

## INFRASTRUCTURE TASK FORCE ADVISORY COMMITTEE

**Monday, June 06, 2022, 2:00pm to 5:00pm**

City Hall – 8<sup>th</sup> Floor Conference Room  
100 N. Andrews Ave, Fort Lauderdale, FL 33301

**NOTE:** Attendance in person is required to speak on an item.  
To view the meeting, click [FLTV](#) or [YouTube](#).

### AGENDA Amended

#### **COMMITTEE MEMBERS:**

Marilyn Mammano  
*Chair*

Peter Partington  
*Vice Chair*

Ralph Zeltman

Roosevelt Walters

Jacquelyn Scott

Gerald Angeli

Michael Marshall

Shane Grabski

Charlie Ladd

James LaBrie

1. CALL TO ORDER:
  - i. Roll Call
  - ii. Approval of Agenda
  - iii. Approval of Previous Meeting Minutes – April 4, 2022
  - iv. Approval of Previous Meeting Minutes – May 2, 2022
  - v. Election of Chair
  - vi. Election of Vice Chair
2. OLD BUSINESS
  - i. Public Works Projects - Funding Request Priorities
3. NEW BUSINESS
  - i. Catch Basin Cleaning Schedule Presentation
  - ii. City's Sidewalk Budget including Repairs to Damaged Sidewalks and Connectivity
  - iii. Percentage of Unaccounted Water from Fiveash Water Treatment Plant
  - iv. Map and Figure of Pump Stations with Lower Run Times Near Lined Basins
4. PUBLIC WORKS UPDATE
  - i. May Water and Wastewater Break Report
  - ii. Financial Report
5. GENERAL DISCUSSION AND COMMENTS
  - i. Committee Members
  - ii. Public Comments
6. ADJOURNMENT

**NEXT SCHEDULED MEETING DATE: July - Canceled**

**Purpose:** The purpose of the Infrastructure Task Force Advisory Committee is to review existing City infrastructure including, but not limited to: roads, sidewalks, airports, seawalls, water and wastewater distribution and collection systems, treatment plants, well fields, parks and all City facilities and structures and examine their current condition, review and identify the repair or replacement as well as funding sources and financing alternatives for those infrastructure, to receive input from members of the public interested in infrastructure, and to provide a report with recommendations to the City Commission as spelled out in Resolution 17-46.

**NOTE:** Two or more City Commissioners and/or Advisory Board may be present at this meeting. If any person decides to appeal any decision made with respect to any matter considered at this public meeting or hearing, he/she will need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. If you desire auxiliary services to assist in viewing or hearing the meetings, or reading meeting agendas and minutes, please contact the City Clerk's Office at 954-828-5002 at least two days prior to the meeting and arrangements will be made to provide those services for you.



**DRAFT**  
**MEETING MINUTES**  
**CITY OF FORT LAUDERDALE**  
**INFRASTRUCTURE TASK FORCE ADVISORY COMMITTEE**  
**MONDAY, APRIL 4, 2022 – 2:00 P.M. TO 5:00 P.M.**

CITY OF FORT LAUDERDALE

**January-December 2022**

**Attendance**

Marilyn Mammano, Chair	P	4	0
Gerald Angeli	A	3	1
Shane Grabski	P	3	1
James LaBrie	P	4	0
Charlie Ladd	A	1	3
Michael Marshall	P	2	2
Peter Partington	A	3	1
Jacquelyn Scott (dep 3:00)	P	4	0
Roosevelt Walters	A	2	2
Ralph Zeltman	P	4	0

As of this date, there are 10 appointed members to the Committee, which means 6 would constitute a quorum.

**Staff**

Tracy Van Cott, Senior Administrative Assistant / Staff Liaison  
Chris Bennett, Assistant Director of Public Works  
Jill Prizlee, Chief Engineer  
D'Wayne Spence, Assistant City Attorney  
Sylejman Ujkani, Program Manager  
Karen Warfel, Transportation Planning Manager  
Jamie Opperlee, Recording Secretary, Prototype, Inc.

**Communication to the City Commission**

None.

**1. Call to Order**

**i. Roll Call**

The meeting was called to order at 2:02 p.m. Roll was called and it was noted a quorum was present.

**ii. Approval of Agenda**

**Motion** made by Ms. Scott, seconded by Mr. Zeltman, to approve the Agenda. In a voice vote, the **motion** passed unanimously.

**iii. Approval of Previous Meeting Minutes – March 7, 2022**

**Motion** made by Mr. LaBrie, seconded by Mr. Zeltman, to approve the minutes. In a voice vote, the **motion** passed unanimously.

**2. General Discussion and Comments by Committee Members**

Ms. Scott suggested that in the future this Item be moved closer to the end of each meeting's Agenda, as there have been times when general discussion has taken a number of tangents.

**Motion** made by Ms. Scott, seconded by Mr. LaBrie, to change our Agenda and process and put General Discussion and Comments by Committee members at the end of the Agenda. In a voice vote, the **motion** passed unanimously.

**3. Public Comments (at Each Item)**

**4. Old Business**

**i. Sunshine Laws and Committee Communication – City Attorney's Office**

Assistant City Attorney D'Wayne Spence gave a PowerPoint presentation on Florida's Sunshine Law, explaining that the State Constitution provides that all meetings of any public body of the state, County, municipality, School Board, or special district, at which official actions are being taken and public business is transacted or discussed, shall be open and noticed to the public. This Law provides the general public with the right to be a part of the decision-making process by their presence. The Sunshine Law's language is incorporated into State Statutes.

The three basic requirements of the Sunshine Law are as follows:

- Meetings of the public or City Commission must be open to the public
- Reasonable notice of such meetings must be provided
- Minutes of the meeting must be taken and promptly recorded

Sunshine Law requirements apply to advisory board and committee members who are delegated decision-making authority and/or advisory bodies appointed by a single public official. They do not apply to strictly information-gathering or fact-finding meetings, or to Staff meetings regarding decision-making responsibilities.

