



## **Stormwater Projects / Program Report**

### **Tampa City Council Update**

**No. 26 - June 15, 2023**

#### **A) Major Capital Improvements**

Projects 1-6 are regional multi-year flooding relief projects for the City of Tampa. Each project fact sheet includes a description, location map, and timeline status. Each of these projects is in various stages of development and will continue for a number of years due to the complexity and comprehensive nature of the project. Project 6 incorporates the Miscellaneous Neighborhood Projects that typically have a six (6) month or less construction timeline and each have their own fact sheet.

1. North Tampa Closed Basin Flooding Relief
2. Cypress Street Outfall Extension
3. Southeast Seminole Heights Flooding Relief
4. Lower Peninsula Flooding Relief
5. Golf View Flooding Relief
6. Resilient SoHo
7. Miscellaneous Capital Improvements

#### **B) Stormwater Capital Improvement Bond Program Report**

#### **C) Stormwater Service Assessment Program \$14,000,000+**



# 1. North Tampa Closed Basins Flooding Relief

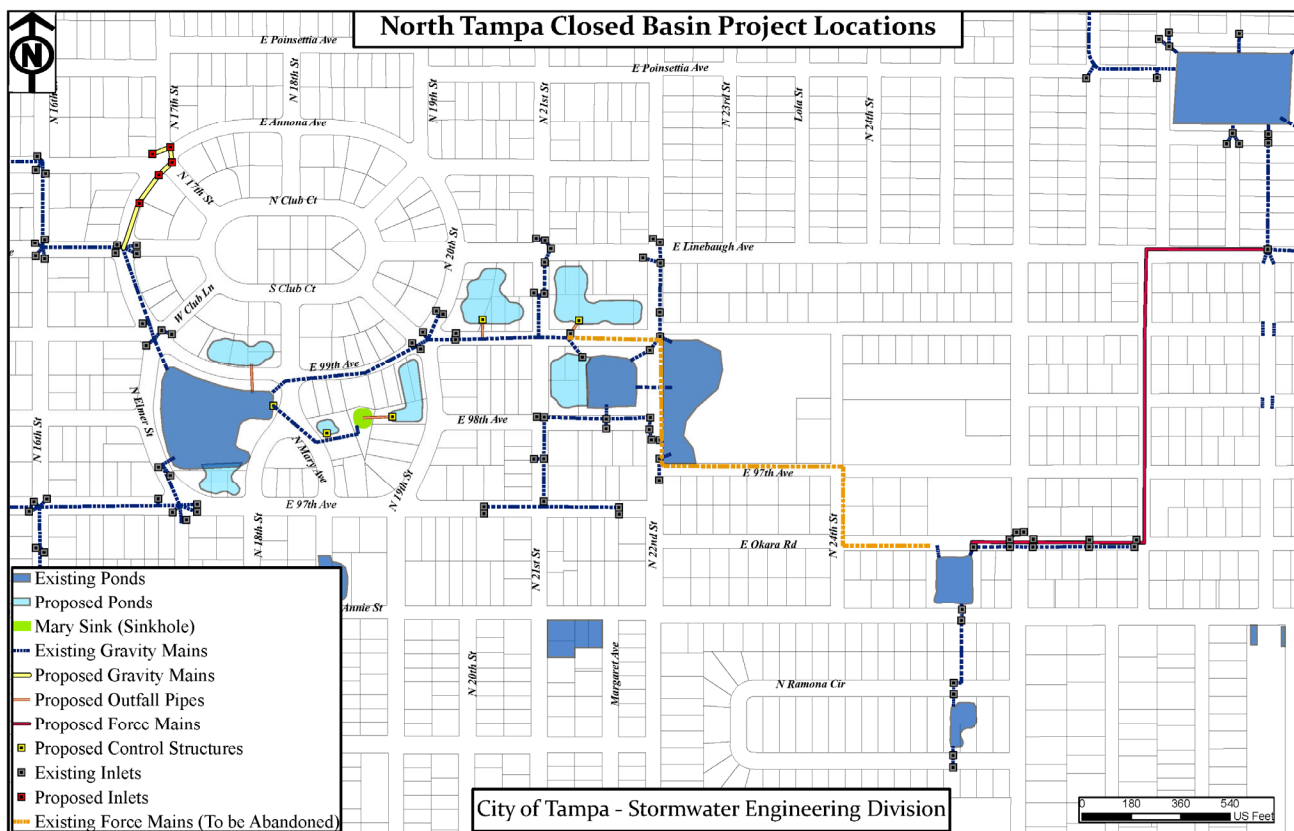
## Flooding Relief & Water Quality Improvement

### Project Description:

Portions of the northern part of the City of Tampa flood periodically due to their location within closed drainage basins and the absence of drainage infrastructure to provide relief. The North Tampa Closed Basins (NTCB) study area is generally bounded by Fowler Avenue on the north, 30th Street on the east, Busch Boulevard on the south and Florida Avenue on the west and includes several individual closed basins that comprise a portion of the springshed for Sulphur Springs, which is located on the north bank of the Hillsborough River just west of Nebraska Avenue. These areas rely primarily on discharge to groundwater through sinkholes, whose receiving capacity has been observed to be unreliable due to sedimentation/clogging, high groundwater levels or possible collapse of subsurface conveyances.

Based on a model and study of the closed basin area, properties are targeted for acquisition and will serve as future stormwater ponds. Approximately 50 properties have been identified. The project consists of property acquisition, sinkhole restoration, expansion of existing ponds, construction of new ponds and control structures in the area experiencing the most severe flooding.

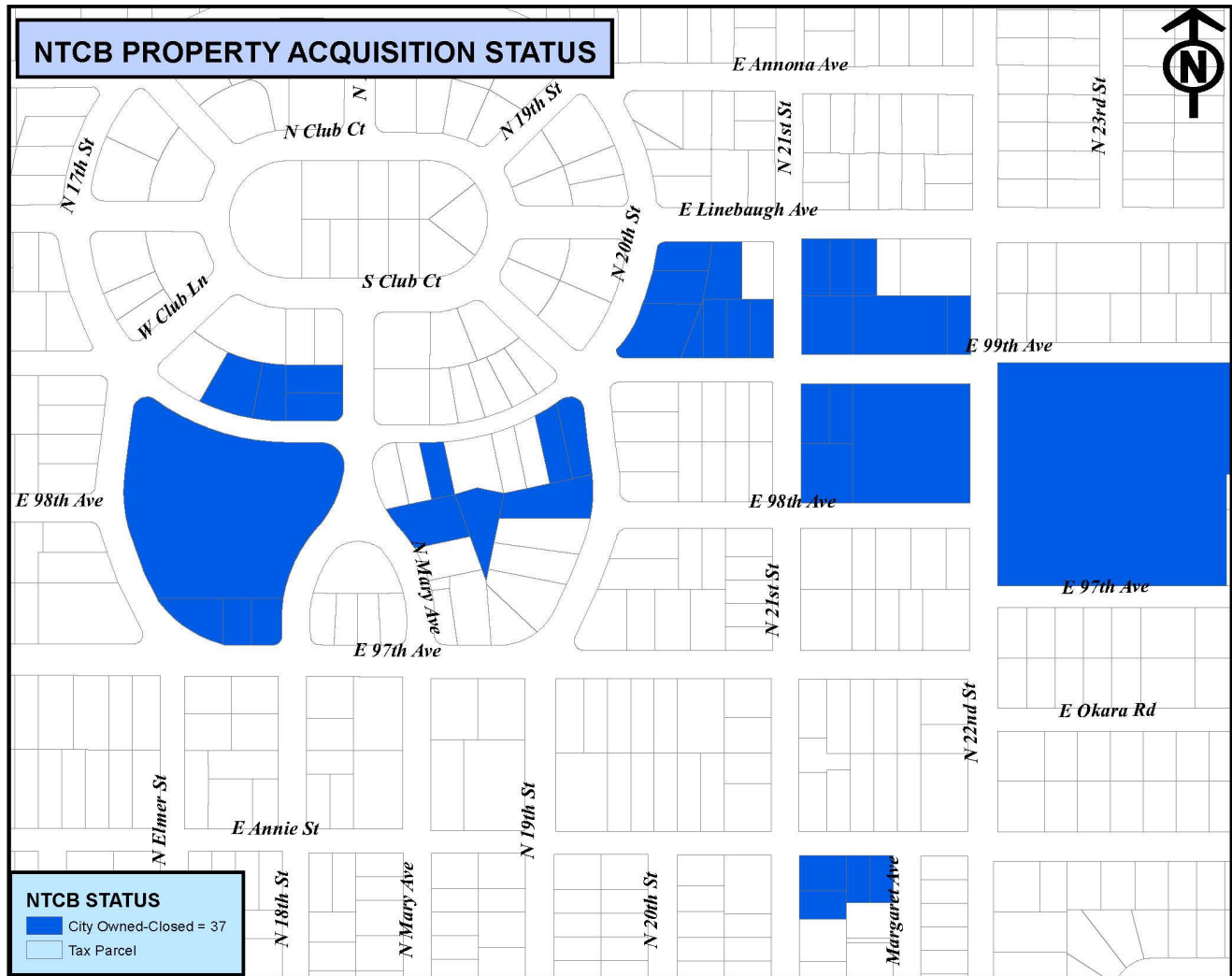
### Project Map



### Summary of Project Costs:

Phase	Firm	Amount	Funding Source	Schedule	
				Start	Finish
Property Acquisition	In-House	\$1M/ Year	COT	FY16	FY22
Construction	Bid	\$2M	COT	FY19	FY23

### Property Acquisition Map:



### Timeline:

- Property acquisition is completed. Please see the property acquisition map above.
- The construction of David E. West Pond and piping system is completed.
- The construction of Annie Pond is completed.
- Okara and 26<sup>th</sup> Force Main project is completed.
- 99<sup>th</sup> East Pond design completed/in construction queue.
- All remaining components of the projects are in the design phase.



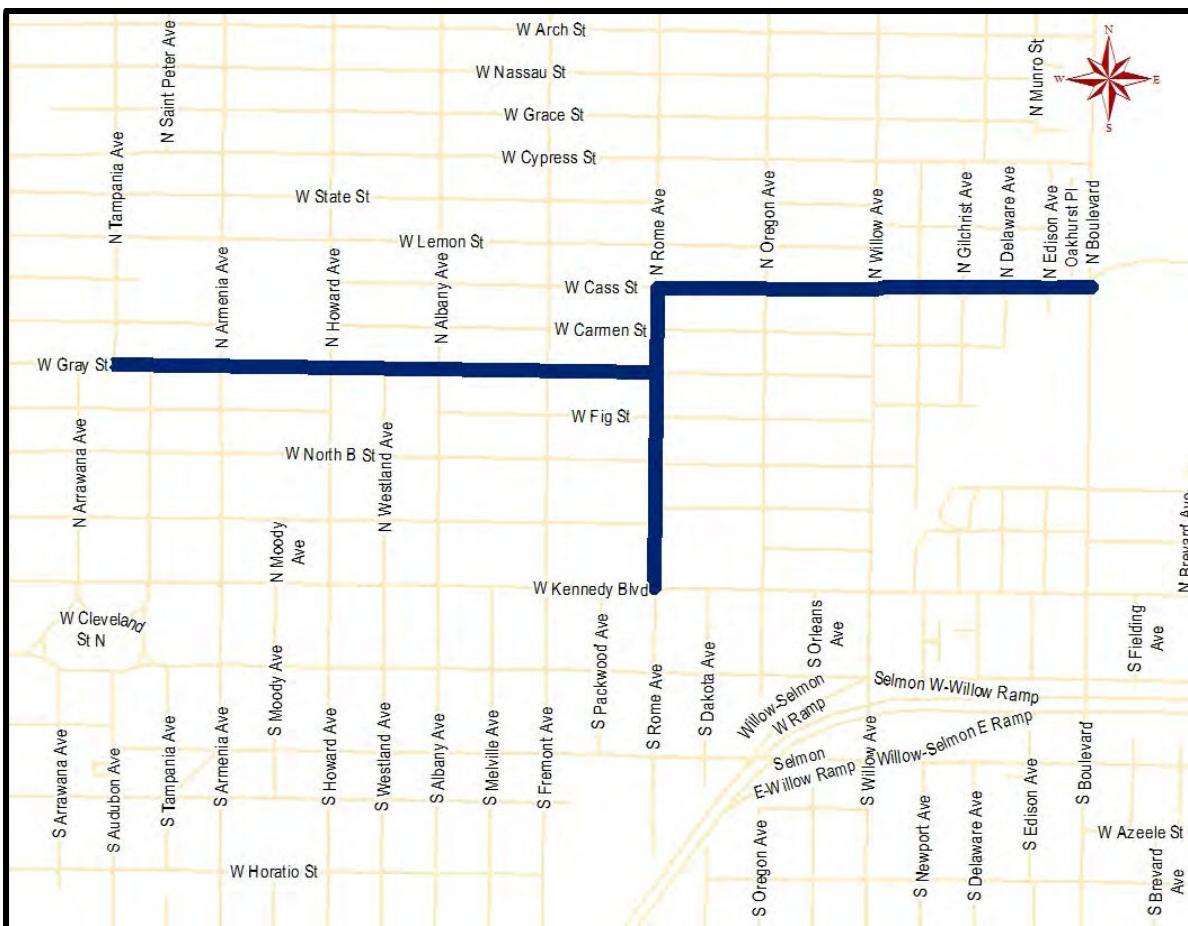
## 2. Cypress Street Outfall Extension Flooding Relief & Water Quality Improvement

### Project Description:

The drainage basin is generally bounded by Interstate 275 on the north, Habana Avenue on the west, Hyde Park Avenue on the east and Swann Avenue on the south. The total basin area is approximately 860 acres and outfalls to the Hillsborough Bay. Several areas within the northern portion of the basin (north of Kennedy Boulevard) have experienced numerous incidences of flooding, which has led to flood damage claims.

