,220.00 \$0.00

Totals \$182,297.51 \$182,297.51



City of North Port Myakkahatchee Creek Blockages



Disclaimer: This map is for reference purposes only and is not to be construed as a legal document. Any reliance on the information contained herein is at the user's risk. The City of North Port and its agents assume no responsibility for any use of the information contained herein or any loss resulting there from.

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CITY OF NORTH PORT
LOW IMPACT DEVELOPMENT (LID) PROJECTS AND CITY "GREEN ACHIEVEMENTS"
as of 4/16/2021

Year Installed	Project number	Project Name	Description
~2007		Public Works Site	Use stormwater from Creighton Waterway for irrigation. Use of grass swales for pretreatment prior to entering master stormwater pond system.
2005 and continuing		Islandwalk @ The West Villages all phases	Stormwater harvesting for irrigation
2007		Fertilizer Ordinance	Adopted a City-wide Fertilizer Ordinance which prohibited a fertilization of lawns during the wet season period between June 1 and September 30. Required 50% slow release fertilizer if used in the allowable periods.
2008		North Port Medical Specialist facility on US 41 near Espanola Ave.	Developer installed 7 pervious asphalt parking spaces at a new North Port Medical Specialist facility along US 41.
2009		Sumter Boulevard Phase 2 widening project	City installed 3 aeration fountains in wet detention ponds and planted non-invasive littoral zone plants as part of the Sumter Boulevard Phase 2 widening project
2009		Lowes store	Stormwater harvesting for irrigation. A shallow well recharges the wet pond during the dry periods.
2009		PBSJ Study North Port Enhancement Project Report	City study cooperatively funded with SWFWMD indicated that the total nitrogen levels within North Port waterways are "lower than the reference levels for natural Florida Streams generated in the 1996 FDEP 305(b) report". This is due to the extensive grass swales system in North Port.
2010		SWFWMD Community Education Grant for \$1,761.94	Grant funded purchase 100 stormdrain markers which were installed with assistance from the Community and kids. Conducted public education on water quality protection and installed two educational signs
2010		City of North Port Unified Land Development Code (ULDC) New Stormwater Regulations	City adopted new ULDC Chapter 18 - Stormwater Regulations in June 2010 which required all developments to incorporate LIDs to the maximum extent practicable. City water quality regulations required treatment volume of 1-inch of runoff for any systems, wet or dry. This is above the SWFWMD requirement for 1/2" of runoff for dry systems. City required aeration systems in wet ponds and planted littoral zone with non-invasive aquatic plants with 85% survival rate.
2010		Grass parking at Morgan Family Center/Butler Park	Many parking spaces at these facilities were installed as grass parking.
2010	MAS-08-093	Cocoplum Village Shoppes on US 41 near Salford Blvd	Stormwater harvesting for irrigation.
2010		Toledo Blade Boulevard Widening Project	City planted littoral zones and entire pond periphery with cord grass (Spartina Bakeri) at two stormwater ponds.
2011		City Hall near Post Office	City installed an aeration fountain in a wet detention pond.
2011		Florida Green Building Coalition Gold Rating	City received the FGBC Gold Rating which is the highest rating achieved at that time in Florida for good environmental practices in "green" development
2011		Kingdom Hall Church	Kingdom Hall new church facility incorporated 10 pervious concrete parking spaces
2011		City's Atwater Park	Stormwater harvesting for irrigation with recharge well. Also installed an aeration fountain in a wet detention pond.
2012		SWFWMD Community Education Grant for \$4136	Grant funded planting of non-invasive aquatic plants around the periphery area of the North Port Library pond, Public workshops on proper fertilizer usage and aquatic planting benefits, two major City clean up events and six educational signs installed throughout the City to encourage protection of waterways.
2012		Sarasota County Area Transit at City Center	City coordinated with SCAT to install 15 pervious concrete parking spaces, along with a bioswale between parking spaces.
2012	MAS-08-093	Cocoplum Village Shoppes on US 41 new Salford Blvd	Developer installed aeration fountains in two wet detention ponds
2014		City Center George Mullen Activity Center (GMAC)	City installed a new section of Pervious Concrete sidewalk as part of the Phase 1 GMAC improvements
2014		Sarasota County Area Transit (SCAT) at City Center	An electric car charging station was added in June 2014.
2014	MAS-13-141	Turnberry Trace Recreation Center	Installed 7 parking spaces with Pervious Concrete
2014	MAS-14-032	Gran Paradiso Amenity Center Phase 2	Brick pavers on sand for sidewalks and decking, grassed swales for conveyance before entering inlets and ponds, FF landscaping, oversized stormwater pond, aeration in Lake 34. Project completed in March 2016
2015	MAS-13-137	Aldi food Store on US 41/Salford Blvd	Constructed 11 pervious concrete parking spaces
2015		City Center George Mullen Activity Center (GMAC)	City installed a new section of Pervious Concrete sidewalk as part of the Phase 2 GMAC improvements
2016	MAS 14-105	Goodwill	* 8 Pervious parking stalls - 2.36" thick "Aquaflow" Pavers on 2" thick 1/4" diameter clean crushed stone, over 140N Mirafi over 6" FDOT #57 stone 95% Modified Proctor, over 140N Mirafi, 12" Subgrade 98% Modified Proctor. Grass swales before inlets.
2017	MAS-15-129	Lowes Outparcel	Stormwater harvesting for irrigation.
2017	MAS-16-070	Autozone at Toledo Creek (S of Price, west side of Toledo Blade	20 pervious concrete parking spaces, grass retention area before master stormwater pond, deep sump at several inlets
2017	INF-15-089	Toledo Creek	Floguard inlet inserts installed on 9 Type 9 Index 214 inlets
2018	MAS-15-180	Circle K at Heron Creek Town Center	Less impervious than allowable, 77.88% vs 94.0%
2017	MAS-16-055	7-Eleven Store #37298 at Toledo Creek	70% impervious compared with allowable 95% impervious. Pervious concrete sidewalks adjacent to store
2017	INF-14-149	Gran Paradiso Phase 3	All of the driveways for the paired villa (duplex) units are pavers on sand. There are swales along the rear of lots 687-734 which will provide open flow contact time / pre-treatment prior to discharging to lake 29. There is also a 1,000± LF swale outfalling a portion of Renaissance Boulevard prior to draining into lake 68. This swale will also provide some open flow contact time / pre-treatment prior to discharging to the lake