Attorney Spence continued that the Florida Supreme Court has determined that a committee serves as an alter ego of a town or city council or other elected body in making tentative decisions. For this reason, they are subject to the provisions of the Sunshine Law. Even though the Committee makes recommendations in an advisory

capacity, these recommendations are considered a part of the total decision-making process as a tentative decision, which makes them subject to the Sunshine Law.

Any gathering, either formal or casual, between two or more members of the same board or committee to discuss a matter on which foreseeable action could be taken by that advisory body is prohibited. Attorney Spence explained that “foreseeable” in this case refers to an issue upon which the entity may possibly take action.

Chair Mammano requested clarification of how it is determined that an item might come before the advisory body for action. Attorney Spence replied that this refers to anything that foreseeably falls within the purposes and duties outlined in the advisory body’s enabling legislation.

Attorney Spence further clarified that the prohibition of discussing an item does not apply only to advisory body meetings, but also to conversations between two (or more) members on an item that could foreseeably come before that body. This discussion is considered to be a meeting, which constitutes a violation of the Sunshine Law.

Mr. LaBrie asked if this restriction would still apply if the advisory body has already made its recommendation on a particular item and has concluded discussion of it. Attorney Spence stated that there is a risk that this item may come back to the advisory body for further discussion: if the item is within the scope of the advisory entity’s responsibilities, members should refrain from having any discussion of it outside noticed meetings. If more than one City Commissioner is in attendance at a given advisory body meeting, no discussion or debate may take place among those Commissioners on the issues raised at that meeting, per an opinion rendered by Florida’s Attorney General.

Chair Mammano recalled that the Mayor has attended Infrastructure Task Force Advisory Committee (ITFAC) meetings in the past to discuss infrastructure issues with the Committee. She asked if this meant the Mayor was in violation of the Sunshine Law. Attorney Spence explained that this is not the case, as only the Mayor was present from the City Commission. He read from the Florida Attorney General’s opinion on this issue, pointing out that if members of the City Commission in attendance at such meetings do not engage in discussion or debate among themselves on the issues raised, there is no violation.

Mr. LaBrie asked if one member of an advisory body may comment on an item at a Commission meeting. Attorney Spence confirmed this; however, he clarified that the second member of that same advisory body who comments on the same item would create a violation of the Sunshine Law, as it can be perceived as two or more members having a meeting “outside the sunshine.” Mr. LaBrie pointed out that in this case, the Commission meeting at which the members wish to speak has been publicly noticed and is being recorded. Attorney Spence explained that the meeting in question was not a noticed meeting of the ITFAC, and the general public was not provided notice that two or more ITFAC members were in the room together and commenting upon an issue.

Mr. Zeltman asked if this prohibition would also exist if both individual members identify themselves as members of the ITFAC but clarify that they are not present at the City Commission meeting in their capacity as ITFAC members. He pointed out that a member or members may be present to speak on behalf of a neighborhood association. Attorney Spence advised that there are many items on a City Commission Agenda on which ITFAC members may comment without identifying themselves as members of that Committee. A Sunshine Law violation occurs when more than one member addresses an item that involves the purpose and duties of the board.

Mr. LaBrie asserted that if the ITFAC has made a recommendation on an item and passed that recommendation on to the City Commission, the Committee will no longer discuss that issue and it will not come back before them. Attorney Spence reiterated that he was advising the members of the penalties that come with violation of the Sunshine Law: one member of the ITFAC, for example, may address an item at a City Commission meeting and there is no violation. The violation occurs if a second member addresses the same item.

Chair Mammano asked if all City Attorneys of all South Florida municipalities interpret the Sunshine Law in the same manner. Attorney Spence explained that all City Attorneys rely on the Florida Attorney General's opinions regarding the Sunshine Law.

Mr. Zeltman asked if he would be unable to address an issue as a member of a neighborhood association because he is a member of the ITFAC. Attorney Spence stated that he may still communicate with his City Commissioner outside of a public meeting, but may not address a specific issue if another member of the ITFAC has already addressed it at a City Commission meeting.

Chair Mammano noted that at community or civic meetings, she is sometimes asked to speak on items that have gone before the ITFAC. Attorney Spence confirmed that this is not an issue if she is the only ITFAC member speaking on that item. If a second ITFAC member attends that meeting, they may listen but may not address the same item.

Attorney Spence continued that the Sunshine Law equally binds all members of a governing body, whether that entity is an advisory committee or board, a member of that committee or board, or an elected official. All parties are held to the same standard.

The consequences of Sunshine Law violation include a criminal penalty for a knowing violation, which is a second-degree misdemeanor punishable by six days' imprisonment and/or fines up to \$500. Removal from elected office is also a possibility. Non-criminal violations are punishable by fines not to exceed \$500, attorneys' fees assessed against the advisory body members, and civil actions. The validity of an action taken in violation of the Sunshine Law can be revoked.

Mr. LaBrie asked for clarification of an instance in which a committee member has been asked to attend a City Commission meeting and speak on behalf of that advisory body. Attorney Spence advised that in this case, that member becomes “a committee of one,” and the advisory body’s Staff Liaison is asked to make sure this member’s representation as such is noted on the item. He reiterated that another member of the advisory body would not be permitted to speak on the same item at the same meeting.

Attorney Spence advised that Resolution 20-30, which governs the Committee, specifies the ITFAC’s responsibilities. These include review of existing City infrastructure, including but not limited to roads, sidewalks, airports, seawalls, water and wastewater distribution and collection systems, treatment plants, wellfields, and parks, and examine their current conditions

It was asked if the Committee’s responsibilities as listed in the Resolution are limited to fact-finding only. Attorney Spence replied that this depends upon how an item is approached: if the ITFAC is eliminating any options for the Commission, for example, this is considered to go beyond fact-finding or information-gathering. The Committee may also compile information and pass it on to the Commission in a fact-finding capacity.