The project consists of the construction of a dual box culvert from the existing stub at Cass and North Boulevard to Rome Avenue. Another box culvert will connect at Cass and Rome Avenue and run south towards Kennedy Boulevard. The last leg will connect Rome and West Gray Street and extend west to North Tampania Avenue. This project is the second phase of the Cypress Street Outfall Flooding Relief Project that will be Design/Build procurement in coordination with the Water Department.

### Location Map:



### Cypress Street Outfall:



### Summary of Project Costs:

Phase	Firm	Amount	Funding Source	Schedule	
				Start	Finish
Design/Build	Woodruff & Sons	\$32 M	COT/SFWMD	FY17	FY22

### Timeline:

- Design/Permitting is 100% completed.
- The SFWMD Board approved the GMP in April 2019.
- Tampa City Council approved the GMP in June 2019.
- The construction is completed (As built received)



# 3. Southeast Seminole Heights Flooding Relief

## Flooding Relief & Water Quality Improvement

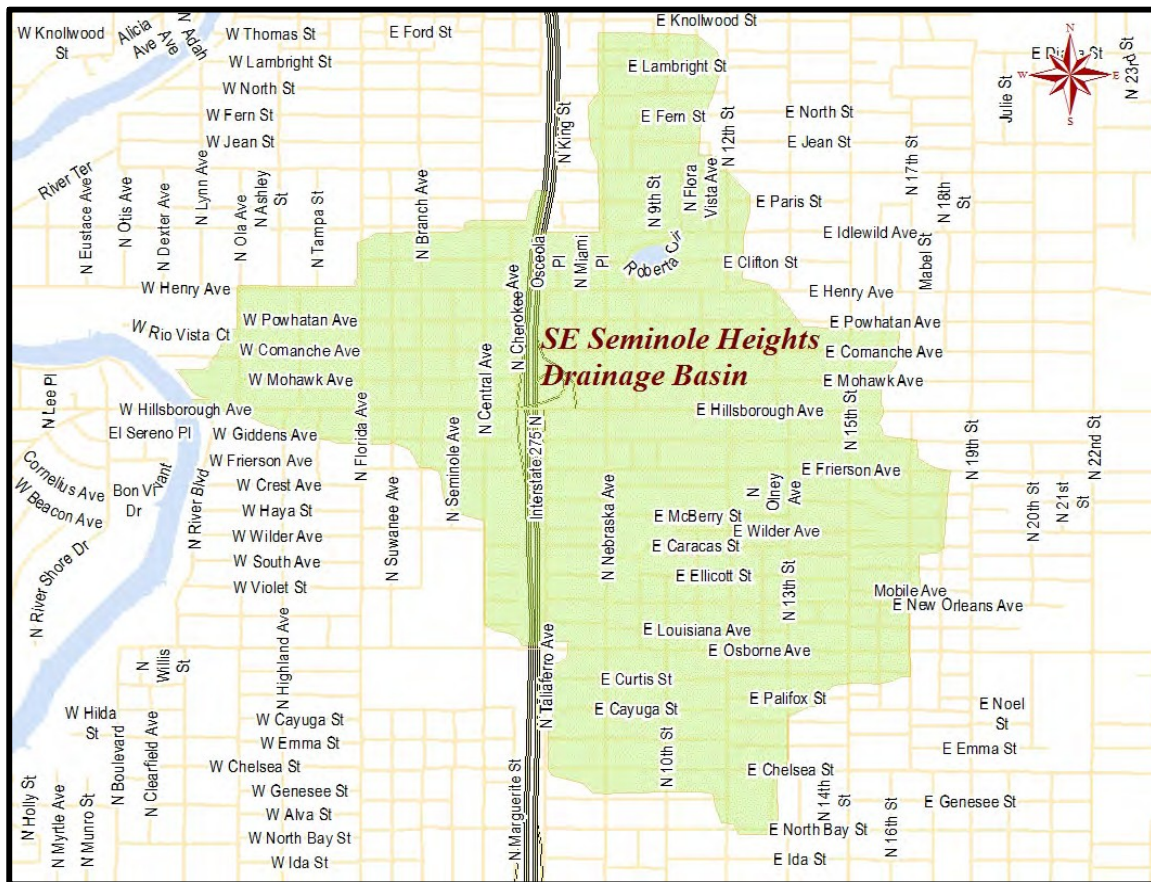
### Project Description:

The Southeast Seminole Heights Drainage Basin encompasses 779 acres of urban area that discharges into the Hillsborough River south of the dam. The basin area extends northerly from East Chelsea Street east of I-275 freeway to East Diana Street and easterly to North 18th Street. To the west of I-275, the basin narrows and extends from Giddens Avenue to East North Street. The Basin is part of a historic Tampa neighborhood that had its beginnings in the early 1900's.

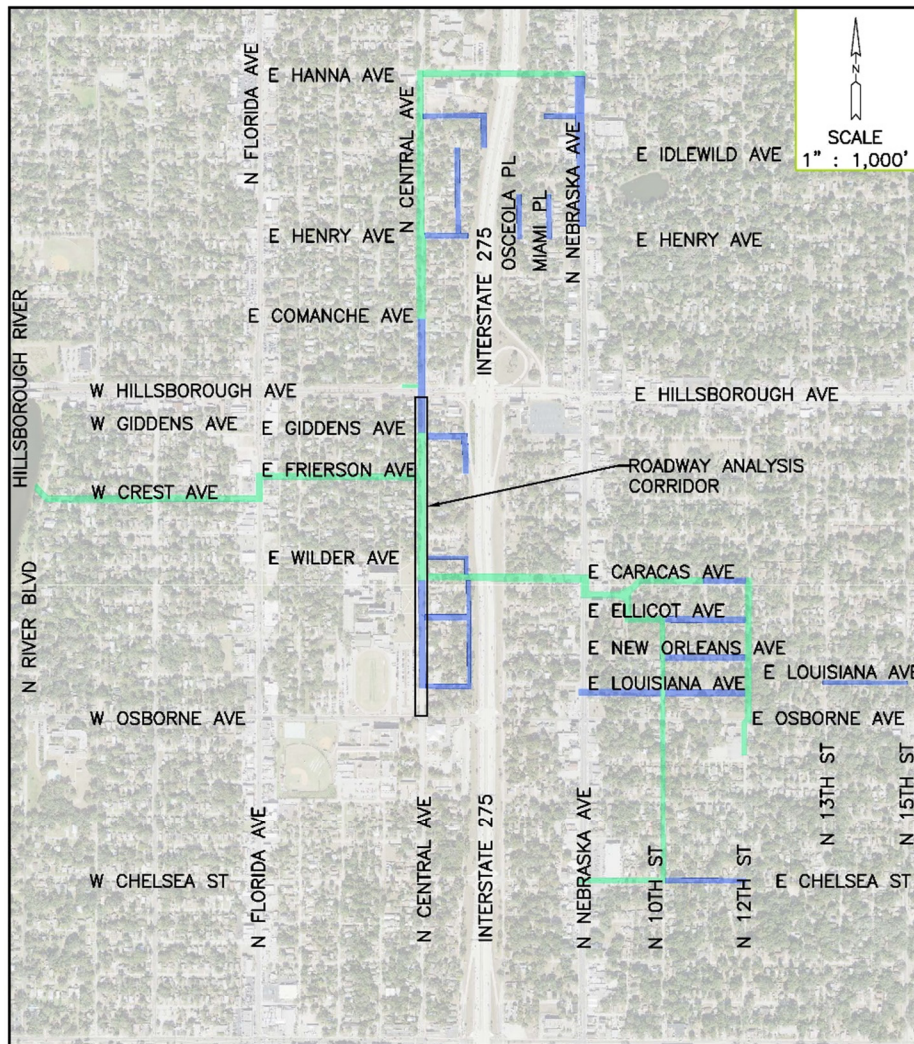
Southeast Seminole Heights Basin has numerous flooding locations, failing and undersized conveyance systems throughout the basin. A recent drainage study identified several potential stormwater improvement projects to alleviate flooding.

A feasibility study was performed to assess the potential drainage improvement projects as recommended in the previous drainage study. Individual improvement projects will subsequently be designed and constructed throughout the basin areas to improve drainage conditions.

### Location Map:



### Southeast Seminole Heights Project Map



SOUTHEAST SEMINOLE HEIGHTS FLOODING RELIEF PROJECT

UTILITY CONSTRUCTION CORRIDORS



**WADE TRIM**  
 201 North Franklin Street, Suite 1350  
 Tampa, FL 33802  
 813.882.4373  
 www.wadetrим.com  
 Certificate of Authorization No.: 3952

**LEGEND:**

- STORMWATER CULVERTS AND MISCELLANEOUS
- WATER MAINS ONLY
- ROADWAY ANALYSIS CORRIDOR

### Summary of Project Costs:

Phase	Firm	Amount	Funding Source	Schedule	
				Start	Finish
Planning Study	LWES	\$90K	COT	FY16	FY16
Feasibility Study	FDC	\$45K	COT	FY17	FY18
Design & Construction	Nelson/ Wade Trim	\$32M	COT/SWFWMD	FY19	FY24

### Timeline:

- The Planning and Feasibility studies are complete.
- The design is 100% complete.
- The SWFWMD Governing Board approved the GMP in July 2021.
- The construction started in November 2021.



# 4. Lower Peninsula Flooding Relief

## Flooding Relief & Water Quality Improvement

### Project Description:

The Lower Peninsula Watershed (LPW) encompasses an area of approximately 8.6 square-miles (5,508 acres) in the City of Tampa. The watershed is located on the southern end of the peninsula between Old Tampa Bay and Hillsborough Bay. There are numerous flooding locations, failing and undersized conveyance systems throughout the watershed.

77A watershed management plan was developed in 2019 to provide a baseline for capital improvement planning and design that provides conceptual solutions to frequent flooding in the region. The management plan has identified several capital improvement projects. The City of Tampa is actively pursuing cooperative funding from the Southwest Florida Water Management District (SWFWMD) for these improvements.

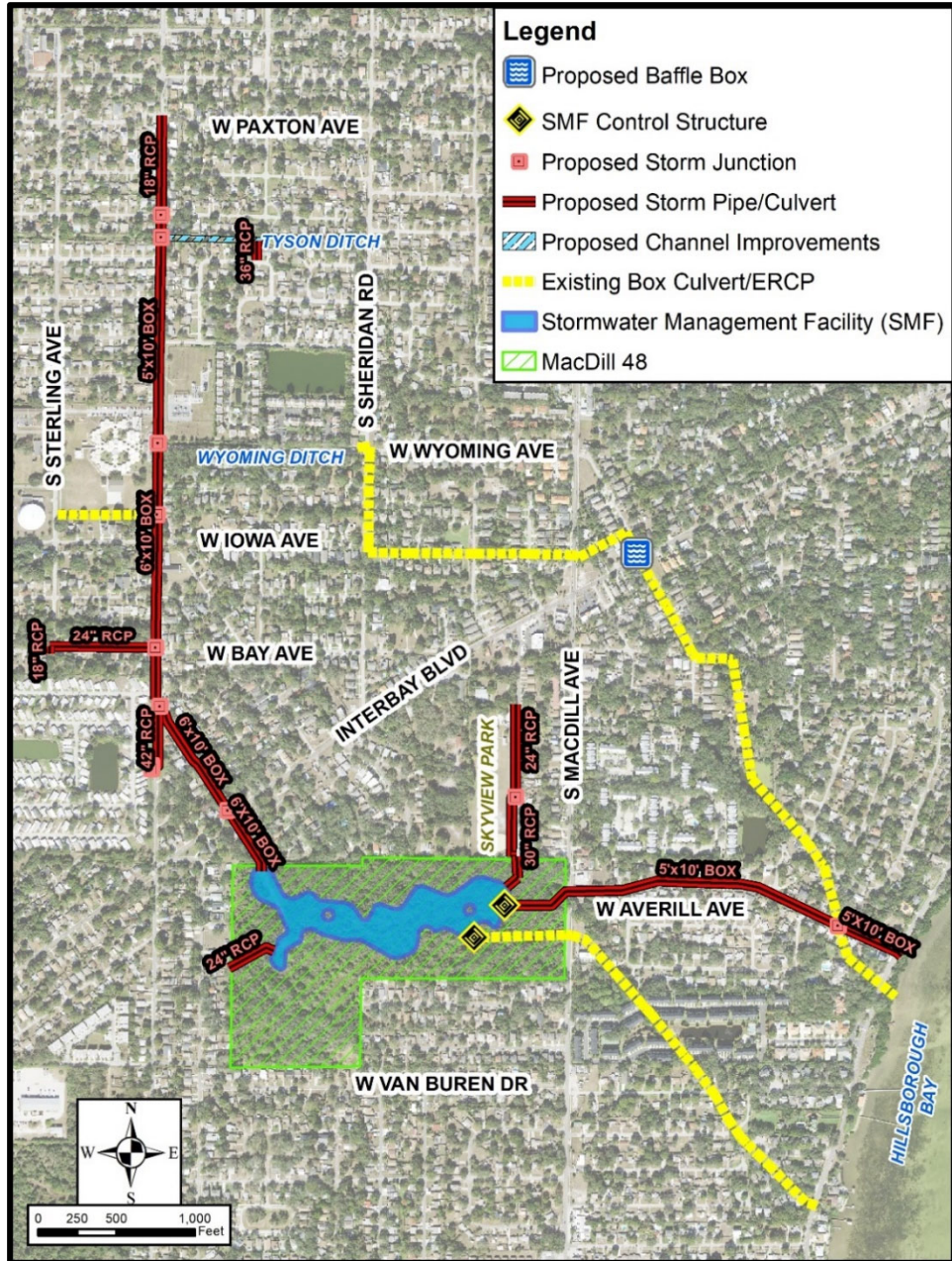
### Watershed Location Map



Lower Peninsula Study Area



# Lower Peninsula Watershed Southeast Region Improvements



## Summary of Project Costs:

Phase	Firm	Amount	Funding Source	Schedule	
				Start	Finish
Planning Study	Applied Sciences	\$650K	COT/SWFWMD	FY16	FY18
Southeast Region Design	Atkins	\$4M	COT/SWFWMD	FY20	FY22
Southeast Region Construction	Kimmins	\$40M	COT/SWFWMD	FY22	FY25

## Timeline:

- The Southeast Region Design/Permitting is complete.
- FCT has been approved.
- The SWFWMD governing board has approved co-funding for the project.
- The GMP has been approved by the City Council.
- The construction started in November 2022.