Year Installed	Project number	Project Name	Description
2017	INF-16-122	Gran Paradiso Phase 7	<ul style="list-style-type: none"> Minimize impervious area - The overall Gran Paradiso property (± 1,068.09 acres) will consist of approximately±231.36 acres of conservation areas, including wetland and gopher tortoise preserves. There will also be approximately± 222.84 acres of lake area and± 135.72 acres of additional open space. Thus, as a percentage of the total development there will be 21.7% conservation area, 20.9% lake area, and 12.7% open area. Overland flow areas <p>Where achievable, stormwater runoff is allowed to sheet flow across areas of vegetation prior to flowing into on-site retention areas or wetland areas.</p> <ul style="list-style-type: none"> Minimizing of sidewalk widths in areas with lower pedestrian traffic <p>In strategic areas of the community (e.g. along Prestigio Boulevard), sidewalk widths were decreased, thus decreasing impervious area. This was done in order to minimize the amount of required disturbance of native vegetation and habitats.</p> <ul style="list-style-type: none"> Inclusion of aerators in lakes <p>Aerators have been added to lakes throughout the development, with 3 included in the Phase 7 project.</p> <ul style="list-style-type: none"> Use of pavers throughout the development <p>Where possible, pavers have been used in lieu of concrete pavement. This is most prevalent at the entrance l clubhouse area and driveways of home sites throughout</p>
2017	INF-16-022	Islandwalk Phase 5	Stormwater reuse for irrigation
2017	MAS-16-172	Gran Paradiso, Coach Homes-2 and Mass Grading	<ul style="list-style-type: none"> Limiting the footprint of improvements on the property. <p>The overall Gran Paradiso property (± 1,068.09 acres) will consist of approximately ± 231.36 acres of conservation areas, including wetland and gopher tortoise preserves. There will also be approximately± 222.84 acres of lake area and± 135.72 acres of additional open space. Thus, as a percentage of the total development there will be 21.7% conservation area, 20.9% lake area, and 12.7% open area.</p> <ul style="list-style-type: none"> Overland flow areas <p>Where achievable, stormwater runoff is allowed to sheet flow across areas of vegetation prior to flowing into on-site retention areas or wetland areas.</p> <ul style="list-style-type: none"> Minimizing of sidewalk widths in areas with lower pedestrian traffic <p>In strategic areas of the community (e.g. along Prestigio Boulevard), sidewalk widths were decreased, thus decreasing impervious area. This was done in order to minimize the amount of required disturbance of native vegetation and habitats.</p> <ul style="list-style-type: none"> Inclusion of aerators in lakes <p>Aerators have been added to lakes throughout the development, with 3 included in the Phase 7 project.</p> <ul style="list-style-type: none"> Use of pavers throughout the development <p>Where possible, pavers have been used in lieu of concrete pavement. This is most prevalent at the entrance / clubhouse area and driveways of home sites throughout</p>
2017	INF-14-089	Suncoast Plaza	Long Bioswales for additional treatment along roadways, fountains in wet ponds
1/24/18	MAS-17-013	Heartland Dental	Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system. Impervious area is 68% compared to allowable 95%