Mr. Zeltman commented that prior to his membership on the ITFAC, he had performed inspections of City-owned properties, such as the Fort Lauderdale Police Department and the Fiveash Water Treatment Plant. Since he has become a member of this Committee, however, the City has advised him against making further visual observations at these types of facilities. He expressed concern with this advice, pointing out that these observations are within his area of expertise as an engineer. Attorney Spence stated that he did not have sufficient information on the specific circumstances of this concern to provide an opinion at this time.

Chair Mammano observed that there is some interaction between the Committee’s purview as a fact-finding entity and its responsibility to review and identify items. She pointed out that this refers to the need to review and identify information for another party. Attorney Spence explained that the determining factor of Sunshine Law application is whether or not the Committee is in discussion or deliberation related to the decision-making process.

Chair Mammano offered the example of discussion among members outside a formal meeting of a national trend as represented in news articles, requesting clarification of what would apply if the Committee is later asked to make a formal recommendation related to this trend. Attorney Spence advised that if the discussion outside the meeting included sharing opinions on opposition to or recommendation of a particular trend, this could present a problem, as this discussion would need to be held before the public with appropriate notice and other Sunshine Law requirements.

It was asked whether two members of the Committee, each representing their own civic or neighborhood association, could participate in a discussion at a separate meeting, such as the Council of Fort Lauderdale Civic Associations, if that discussion involved infrastructure issues within the Committee's purview. Attorney Spence reiterated that both members could be present at that meeting, but only one of them would be permitted to comment on that issue. It was further clarified that individual neighborhood or other associations, including the Council of Fort Lauderdale Civic Associations, are not subject to the Sunshine Law.

Chair Mammano also asked if she would be required to recuse herself from voting upon an item before the ITFAC if she had participated in discussion of that item at a civic or neighborhood advisory body that is not subject to the Sunshine Law. Attorney Spence replied that this would not be necessary, and added that a member may not legally recuse themselves from voting upon an item unless there is a legal conflict of interest as defined under Chapter 112 of Florida Statutes.

Attorney Spence concluded that if a Committee member has a question regarding a more specific circumstance and the Sunshine Law, they may reach out to him for an opinion.

**ii. Update on the smart meter project (AMI)**

Program Manager Sylejman Ujkani showed a PowerPoint presentation on the City's Advanced Metering Infrastructure (AMI), or "smart meter," project.

At present, manual reading of all water meters is required. The City has contracted with a vendor for this purpose at a cost of approximately \$500,000 per year. There are also inconsistencies in water billing and usage for which the cause is not easily identified. AMI technology reads the usage of water from a location and communicates it back to the Department, calculates this information, and creates the bill. This information updates every 15 minutes, which makes it easier to identify leaks and inform customers about them.

In the past, smart metering relied heavily on investment in cell towers; at present, however, the system piggybacks on existing cell towers, which is simpler and less expensive. There is no restriction on the depth that can be read by AMI technology, which works in real time in a similar manner to how Florida Power and Light (FPL) meters read electrical use.

Assistant Director of Public Works Chris Bennett advised that AMI technology reads electronic meters using a cellular system that reports to a home base. Another option is for meter readers to collect information while driving through a neighborhood, which serves as a backup method in case there are any dead spots in the cell network or other reporting issues. This prevents meter readers from having to visit every meter each month. It also allows them to identify any problems in reporting data.

Mr. Ujkani continued that operational savings to the City will begin with the \$500,000 saved from the previous contracted meter reading program. There will also be increased accuracy of water usage and real-time alerts for leaks.

Concerns include the cost of implementation, which is currently estimated at \$30 million. This amount has been approved in fiscal year (FY) 2022 and the City will issue debt to cover this cost. Another challenge can be the increase in water bills, as the new system will read usage more accurately. While billing will be available online, customers will still have the option to receive a paper bill in the mail. The City is planning an educational campaign to explain AMI to customers.

Ms. Scott left the meeting at 3:00 p.m.

Mr. Ujkani reviewed a timeline for the project, noting that at present, the City is soliciting a consultant to help them develop the criteria for a request for proposal (RFP). Once this is complete, they will solicit vendors to install and operate this technology. This is estimated to complete the RFP development in November 2022, after which it will be advertised in December. The implementation period is estimated to take 24 months. The anticipated completion date for the project is July 2025.

Mr. Zeltman expressed concern with water that may be unaccounted for when the City flushes its fire hydrants, and suggested attachment of a meter to these lines in order to help account for this wasted water.

Mr. Grabski asked if smart meters can be shut down remotely if necessary. Mr. Ujkani confirmed this, stating that the RFP will specify the criteria the City will need to operate this system.

Chair Mammano asked if evaluation of the City's water rates include the additional amount that would be received as a result of smart metering. This could offset some of the other costs. Mr. Ujkani replied that a performance-based study has been conducted on these rates, which estimated how much savings the City could realize over the long term. Mr. Bennett noted, however, that this amount may not factor significantly into a rate study.

## **5. New Business**

### **i. Penny Surtax Annual Report**

Transportation Planning Manager Karen Warfel showed a PowerPoint presentation on the City's Mobility Advancement Program (MAP). She briefly recalled the history of the Broward County penny surtax program, which was passed on referendum. Since that time, an amendment has passed at the state level which further narrows the interpretation of how surtax dollars may be used.

The two main types of projects on which surtax dollars may be spent are traffic calming and roadway widening. The County will no longer fund multimodal development for its own sake. This means some projects, such as sidewalk improvements planned by the City, are no longer eligible for surtax funding use, although sidewalk projects that are part of larger roadway or traffic calming projects may proceed.