## **5. Golf View Flooding Relief** **Flooding Relief & Water Quality Improvement**

### **Project Description:**

During high intensity and short duration rain events, low-lying areas in Golf View Neighborhood experience frequent and dangerous flooding due to an old and undersized drainage system. It often takes days to drain some of the flooded streets and vehicles are stranded in these flooded streets. This project consists of design and construction of a new drainage conveyance system as well as the replacement and upsizing of the existing drainage conveyance system in a highly urbanized residential neighborhood. Following the completion of Florida Department of Transportation's drainage project on South Dale Mabry Highway between Henderson Boulevard and West Neptune Street, this project was proposed. The upsized drainage system will connect to the City's recently completed Dale Mabry-Henderson Trunkline project at West Watrous Avenue and South Dale Mabry Highway. There will be opportunities to implement Green Infrastructure technologies and improve water quality with this project.

### **Project Photo**



### Golf View Project Map



#### Summary of Projects Costs and Timeline:

Phase	FY23	FY24	FY25
Design	\$900,000		
Construction		\$5,000,000	\$2,100,000

#### Timeline:

- The project is currently under design.



## **6. Resilient SoHo**

(Formerly known as Upper Peninsula East Region Flooding Relief)

### **Flooding Relief & Water Quality Improvement**

#### **Project Description:**

Frequent and severe flooding occurs in the Parkland Estates neighborhood and throughout the South Howard Avenue corridor and adjacent historic neighborhoods in South Tampa. Flooding has rendered roads impassable, including critical emergency response routes to a local hospital. This project proposes to construct a new high-capacity underground stormwater system to reduce flooding and improve water quality discharges to the Hillsborough Bay. The project will provide a transformational enhancement from the obsolete South Howard Avenue commercial corridor into a vibrant, safe, and beautiful place to walk, shop, and dine.

#### **Project Photo:**



# Project Map



## Summary of Project Costs:

Phase	FY23	FY24	FY25	FY26	FY27	FY28
Design	\$1,500,000	\$3,500,000				
Construction			\$15,000,000	\$13,000,000	\$12,000,000	\$10,000,000

## Timeline:

- Design/build RFQ will be advertised in June 2023.
- THEA has agreed to fund \$11M to upsize the box culverts to accommodate the additional flow from the Selmon Expressway widening.



## 6. Miscellaneous Capital Improvement

### Project Status

Tampa City Council Update No. 26 - June 2023

Construction timelines are typically six (6) months or less for neighborhood projects. For additional project descriptions, please see the project fact sheets following this project status report.

PROJECT STATUS KEY	
	Design
	Design Complete and In Construction Queue
	Under construction
	Construction Complete

### CAPITAL IMPROVEMENT PROJECTS

Projects Assigned to Construction Contracts	DISTRICT	ESTIMATE
1. Perry and Woodlawn Groundwater Diversion	6	\$100,000

Projects Bid through CAD	DISTRICT	ESTIMATE
2. FY23 Annual CIPP Rehabilitation	Citywide	\$500,000
3. 56th Street and Broadway Avenue Drainage Improvement	5	\$2,000,000
4. Lamb Canal Rehabilitation	4	\$10,000,000
5. Ditch Rehabilitation Program	Citywide	\$1,000,000
6. Hyde Park Groundwater Diversion Ph 2 (Newport, Willow, Orleans and Watrous)	4	\$3,000,000
7. Beach Park Drainage Improvement	6	\$1,000,000
8. Manhattan: Vasconia to Bay to Bay green	4	\$10,000,000
9. Annual Box Culvert Rehabilitation	Citywide	\$3,000,000
10. 4801 Neptune Way Drainage Improvement	6	\$500,000

Projects through Job Order Contracting	DISTRICT	ESTIMATE
11. Copeland Park Pumping Station	7	\$325,000
12. Lantana/Poinsettia Pumping Station	7	\$200,000
13. 2504 Gardner	4	\$200,000

<b>Projects Assigned to Mobility Department In-House Crews</b>	<b>DISTRICT</b>	<b>ESTIMATE</b>
<b>14. Okara Road and 26th Street Force Main</b>	<b>7</b>	<b>\$90,000</b>
<b>15. Clark Avenue &amp; Fair Oaks Avenue</b>	<b>4</b>	<b>\$95,000</b>
<b>16. Franklin Street from Henderson to Estelle</b>	<b>5</b>	<b>\$75,000</b>
<b>17. Clark Street &amp; 30th Street Pipe Relocation</b>	<b>5</b>	<b>\$75,000</b>
<b>18. Hydrangia West of Central</b>	<b>7</b>	<b>\$150,000</b>
<b>19. N Ashley Pond Expansion</b>	<b>7</b>	<b>\$75,000</b>
<b>20. Woodmere &amp; Lois</b>	<b>6</b>	<b>\$150,000</b>
<b>21. Mabel North of Henry</b>	<b>5</b>	<b>\$90,000</b>
<b>22. NTCB – Elmer Pond/Mary Sink Stormwater Improvement</b>	<b>7</b>	<b>\$90,000</b>
<b>23. NTCB – 99<sup>th</sup> Ave West Pond Expansion</b>	<b>7</b>	<b>\$50,000</b>
<b>24. NTCB – 99<sup>th</sup> Ave East Pond Expansion</b>	<b>7</b>	<b>\$90,000</b>
<b>25. 13<sup>th</sup> and Conover</b>	<b>5</b>	<b>\$90,000</b>

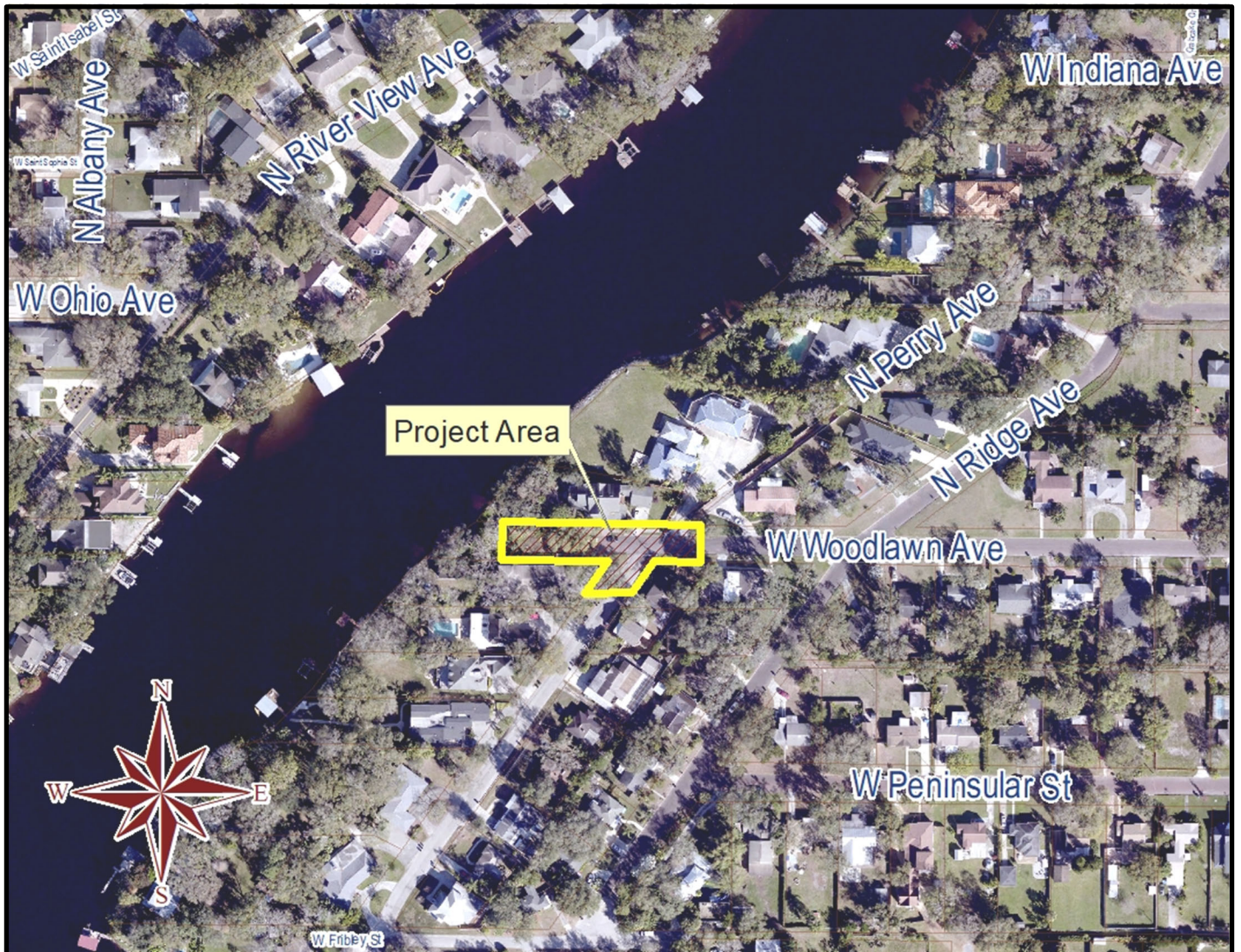
# Perry and Woodlawn

**Groundwater Diversion; District 6**  
Estimated cost: \$100k

## **Project Description**

The active groundwater seepage in this area makes roadway surface restoration impossible. The scope of the proposed project is to install an underdrain system to divert ground water flow. The new underdrain system will be connected to the existing ditch along Perry Avenue for discharge to the Hillsborough River.

## **Project Map**





# FY23 Annual CIPP Rehabilitation

## Flooding Relief; Citywide

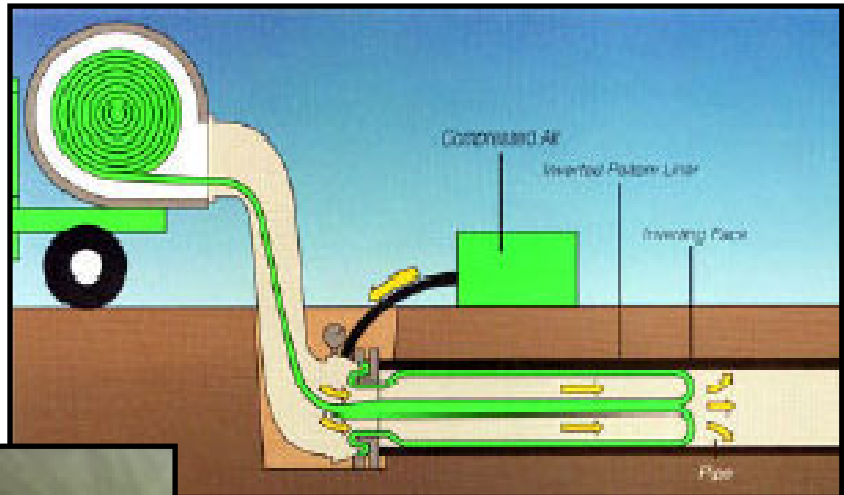
Estimated cost: \$500K

### **Project Description:**

The scope of work includes labor, materials, and equipment to rehabilitate gravity stormwater pipes from 12-inch to 48-inch diameter by installation of cured-in-place pipe liner.

### **Justification:**

The project provides rehabilitation of deteriorated stormwater pipe systems.



