Stormwater Projects / Program Report

Tampa City Council Update

No. 23 - September 1, 2022

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. SoHo Resiliency
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;
City Project #: 0000403

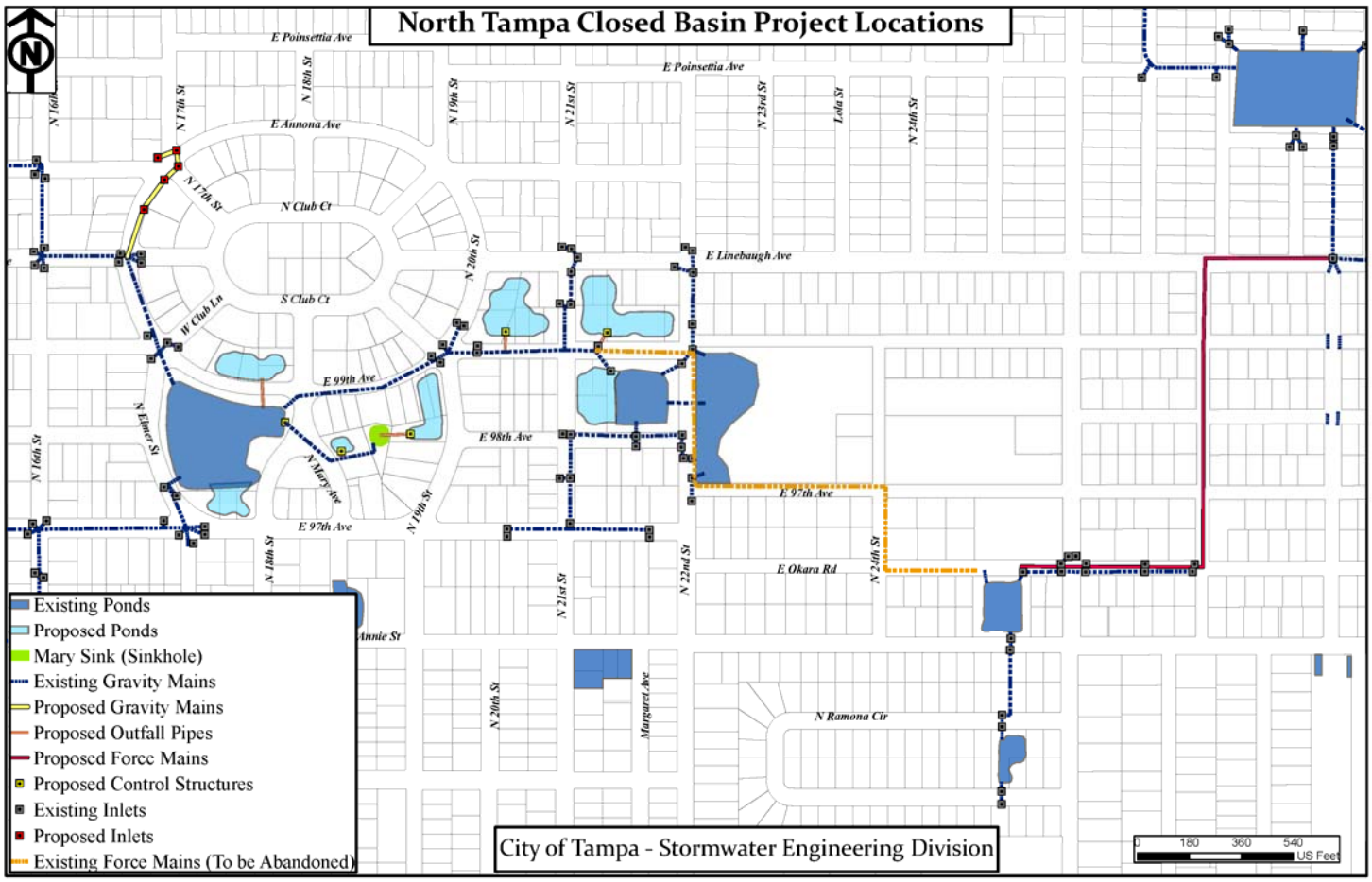
Project Description:

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. The project consists of property acquisition in the area experiencing the most severe flooding. Approximately 50 properties are identified.

City of Tampa Stormwater Engineering Division is coordinating with the Urban Land Institute (ULI) team and the Resilient Ready team regarding the proposed drainage system improvements in keeping with the One Water policy of the Resilient Tampa Initiative.

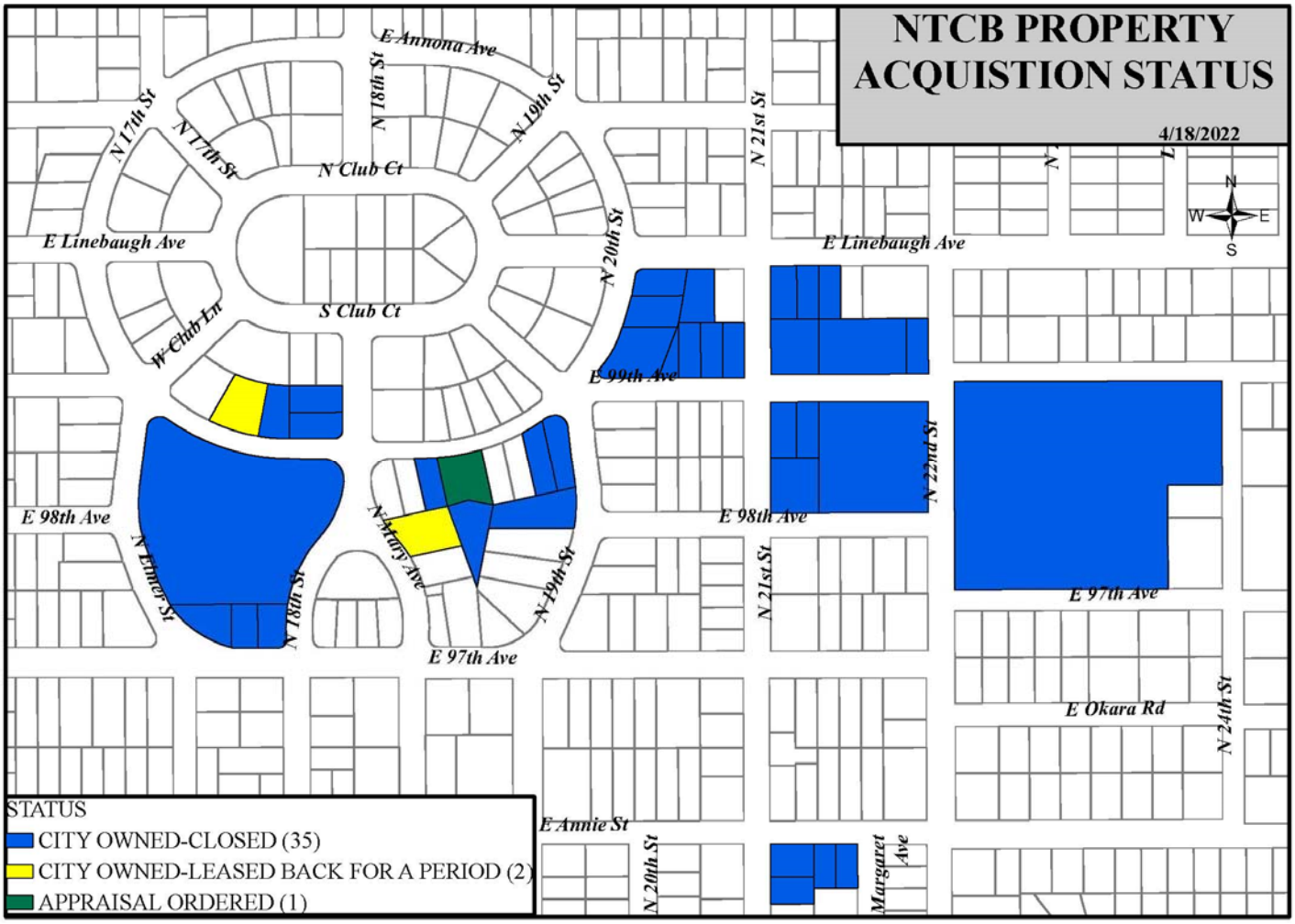
Project Map



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:

- The City of Tampa Real Estate Division is in the process of acquiring the properties as identified by the Mobility Department's North Tampa Closed Basin Study. Please see the property acquisition map above.
- Property acquisition is substantially completed with 2 remaining to be purchased.
- The construction of David E. West pond and piping system is completed.
- The construction of Annie pond is completed.
- All of the remaining components of the projects are in the design phase.