As a result of the amendment, the City has reviewed and reworded a number of its projects and plan to submit them again for surtax funding. Ms. Warfel noted, however, that there is not a great deal of surtax funding available: roughly \$30 million is raised each year and shared by all Broward County municipalities.

Chair Mammano commented that the surtax program funds community buses. Ms. Warfel confirmed this, stating that surtax funding pays 100% of community bus service costs, including new vehicles. The costs of these programs come from the 10% of surtax funding the County provides to its municipalities each year. Most projects funded by the County surtax are on County roads and will be limited to traffic calming or roadway widening in the future due to the restrictions of state law.

Chair Mammano expressed concern that surtax funding cannot be used toward repair or maintenance of the City's bridges in the future. Chief Engineer Jill Prizlee advised that the City has eligible bridges they would like to be considered for funding and will submit applications seeking these monies in the future.

Ms. Warfel continued that the County surtax funding is administered using a five-year plan. This application process for the current five-year cycle will end later this month. Significant federal funding is also expected to be available in the future.

Chair Mammano recalled that this was also discussed at a previous meeting, including the fact that state guidelines for the use of these federal dollars have not yet been determined. Ms. Warfel noted that a range of allocations will be available, some of which will come through the Broward Metropolitan Planning Organization (MPO). These will include new programs for which funding guidelines have not yet been established.

Mr. Marshall asked if the Broward County Attorney has issued an opinion on the State Statute restricting the use of surtax funds to traffic calming or roadway widening projects. Ms. Warfel replied that this is a written opinion by the County Attorney. Mr. Marshall recalled that the County oversight board dedicated to the surtax had initially identified four priorities, one of which was an increase in multimodal capacity. Ms. Warfel advised that this has been a challenging process for City Staff, as the rules of the program have changed many times.

Chair Mammano asked if other Florida counties have issued different interpretations of the State Statute. Ms. Warfel explained that other counties with preexisting surtaxes may have spent money on other types of projects: however, state law has not changed.

Chair Mammano characterized this as an interpretation by the Broward County Attorney, while other counties' attorneys may have taken different positions on the state legislation. She felt the Committee may have a role to play in this process by suggesting to the City Commission that they urge the County to take a stronger position in favor of multimodal improvements.

Mr. Marshall pointed out that it is not possible to widen roads in many areas of Fort Lauderdale. Ms. Warfel confirmed this, stating that this meant the City will instead focus on traffic calming, possibly including larger projects which include traffic calming elements. She added that there is a significant need to have sidewalk gaps filled in the City, many of which are the result of requests from the community; however, this need cannot be met as part of traffic calming measures.

Mr. Marshall requested clarification of what constitutes traffic calming. Ms. Warfel replied that the intent of traffic calming is to slow vehicles to a more appropriate speed in order to lessen the number of crashes. Sidewalks or tabletop crosswalks may be included in some traffic calming projects as an ancillary improvement, although they themselves do not constitute traffic calming measures.

Chair Mammano commented that this would mean any sidewalk improvements would fall within the Capital Improvement Plan (CIP), and asked if they should be moved to a higher priority on the unfunded priorities list. Ms. Prizlee recalled that a number of sidewalk gaps were discussed in last month's presentation on the City's top 10 unfunded priority projects. At present, the City only repairs damaged sidewalks or makes Americans with Disabilities Act (ADA) -related improvements: they do not build new sidewalks.

Chair Mammano suggested that the Committee may wish to take a position on the inclusion of funding for new sidewalks in the CIP as part of the City's upcoming budget. It was noted that the City pays approximately \$300,000 to \$500,000 each year in claims related to sidewalks. Chair Mammano proposed including an item on the next Agenda to further discuss the top 10 unfunded priority list, including recommendations the Committee may make to the City Commission on the FY 2023 budget.

Chair Mammano advised that there is an item on the City Commission's April 5, 2022 Agenda which addresses the appointment of special counsel to represent the City in connection with the unsolicited proposal and project submitted by IDE Technology for design and construction of a new water treatment plant. The firm will work with the City to put together the comprehensive agreement with IDE Technology. Consultant Hazen and Sawyer will assist with the technical aspects of this agreement. She asked if the Committee wished to provide the Commission with any input or support related to the agreement. It was determined that the Committee would not address this issue further at this time.

## **6. Public Works Update**

**i. Water & Sewer Breaks Report 2021 w/Mapping**

The Committee reviewed the list of sewer breaks provided in their backup materials. Mr. Bennett advised that the list provides detail of leaks, breaks, and other issues addressed in previous months, along with the locations and estimated amounts lost. The sewer issues reported in February and part of March 2022 were relatively minor, including gravity pipe blockage and stoppage of flow due to a break.

Chair Mammano requested that a list of water system breaks from 2021 be placed on the Committee's next Agenda.

Mr. Zeltman stated that he would like to see information on the percentage of water use that is unaccounted for from breaks, flushing of hydrants, or other incidents. He noted that this amount has an impact on utility customers.

Mr. Bennett advised that there are a number of issues to be considered, including the water use unaccounted for due to planned flushing as well as the unaccounted-for use due to breakages or other issues. Inflow and infiltration (I&I) coming into the sewer system is another consideration. Costs include the amount of water treated as well as the electricity used in treating water at plants. This cost is borne by taxes and income brought into the City through utility rates: if more breakages and flushing occur, this cost will be higher. This is one reason the City is working to comply with Consent Orders as well as to continuously improve the efficiency of its plants.

Mr. Zeltman observed that water costs are expected to double within five fiscal years. This will have a significant impact on sewer costs, which are based on domestic water consumption as well as the return of some water to the sewers, where it is then moved to the appropriate facility for treatment. He concluded that identifying the costs resulting from this consumption could serve as an added incentive to conserve water. Chair Mammano requested an update on how much water was lost from breaks in 2021.

**ii. CIP Financial Report**

**1. Unfunded Balance Report**

**7. Adjournment**

There being no further business to come before the Committee at this time, the meeting was adjourned at 3:56 p.m.