**Project Photos**



# 56th Street and Broadway Avenue Drainage Improvement

## Water Quality Improvement/Flooding Relief; District 5

Estimated cost: \$2M

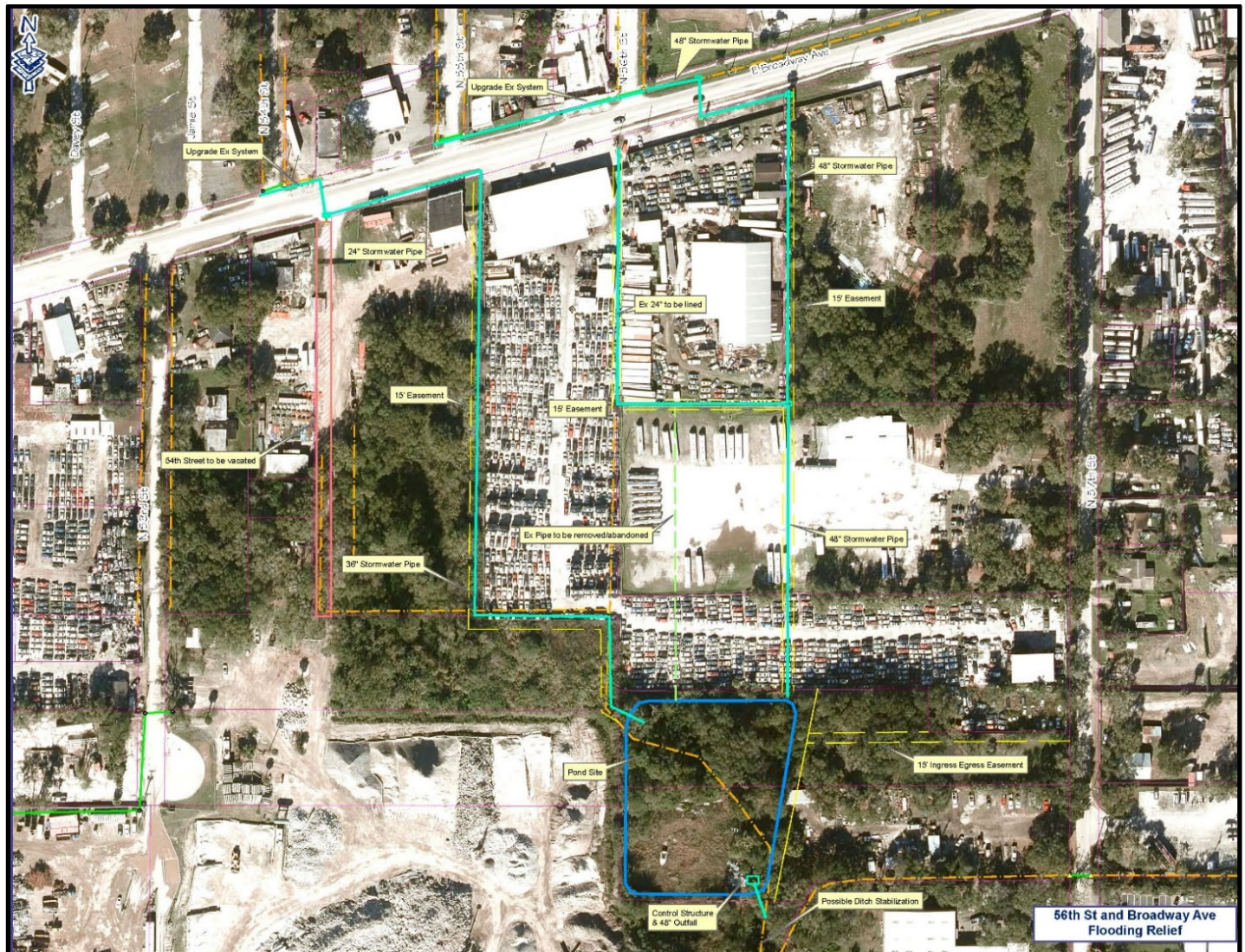
### Project Description:

This section of Broadway Avenue experiences frequent flooding resulting from a combination of undersized piping systems and failing ditches. This project consists of property acquisition for a new stormwater pond that will provide water quality treatment and attenuation for the area, and the relocation, replacement and upsizing of pipes and ditches.

### Justification:

This section of Broadway Avenue experiences frequent flooding resulting from a combination of undersized piping systems and failing ditches. The proposed project will improve drainage in the area.

### Project Map



# Lamb Canal Rehabilitation

## Water Quality Improvement/Flooding Relief; District 4

Estimated cost: \$10M

### Project Description:

The Lamb canal from Emerson Street to West Shore Boulevard section has been eroded over the years and needs rehabilitation. The capacity of the canal is significantly reduced due to embankment deterioration. The proposed project will include upsizing multiple crossing culverts, piping in Emerson Ditch, removal of sediments from Lamb Canal, and reconstruction of the banks of the canal to restore the canal capacity and protect properties from erosion.

### Project Map and Photo



## Ditch Rehabilitation Program

### Water Quality Improvement/Flooding Relief; Citywide

Estimated cost: \$1M

#### **Project Description:**

This project creates an annual contract to address ditch improvements and associated upgrades to improve conveyance capacity and embankment stabilization.

#### **Justification:**

Rehabilitation is needed for ditches that have diminished capacity due to embankment erosion that cannot be corrected by maintenance.



**Project photos**

# Hyde Park Groundwater Diversion Ph 2 (New Port, Willow, Orleans, and Watrous)

## Groundwater Diversion; District 4

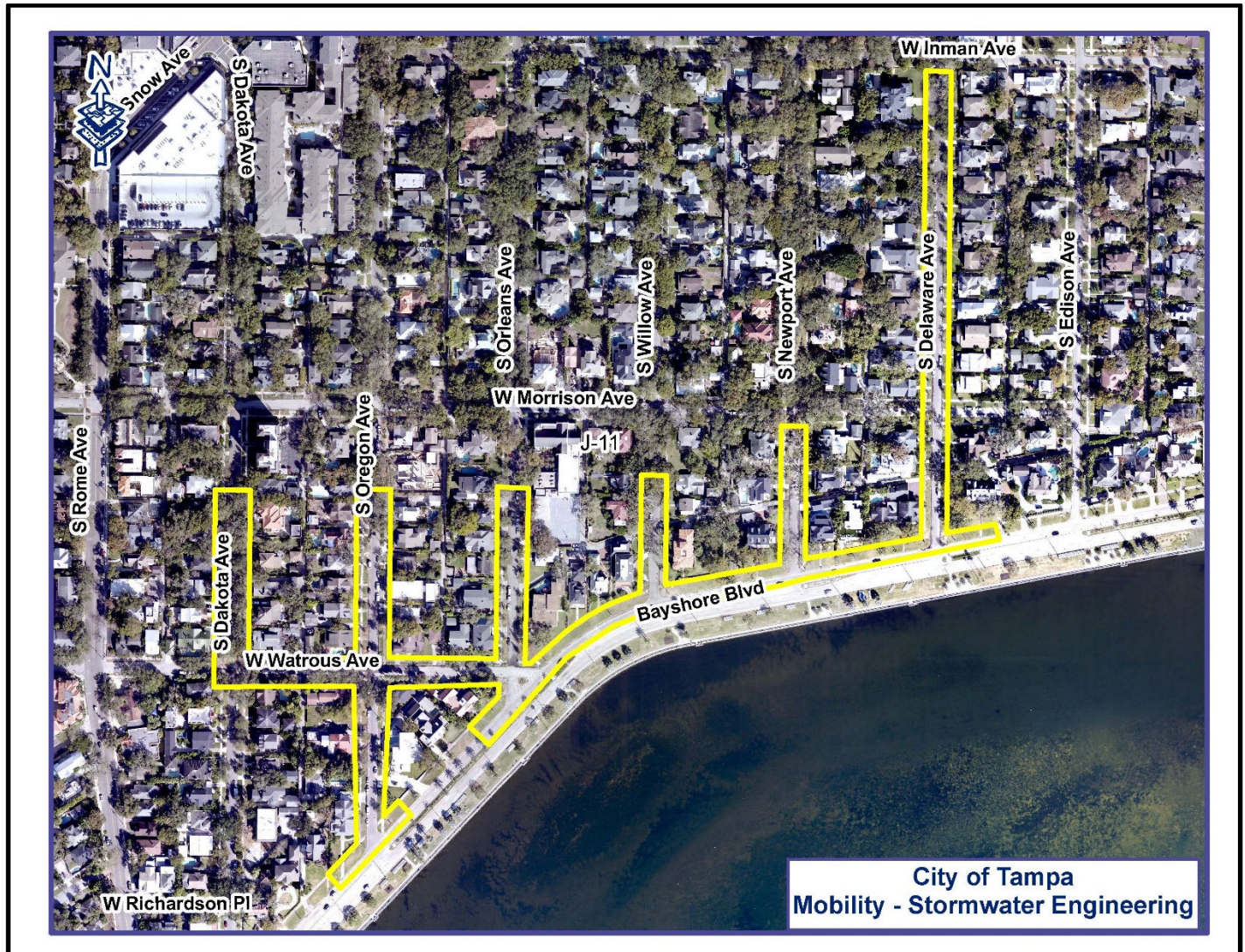
Estimated cost: \$3M

### Project Description:

This area of Hyde Park has experienced extremely high groundwater levels causing seepage from the cracks in the sidewalks, driveways, and roadways. This seepage has killed roadway trees and prompted a growth of algae on the streets and sidewalks, posing a hazard to pedestrians and traffic.

The proposed project will divert ground water flow with the installation of underdrain systems along each side of the streets. The new underdrain systems will be connected to the existing inlets along Bayshore Boulevard for discharge to Hillsborough Bay.

### Project Map



# Beach Park Drainage Improvement

## Flooding Relief; District 6

Estimated cost: \$1M

### Project Description:

This project consists of construction of new pipes and inlets connecting to the existing system on Swann Avenue to alleviate flooding in the area.

### Justification:

Flooding occurs in the area due to insufficient drainage capacity of the existing system. The proposed project will provide a second outlet for the low-lying area to reduce the localized flooding.

### Project Map



# Manhattan: Vasconia to Bay to Bay

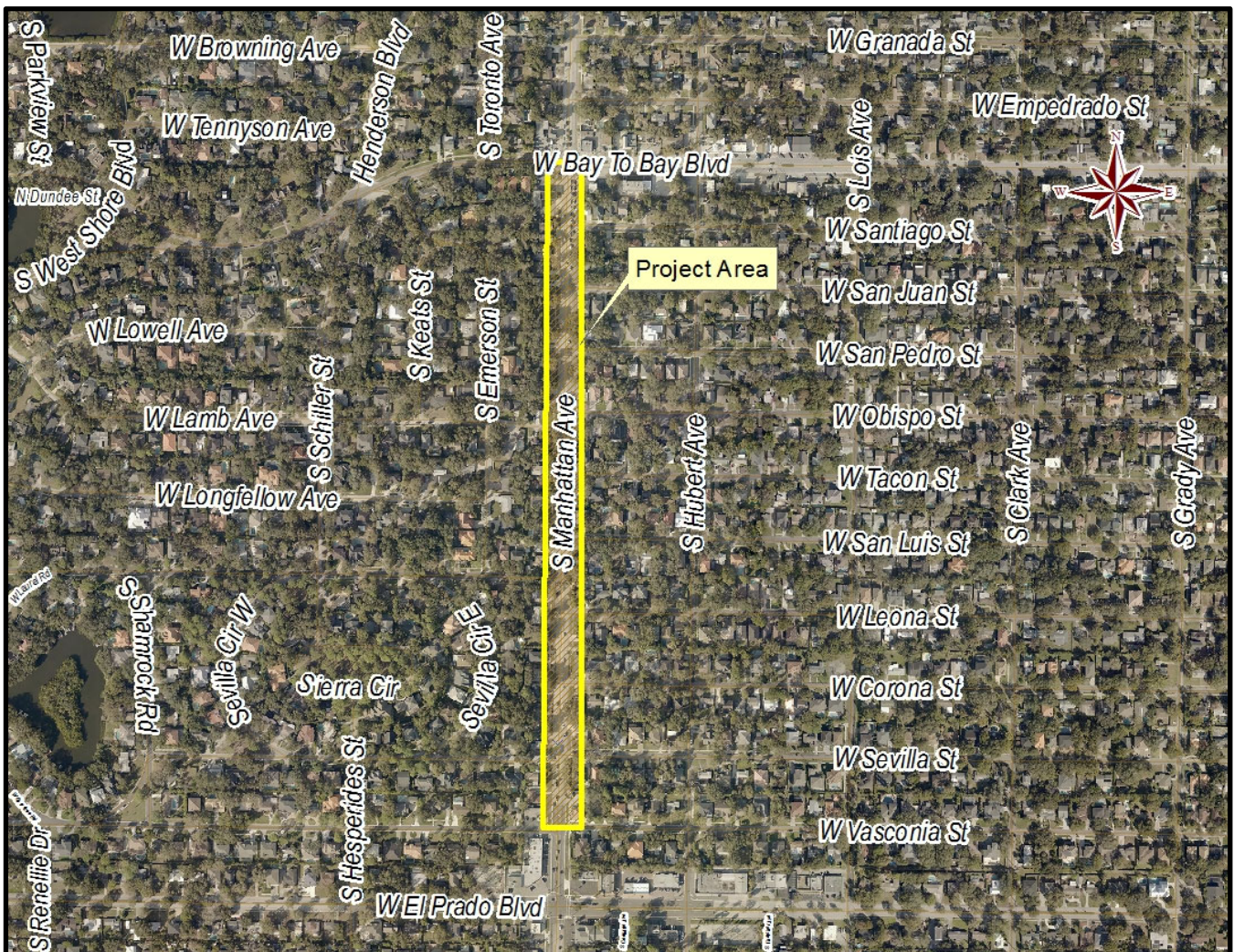
**Flooding Relief FY2020; District 4**

Estimated cost: \$10M

## **Project Description:**

This section of Manhattan Avenue has experienced flooding due to lack of a stormwater system. The proposed project consists of installation of new inlets and pipes connecting to the existing Vasconia system to provide flooding relief for the area.