2. Cypress Street Outfall Extension

Flooding Relief & Water Quality Improvement;
City Project #: 1001018

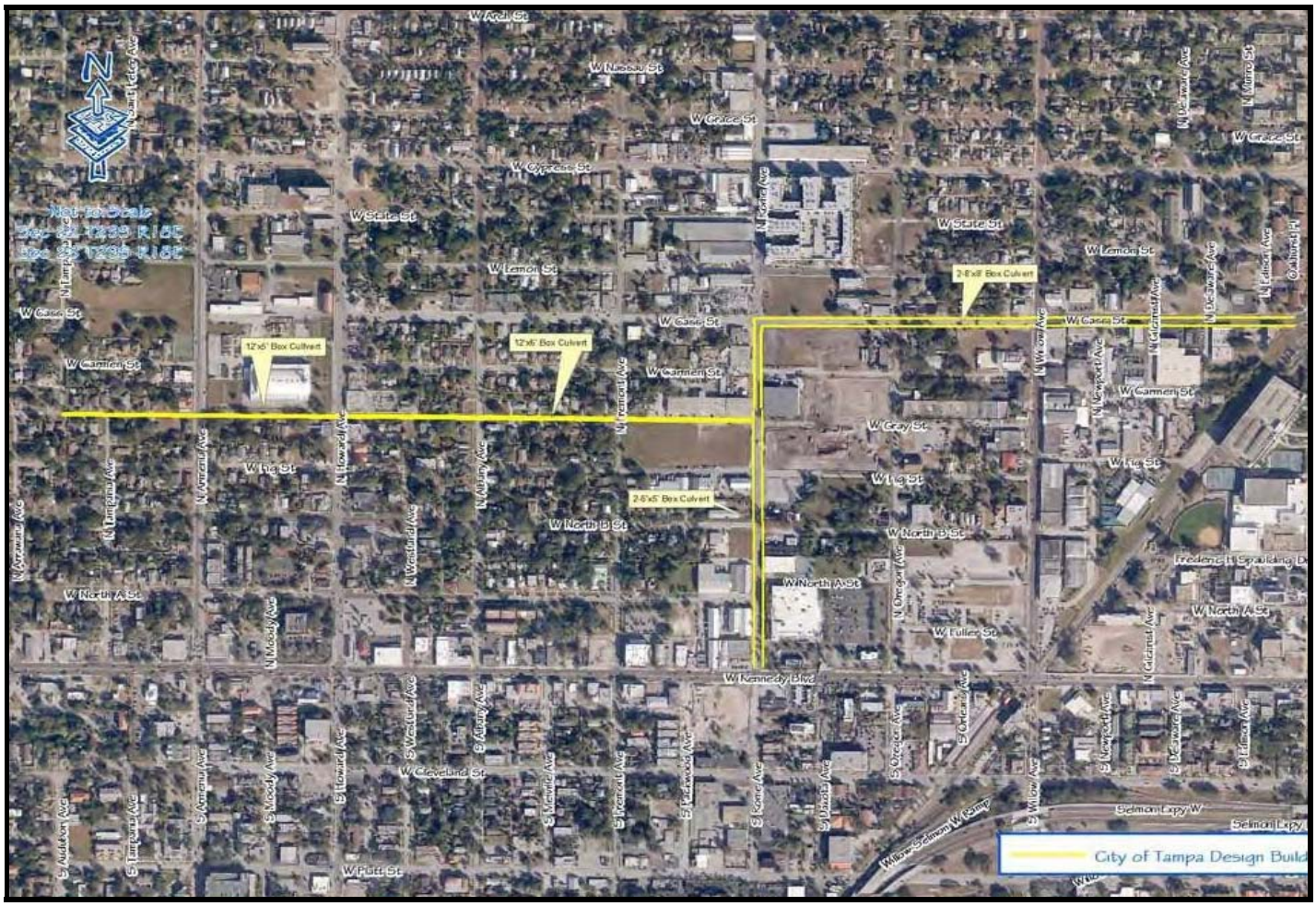
Project Description:

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 at 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/SWFWMD	FY17	FY22

Timeline:

- Design and Permitting is 100% completed.
- The SWFWMD Board approved the GMP in April 2019.
- Tampa City Council approved the GMP in June 2019.
- The construction is completed.

3. Southeast Seminole Heights Flooding Relief

Flooding Relief & Water Quality Improvement;

City Project #: 1000773

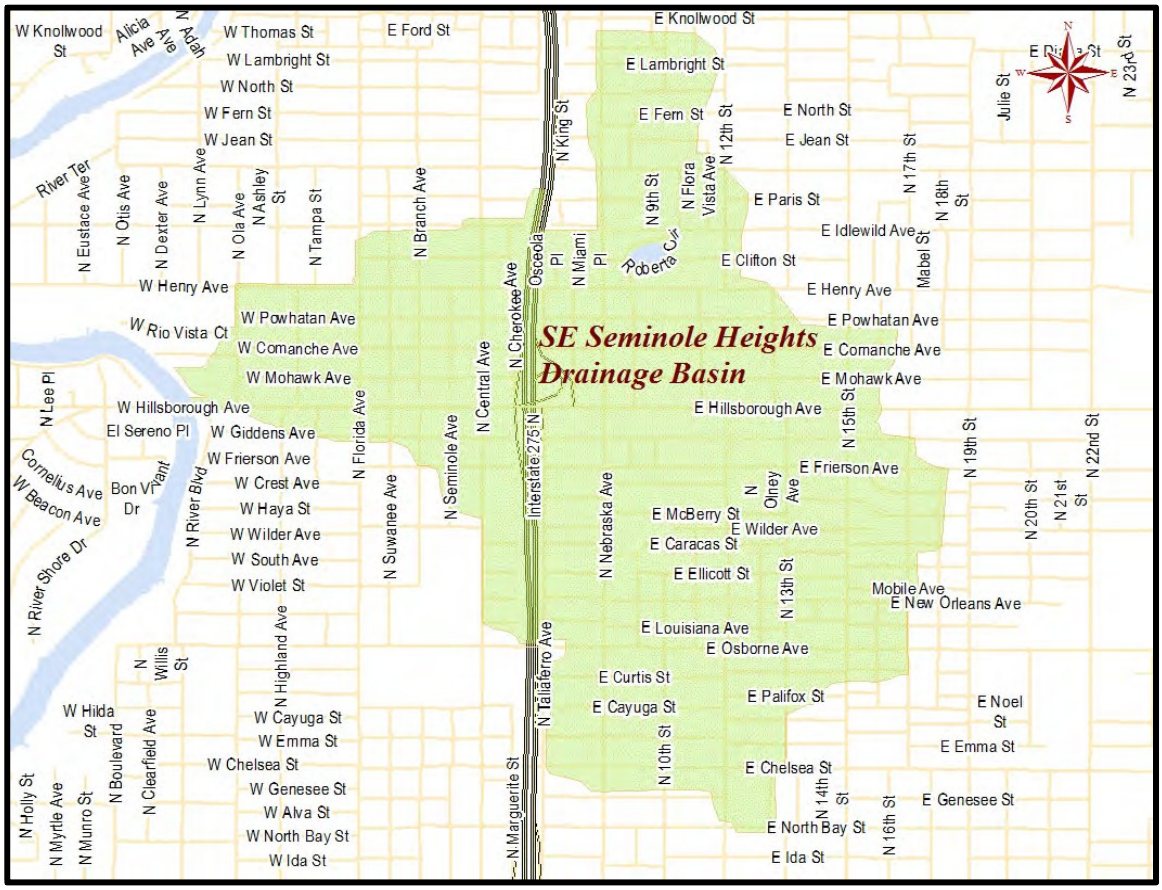
Project Description:

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.

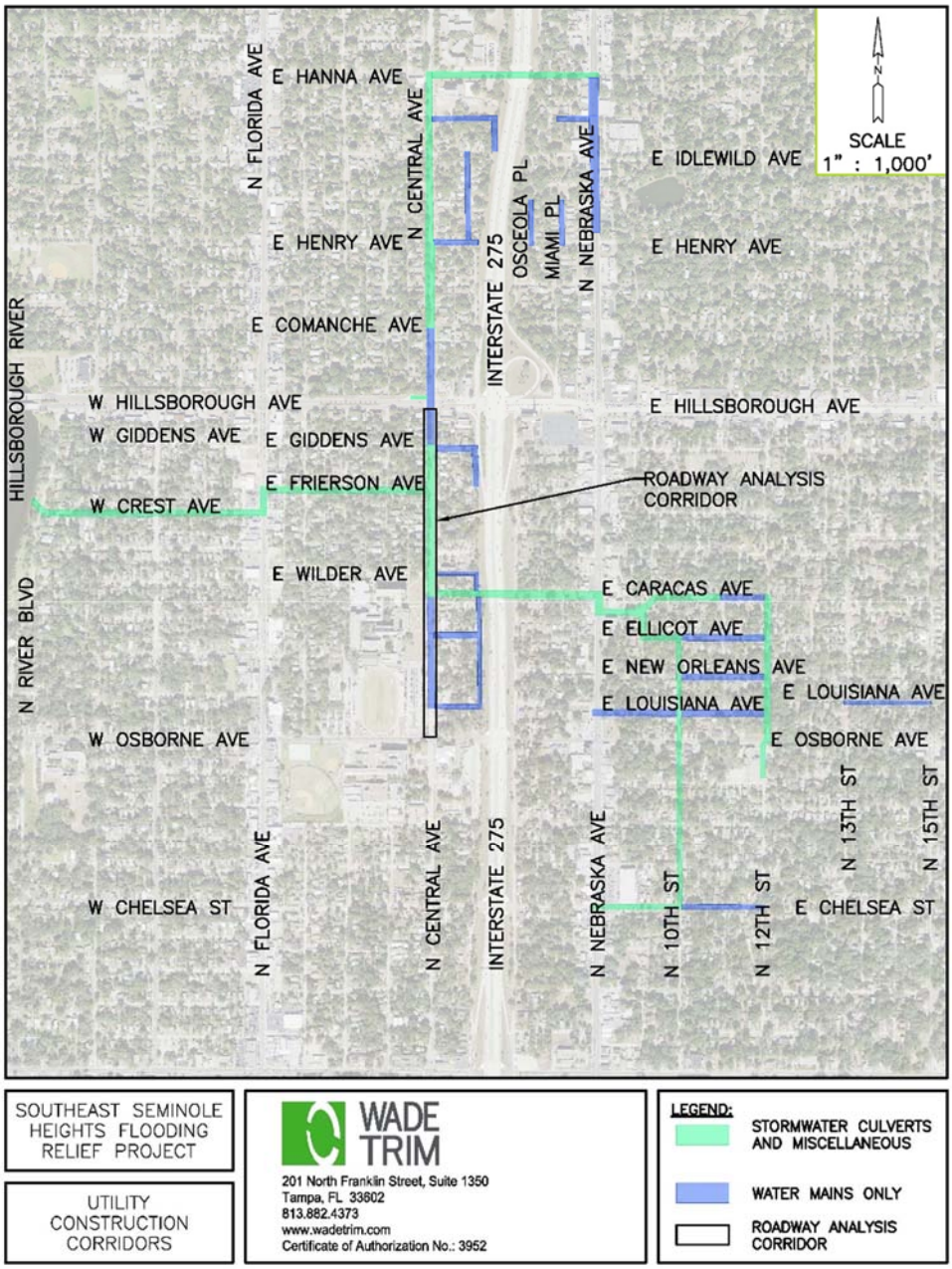
Southeast Seminole Heights Basin has numerous flooding locations, failing and undersized conveyance systems throughout the basin. A recent drainage study identified several potential stormwater improvement projects to alleviate flooding.