Any written public comments made 48 hours prior to the meeting regarding items discussed during the proceedings have been attached hereto.



**DRAFT**  
**MEETING MINUTES**  
**CITY OF FORT LAUDERDALE**  
**INFRASTRUCTURE TASK FORCE ADVISORY COMMITTEE**  
**MONDAY, MAY 2, 2022 – 2:00 P.M. TO 5:00 P.M.**

CITY OF FORT LAUDERDALE

**January-December 2022**

**Attendance**

Marilyn Mammano, Chair	P	5	0
Gerald Angeli	P	4	1
Shane Grabski	A	3	1
James LaBrie	P	5	0
Charlie Ladd	P	2	3
Michael Marshall	P	3	2
Peter Partington	A	3	2
Jacquelyn Scott	P	5	0
Roosevelt Walters	A	2	3
Ralph Zeltman	P	5	0

As of this date, there are 10 appointed members to the Committee, which means 6 would constitute a quorum.

**Staff**

- Marie Cine, Senior Administrative Assistant / Staff Liaison
- Pauline Ricketts, Senior Administrative Assistant
- Alan Dodd, Director of Public Works
- Chris Bennett, Assistant Director of Public Works
- Omar Castellon, Assistant Director of Public Works (Engineering)
- Jill Prizlee, Chief Engineer
- Sylejman Ujkani, Program Manager
- Fred Harris, Cityworks Administrator
- Jamie Opperlee, Recording Secretary, Prototype, Inc.

**Communication to the City Commission**

None.

**1. Call to Order**

**i. Roll Call**

Chair Mammano called the meeting to order at 2:05 p.m. Roll was called and it was noted a quorum was present.

**ii. Approval of Agenda**

Chair Mammano requested that a discussion of the Committee's summer schedule be added to the Agenda.

**Motion** made by Mr. Angeli, seconded by Mr. Zeltman, to approve [as amended]. In a voice vote, the **motion** passed unanimously.

**iii. Approval of Previous Meeting Minutes – April 4, 2022**

Chair Mammano noted that the April 4, 2022 minutes were not distributed to the Committee members until very recently, and recommended that their approval be deferred to the next meeting.

**Motion** made by Ms. Scott, seconded by Mr. LaBrie, to delay. In a voice vote, the **motion** passed unanimously.

**2. Old Business**

**i. Top Ten Capital Projects and FY 23 CIP Priorities**

Public Works Director Alan Dodd stated that at this point in the budget process, his Department has not yet presented its proposed budget to the City Manager. They hope to maintain what is underway on the operational side, with increases in program management and other changes necessary to support the Consent Order. Other concerns include an increase in cybersecurity threats, for which technology will need to be current to protect against this possibility. The Department has also requested an Information Technology (IT) Senior Systems Engineer, who will review the Public Works Department's IT and data systems from a cybersecurity perspective.

Mr. Dodd continued that the City has a significant amount of equipment, including pump stations, water meters, the water treatment plant, and other technology, which communicates electronically with Public Works. This is one key reason they are concerned with increasing the level of protection against cyber threats. An individual hacking into the City's system could affect the operations of different pieces of equipment and the City's ability to monitor them accurately. The IT position requested by Public Works would be a full-time employee.

Mr. Dodd continued that phishing attempts and attacks on government networks have increased in recent years, and small governments are particularly vulnerable, as they often lack the IT infrastructure of larger cities. Assistant Public Works Director Omar Castellon advised that other South Florida municipalities are also taking similar steps to protect their IT systems.

Mr. Dodd continued that there are currently more than 600 projects in the City's system which are partially funded, fully funded, or on a list to be funded. The Department identifies the projects that will be their responsibility within the Capital Improvement Plan

(CIP) program and will be prioritized. He noted that one such projects to be funded through the General Fund is the SE 13<sup>th</sup> Street Bridge, which is an older and functionally obsolete bridge that crosses the Cerro Gordo River. It provides a single point of access to residents in the area where it is located.

Ms. Scott asked how the 13<sup>th</sup> Street Bridge was identified as functionally obsolete. Mr. Dodd explained that the Florida Department of Transportation (FDOT) inspects bridges annually and provides the City with reports on their condition, including whether or not repairs are required. There are several bridges within the City that have been identified as functionally obsolete. He also clarified that this project has not yet been funded in any previous CIPs, but funding has been requested in fiscal year (FY) 2023.

Chair Mammano asked if the 13<sup>th</sup> Street Bridge would have been funded using Broward County surtax dollars if bridges were still eligible for that funding source. Mr. Dodd advised that the City is seeking surtax funding for this bridge, as well as other funding opportunities through the state. If funding is received from another source, it will free up the dollars requested from the City for this project, which can then be used on another project.

Mr. Dodd continued that another project for which funding is being sought includes a number of streets with insufficient lighting in high-traffic areas. The Streetlight Master Plan has identified just below \$5 million in projects to upgrade the existing lighting and add new lighting on these streets as a public safety concern. Because the City's Parks and Recreation Department is responsible for the maintenance of street lighting and vegetation in rights-of-way, this project is being pursued in conjunction with that Department. Corridors on which these improvements are sought include a small segment of Las Olas Boulevard, NE 4<sup>th</sup> Avenue, the Riverland Road area, and the Flagler Village and Himmarshee areas. A high number of nighttime crashes have occurred in these areas.

Chair Mammano asked if this would be a joint request between Public Works and the Parks and Recreation Departments. Mr. Dodd replied that the funding for this project would come from the General Fund. Public Works is supporting the project and will work with Parks and Recreation on project management once its construction phase has begun.

Mr. Dodd moved on to the stormwater program, noting that this list does not include large neighborhood CIP projects that are already underway. Instead it addresses smaller flooding problems. Public Works receives \$1.2 million per year for these projects and has a three-year backlog of areas where repairs are necessary. They hope to increase the annual funding for these projects to \$1.5 million. These pinpoint repairs may include infiltration trenches, catch basins, expanding the size of pipes, or other minor upgrades.