## **Project Map**



## Annual Box Culvert Rehabilitation

**Flooding Relief; Citywide**

Estimated cost: \$3M

### **Project Description:**

The City has numerous box culverts that are over 75 years old. These structures need remedial work to repair spalled concrete and joint leaks. The proposed project will create an annual contract to address the repairs in a timely fashion as they become evident.

### **Project Photos:**





# 4801 Neptune Way Drainage Improvement

## Pipe under Structure; District 6

Estimated cost: \$500K

### Project Description:

The existing outfall system runs under the building at 4801 West Neptune Way. The proposed project consists of relocating and upgrading the existing piping system including installation of inlets and construction of a new outfall.

### Project Map



# Copeland Park Pumping Station

## Flooding Relief; District 7

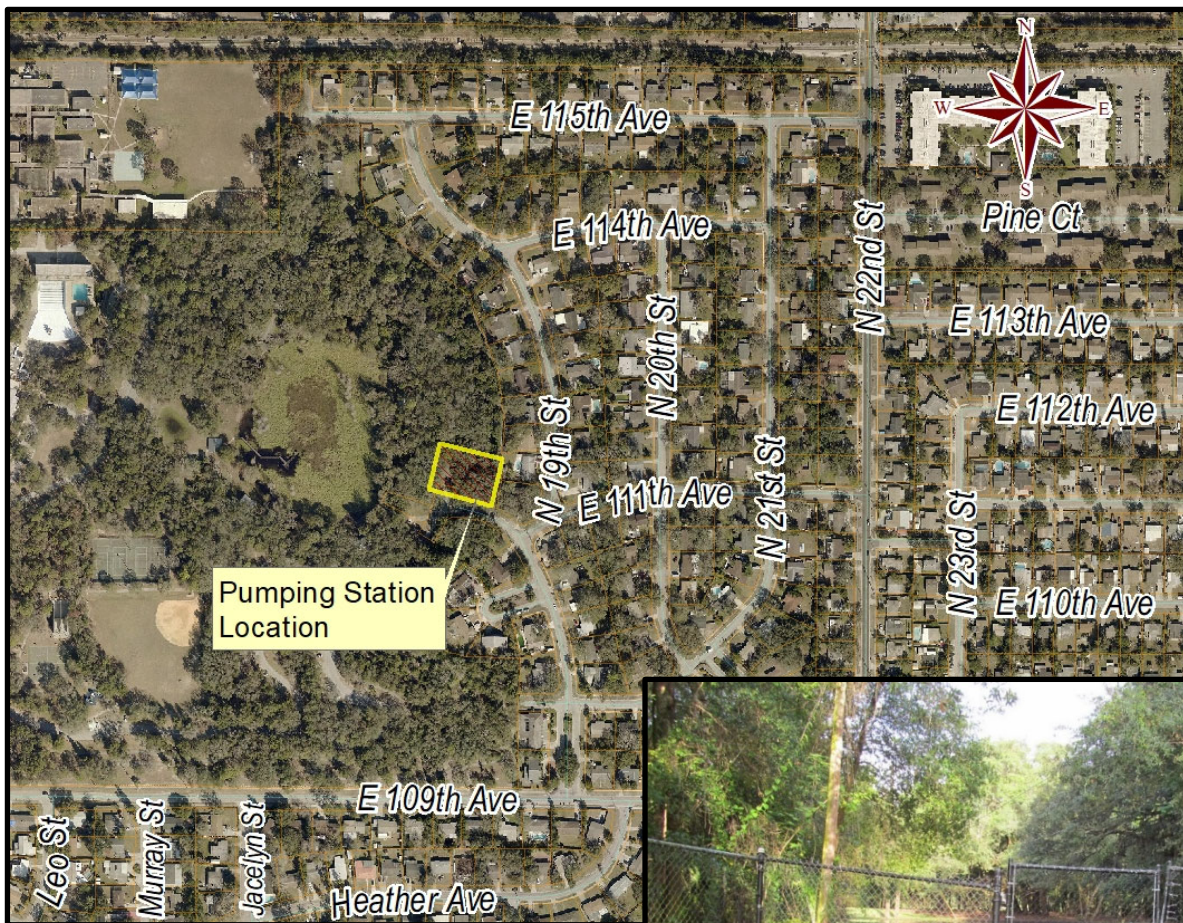
Estimated cost: \$325K

### Project Description:

Currently a temporary pump is utilized to drain the low-lying area in Copeland Park. The proposed project will replace the temporary pump with a permanent pumping station and provide a more reliable system to better alleviate the flooding in the area.

The project consists of construction of a new pumping station. The force main connecting the pumping station to the existing drainage system on East 111<sup>th</sup> Avenue and North 26<sup>th</sup> Street area will be constructed under a separate project.

### Project Map and Photo



# Lantana/Poinsettia Pumping Station

## Flooding Relief; District 7

Estimated cost: \$200k

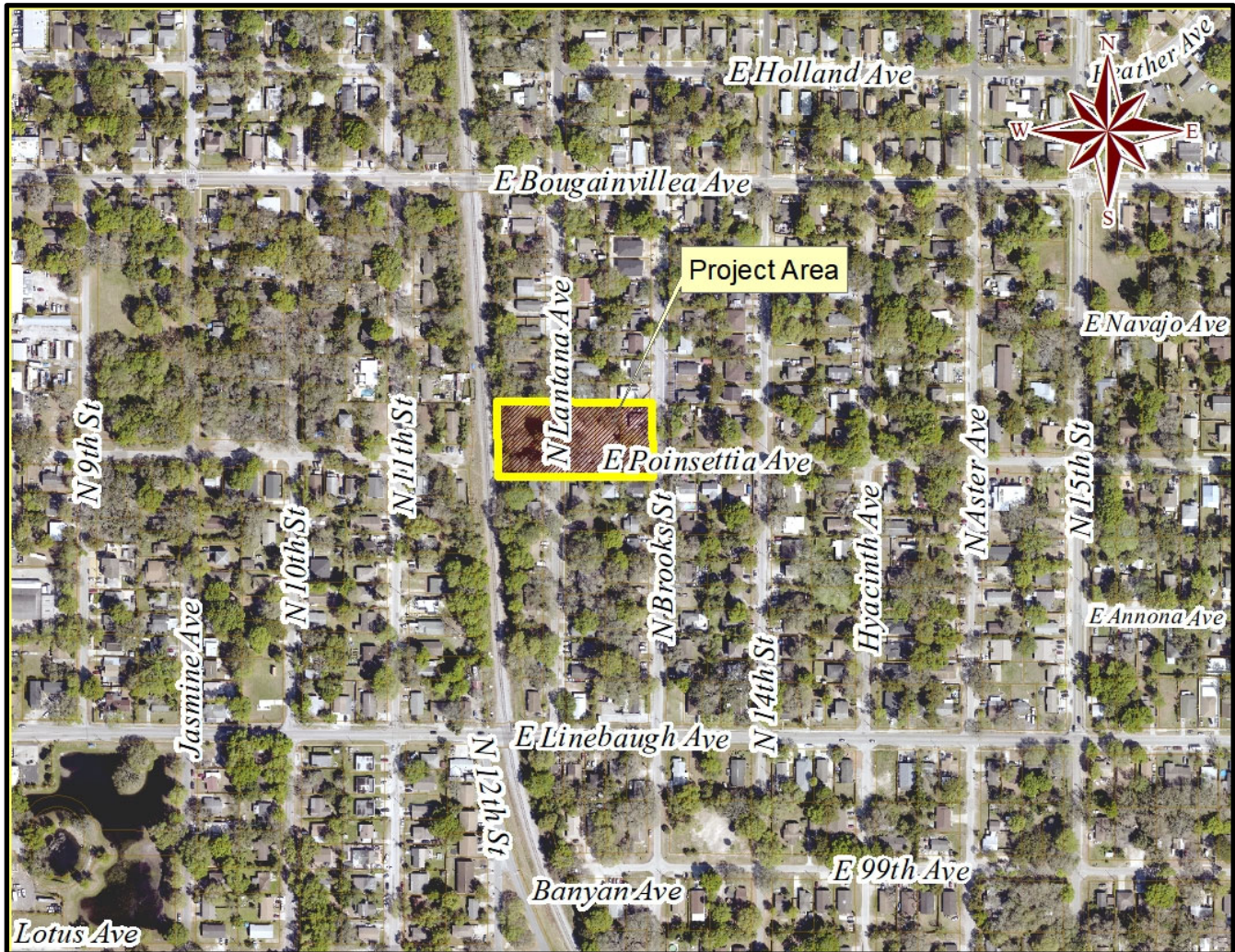
### Project Description:

The project consists of property acquisition and construction of a new collection system, a new pumping station to replace the temporary pumping station, and force main connecting to the existing drainage system on North 11<sup>th</sup> Street.

### Justification:

Currently a temporary pump is utilized to drain the low-lying area along East Poinsettia Avenue between North Brooks Street and North Lantana Avenue. The proposed project will replace the temporary pump with a permanent pumping station.

**Project Map**



# 2504 Gardner Ct.

## Flooding Relief; District 4

Estimated cost: \$200k

### Project Description:

2500 block of Gardner Court experiences frequent flooding due to low elevations and lack of drainage systems. The proposed project consists of installation of a pump station and force mains to provide a positive outfall for the area.

### Project Map



# Okara Road & 26th Street Force Main

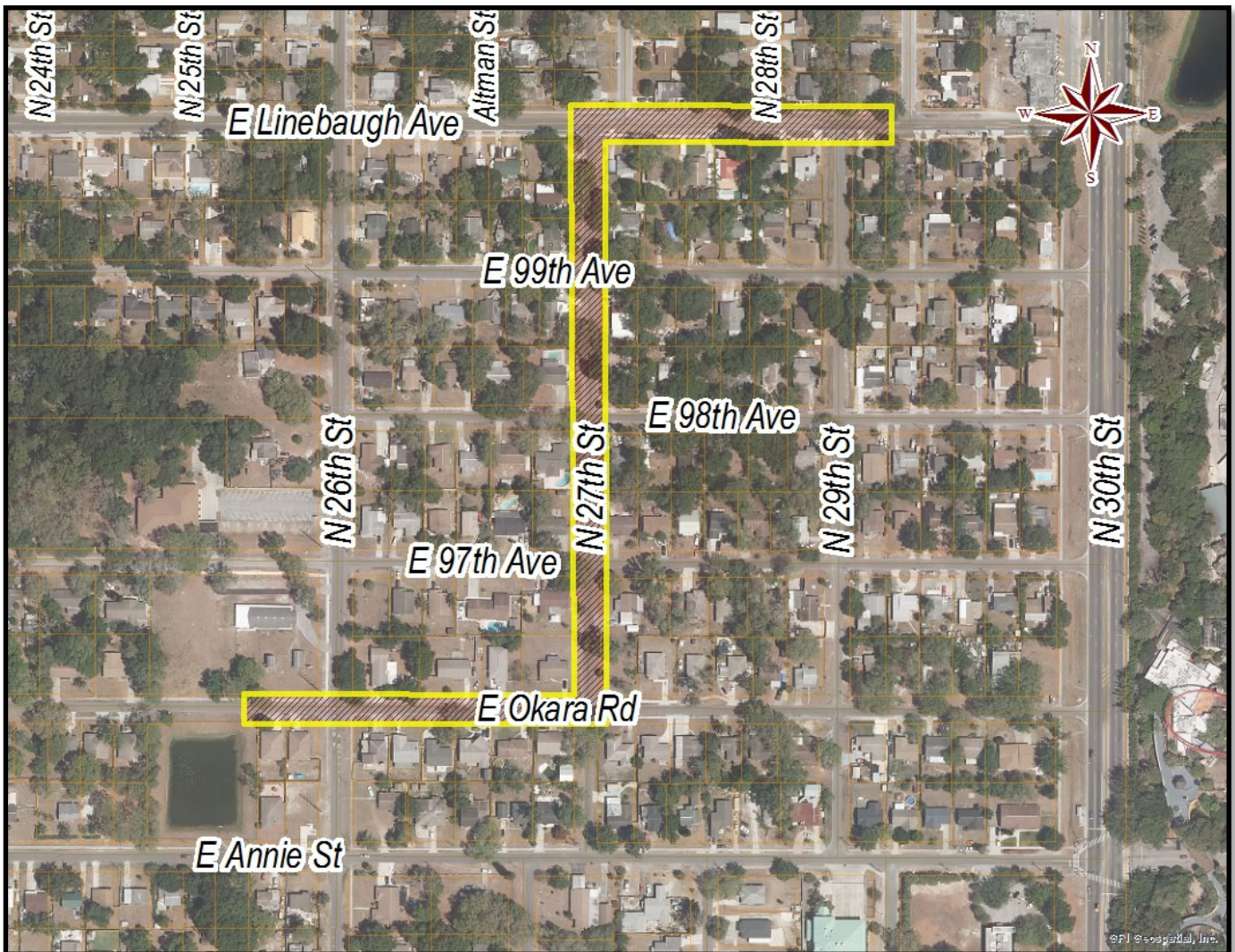
## Flooding Relief; District 7

Estimated cost: \$90K

### Project Description:

Currently the pond located at Okara Road and 26<sup>th</sup> Street outfalls via a temporary pump and force main system that discharges to the Mary Sink causing flooding under certain storm events. The proposed project will re-route the force main system as depicted in the map below. This will provide more capacity for the Mary Sink by diverting the flows.