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:



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;
City Project #: 1000178

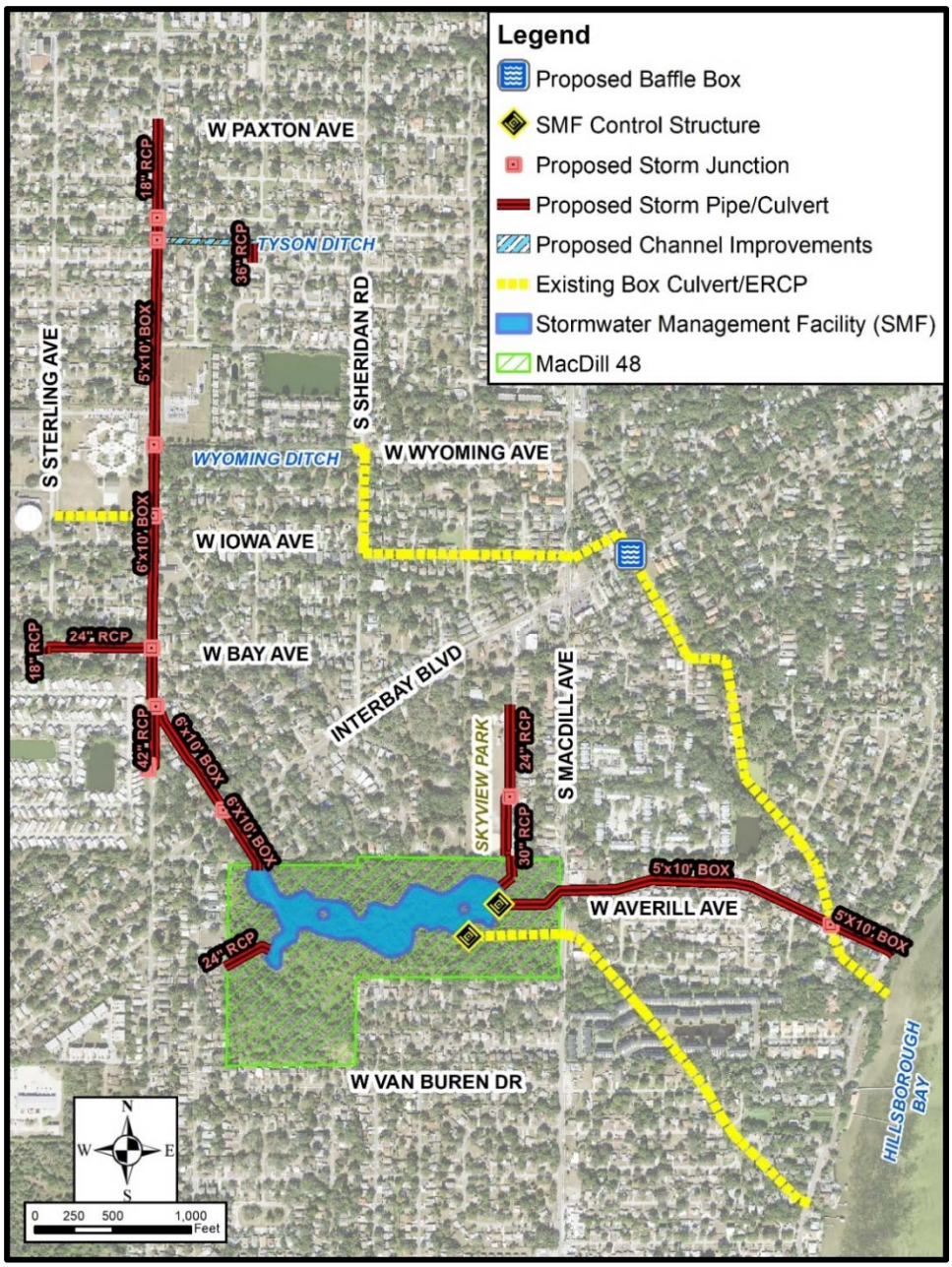
Project Description:

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.

A 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 South West Florida Water Management District (SWFWMD) for these improvements.

Watershed Location Map

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 approved.
- The project is scheduled to go before the SWFWMD governing board on August 23, 2022
- The GMP is scheduled to go to City Council on September 15, 2022.
- The target date for the start of construction is the 1st quarter of FY23.

5. Golf View Flooding Relief

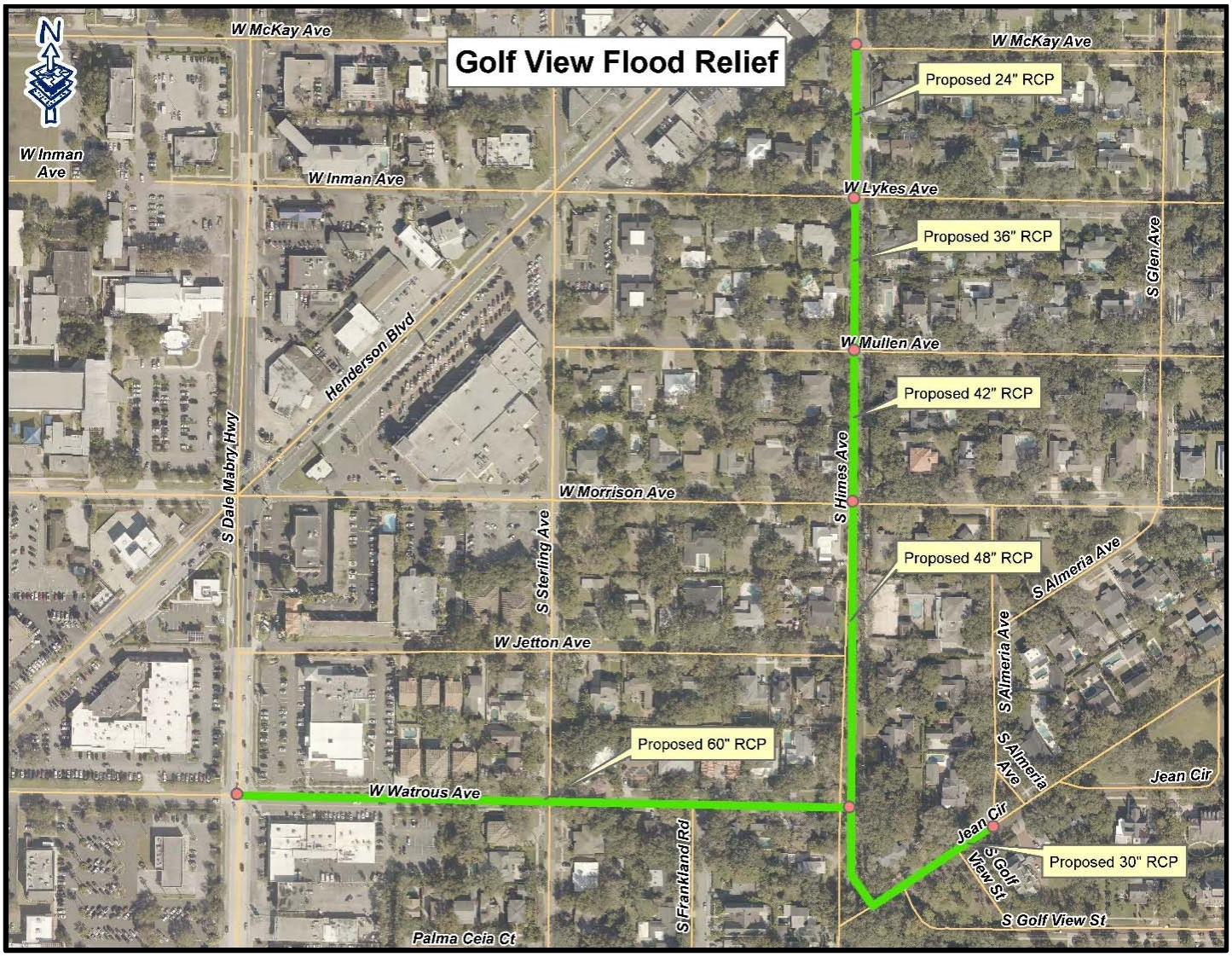
Flooding Relief & Water Quality Improvement;
City Project #: 1002178

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	FY22	FY23	FY24	FY25
Design	$200,000	$600,000	$0	$0
Construction	$0	$0	$5,000,000	$2,800,000

Timeline:

- The design fee is being negotiated w/ KCA

6. SoHo Resiliency

(fka Upper Peninsula East Region Flooding Relief)

Flooding Relief & Water Quality Improvement;
City Project #: 1002179

Project Description:

This project consists of design and construction of a new stormwater system to alleviate frequent and dangerous flooding in the Parkland Estates neighborhood of South Tampa. The area is currently served by a gravity conveyance system that is old and undersized, and during high intensity and short duration storm events the park area and surrounding streets in the neighborhood experience severe flooding. Many of the homes around the park area have experienced structural flood damage in the past. This project proposes to construct new inlets and gravity mains which outfalls to the bay to collect and convey stormwater runoff. There will also be opportunities to implement Green Infrastructure technologies and improve water quality with this project.

City of Tampa and Tampa Hillsborough Expressway Authority (THEA) agreed that THEA will participate in the project by providing funding to increase capacity of the proposed stormwater system to accommodate additional flows from the Selmon Expressway Widening project.