1/24/18	MAS-16-020	Jiffy Lube	Runoff into three grass retention swales prior to discharge into the master stormwater piping/pond system. Ditch bottom inlets in the grass retention swales are set 0.5' higher than swale bottom. 41.7% impervious compared with allowable 95% impervious .
1/24/18	GEN-15-172	North Port Library Parking Expansion	23 Pervious Concrete parking stalls for this parking expansion
2/9/18	MAS-15-179	Sherwin Williams	Long linear rgrass swales before entering dry retention pond
2/26/18	MAS-17-001	7-11 at Cranberry	3 Pervious Pavers parking stalls
2/27/18	MAS-16-131	Heron Creek Animal Hospital	Impervious area reduced by 20% from allowable
3/3/18	MAS-14-053	Pine Park Walking Trails	4ft wide Pervious path 1.5" Flexipave HD 1500 over 4" #57 stone over Filter Fabric US160NW over Stabilized Subgrade max 95% modified Proctor Density ASTM D-1557
5/2/18	MAS-17-030	O Reilly Auto Parks	Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system. . Minimized impervious from 70% to 58.73%
5/16/18	INF-15-174	Oasis	Stormwater reuse for irrigation, 3 fountains for aeration in wet ponds, 684 sf (4 parking spaces) in pervious concrete at Amenity Center.
5/17/18	MAS-16-191	Tract C North Port Industrial Park (MTI)	8 Pervious Concrete Stalls, less impervious than allowed
Oct 2018	INF-15-153	Dog Park under included Renaissance	Stormwater Harvesting from Lake 3-2
12/7/2018	MAS-17-218	Taco Bell at Heron Creek Town Center	Less impervious than allowable, 63.8% vs 94.0%. Florida Friendly Landscaping used
5/23/19	INF-15-153	Renaissance At West Villages	Stormwater Harvesting for irrigation from Lake 5 with recharge well, Impervious area reduced by 8% from allowable
5/23/19	MAS-17-075	Braves Stadium	Stormwater Harvesting for irrigation with recharge from existing borrow pit, grass bioswales, grass parking >2000 spaces, fountains
12/4/19	MAS-17-107	Waffle House at Heron Creek Town Center	Less impervious than allowable, 60.6% vs 94.0%. Two grass pretreatment areas before entering master system.
3/25/20	MAS-18-186	Heartland Dental West Villages	3 Turf block pavers, small grass swale pretreatment area
7/6/20	MAS-18-081	Lakeside Medical Building	Grass pretreatment floodplain storage areas, 7 pervious concrete parking stalls
9/11/20	CIP-19-218	Garden of 5 Senses Walking Trail	Pervious Walking Trail 1.5" KBI Flxi-oave HD2000 on 4: of #57 stone on stabilized sub base LBR40. Two KBI Permadrive Parking Stalls 1.5-inch Permadrive with 4" #57 stone on stabilized sub base LBR40
11/3/20	INF-17-093	Gran Paradiso Phase 5B	<ul style="list-style-type: none"> Inclusion of aerators in lakes Use of pavers on driveways Preservation of Native and wetlands vegetation where possible Use of Florida Friendly landscaping Rear yards swales for extra treatment
11/3/20	INF-17-217	Gran Paradiso Phase 8	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.
2/16/2021	MAS-19-282	Chase Bank at West Villages Marketplace	15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system
12/4/2020	MAS -18-015	Oasis Amenity Center	Grass Swales before entering wet detention pond, 2728 sf pervious pavers
1/22/2021	MAS-18-127	Tire Kingdom / Coastal Car Wash	Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system
6/29/2020	INF-17-111	The Preserve Phase 3	Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain
3/2/2021	MAS-18-064	Hampton Inn & Suites @5664 Tuscola Blvd	Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.
Under Construcion	MAS-19-035	West Villages Welcome Center	Pavers proposed at the entrance are set on sand as a pervious pavement.