The Committee members briefly discussed a number of areas where flooding is an issue, including 4<sup>th</sup> Street and Federal Highway. Mr. Dodd emphasized the importance of jurisdiction in dealing with these issues, pointing out that FDOT must address issues on state roadways and Broward County must take care of issues on County roadways. In some cases, there may be connections between jurisdictions, or overlapping systems in an area where multiple roadways cross one another. In addition, flooding near the beach may be influenced by sea level rise.

Mr. LaBrie asked if the smaller stormwater projects include efforts such as repairing one-way tidal valves. Mr. Dodd replied that there is a CIP project with dedicated funding that specifically addresses this effort. Chair Mammano asked if there is a way neighborhoods with valve issues may be added to this list. Mr. Dodd stated that those neighborhoods would need to be added to the City's Qalert system. Public Works would then investigate the issue and deal with it if possible, taking steps such as cleaning out the system or adjusting catch basins. Once a project has reached the cost range of \$50,000 to \$100,000, however, a contractor would need to become involved. If the cost is estimated at over \$100,000, the project will be submitted to the CIP.

Ms. Scott requested additional information about the Qalert system. Mr. Dodd explained that residents experiencing problems may call the City's customer support center at (954) 828-8000. Complaints may also be made through the LauderServe app. The Qalert system creates a record of customer complaints which will be addressed through repairs.

Mr. Dodd reiterated that the annual funding for these smaller projects is \$1.2 million, while up to \$5 million or \$6 million in work has already been identified. Manpower is not an issue. He pointed out that the only way the Stormwater Fund can be increased is either through billing or decreasing funding to another area. Money from the Water and Sewer Fund cannot be used to make up for shortages in the Stormwater Fund, as these enterprise funds must be managed separately. He also noted that projects affecting public safety are prioritized.

Mr. Dodd continued that a force main included on the list for replacement is a high-risk piece of infrastructure. It was funded with \$3 million for the design portion alone, with an anticipated project total of \$16 million. This force main was identified by consultant Hazen and Sawyer as a high-risk piece of infrastructure.

Other prioritized projects include small water main improvements, particularly on roads where water pressure is low due to older water pipes. Mr. Dodd also noted an inflow and infiltration (I&I) project in the Tarpon River area, where pump run times are very high due to I&I. These pipes will need to be lined and rehabilitated. Another project area is the Coral Ridge Country Club Estates, which will be funded over the next three years and beyond due to its size and complexity.

Another pump station project is the Triplex pump station rehab, which is comprised of nine different pump stations that need to be rehabilitated and upgraded. The construction portion of this project is expected to cost \$12 million. Mr. Dodd concluded that the last project on this list involves a 54 in. effluent force main, which is a single point of failure associated with the Consent Order. It connects the George T. Lohmeyer Regional Wastewater Treatment Plant with the injection wells to which effluent is discharged. This is a single pipe that must be replaced. A second pipe will be placed next to this pipe as a redundancy, after which the existing pipe may be rehabilitated so two pipes connect the wellfield to the Lohmeyer plant.

Chair Mammano requested clarification of the timeline for presenting these funding requests to the City Manager. Mr. Dodd stated that Public Works will meet with the City Manager in the next several days, at which time they will present their operational budget. They will also meet with the City's Budget Advisory Board (BAB) to present their recommendations on May 25, 2022. The City Manager will present his budget at a later date. The budget process is ongoing through September as figures continue to be adjusted.

Chair Mammano noted that the bridge and streetlight projects request funding from the General Fund, while most of the other projects are among the CIP recommendations made by Public Works. She asked how the Committee might be effective in supporting Public Works' requests. Mr. Dodd estimated that Public Works' budget would be presented to the City Commission in June 2022 along with the recommendations of other City Departments. He suggested that any time after this would be an appropriate time to advocate for these priorities.

Chair Mammano commented that her preference would be to communicate these recommendations earlier in the budget process, before the Departmental recommendations are made public. She requested feedback from the Committee members on this. It was determined that this discussion would come back as an Agenda Item for the Committee's June meeting.

Mr. Angeli expressed concern with the backlog in small drainage projects, characterizing this as "a state of affairs" rather than a budgetary line item. He felt the Commission should be cognizant of this issue and provide significant funding in the current budget to clear out this backlog.

### **3. New Business**

#### **i. Asset Management Plan and Funding in FY23**

Ms. Scott clarified that the asset management plan consists of software that will keep track of the condition of all the City's assets so they can devise a plan for repair or replacement. Chair Mammano added that this was a requirement of the Consent Order.

Assistant Director of Public Works Chris Bennett explained that the Cityworks software program will be used to help manage these assets. This software will operate the predictor analyses that monitor the assets, including their risk of breakage and the prioritization of what should be fixed. The City is currently preparing to go live with one of the main modules of this system, which is related to the Consent Order. It will map the sewer system assets and record their age and other information.

Fred Harris, Cityworks Administrator, explained that the purpose of asset management is to document the current state of the City's assets and make long-range projections regarding their replacement. The asset management plan will also inform the City on infrastructure investment planning throughout the assets' life cycles. It will provide the City with risk-based, data-driven information. Asset management also requires solid governance, strong leadership, and well-coordinated policies and practices.

Mr. Harris explained that Cityworks is an enterprise asset management system that keeps a record of all the information relating to assets, including work that has already been done. A team will record information received from the field and ensure its accuracy.

Ms. Scott asked if the company that sold the asset management software to the City is still working with City Staff to ensure the system works properly. Mr. Harris confirmed that the City is working with an implementation partner. Cityworks will retain information about equipment, labor, material costs, work order counts by asset group, and whether or not maintenance is proactive or reactive, among other factors.