Project map & Photo:

Projects Costs and Timeline:

Phase	FY22	FY23	FY24	FY25	FY26
Design	$2,500,000	$2,500,000	$0	$0	$0
Construction	$0	$0	$18,000,000	$16,000,000	$16,0000,000

6. Miscellaneous Capital Improvement Project Status

Tampa City Council Update No. 23 - September 2022

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	DISTRICT	ESTIMATE
Projects Assigned to Construction Contracts		
1. Copeland Park Force Main	7	$600,000
2. Perry and Woodlawn Groundwater Diversion	6	$100,000
Projects Bid through CAD		
3. 2nd Street from Interbay to Bay	4	$200,000
4. FY21 Annual CIPP Rehabilitation	Citywide	$500,000
5. 56th Street and Broadway Avenue Drainage Improvement	5	$2,000,000
6. Lamb Canal Rehabilitation (paused for reevaluation)	4	$10,000,000
7. Ditch Rehabilitation Program	Citywide	$1,000,000
8. Hyde Park Groundwater Diversion Ph 2 (Newport, Willow, Orleans and Watrous)	4	$2,000,000
9. Beach Park Flooding Relief	6	$1,000,000
10. Manhattan: Vasconia to Bay to Bay Flooding Relief	4	$10,000,000
11. Annual Box Culvert Rehabilitation	Citywide	$3,000,000
12. 4801 Neptune Way Drainage Improvement	6	$500,000

CAPITAL IMPROVEMENT PROJECTS	DISTRICT	ESTIMATE
Job Order Contracting		
13. Copeland Park Pumping Station	7	$200,000
14. Lantana/Poinsettia Pumping Station	7	$200,000
15. El Portal & Newport Pumping Station	6	$325,000

Projects Assigned to Mobility Department In-House Crews		
16. Chelsea Street at 44th Street Flooding Relief	5	$10,000
17. Everina Street from Carrington to Coachman	4	$200,000
18. Okara Road and 26th Street Force Main	7	$90,000
19. Terrace Park Pond Outfall (aka Bougainvillea Pond Outfall)	7	$75,000
20. 2nd Street from Wyoming to Interbay	4	$50,000
21. Clark Avenue & Fair Oaks Avenue.	4	$95,000
22. Church Avenue & Fair Oaks Avenue	4	$25,000
23. Franklin Street from Henderson to Estelle	5	$75,000
24. Krental Pond	4	$25,000
25. Clark Street & 30th Street Pipe Relocation	5	$75,000

Copeland Park Force Main

Flooding Relief; District 7

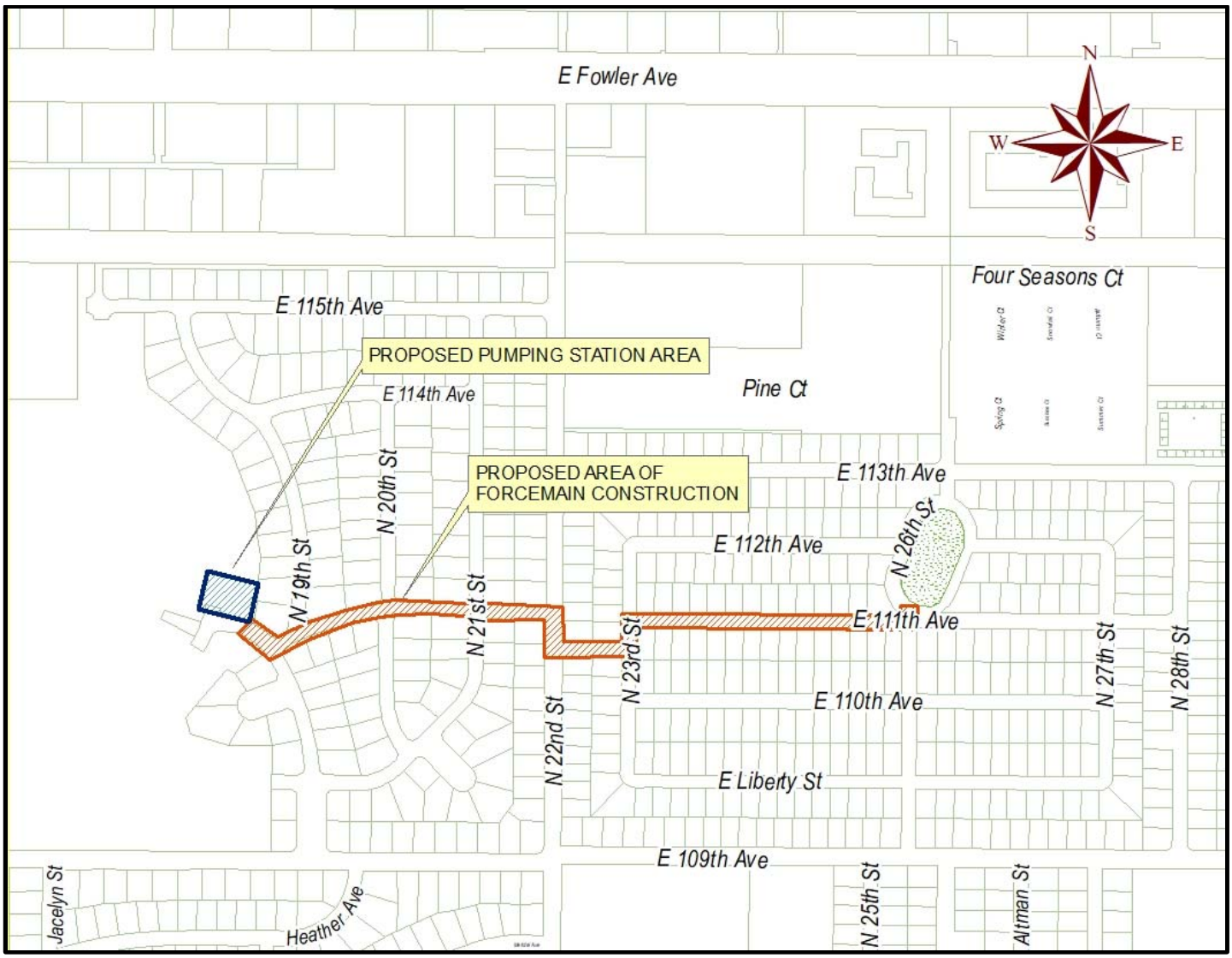
Estimated cost: $600K

Project Description:

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

The project consists of construction of new force main connecting Copeland Pumping Station to the existing drainage system on East 111th Avenue and North 26th Street area.

Project Map



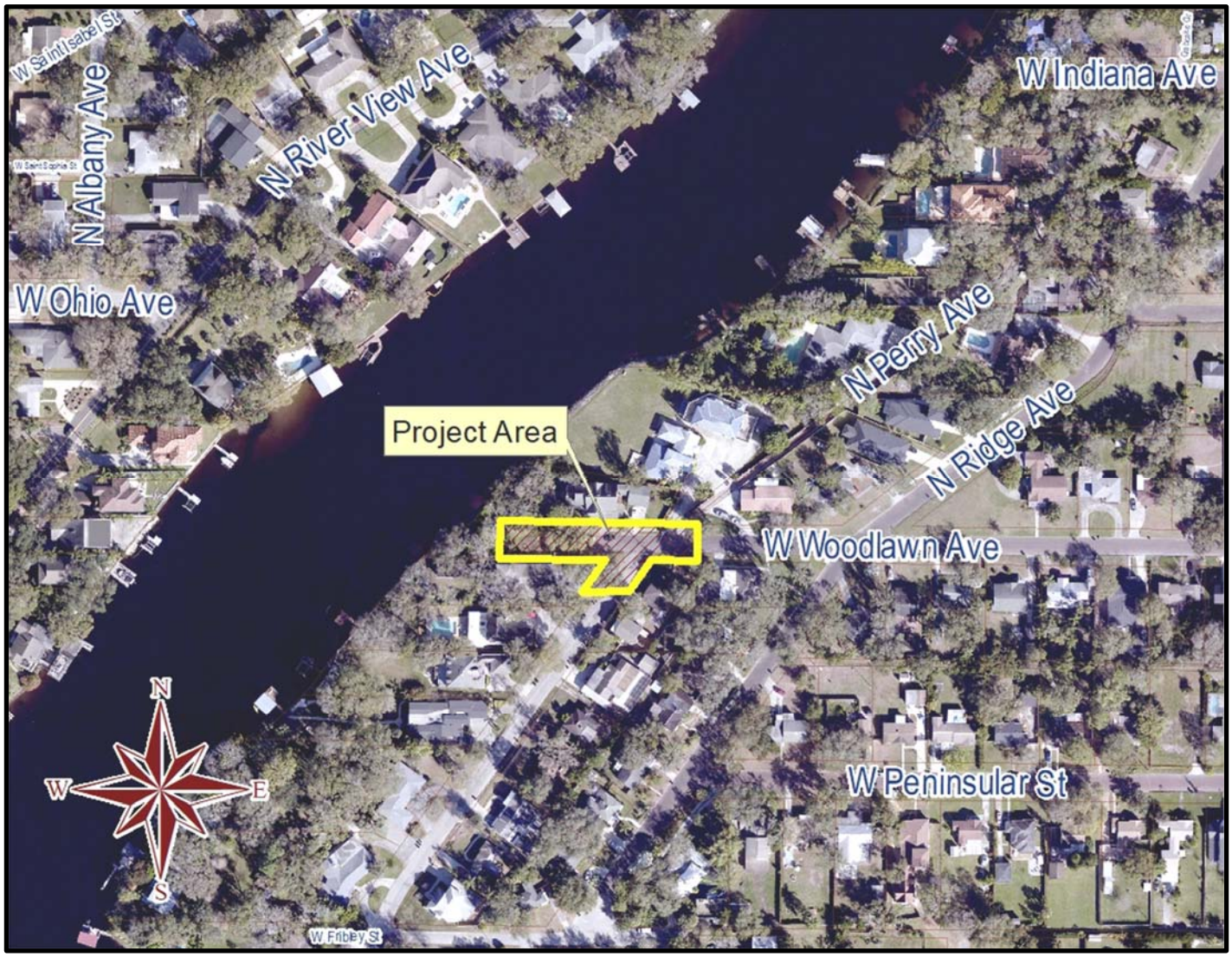
Perry and Woodlawn

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



2nd Street from Interbay to Bay

Flooding Relief; District 4

Estimated cost: $200K

Project Description:

New drainage system to is proposed along 2nd Street to connect to box culvert along West Bay Avenue.

Justification:

Severe Street flooding along South 2nd Street from Interbay Boulevard to West Bay Avenue.

Related Issues:

South 2nd Street dead ends before West Bay Avenue. Easement may be required to connect to existing box culvert along West Bay Avenue.