Year Installed	Project number	Project Name	Description
Under Construcion	MAS-19-140	Experience Living at North Port	Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.
Under Construcion	INF-20-051	West Villages Downtown Phase 1 Wellen Park	1. Stormwater harvesting for irrigation. 2 Use of pervious pavers that are set on shell material rather than concrete (In total, project proposes 25,660 SF of pervious pavers)
Under Construcion	INF-19-017	Tortuga	Stormwater harvesting for irrigation and paver driveways
Under Construcion	INF-20-19	Gran Park	Utilize paver driveways. Irrigation will be supplied through reuse provided by the WVID
Under Construcion	MAS-19-318	Palm Port Apartments	Stormwater harvesting for irrigation from 2 wet ponds with recharge well. 19 turf block parking stalls.
Under Construcion	MAS-20-091	Florida Cancer Specialists	Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.
Under Construcion	MAS-18-078	Kenvil Apartments	Multiple grass swale pre-treatment and 10 grass parking
Future	MAS-17-003	Villas of Holly Brook	According to OPI (Office Professional Institutional) zone district, Section 53-94-Maximum lot coverage; Buildings can cover up to 50% of available lot area. The current site design has a total impervious coverage of 55% (including building, parking, and sidewalks) so impervious area was kept at a minimum. Two landscaped gardens are provided between the building and the Cocoplum Waterway. The garden's runoff travels through yard drains which are all located in grassed depressions. The larger garden drains to the yard drains which then flow into a dry grassed swale before ultimately meeting the dry retention pond. The northwest parking lot quadrant was also regraded so the area flows into a grassed depression before draining to the dry pond.
Future	MAS-17-038	Wawa - Toledo Blade & Price	Modification of previous Bioswale #3 plus 2 more bioswales increase bioswale volume from 0.03 ac-ft to 0.086 ac-ft. Impervious area is 74.2% compared to allowable 85%. 9 pervious pavement parking stalls
Future	MAS-18-047	Checkers only formerly included Fuzzy Taco at Shoppes of North Port	Redevelopment of existing shopping center reduce the impervious area from 39,525.29 SF to 35,962.46 SF. Impervious area under traffic is reduce by 13,530.00 SF.
Future	MAS-17-221	Gateway at Cocoplum Phase 2 part 1 Texas Road House	27 Pervious concrete parking spaces, 5" pervious concrete over 4" #57 stone
Future	MAS-18-289	Racetrac At Talon Bay MAS-18-289	Less impervious than allowable, 65% vs allowable 70%. Run off to long grass swales.
Future	INF-19-116	Oasis Phase 3	Grass swales for 8 lots before pond
Future		Kenvil Park Apartments MAS-19-090	The development has been designed to be as compact as possible, minimizing impervious areas. Large portions of the roofs are directed to green areas, to disconnect impervious areas. In addition, treated stormwater from the site is discharged through the proposed floodplain compensation pond, such that the discharge must travel through the entire length of the pond prior to leaving the site, which provides additional sediment settling capacity and nutrient assimilation beyond the treatment provided by the effluent filtration system. We have also included a floating fountain/aerator in the floodplain compensation pond to supplement the available dissolved oxygen supply and to provide an aesthetically pleasing visual amenity.
Future	PRE-19-203	US41 Linear Parking on Zagrobelny Way on north side of US41 between North Port Blvd and Espanola Ave.	76 pervious concrete parking between North Port Blvd and Espanola on the US 41 North access road
Future	MAS-20-055	North Port Village	Grass pretreatment swales.
Future	MAS-20-094	FIRESTONE STORE #912085 - NORTH PORT	Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system
Future	MAS-20-034	BISCAYNE SQUARE	Stormwater Reuse and 33 pervious concrete parking stalls, 4" pervious concrete over 4" of sand of subgrade 95% Mod proctor
Future	INF-20-120	West Villages - Village F-1 Phase 1	Stormwater harvesting for irrigation
Future	INF-20-218	Playmore Drive Extension	Master irrigation system which uses a combination of reuse, stormwater, and groundwater sources for its irrigation water
Future	MAS-20-192	Wellen Park Downtown Phase 1 Tracts 4, 5, and 7	Pedestrian paver areas are set on sand a crushed stone. EV charging stations included in both parking lots. A total of 29 Live oak trees totaling 593" are being preserved and relocated on site to provide in excess of 43,000 SF of preserved canopy coverage. A 2.3-mile lake trail system is proposed that will allow users to experience several acres of wetland preservation, accompanied by multiple access points to the water for recreational activities. The downtown and lake improvements provide a vast amount of open green space with enhanced native and Florida Friendly plantings. Reclaimed water used for irrigation.
Future	MAS-20-246	Cedar Grove 2A Amenity Center	Project utilizes stormwater re-use for irrigation. Added depressional areas around several inlets to allow for percolation of runoff prior to discharging into the stormwater system
Future	REV-21-053	Domino's Pizza	Parking directed to grass swale then to two dry retention ponds
Future	INF-20-048	Central Parc	Stormwater inflow from adjacent sites and flow from the back of onsite lots has been directed through vegetated swales in a number of areas prior to discharging to the onsite ponds to incorporate LID. Additional littoral area was also provided in the lakes above what was required