Chair Mammano asked which party is responsible for inputting information into the asset management system. Mr. Harris replied that when work orders are generated, field crews are sent out to perform the necessary work. If they need to use specific materials, those materials, including their cost, are added to the work order. The resulting report will reflect how much money is spent on particular types of work orders. This will help the City make decisions about how to spend its money.

Mr. Bennett added that implementation of the Cityworks system also includes work from consultant Hazen and Sawyer, who assisted with the Consent Order program, and their subcontractors, as well as the different consultants working on various City programs, to collect information on the age and condition of existing infrastructure. Moving forward, more information will be added as the City undertakes maintenance or software projects.

The City has geographic information systems (GIS) information about most of its water, sewer, and stormwater assets, as well as a handful of other hard assets. There are still a great many assets, however, about which the City must "fill in the blanks." These include areas where errors may have been made in the past or the quantity of known assets in a certain area may be too low. Establishing a work order program will be helpful in managing the assets.

Mr. Zeltman asked if the system would identify problems in the field, such as manholes that have settled over time. He pointed out that work crews may have addressed these issues in the past without fully investigating and addressing larger related problems. Mr. Bennett advised that the City will need to establish the parameters for projects such as this. A mature asset management program, which is greater than the software system alone, will include training field crews on proper inspection techniques and how to report whether assets may need additional work.

Chair Mammano asked for the cost of the asset management system. Mr. Harris replied that the City has spent just over \$800,000 on this system over the last three years. The initial software purchase and implementation was considered its own project, which meant it had its own budget. Mr. Bennett added that secondary funding may also come from other projects: for example, some funding is a result of the Consent Order's requirement to map the sewer system and "go live" with its inspection and work order modules.

Chair Mammano asked if there are specific line items associated with the asset management system which need funding. Mr. Harris replied that the biggest expense will be the condition assessment, which will be ongoing. He explained that each of the City's utilities is at a different stage within the asset management program: stormwater work is further along, while mapping of sewer system assets is approximately 85% complete. The next step will be to address the water system, which will require "desktop assessments" of the age, type of pipe, soil, and other information that will help determine the assets' remaining useful life. The intent is to reach a point where the City can make informed decisions about the replacement or repair of, and investment in, infrastructure going forward.

Chair Mammano asked if this will include identification of every City asset and its condition. Mr. Bennett replied that the goal is to identify assets on a City-wide management system for all Departments. At present, the focus is on water, sewer, and stormwater assets. Sidewalk and asphalt information will eventually be included as well: Staff members are indexing the condition of sidewalks and roadways.

Chair Mammano requested further clarification of what the FY 23 funding would cover. Mr. Harris replied that this would be for the condition assessment of known facilities. He confirmed that sewer mapping is presently 80% complete. The initial condition assessment of sewer infrastructure was required under the Consent Order, and Staff in the field will continue to provide information as work orders are completed.

Mr. Harris advised that in a year, Cityworks is expected to have been functional for roughly 10 to 12 months and will be providing the data necessary to make informed decisions. He cautioned that the first six months' worth of data should be taken with a grain of salt, as Staff will be learning how to use the system and some user error can be anticipated.

Mr. Bennett stated that by the next year, Staff will be determining its asset management program team and the organizational structure of that team. At present, Mr. Harris is leading a two-person team with GIS, IT, and programming implementation support; however, this stage is focused on making sure the software is up and running and is not the same as a program team. There is funding to ensure the software is operational and to continue implementing more assets and training staff on how to use the software.

Ms. Scott asked how many individuals are expected to make up the asset management program team. Mr. Bennett estimated that this will require one to two full-time individuals in the beginning, including persons with IT and database management knowledge. This number may expand in the future.

Chair Mammano asserted that if more funding is needed for the asset management program in the future, the Committee is willing to advocate for this funding.

It was further clarified that the proposed software is not only for Public Works, but for the entire City. This means while Public Works will be advocating for its own uses of the software, other Departments will also need to be brought on board and their needs funded as well.

Chair Mammano noted that this could constitute overreach if the program is implemented for multiple City Departments before Public Works has become fully comfortable with it. Ms. Scott added that how Public Works implements the system will show how it can be used by the entire City. She felt it was critical to have sufficient Staff in this Department to ensure the success of the system before other Departments implement it as well. Mr. Bennett agreed that the initial progress of the system may have been slowed because Public Works was trying to do too much at once. As a result, they have taken a step back and are implementing the program one utility at a time.

Mr. Harris clarified that Cityworks itself is an asset management system, but does not constitute the entire asset management program. It is the software that will keep track of mapping, work that is being done, and materials, and informs the decision-making process.

**ii. Consent Agreement – Mapping of the Water System**

Program Manager Sylejman Ujkani advised that this project is currently under a cone of silence, as the City is awaiting bids.

**iii. Yearly Analysis of Water System Breaks from 2021**

Chair Mammano recalled that this was requested at the April 2022 meeting. The Committee members viewed a graphic showing the 2021 water system breaks, which reflected 37 breaks, 12 of which were made by contractors.

**4. Public Works Update**

**i. April Water and Wastewater Break Report**

Mr. Castellon reported that there were two water breaks and no sewer breaks during the month of April 2022.

**ii. Financial Report**

Mr. Castellon advised that the City remains on track with bond spending. The next bond report is expected in October 2022. Funds are being spent on a number of Consent Order-related projects, as well as improvements to the Fiveash Water Treatment Plant.

**5. General Discussion and Comments**

**i. Committee Members**

Chair Mammano pointed out that the Committee traditionally does not hold its July meeting, which corresponds to the City Commission's timeline.

**Motion** made by Mr. LaBrie, seconded by Mr. Angeli, to cancel the July 2022 meeting. In a voice vote, the **motion** passed unanimously.