### Project Map



# Clark Avenue and Fair Oaks Avenue

## Flooding Relief; District 4

Estimated cost: \$95K

### Project Description:

Low-lying areas on South Clark Avenue between Fair Oaks Avenue and Lawn Avenue experience frequent flooding due to failed pipes connecting the ditch and inadequate drainage inlets in the area. The proposed project consists of replacing the failed pipes and construction of new pipes and inlets to alleviate the flooding situation.

### Project Map



# Franklin Street from Henderson to Estelle

Flooding Relief; District 5

Estimated cost: \$75K

## Project Description:

Flooding occurs at the intersection of Franklin Street and Henderson Avenue due to lack of positive outfall for the existing inlets in the area. The proposed project consists of construction of new inlets and pipes connecting to the existing stormwater system on Estelle Street for discharge to the river.

Project Map



# Clark Street & 30<sup>th</sup> Street Pipe Relocation

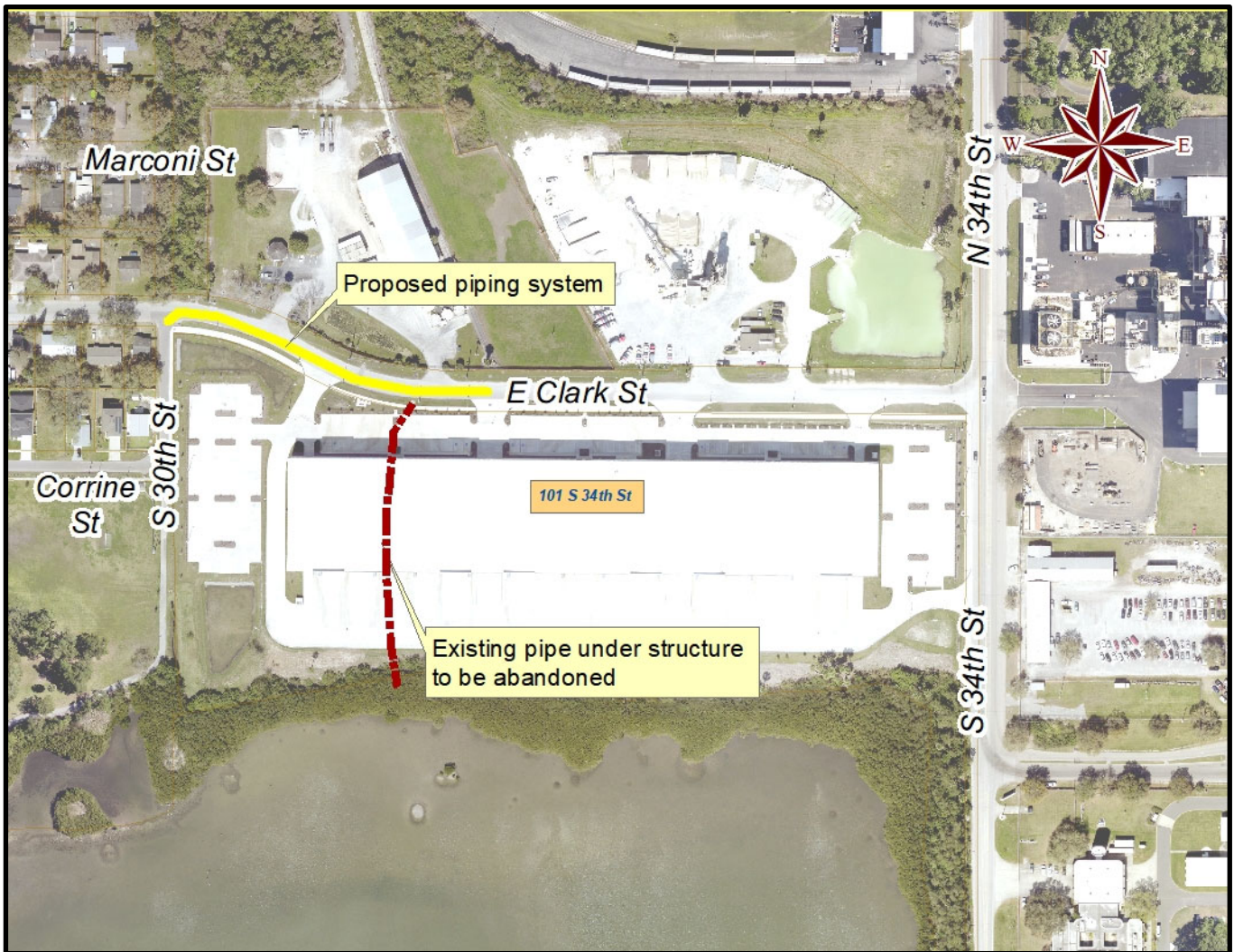
Pipe under Structure; District 5

Estimated cost: \$75K

## Project Description:

The current building at 101 South 34th Street was constructed on top of an existing stormwater pipe. The proposed project will relocate the existing piping system and abandon the section of pipe that is under the building.

## Project Map





# Hydrangia West of Central

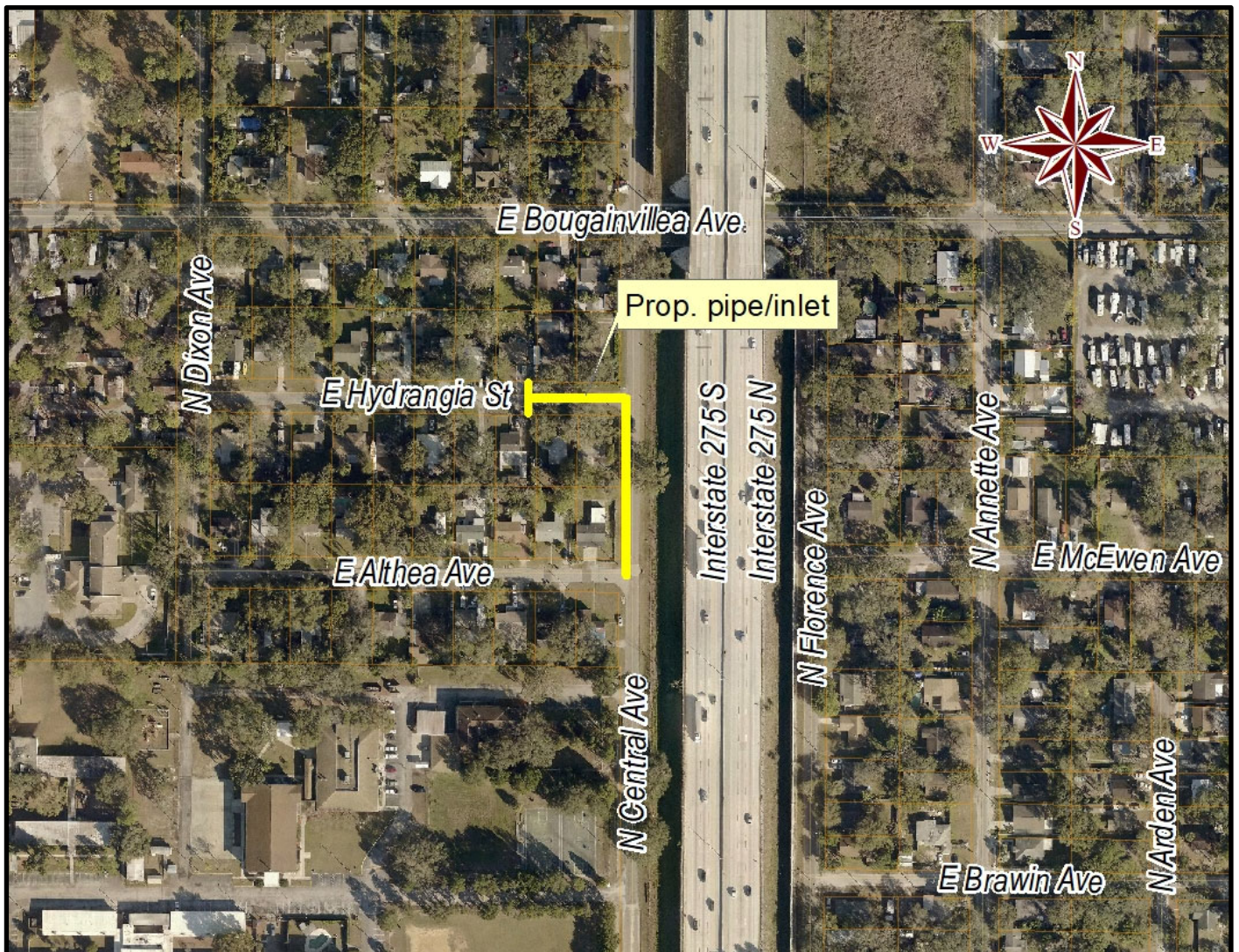
## Flooding Relief; District 7

Estimated cost: \$150K

### Project Description:

The low area of Hydrangia Avenue experiences frequent flooding due to lack of drainage system. The proposed project consists of construction of new pipes and inlets connecting to the existing system located on Althea Avenue to provide outlet for the low-lying area.

### Project Map



# N Ashley Pond Expansion

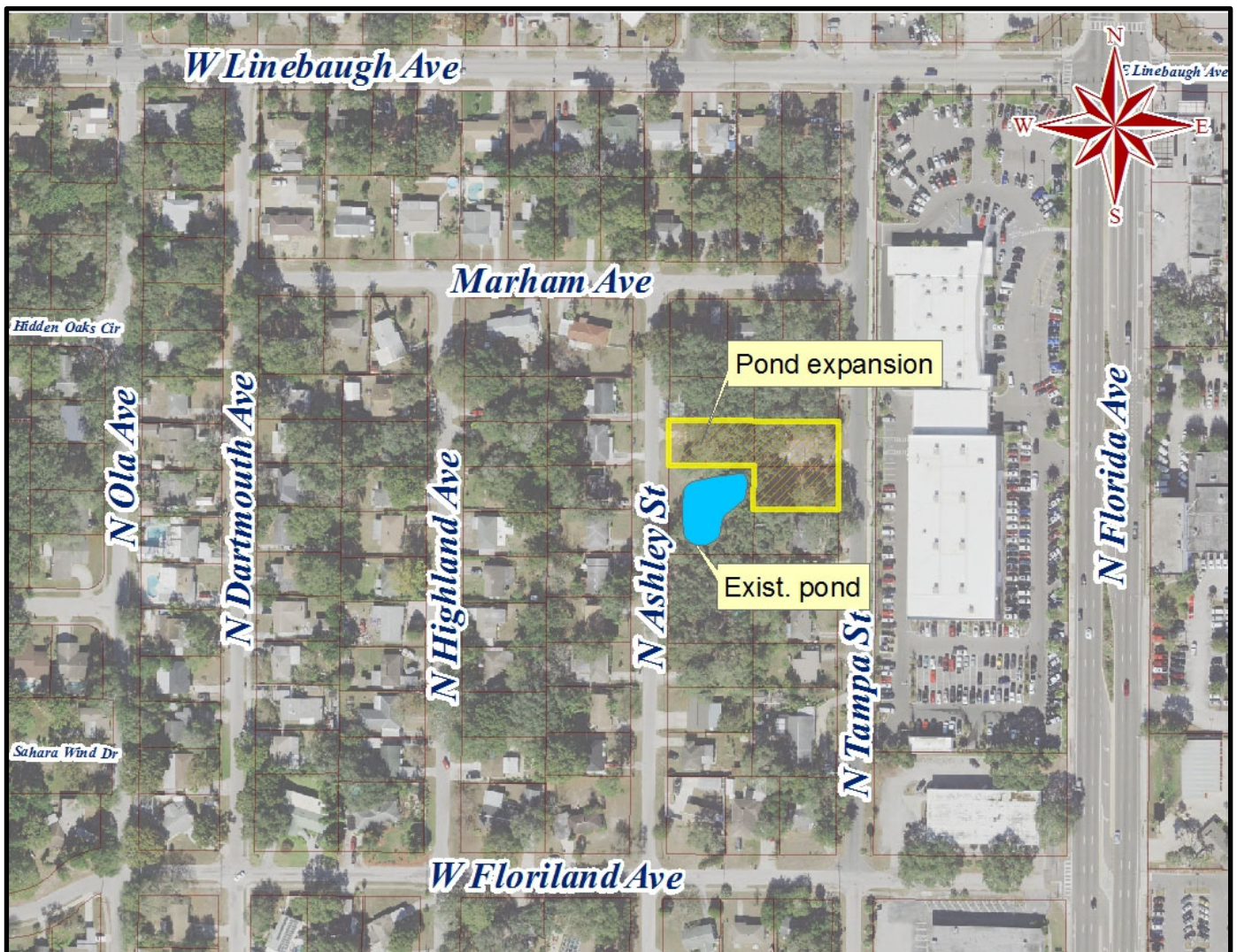
**Flooding Relief/Water Quality Improvements; District 7**

Estimated cost: \$75K

## **Project Description:**

The City has acquired the flood prone properties adjacent to the existing N Ashley Pond over the years. The scope of the project is to expand the existing pond to provide additional water quality treatment and storage capacity.