Public Outreach Activities

Event	Flood Information Related Brochure Type	Date of Event	Amount Available	Date Remaining Brochures Counted	Amount Remaining	Amount of Flyers Given	Water Quality Protection Flyers	Flood Info. Flyers	No. of Participants (flood Related)	No. of Participants (Water Quality Related)	Neighborhood Presentation	Public Displays on Water Quality	School Presentation on Water Quality	Seminar/ Workshop on Water Quality	Special Event on Water Quality	City Staff
2020 Hurricane Preparedness in the Age of Covid-19	Presentation to Gran Paradiso	7/14/20	28			28		28	28							Eric T did ppt and gave Flood Insurance Page
2020 Hurricane Preparedness in the Age of Covid-19	Presentation to Gran Paradiso	7/29/20	21			21		21	21							Eric T did ppt and gave Flood Insurance Page
Hurricane Preparedness email to all City Employees	2 FEMA brochures (1)FEMA How To Prepare for a Hurricane - Before During After (2)create-your-family-emergency-communication-plan	8/7/20							600							Dawn Shorter sent email to City Staff
Annual Summer Camp at George Mullens Activity Center - Lesson on water quality protection and flood protection by Public Works Staff		8/6/20							50	50			50			Mike Fear discussed water quality protection and flood protection with the kids at City Summer camp.
Annual Summer Camp at George Mullens Activity Center - Lesson on where water comes from and how it is processed by Utilities Staff		8/5/20								100						Colleen Hibbits
Virtual CRS meeting for City staff and Stake holders and General Public to encourage Participation in FMP 5-year update	Virtual TEAMs meeting	9/17/20							26	26				1		EW Chaired this meeting
Virtual CRS meeting for City staff and Stake holders and General Public to encourage Participation in FMP 5-year update	Virtual TEAMs meeting	12/3/20							21	21				1		EW Chaired this meeting
Flyers given out by Utilities staff	Utilities Know Where It Flows Brochure	12/31/20				100	100			100						Colleen Hibbits distributed in her Public Outreach
Radio WKDW 97.5 Talk Show with John Rawlings - Discussed Canal / Creek system for potable water supply and need to protect from pollutants dumped into the surface water, fertilizer usage, flood protection, flood mapping efforts, CRS flood insurance discounts.		9/28/20							983	983					1	Mike Fear and E. Wong were guests at the John Rawlings Radio talk show. 983 Facebook hits
City Hall 1st Floor Lobby area	Fertilizer Fact Sheet	1/4/21	23			23	23					4				Elizabeth Wong
	Know Where Your Drinking Water Comes From		0			0	0									
	Flood Information 10 Topics Flyer		0			0		0								
	Fertilizer New Flyer (CHNEP funded)		0			0	0									
City Hall 2nd Floor Lobby area	Fertilizer Fact Sheet	1/4/21	20			20	20					4				Elizabeth Wong
	Know Where Your Drinking Water Comes From		30			30	30									
	Flood Information 10 Topics Flyer		21			21		21								
	Fertilizer New Flyer (CHNEP funded)		36			36	36									
City Hall 3rd Floor Lobby area	Fertilizer Fact Sheet	1/4/21	17			17	0	0				4				Elizabeth Wong
	Know Where Your Drinking Water Comes From		45			45	0	0								
	Flood Information 10 Topics Flyer		29			29	0	0								
	Fertilizer New Flyer (CHNEP funded)		30			30	0	0								
City Hall Planning Lobby area	Fertilizer Fact Sheet	1/4/21	24			24	0	0				4				Elizabeth Wong
	Know Where Your Drinking Water Comes From		23			23	0	0								
	Flood Information 10 Topics Flyer		25			25	0	0								
	Fertilizer New Flyer (CHNEP funded)		0			0	0	0								
Public Works Lobby area	Fertilizer Fact Sheet	1/4/21	30			30	0	0				4				Elizabeth Wong
	Know Where Your Drinking Water Comes From		36			36	0	0								
	Flood Information 10 Topics Flyer		30			30	0	0								
	Fertilizer New Flyer (CHNEP funded)		43			43	0	0								
Mailers to all affected properties on 90-day Public Appeals/Comment Period for FEMA new Preliminary 12/31/19 Coastal Risk Maps		3/31/21							6840							Sent by Savannah White and Justin Bryde in Planning
Talon Bay HOA Zoom Meeting on preliminary Coastal FIRM dated 12/31/2019		4/6/21							51							Elizabeth Wong gave an overview of the flood zone and BFE changes and 90-day public appeal and comment process
Total from 3/6/2020 to 4/22/2021							209	70	8620	1280	0	20	50	2	1	