Project Map & Photo

FY21 Annual CIPP Rehabilitation

Flooding Relief; Citywide

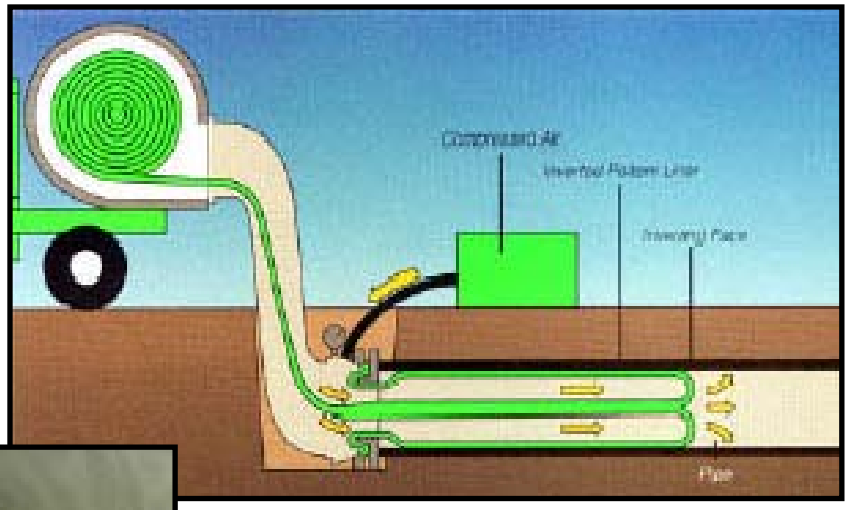
Estimated cost: $500K

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

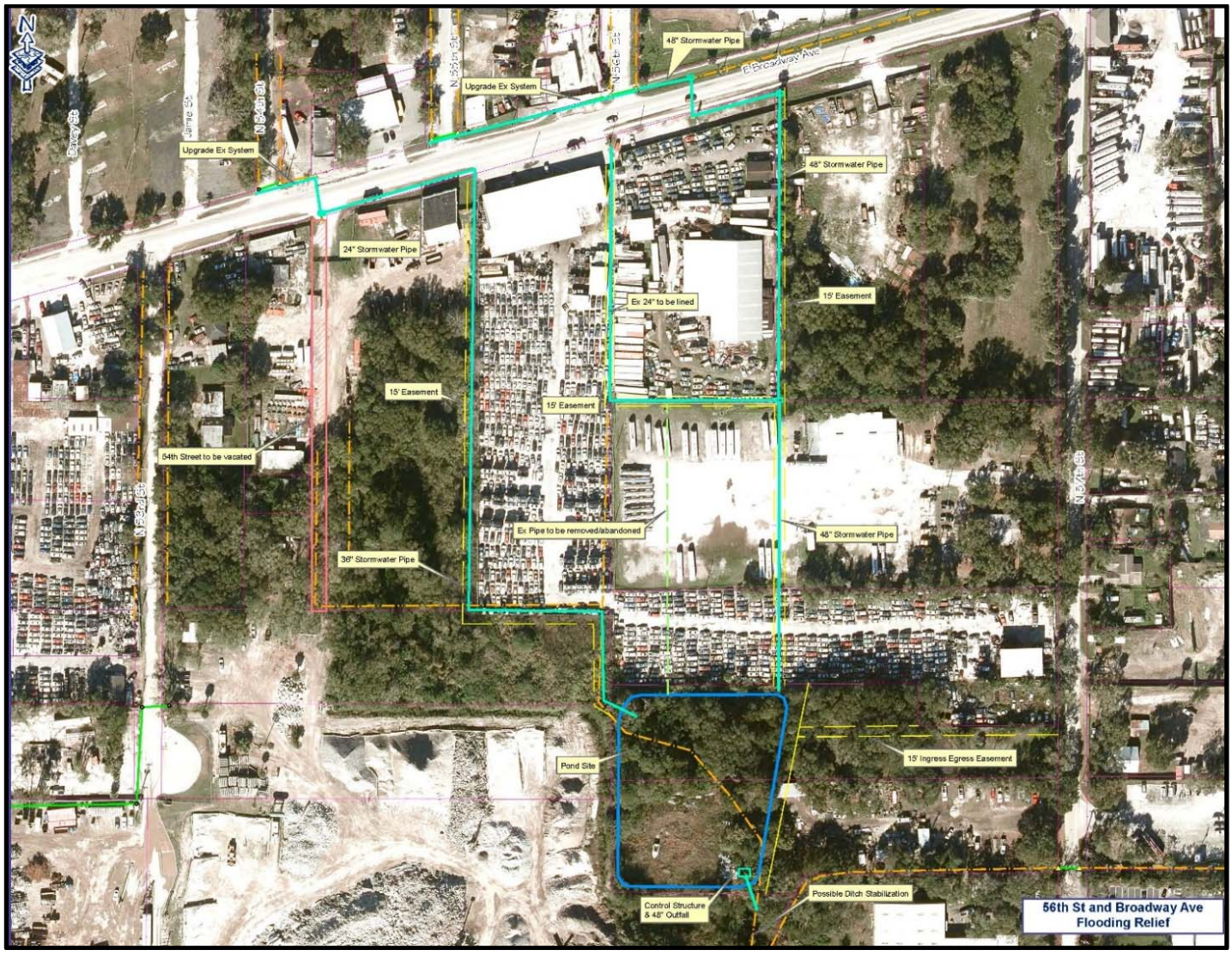
Project Description:

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

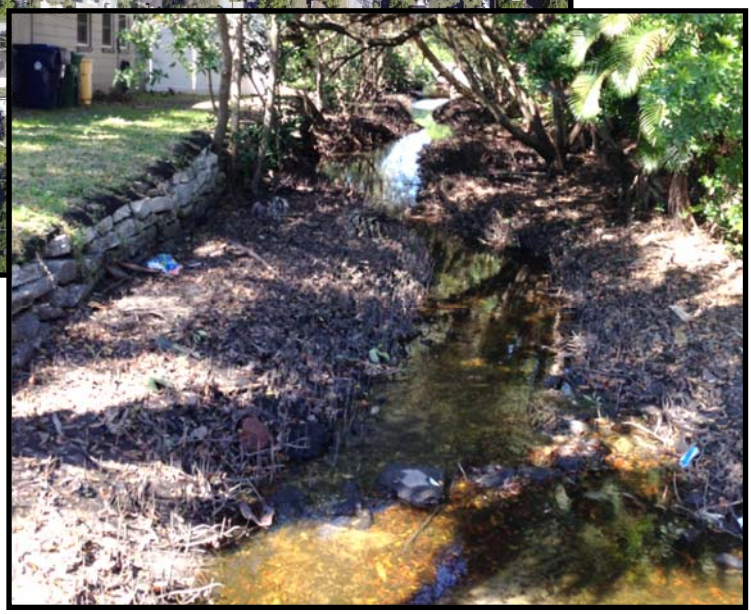
Water Quality Improvement/Flooding Relief; District 4

Estimated cost: $10M

Project Description:

Lamb canal from Emerson Street to West Shore Boulevard section has been eroded over the years and in need of 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 form 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

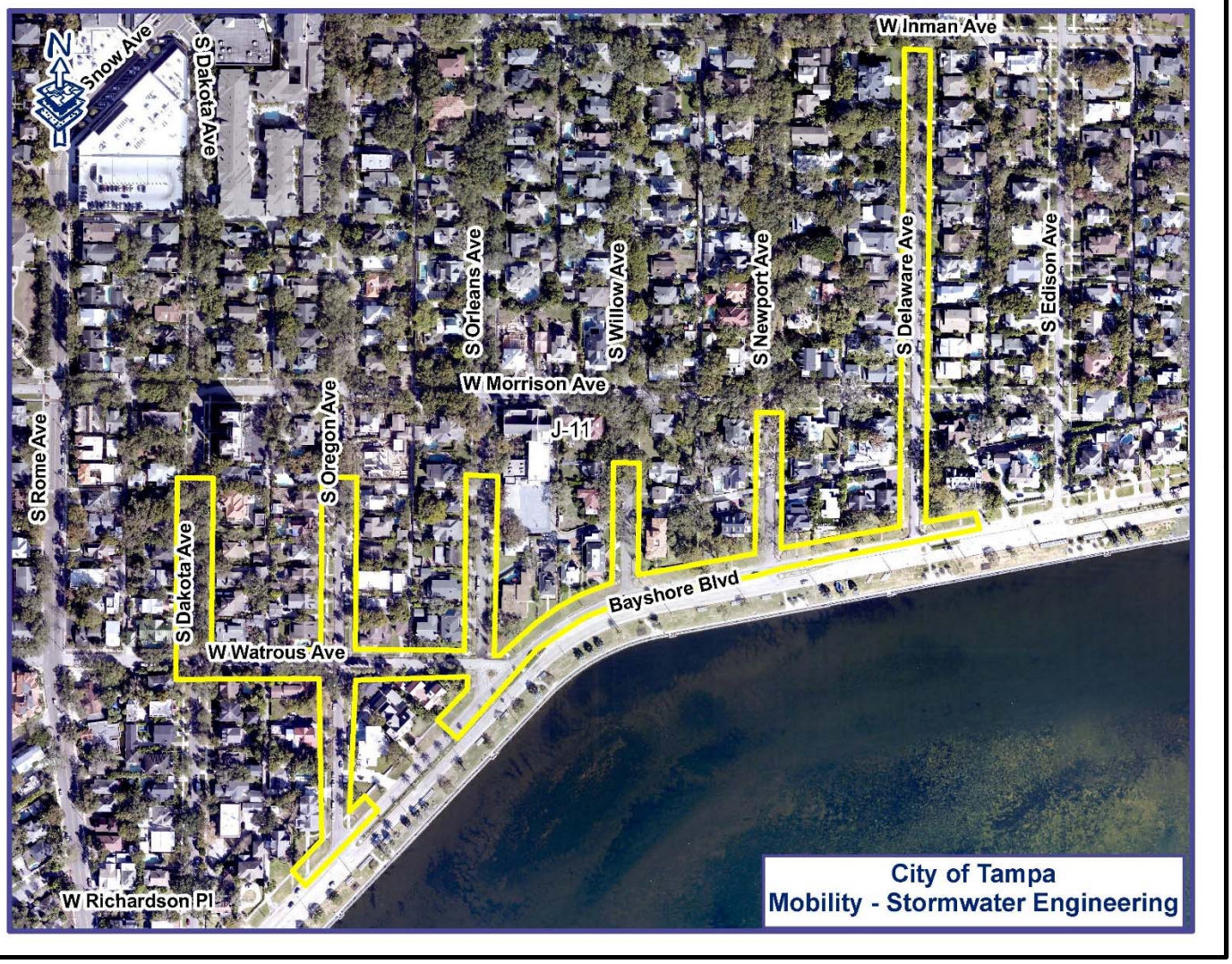
Estimated cost: $2M

Project Description:

This area of Hyde Park has experienced extremely high groundwater level 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

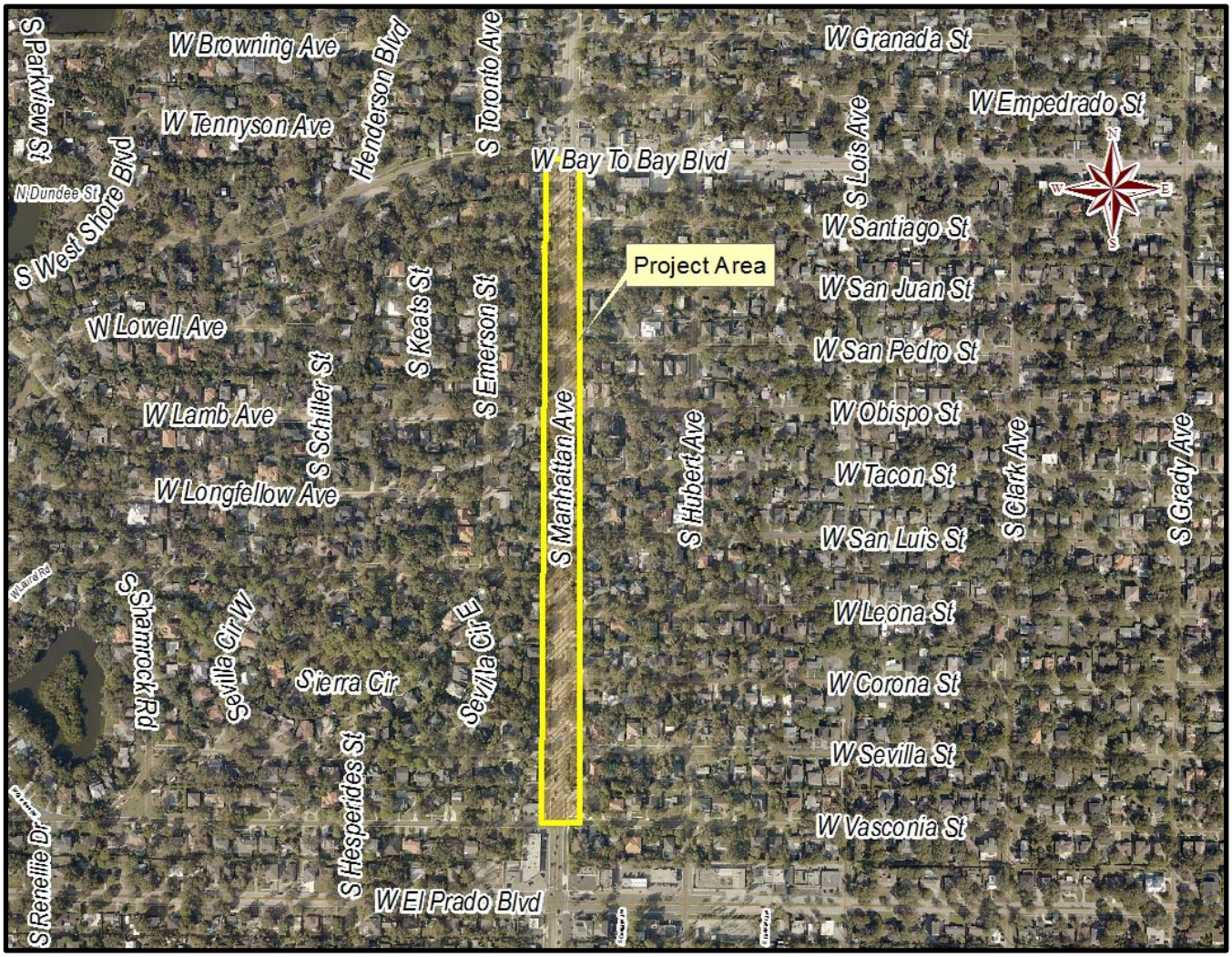
Flooding Relief FY2020; District 4

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 in 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: $200K

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 111th Avenue and North 26th Street area will be constructed under a separate project.

Project Map and Photo

Lantana/Poinsettia Flooding Relief

Flooding Relief; District 7

Estimated cost: $200k

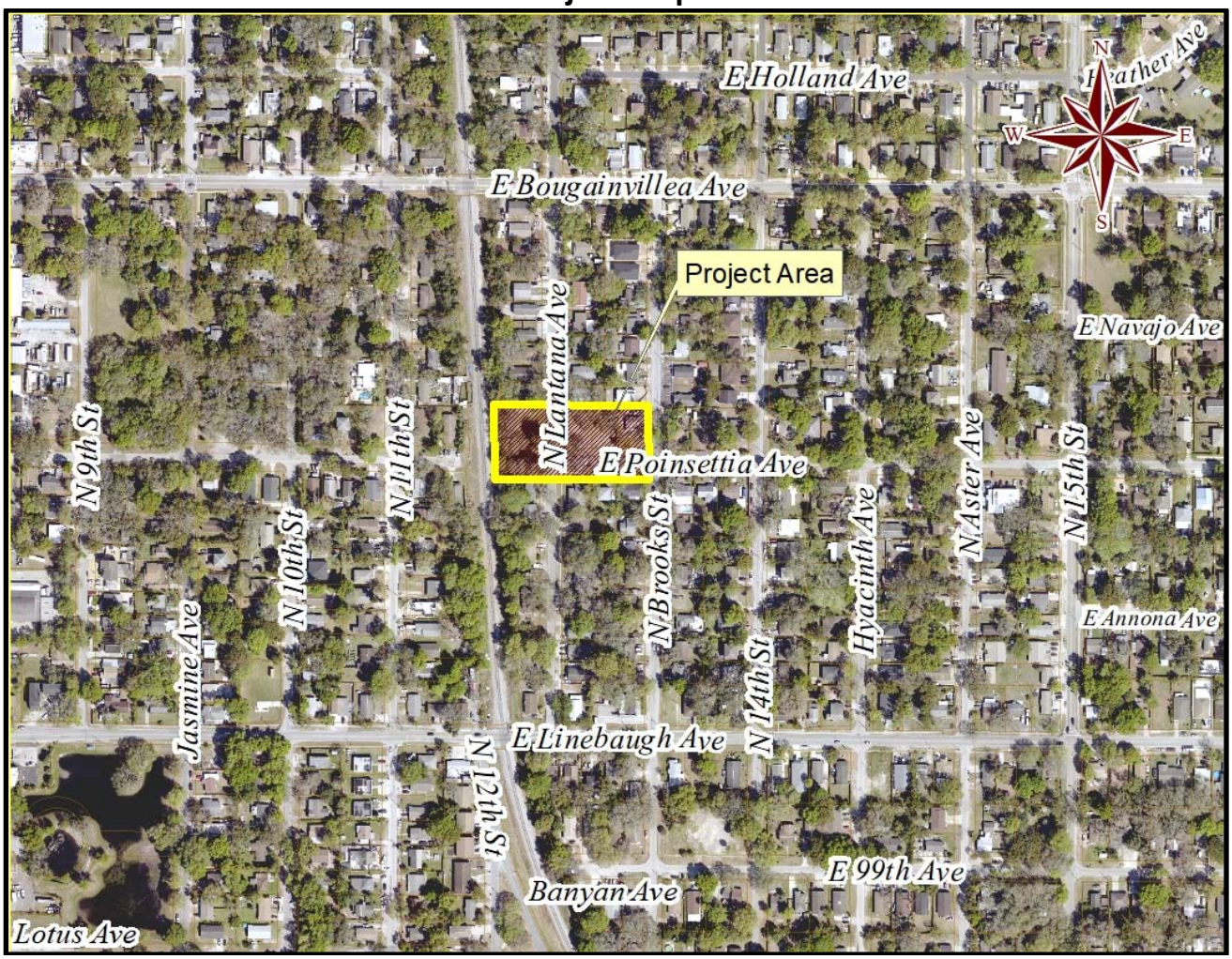
Project Description:

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 11th 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