## **Project Map**



# Woodmere & Lois

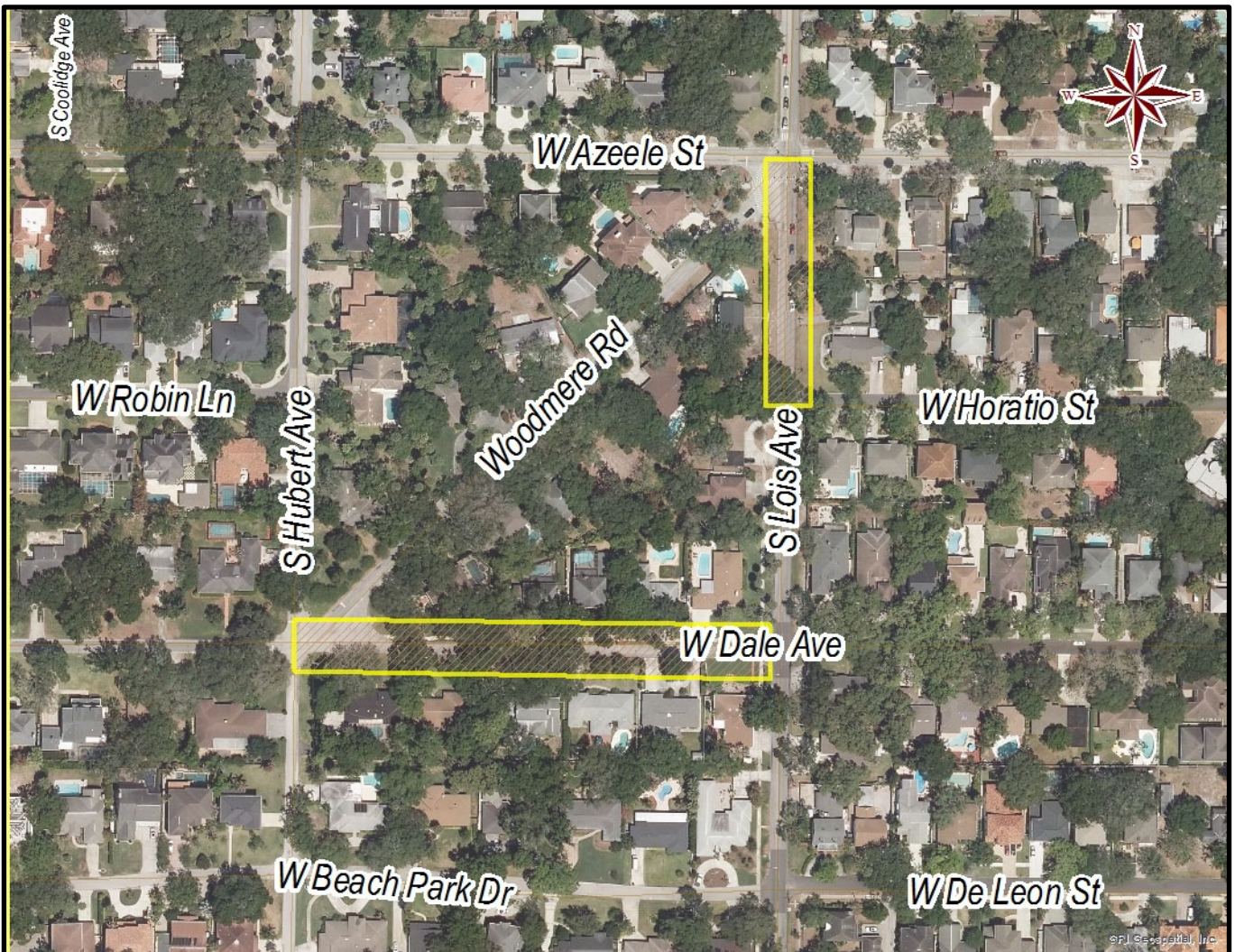
## Flooding Relief; District 6

Estimated cost: \$150K

### Project Description:

Lois Avenue and Dale Avenue southeast of Woodmere Road experience flooding due to insufficient drainage capacity. The proposed project consists of construction of new pipes and inlets connecting Lois Avenue and Dale Avenue to alleviate the flooding.

### Project Map



# Mabel North of Henry

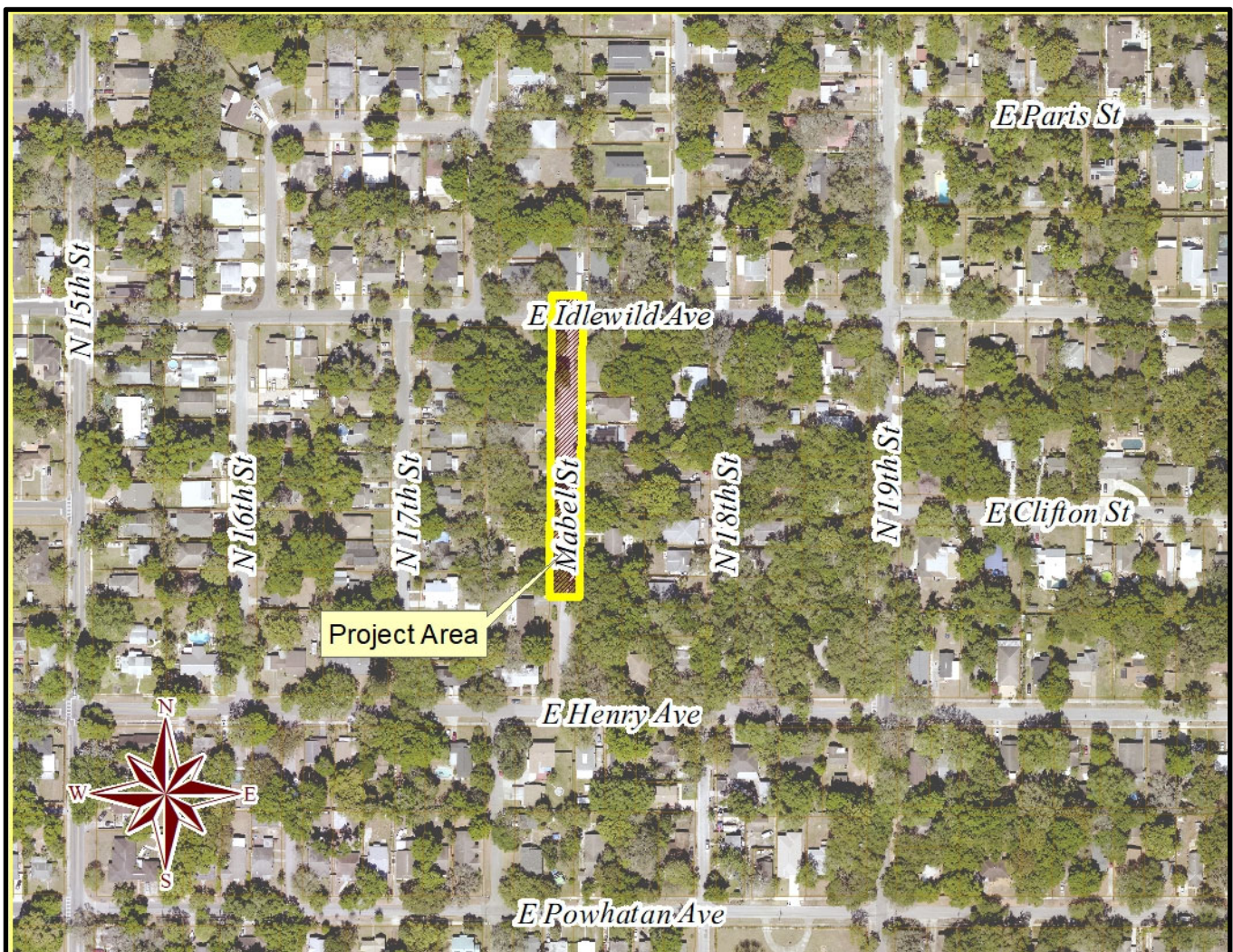
## Flooding Relief; District 5

Estimated cost: \$90K

### Project Description:

Low-lying areas on Mabel Street between Henry and Idlewild Avenue experiences frequent flooding due to insufficient drainage capacity. The proposed project consists of construction of new pipes and inlets connecting to the existing drainage system to alleviate the flooding.

### Project Map



# NTCB - Elmer Pond /Mary Sink Stormwater Improvement

## Flooding Relief/Water Quality Improvements; District 7

Estimated cost: \$90K.

### Project Description:

Elmer pond area is located within the North Tampa Closed Basin. This area experiences frequent flooding due to an inadequate drainage system. The proposed project will alleviate the flooding in the area by expanding the existing pond on the recently acquired properties adjacent to the pond to provide additional stormwater storage capacity. The project includes property acquisition, sinkhole restoration, ponds and control structures construction, existing pond expansion, and pipe installation.

### Project Map



# NTCB - 99<sup>th</sup> Avenue West Pond Expansion

## Flooding Relief/Water Quality Improvements; District 7

Estimated cost: \$50K

### Project Description:

The project is part of the overall North Tampa Closed Basin Stormwater Improvements. The proposed project will expand the existing pond on the recently acquired properties adjacent to the existing pond to provide additional storage capacity for the area. The project includes property acquisition, pond construction, and pipe installation.

### Project Map



# NTCB - 99<sup>th</sup> Avenue East Pond Expansion

## Flooding Relief/Water Quality Improvements; District 7

Estimated cost: \$60K

### Project Description:

The current 99<sup>th</sup> Avenue Pond area is located within the North Tampa Closed Basin. This area experiences frequent flooding due to an inadequate drainage system. The proposed project will expand the existing pond on the recently acquired properties adjacent to the existing pond to provide additional storage capacity for the area. The project includes property acquisition, new pond construction, pond expansion, and pipe installation.

### Project Map



# 13<sup>th</sup> and Conover

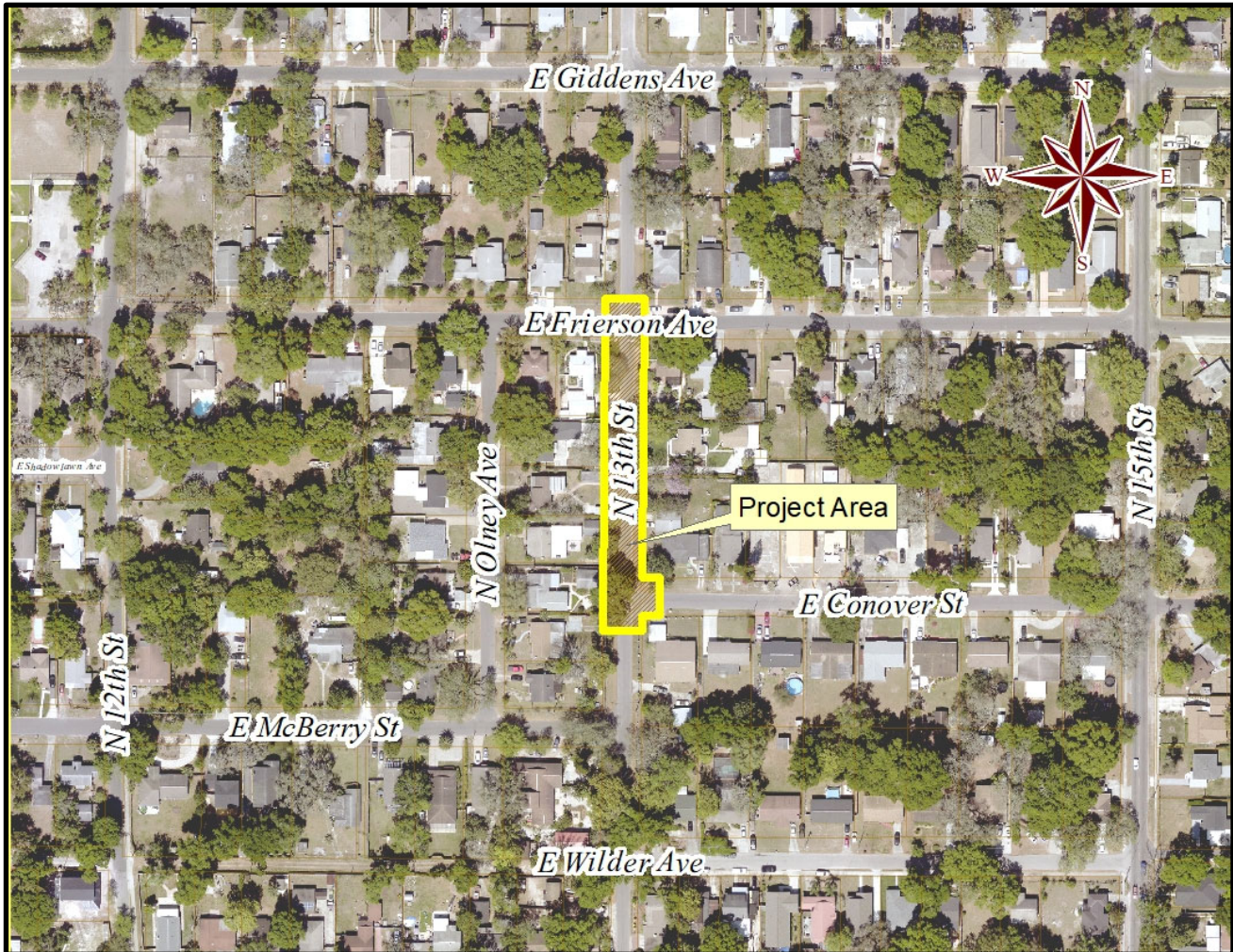
**Flooding Relief; District 5**

Estimated cost: \$90K

## **Project Description:**

Intersection area of 13th Street and Conover Street. experiences frequent flooding due to insufficient drainage capacity. The proposed project consists of construction of new pipes and inlets connecting to the existing drainage system to alleviate the flooding.