News, Newsletters, Social Media Public Outreach

Date	Description	No. of Distribution	Water Quality	Flood Related
5/1/20	Posted on Facebook, Twitter, Instagram and Nextdoor - North Port Receives Increased Discount on Flood Insurance Effective May 1, 2020	11353		11353
5/1/20	City News Release - North Port Receives Increased Discount on Flood Insurance Effective May 1, 2020	546		546
5/28/20	Facebook Post reminding residents of the Fertilizer Ban that starts June 1st	3764	3764	
6/29/20	Herald Tribune Article - North Port Properties Flooding	53,470		53470
6/30/20	Utility bill message "To protect the water quality in our waterways, no fertilizers containing nitrogen and/or phosphorus can be applied to lawns during the rainy season from June 1 – Sept 30. However, we are encouraging residents to voluntarily avoid using fertilizer year-round."	26,595	26,595	
7/2/20	Facebook post by Colleen Hibbits in Utilities reminding resident to refrain from Fertilizer year round and fertilizing restriction June 1 to Sept 30	7,508	7,508	
7/31/20	Utilities bill message "Rainy season is here. Please access the City's website at www.cityofnorthport.com/flood for flood protection information. Know your flood zone and purchase flood insurance if needed."	26,595		26,595
August-20	City Newsletter to all North Port residents on Flood Protection Tips	77,561		77,561
8/29/20	Virutal CRS meeting posted on City Calendar of Events to encourage Public Participation			
9/28/20	Facebook hits on Radio WKDW 97.5 Talk Show with John Rawlings - Discussed Canal / Creek system for potable water supply and need to protect from pollutants dumped into the surface water, fertilizer usage, flood protection, flood mapping efforts, CRS flood insurance discounts.	983	983	983
12/5/20	Sun Newspaper - North Port's recycling program saved \$550K in first year	30,000	30,000	
1/21/21	Facebook - WCS No. 106 Ribbon Cutting and description of waterway and structures purpose	3,549	3,549	3,549
1/23/21	Sun Newspaper - Weir-y of waiting WCS No. 106 Ribbon Cutting and description of waterway and structures purpose	30,000	30,000	30,000
3/5/21	Facebook- FEMA's 90-day Public Appeal and Comment Period on Preliminary Flood Insurance Rate Maps (FIRMs) Released December 31, 2019	3,770		3,770
3/5/21	Twitter- FEMA's 90-day Public Appeal and Comment Period on Preliminary Flood Insurance Rate Maps (FIRMs) Released December 31, 2019	3,834		3,834
3/5/21	City Web News Release - FEMA's 90-day Public Appeal and Comment Period on Preliminary Flood Insurance Rate Maps (FIRMs) Released December 31, 2019	386		386
3/12/21	Update of City webpage "FEMA Flood Map Updates" with information on the 90-day public appeal and comment period for the preliminary FIRMs released December 31, 2019	18,625		18,625
3/12/21	Update of City webpage "Map Appeal Flood Insurance and-Letter of Map Changes" with information on the 90-day public appeal and comment period for the preliminary FIRMs released December 31, 2019	765		765
4/2/21	Herald Tribune Newspaper - North Port video urges residents to scoop pet poop to keep parks andwaterways clean	53,470	53,470	
4/2/21	Facebook Video - Scoop Scoop Baby: Help Us Keep North Port Clean & Pick Up After Your Pets	6,400	6,400	
4/2/21	NextDoor Video - Scoop Scoop Baby: Help Us Keep North Port Clean & Pick Up After Your Pets	2,658	2,658	
4/2/21	YouTube Video - Scoop Scoop Baby: Help Us Keep North Port Clean & Pick Up After Your Pets	426	426	
4/2/21	Twitter Video - Scoop Scoop Baby: Help Us Keep North Port Clean & Pick Up After Your Pets	424	424	
4/2/21	Instagram - Scoop Scoop Baby: Help Us Keep North Port Clean & Pick Up After Your Pets	889	889	
4/3/21	SNN Web coverage: https://www.snnv.com/story/43597119/city-of-north-port-launches-scoop-campaign			
Total from 3/6/2020 to 4/22/2021		363,571	166,666	231,437