El Portal & Newport Pumping Station

Flooding Relief; District 6

Estimated cost: $325k

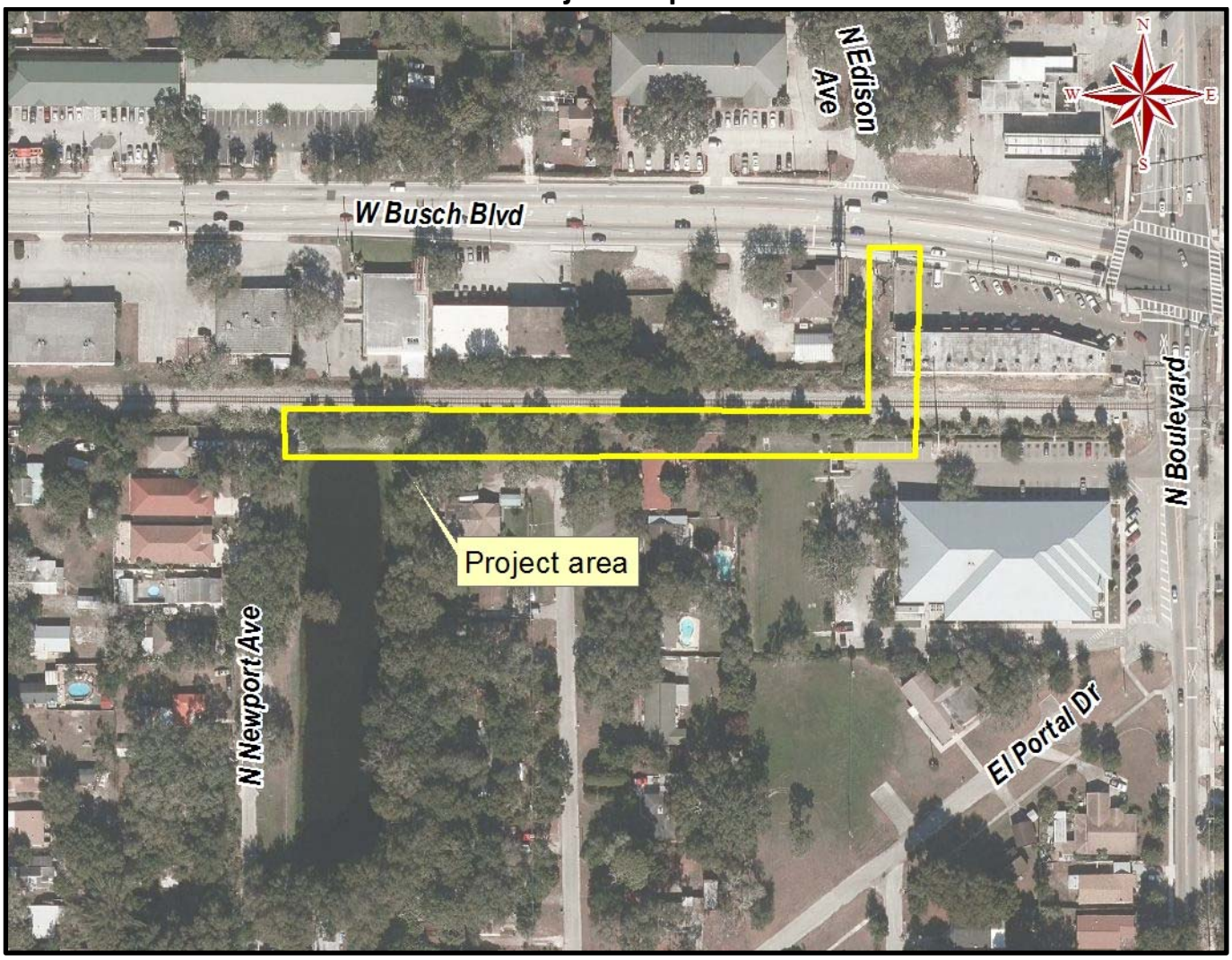
Project Description:

The project consists of construction of a new pumping station and force main connecting to the existing drainage system on Busch Boulevard.

Justification:

The pond located at North Newport Avenue and Busch Boulevard area currently discharges via a temporary pump. The proposed project will replace the temporary pump with a permanent pumping station to provide a more reliable outfall for the pond system.

Project Map



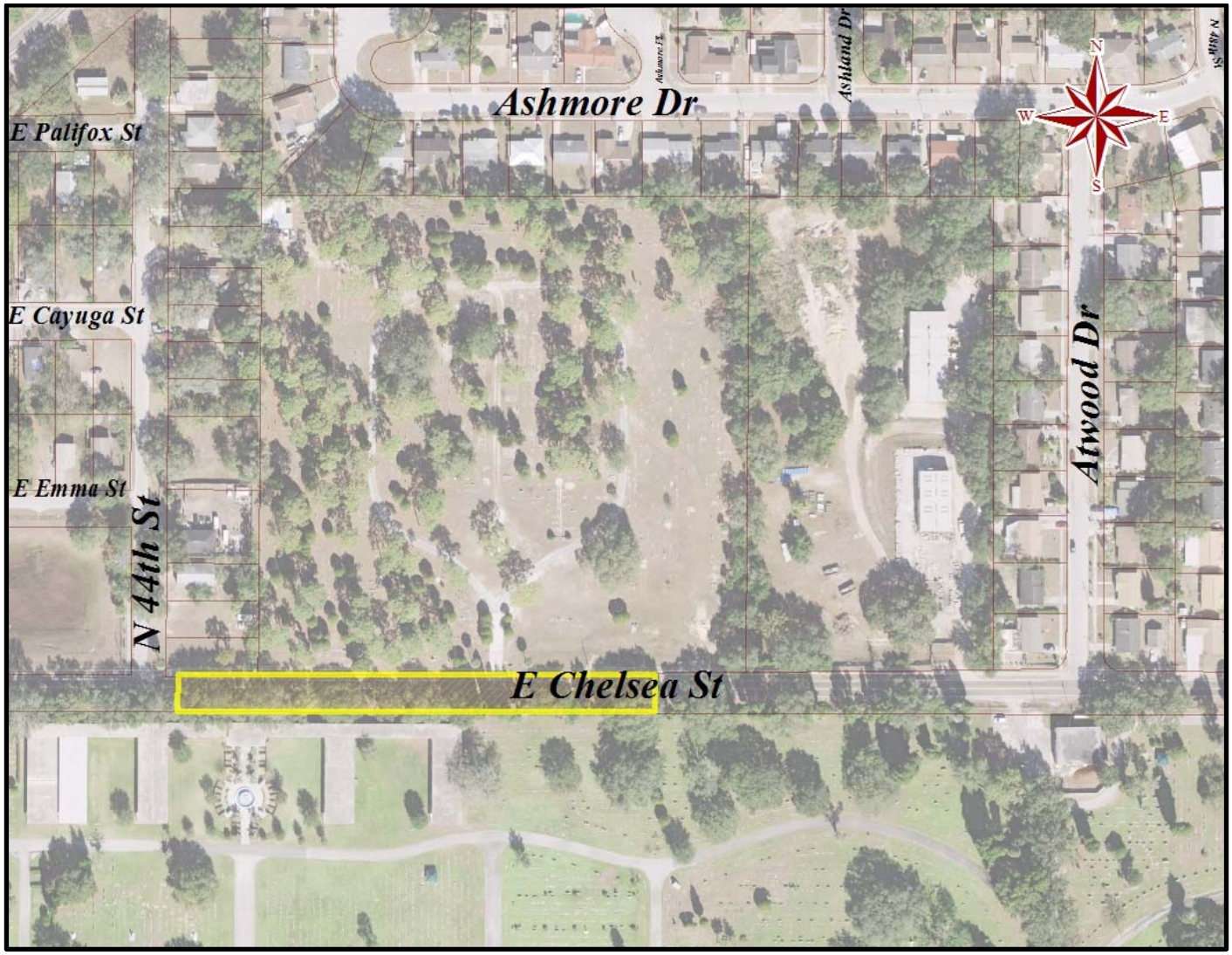
Chelsea Street at 44th Street Flooding Relief

Flooding Relief; District 5
Estimated cost: $10K

Project Description:

Low-lying areas on East Chelsea Street between North 44th Street and Atwood Drive experiences frequent flooding. The proposed project consists of construction of roadside swales on both sides of Chelsea Street to alleviate the flooding situation.

Project Map



Everina Street from Carrington to Coachman

Flooding Relief; District 4

Estimated cost: $200K

Project Description:

This section of South Everina Street has experienced localized flooding in the past. The scope of this project is to install new pipes and inlets connecting to the existing system to provide flooding relief for the residential neighborhood.

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 26th 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

Terrace Park Pond Outfall

(aka Bougainvillea Pond Outfall)

Flooding Relief; District 7

Estimated cost: $75K

Project Description:

The existing pond located at the intersection of North 46th Street and Bougainvillea Avenue does not have an outfall. The pond overflows and floods the adjacent properties and streets after heavy rainfalls. The proposed project will provide an outfall for the pond to alleviate the flooding. Project includes the installation of control structure for the pond with pipes connecting it to the existing system on Bougainvillea Avenue.

Project Map

2nd Street from Wyoming to Interbay

Flooding Relief; District 4
Estimated cost: $50K

Project Description:

The existing ditch/culvert system in the area has been compromised by discontinuous driveway culverts and inadequate system on Interbay Boulevard. The proposed project will upgrade the drainage system on 2nd Street and provide a connection to box culvert at 3rd Street to improve drainage.

Project Map and Photo:

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

Church Avenue and Fair Oaks Avenue

Flooding Relief; District 4

Estimated cost: $25K

Project Description:

The corner of Church Avenue and Fair Oaks Avenue experiences frequent flooding due to a section of improperly constructed aboveground pipes. The proposed project will replace the aboveground pipe with underground pipe and a manhole to establish proper drainage pattern.

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

Krental Pond

Flooding Relief/Water Quality Improvements; District 4

Estimated cost: $25K

Project Description:

South Krental Avenue between West Kennedy Boulevard and West Cleveland Street experiences frequent flooding during short, intense rainfalls due to undersized drainage system. The proposed project consists of property acquisition and construction of a stormwater pond to alleviate flooding and provide water quality treatment.

Project Map

Clark Street & 30th 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.