## **Project Map**







# Section B

## Stormwater Capital Improvement Bond Program Report

**City of Tampa  
Budget Office**  
**Stormwater Assessment Revenue Bonds, Series 2018 (Fund 31800)**  
**March 31, 2023**

**Cash Analysis:**

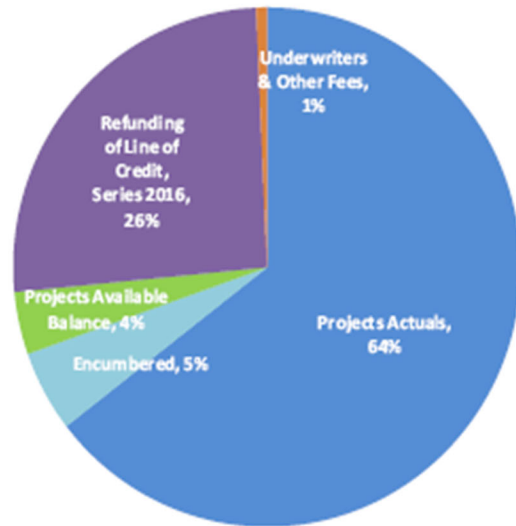
**Sources**

Bond Proceeds	\$84,560,000
Premium, net of Discount	13,222,033
Interest Earnings	2,694,813
<b>Total Sources</b>	<b>\$100,476,846</b>

**Uses**

Underwriters & Other Fees	(\$692,018)
Projects Actuals	(65,481,756)
Refunding of Line of Credit, Series 2016	(26,220,000)
<b>Total Amount Expended</b>	<b>(\$92,393,773)</b>

Available Cash \$8,083,072



**Available Funding for Projects:**

Available Cash	\$8,083,072
Encumbered	(5,146,889)
Projects Available Balance	(3,943,521)
<b>Available for Projects</b>	<b>(\$1,007,338)</b>

**Spend-Down Schedule:**

6 Months (10/26/2018)	10%	\$10,047,685
12 Months (04/26/2019)	45%	\$45,214,581
18 Months (10/26/2019)	75%	\$75,357,634
24 Months (04/26/2020)	100%	\$100,476,846

Percentage Spent - Mar 2023(1) **92%**

Bond Issuance Date 4/26/2018

Interest Earning Rate 1.42%

Bond Yield Rate 3.02%

**Details:**

Project Name	Project Number	Budget	Actuals	Encumbrance	Available Balance
43rd Street Outfall Regional Drainage Improv	1000151	\$5,241,152	\$4,985,594	\$0	\$255,558
Upper Peninsula Flooding Relief, Phase II	1000178	3,880,115	3,850,062	0	30,053
Orchid Sink Rehabilitation	1000384	508,586	508,586	0	0
Watrous Ditch Rehabilitation	1000386	60,581	60,581	0	0
30th Street Outfall	1000580	28,794	28,794	0	0
Box Culvert Rehabilitation	1000581	2,250,822	2,124,848	0	125,974

Project Name	Project Number	Budget	Actuals	Encumbrance	Available Balance
Howard Avenue Flooding Relief	1000749	476,903	404,049	0	72,854
Lower Peninsula Watershed Plan	1000750	2,417,506	2,307,355	0	110,151
Ditch Rehabilitation	1000751	130,259	107,849	0	22,410
Southeast Seminole Heights Flood Relief	1000773	11,503,253	8,665,903	2,076,763	760,587
Upper Peninsula Watershed Drainage Imprv	1001017	16,487,267	16,438,949	47,716	603
Cypress Street Outfall Regional Stormwater	1001018	16,719,297	15,089,455	1,629,236	606
Annual CIPP Rehabilitation	1001151	91,970	0	0	91,970
Hamilton Creek Water Quality Improvements	1001169	300,041	123,773	26,133	150,135
Lamb Canal Rehabilitation	1001171	400,058	249,733	29,795	120,530
North Tampa Closed Basins FY2018 - FY2022	1001173	4,463,061	4,124,363	3,245	335,453
Failed Pipe CIPP FY2018 - FY2022	1001175	2,343,405	1,806,055	536,866	485
In House Flooding Relief and Failed Pipe Replac	1001176	815,711	742,998	62,654	10,059
Consultants and Land Acquisition	1001218	1,252,306	937,445	314,861	0
Copeland Park Flooding Relief	1001370	1,515,000	921,776	1,340	591,884
Anita Subdivision Flooding Phase II	1001371	1,387,058	293,064	0	1,093,994
In House Flooding Relief - 45th Street	1001406	229,649	229,649	0	0
In House Flooding Relief - Rambla Street	1001428	36,247	36,247	0	0
West Saint Isabel - Gomez/Habana Flooding	1001437	124,116	19,236	104,880	0
Virginia Ave Pumping Station Drainage Improv	1001597	407,536	104,562	297,997	4,977
Delaware/Oregon/Dakota Groundwater Diversion	1001948	470,000	0	0	470,000
El Portal and Newport Avenue Pumping Station	1001951	353,915	335,092	15,403	3,420
Salaries for CIP and Cost Allocation		677,557	929,504	0	(251,947)
Other		0	56,235	0	(56,235)
<b>Projects Total<sup>(2)</sup></b>		<b>\$74,572,166</b>	<b>\$65,481,756</b>	<b>\$5,146,889</b>	<b>\$3,943,521</b>
Refunding of Line of Credit, Series 2016		26,220,000	26,220,000	0	0
Underwriters & Other Fees		692,018	692,018	0	0
Available for Projects		(1,007,338)	0	0	(1,007,338)
<b>Grand Total</b>		<b>\$100,476,846</b>	<b>\$92,393,773</b>	<b>\$5,146,889</b>	<b>\$2,936,183</b>

<sup>(1)</sup> "Percentage Spent" is calculated based on cash on hand and not the "Available Cash". Cash on hand (\$8,384,309) is equal to the "Available Cash" (\$8,083,072) plus the future payment of retainage payables (\$301,237). Percentage Spent= 100% - (Cash on Hand / Total Sources).

<sup>(2)</sup> Includes \$3,716,577 of anticipated interest earnings, from which \$1,007,338 is unearned interest, net of unused issuance costs.

**City of Tampa  
Budget Office  
Stormwater Assessment Revenue Bonds, Series 2021 (Fund 31801)  
March 31, 2023**

**Cash Analysis:**

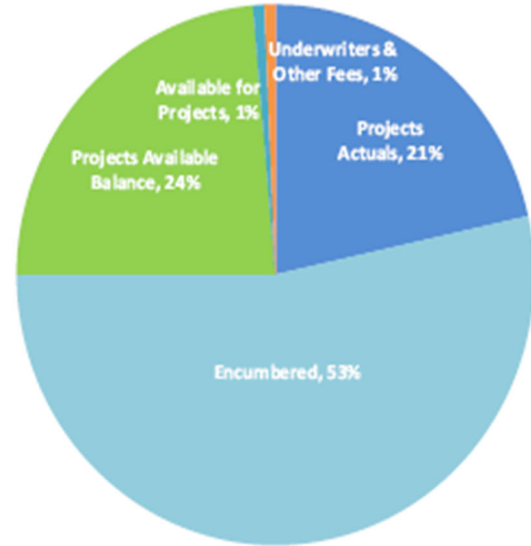
**Sources**

Bond Proceeds	\$36,615,000
Premium, net of Discount	8,173,542
Interest Earnings	687,507
<b>Total Sources</b>	<b>\$45,476,049</b>

**Uses**

Underwriters & Other Fees	(\$303,030)
Projects Actuals	(9,792,177)
<b>Total Amount Expended</b>	<b>(\$10,095,206)</b>

Available Cash \$35,380,843



**Available Funding for Projects:**

Available Cash	\$35,380,843
Encumbered	(24,321,024)
Projects Available Balance	(10,727,217)
<b>Available for Projects</b>	<b>\$332,602</b>

Available for Projects - Reserve \$114,583  
 Available for Projects - Unappropriated \$218,019

**Spend-Down Schedule:**

6 Months (4/7/2022)	10%	\$4,547,605
12 Months (10/7/2022)	45%	\$20,464,222
18 Months (4/7/2023)	75%	\$34,107,037
24 Months (10/7/2023)	100%	\$45,476,049

Percentage Spent - Mar 2023(1) **22%**  
 Bond Issuance Date 10/7/2021

Interest Earning Rate 0.85%  
 Bond Yield Rate 1.56%

**Details:**

Project Name	Project Number	Budget	Actuals	Encumbrance	Available Balance
Lower Peninsula Watershed Plan	1000750	\$18,695,266	\$3,714,763	\$14,882,260	\$98,242
Southeast Seminole Heights Flood Relief	1000773	6,500,000	108,777	5,562,982	828,241

Project Name	Project Number	Budget	Actuals	Encumbrance	Available Balance
North Tampa Closed Basins FY2018 - FY2022	1001173	1,000,000	350	0	999,650
Consultants and Land Acquisition	1001218	375,000	0	0	375,000
Comprehensive Infrastructure for Neighborhoods	1001913	17,000,000	4,880,844	3,875,781	8,243,375
Cost Allocation	0900007	1,270,151	1,087,443	0	182,709
<b>Projects Total</b>		<b>\$44,840,417</b>	<b>\$9,792,177</b>	<b>\$24,321,024</b>	<b>\$10,727,217</b>
Underwriters & Other Fees		303,030	303,030	0	0
Available for Projects		332,602	0	0	332,602
<b>Grand Total</b>		<b>\$45,476,049</b>	<b>\$10,095,206</b>	<b>\$24,321,024</b>	<b>\$11,059,819</b>

<sup>(1)</sup> "Percentage Spent" is calculated based on cash on hand and not the "Available Cash". Cash on hand (\$35,460,892) is equal to the "Available Cash" (\$35,380,843) plus the future payment of retainage payables (\$80,049). Percentage Spent= 100% - (Cash on Hand / Total Sources).



## Section C

# Stormwater Service Assessment Program Report

### Tampa City Council Update No. 26

Maintenance activities are reported based on service level frequency. Below is a list of the primary maintenance categories that are being tracked. Along with service level cycle times, we have also provided maintenance statistics for the quarter.

Operations and Maintenance Activities	Pre Fee Service Levels	Fee Target Service Levels	2 <sup>nd</sup> Quarter FY23 & Year-to-Date Service Levels
Ditches	10-Year Cycle	7-Year Cycle	5.3-Year Cycle (2 <sup>nd</sup> Qtr.) 7.1-Year Cycle (Y.T.D)
Ponds	Minimal	3-Year Cycle	3-Year Cycle (2 <sup>nd</sup> Qtr.) 3-Year Cycle (Y.T.D)
Pipes	10-Year Cycle	7-Year Cycle	7.1-Year Cycle (2 <sup>nd</sup> Qtr.) 6.3-Year Cycle (Y.T.D)
Outfalls	15-Year Cycle	5-Year Cycle	2.5-Year Cycle (2 <sup>nd</sup> Qtr.) 1.0-Year Cycle (Y.T.D)
Pumps	Low Preventative Maintenance	Annual Preventative Maintenance	1-Year Cycle
Street Sweeping	90-Day Cycle	60-Day Cycle	69-Day Cycle (2 <sup>nd</sup> Qtr.) 68-Day Cycle (Y.T.D)
Operations and Maintenance Activities	2 <sup>nd</sup> Quarter Maintenance Statistics		
Ditches	47,275 linear feet of ditches maintained with 3,275 tons removed, 14 fallen trees removed, 441,765 linear feet of ditch mowed monthly with 10.04 tons of trash removed.		
Ponds	6.64 tons of trash and illegal dumping have been disposed of, there have been 116 herbicide treatments to various ponds, 126 stormwater ponds mowed monthly. 2,982 linear feet of pond fencing replaced.		
Pipes	110,625 linear feet of storm drainage pipe inspected and maintained, 2,362 storm drain inlets and manholes inspected and maintained with 1,548 tons of debris removed. 32 cave-ins and 56 inlet tops repaired.		
Outfalls	90 outfalls were inspected and maintained.		
Pumps	Preventative Maintenance provided to all thirteen (13) stormwater pump stations. Proactive maintenance and inspections totaled 350 Manhours.		
Street Sweeping	6,927 curb miles were swept, approximately 1,977 tons of debris removed. Cycle times suffered due to leaf season.		

Activity Type	2 <sup>nd</sup> Quarter Department Activities Relating to Findings Pertaining to Ditches/Swales
Micro Projects	There are currently two (2) projects that are being developed to remedy historic activity.
Maintenance Activities	There are three (3) locations that are currently being reviewed by Operations staff.

## Maintenance Highlights for this Quarter

### Canal 14 Dredging - S. Occident St.



Before



During (Ongoing)

**Curiosity Creek Vegetation Control - Carp Release**



**Picture 1**



**Picture 2**

**Curiosity Creek Vegetation Control - Carp Release (cont.)**



**Picture 3**



**Picture 4**



**Headwall Repair 4301 N. Hubert Ave.**



**Before**



**After**

**Ditch Grading 2013 W. Hanna Ave.**



**Before**



**After**