November 18, 2019

Eric Tiefenthaler
Chief of Emergency Management
City of North Port
4980 City Center Blvd
North Port, FL 34286

Dear Eric,

Congratulations on the successful *StormReady* application for North Port. The recognition is valid until July 8, 2023 at which time the City will have the opportunity to renew. North Port has been recognized as StormReady since 2014. Your efforts, and those of your team, will better prepare North Port to protect life and property from the onslaught of hazardous weather through better planning, education, and awareness. No community is storm proof, but *StormReady* can help save lives.

Sincerely,



Daniel Noah
Warning Coordination Meteorologist
National Weather Service – Tampa Bay Area
(813) 645-2323

Cc: *StormReady* Advisory Board



The West Central and Southwest Florida Storm Ready
Advisory Board has Recognized

North Port

as a

STORM READY COMMUNITY

until July 8, 2023



Daniel Noah

Daniel Noah, Warning Coordination Meteorologist
National Weather Service, Ruskin, FL



City of North Port

RESOLUTION NO. 2019-R-06

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF NORTH PORT, FLORIDA, ADOPTING THE SARASOTA COUNTY PROGRAM FOR PUBLIC INFORMATION; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of North Port, Florida, is a participant in the National Flood Insurance Program Community Rating System ("CRS"), a national program developed by the Federal Emergency Management Agency ("FEMA") to provide flood insurance premium reductions to participating communities; and

WHEREAS, the reductions in flood insurance premiums are based on a community's floodplain management programs, which include public information outreach activities; and

WHEREAS, in accordance with the 2018 CRS audit results, the City of North Port received a CRS rating of 6, which corresponds to a twenty percent (20%) flood insurance discount for structures within the Special Flood Hazard Area ("SFHA") and a ten percent (10%) flood insurance discount for structures outside of the SFHA; and

WHEREAS, Sarasota County initiated the Program for Public Information ("PPI"), a FEMA planning tool, to coordinate such outreach; and

WHEREAS, Sarasota County's PPI has a number of ongoing outreach efforts with goals to increase flood hazard awareness, encourage flood insurance coverage, protect people from the flood hazard, protect property, build responsibly, protect the natural functions of floodplains, encourage hurricane preparations, educate people about flood economics and inform people about how sea level rise will affect the community; and

WHEREAS, the Sarasota County Program for Public Information ("PPI") Committee is comprised of a cross-section of employees and community stakeholder members from Sarasota County Government, the City of Sarasota, the City of Venice, the City of North Port, the Town of Longboat Key, the Sarasota Bay Estuary Program, Mote Marine, and local business representatives such as Realtors, Insurance Agents, and Mortgage Lenders, is open for participation by all interested parties including private citizens, and is chaired by the Sarasota County Stormwater Department Director or designee; and

WHEREAS, by adopting Sarasota County's PPI, the City of North Port may achieve a CRS rating of 5, which will increase the City's flood insurance discount for structures within the SFHA to twenty-five percent (25%); and

WHEREAS, the City Commission of the City of North Port, Florida finds that it serves the public health, safety, and welfare of the citizens of the City to adopt Sarasota County's Program for Public Information.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF NORTH PORT, FLORIDA:

SECTION 1 – INCORPORATION OF RECITALS

1.01 The above recitals are hereby ratified and confirmed as being true and correct and are incorporated herein by reference.

SECTION 2 – RESOLUTION

2.01 The City Commission hereby adopts the Sarasota County Program for Public Information.

2.02 The City Commission directs the City Manager to assign a coordinator on the Sarasota County Program for Public Information Committee.