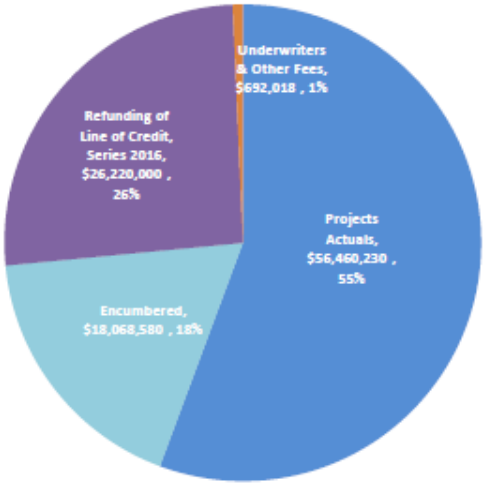
Project Map

Section B
Stormwater Capital Improvement Bond Program Report

City of Tampa
Budget Office
Stormwater Assessment Revenue Bonds, Series 2018 (Fund 31800)
May 31, 2022

Cash Analysis:

Sources	
Bond Proceeds	$84,560,000
Premium, net of Discount	13,222,033
Interest Earnings	2,531,301
Total Sources	$100,313,334
Uses	
Underwriters & Other Fees	($692,018)
Projects Actuals	(56,460,230)
Refunding of Line of Credit, Series 2016	(26,220,000)
Total Amount Expended	($83,372,248)
Available Cash	$16,941,087



Available Funding for Projects:

Available Cash	$16,941,087
Encumbered	(18,068,580)
Projects Available Balance	(43,356)
Available for Projects - Not Appropriated	($1,170,849)

Spend-Down Schedule:

6 Months (10/26/2018)	10%	$10,031,333
12 Months (04/26/2019)	45%	$45,141,000
18 Months (10/26/2019)	75%	$75,235,001
24 Months (04/26/2020)	100%	$100,313,334

Percentage Spent - May 2022(1)	82%
Bond Issuance Date	4/26/2018
Interest Earning Rate	1.48%
Bond Yield Rate	3.02%

Details:

Project Name	Project Number	Budget	Actuals	Encumbrance	Available Balance
43rd Street Outfall Regional Drainage Improvements	1000151	$5,241,152	$4,980,644	$0	$260,508
Upper Peninsula Flooding Relief, Phase II - Vasconia C	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

Project Name	Project Number	Budget	Actuals	Encumbrance	Available Balance
Box Culvert Rehabilitation	1000581	950,822	848,301	0	102,521
Howard Avenue Flooding Relief Swann to Morrison	1000749	776,903	404,049	0	372,854
Lower Peninsula Watershed Plan - Southeast Region	1000750	2,017,506	1,878,566	0	138,940
Ditch Rehabilitation	1000751	130,259	107,849	0	22,410
Southeast Seminole Heights Flood Relief[3]	1000773	11,503,253	4,242,655	13,210,000	(5,949,402)
Upper Peninsula Watershed Drainage Imprv - Dale M	1001017	16,887,267	16,438,949	47,716	400,603
Cypress Street Outfall Regional Stormwater Improver	1001018	16,719,297	14,472,720	2,245,970	606
Annual CIPP Rehabilitation	1001151	496,970	0	0	496,970
Hamilton Creek Water Quality Improvements	1001169	500,041	122,324	27,582	350,135
Lamb Canal Rehabilitation	1001171	1,500,058	197,303	42,225	1,260,530
North Tampa Closed Basins FY2018 - FY2022	1001173	4,463,061	4,014,229	195,049	253,783
Failed Pipe CIPP FY2018 - FY2022	1001175	2,343,405	1,806,055	536,866	485
In House Flooding Relief and Failed Pipe Replacemen	1001176	815,711	741,019	64,634	10,059
Consultants and Land Acquisition FY2018 - FY2022	1001218	747,306	696,973	10,761	39,573
ST Annual Contract - Copeland Park Flooding Relief	1001370	685,000	1,093	589,923	93,984
Anita Subdivision Flooding Phase II	1001371	1,410,058	291,971	965,141	152,946
In House Flooding Relief - 45th Street North of Hillsbc	1001406	229,649	229,649	0	0
In House Flooding Relief - Rambla Street	1001428	36,247	36,247	0	0
West Saint Isabel from Gomez to Habana Flooding Re	1001437	124,116	19,236	104,880	0
Virginia Avenue Pumping Station Drainage Improvem	1001597	207,536	62,927	9,227	135,381
Delaware, Oregon, and Dakota Groundwater Diversic	1001948	1,300,000	0	0	1,300,000
El Portal and Newport Avenue Pumping Station	1001951	330,915	309,153	18,607	3,155
Salaries for CIP	0000000	459,940	690,462	0	(230,522)
Cost Allocation	0900007	217,617	179,932	0	37,685
Other[4]		0	(760,099)	0	760,099
Projects Total[2]		**$74,572,166**	**$56,460,230**	**$18,068,580**	**$43,356**
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 - Not Appropriated		(1,170,849)	0	0	(1,170,849)
Grand Total		**$100,313,334**	**$83,372,248**	**$18,068,580**	**($1,127,494)**

[1] "Percentage Spent" is calculated based on cash on hand and not the "Available Cash". Cash on hand ($17,691,517) is equal to the "Available Cash" ($16,941,087) plus the future payment of retainage payables ($750,430). Percentage Spent= 100% - (Cash on Hand / Total Sources).

[2] Includes $3,716,577 of anticipated interest earnings, from which $1,170,849 is unearned interest, net of unused issuance costs.

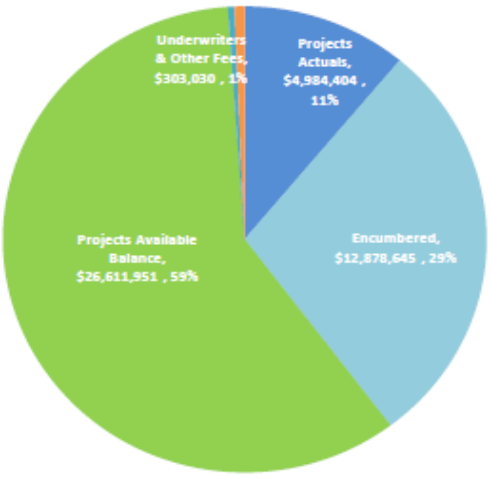
[3] Project negative balance is due to the timing of new requisitions posting to the system while related old requisitions are being cancelled, resulting in encumbrances being overstated by $5,949,402. Project available balance of $0 will be refleted within next month debt report. Actuals don't reflect the transfer of of pver $760K to the

[4] Primarily due to expenses for the Southeast Seminole Heights Flood Relief project moved to the SWFWMD but not yet reflected within the PPM system.

City of Tampa
Budget Office
Stormwater Assessment Revenue Bonds, Series 2021 (Fund 31801)
May 31, 2022

Cash Analysis:

Sources	
Bond Proceeds	$36,615,000
Premium, net of Discount	8,173,542
Interest Earnings	180,308
Total Sources	$44,968,850
Uses	
Underwriters & Other Fees	($303,030)
Projects Actuals	(4,984,404)
Total Amount Expended	($5,287,434)
Available Cash	$39,681,417



Available Funding for Projects:

Available Cash	$39,681,417
Encumbered	(12,878,645)
Projects Available Balance	(26,611,951)
Available for Projects - Not Appropriated	$190,821

Spend-Down Schedule:

6 Months (4/7/2022)	10%	$4,496,885
12 Months (10/7/2022)	45%	$20,235,983
18 Months (4/7/2023)	75%	$33,726,638
24 Months (10/7/2023)	100%	$44,968,850

Percentage Spent - May 2022(1)	12%
Bond Issuance Date	10/7/2021
Interest Earning Rate	0.90%
Bond Yield Rate	1.56%

Details:

Project Name	Project Number	Budget	Actuals	Encumbrance	Available Balance
Lower Peninsula Watershed Plan - Southeast	1000750	$14,495,266	$910,193	$86,831	$13,498,242
Southeast Seminole Heights Flood Relief [2]	1000773	6,500,000	0	11,343,518	-4,843,518
Lamb Canal Rehabilitation	1001171	3,000,000	0	0	3,000,000
North Tampa Closed Basins FY2018 - FY2022	1001173	1,000,000	350	0	999,650
Consultants and Land Acquisition FY18 - FY22	1001218	575,000	0	0	575,000
Manhattan: Vasconia Street to Obispo Street	1001585	1,000,000	0	0	1,000,000
Comprehensive Infrastructure for Tampa's Neighb	1001913	17,000,000	3,395,311	1,448,295	12,156,394
Cost Allocation	0900007	904,734	678,551		226,184
Projects Total		$44,475,000	$4,984,404	$12,878,645	$26,611,951
Underwriters & Other Fees		303,030	303,030		0
Available for Projects - Not Appropriated		190,821	0	0	190,821
Grand Total		$44,968,850	$5,287,434	$12,878,645	$26,802,772

[1] "Percentage Spent" is calculated based on cash on hand and not the "Available Cash". Cash on hand ($39,681,417) is equal to the "Available Cash" ($39,681,417) plus the future payment of retainage payables ($0). Percentage Spent= 100% - (Cash on Hand / Total Sources).

[2] Project negative balance is due to the timing of new requisitions posting to the system while related old requisitions are being cancelled, resulting in encumbrances being overstated by $5,671,759. Project available balance of $828,241 will be refleted within next month debt report.

Section C
Stormwater Service Assessment Program Report

Tampa City Council Update No. 23

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	3rd Quarter FY22 & Year to Date Service Levels
Ditches	10-Year Cycle	7-Year Cycle	7.9-Year Cycle (3rd Qtr.) 8.1-Year Cycle (Y.T.D)
Ponds	Minimal	3-Year Cycle	3-Year Cycle (3rd Qtr.) 3-Year Cycle (Y.T.D)
Pipes	10-Year Cycle	7-Year Cycle	8.7-Year Cycle (3rd Qtr.) 8.5-Year Cycle (Y.T.D)
Outfalls	15-Year Cycle	5-Year Cycle	N/A-Year Cycle (3rd Qtr.) 13.5-Year Cycle (Y.T.D)
Pumps	Low Preventative Maintenance	Annual Preventative Maintenance	1-Year Cycle
Street Sweeping	90-Day Cycle	60-Day Cycle	60-Day Cycle (3rd Qtr.) 54-Day Cycle (Y.T.D)

Operations and Maintenance Activities	3rd Quarter Maintenance Statistics
Ditches	
Ponds	
Pipes	
Outfalls	
Pumps	Preventative Maintenance provided to all thirteen (13) stormwater pump stations. Proactive maintenance and inspections totaled 257.5 Manhours.
Street Sweeping	5,911 curb miles were swept, approximately 874.5 tons of debris removed.

4112 E 11th Ave Ditch Restoration

Before

After

4112 E 11th Ave Ditch Restoration (cont'd)

Before

After

N. Eddy Dr. Ditch Restoration

Before

After