SECTION 3 – CONFLICTS

3.01 In the event of any conflict between the provisions of this resolution and any other resolution or portions thereof, the provisions of this resolution shall prevail to the extent of such conflict.

SECTION 4 – SEVERABILITY

4.01 If any section, subsection, sentence, clause, or phrase of this resolution is held invalid or unconstitutional by any court of competent jurisdiction, such provision shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions hereof.

SECTION 5 – EFFECTIVE DATE

5.01 This resolution shall take effect immediately upon adoption by the City Commission of the City of North Port, Florida.

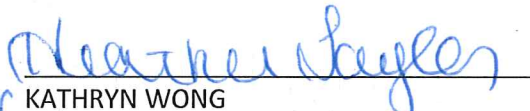
PASSED and DULY ADOPTED by the City Commission of the City of North Port, Florida this 23rd day of July 2019.

THE CITY OF NORTH PORT, FLORIDA



CHRISTOPHER HANKS
MAYOR

ATTEST

for 
KATHRYN WONG
CITY CLERK

APPROVED AS TO FORM AND CORRECTNESS


AMBER L. SLAYTON
CITY ATTORNEY



**City of North Port
City Manager's Office**

Interoffice Memorandum

To: Cari Branco, Assistant City Manager
Jason Yarborough, Assistant City Manager
Julie Bellia, Public Works Director
Kimberly Ferrell, Finance Director
Todd Garrison, Police Chief
Christine McDade, Human Resources Director
Frank Miles, Neighborhood Development Services Director
Rick Newkirk, Utilities Director
Sandy Pfundheller, Parks & Recreation Director
Scott Titus, Fire Chief
Katy Wong, City Clerk
Amber Slayton, City Attorney

From: Peter D. Lear, City Manager 

Date: July 26, 2019

RE: Sarasota County Program for Public Information

Pursuant to Resolution 2019-R-06, the City will be participating in the Sarasota County Program for Public Information (PPI) and I am designating Elizabeth Wong to be the City's Coordinator on the PPI Committee.

PDL/amd



Elizabeth Wong

From: Elizabeth Wong
Sent: Thursday, October 4, 2018 4:28 PM
To: Donna Bailey
Cc: Dean McConville (dean.mcconville.p6je@statefarm.com); Mary Foster (mary.foster.hzp4@statefarm.com); Barbara Lockhart (bml3220@gmail.com); Alan Fish (landsurveyor@vbfainc.com); Heather Hansen - Clatsop County (hhansen@co.clatsop.or.us); Craig Carpenter - CRS Specialist (BCarpenter@iso.com); Gerardo Traverso; Julie Bellia
Subject: City of North Port Joining the County's PPI program for CRS Program

Hello Donna, thank you so much for letting us join your Sarasota County Program for Public Information (PPI) program to share information with the public on flood protection. Following are the North Port Team staff and stakeholder members to add to your PPI plan. Can you please send our team (cc'd on this email) a copy of your PPI plan when finalized?

Craig, I am copying you so you know we are on track hopefully towards the better rating of CRS 5.

Name	Affiliation	Email	Telephone
Elizabeth Wong, P.E. (Prime City Staff)	City of North Port Stormwater Manager	ewong@cityofnorthport.com	941-240-8321 office 941-628-1475 Cell
Heather Hansen (Alternate City Staff)	City of North Port Senior Planner	hhansen@cityofnorthport.com	941-429-7022 office
Dean McConville (Prime Stakeholder)	State Farm Insurance	dean.mcconville.p6je@statefarm.com	(941) 429-3326 office
Mary Foster (Alternate Stakeholder)	State Farm Insurance	mary.foster.hzp4@statefarm.com	(941) 429-3326 office
Alan Fish (Alternate Stakeholder)	VBF Surveying	landsurveyor@vbfainc.com	(941) 426-0681 office
Barbara Lockhart (Alternate Stakeholder)	North Port Canal Watch Group and Environmental Advisory Board	bml3220@gmail.com	(941) 218-9775 cell

Elizabeth Wong P.E.
Stormwater Manager
City of North Port
Department of Public Works
1100 N. Chamberlain Blvd
North Port, FL 34286
Phone 941.240.8321
Fax 941.240.8063
ewong@cityofnorthport.com
www.cityofnorthport.com

A City where you can "Achieve Anything."