Mr. LaBrie observed that the April 2022 minutes were sent to the Committee members late, with several other backup documents, and asked if it might be possible to send the minutes at the same time as each month's Agenda. Other supporting documents could be provided later. Mr. Castellon explained that the previous Staff Liaison had resigned, which left Staff in a challenging position when documents were sent out. He agreed, however, that the previous month's minutes and the Agenda could be sent together.

Mr. LaBrie also addressed the presentation on the Sunshine Law as reflected in the April 2022 minutes, requesting clarification of whether or not Sunshine Law restrictions apply to comments made by Committee members at Council of Fort Lauderdale Civic Associations. It was clarified that while the Council is not subject to the Sunshine Law, as it is not a City advisory entity, the issue is that of two Committee members engaging in discussion, which would constitute a violation of the Sunshine Law.

Mr. Angeli expressed concern with the use of leaf blowers, which can result in leaves and other vegetative debris being pushed down into the storm sewers. Mr. Castellon advised that the City has a catch basin cleaning program. Mr. Bennett further clarified that the entire City basin system is required to be cleaned once every five years. He added that leaves are supposed to be bagged under Code requirements.

Mr. Castellon asked if the Committee wished to see a presentation from stormwater operations on the basin cleaning schedule. There was consensus that the members would like to see this schedule.

Chair Mammano recalled that at the April meeting, the Committee had discussed the fact that sidewalk improvements are no longer eligible for funding by the Broward County transportation surtax. She requested a discussion of the City's sidewalk budget, including repairs to damaged existing sidewalks as well as overall sidewalk connectivity.

Mr. Zeltman recalled that he had requested clarification of the percentage of water from the Fiveash Water Treatment Plant that is unaccounted for within the system. Mr. Castellon replied that there is a figure for this non-revenue water (NRW), which can be provided at the next meeting.

Mr. Zeltman also asked if the Committee can see information on I&I into pipes and basins in the sanitary sewer system, and a schedule of when this may be addressed. He explained that this information is relative to the decrease in water going into the Lohmeyer wastewater plant. Mr. Castellon stated that this decrease can be seen in basins that have been lined; however, it is difficult to correlate this to the total flow, particularly during heavy rains, as unlined basins still experience significant intrusion of water. He confirmed that run times at pump stations have decreased where basins have been lined.

Chair Mammano suggested that it could be useful to see a chart of the pump stations with lower run times near the lined basins. Mr. Castellon confirmed that this data is available. Chair Mammano requested a map of the basins that have been lined, as well as figures reflecting the decrease in run times at pump stations where I&I is less of a problem due to lined basins.

Ms. Scott requested an update on the proposed tunnel v. bridge discussion. It was noted that this discussion has moved on to the County. Mr. Ladd advised that the City's position remains opposed to a new bridge, although Chair Mammano noted that some entities are not in favor of a tunnel due to concerns about its potential cost.

Mr. Zeltman requested an update on the status of the public-private partnership (P3) for construction of a new water treatment plant. Mr. Castellon replied that Staff is working on an interim agreement related to this project and is reviewing the prospective location of a new building, as well as the potential relocation of wells. This interim agreement will go before the City Commission on May 3, 2022. Staff is also working on the comprehensive agreement with the City's P3 partner agency.

Chair Mammano asked if the City would have any liability if the partner agency pulls out of the contract after the interim agreement. Mr. Castellon explained that the entity will need to figure out what to do next after they have reviewed the location and the wellfield.

Mr. LaBrie asked what entity is responsible for paying for the water that goes to City pools, splash ponds, the Aquatics Center, and other facilities that use water. Mr. Castellon replied that all these connections are metered, and the entity in charge of the facilities pays for this water.

**ii. Public Comments**

None.

**6. Adjournment**

There being no further business to come before the Committee at this time, the meeting was adjourned at 3:53 p.m.

Any written public comments made 48 hours prior to the meeting regarding items discussed during the proceedings have been attached hereto.

[Minutes prepared by K. McGuire, Prototype, Inc.]



# Old Business

- Public Works Projects - Funding Request Priorities

Infrastructure Priorities  
Budget Year FY2023

**Guiding Principles**

- A. Compliance with legal requirements
- B. Addressing immediate life, health, safety, or environmental needs
- C. Reducing high risks that may impact City's ability to provide essential services
- D. Supporting future approved development needs
- E. Integrating technology to improve efficiency and situational awareness
- F. Mitigating for climate change and carbon neutrality goals
- G. Improving community and systems resilience
- H. Replacing aging or antiquated infrastructure
- I. Providing system redundancy

**General Fund (331)**

SE 13<sup>th</sup> St over Cerro Gordo River Bridge (\$5,901,709). Replacement of the existing bridge infrastructure (Bridge 865765). (B,C,F,H)

FY2023 - \$2,279,650

FY2024 - \$705,185

FY2025 - \$2,916,874

Streetlight Improvements (\$4,662,900) Retrofit existing light poles with LED fixtures to provide better lighting along the corridor and provide additional light poles to provide consistent level of service. (B,D,E,G,H)

**Stormwater (470)**

P11906 Annual Stormwater Drainage Improvements. (\$1,500,000). Currently receives \$1.3M annually for small (under \$100k drainage projects. 3 year backlog in approved projects. Recommend increase to \$1.5M annually. (B,F,G,H)

**Water and Sewer (454/495)**

Senior Systems Engineer (SCADA Systems and Network) (\$154,215) New FTE to work with departments SCADA systems to protect systems against cybersecurity threats. (A,C,E,G)

P12388 NW 13<sup>th</sup> St 24" Force Main Replacement (\$16,601,794) (C,D,G,H)

Available - \$3,617,084

FY2023 - \$7,235,515

FY2024 - \$871,608

FY2025 - \$4,877,587

P12462 Coral Ridge Small Watermain Improvements (\$5,239,756), (C,D,G,H)

Available - \$302,844

FY2023 - \$4,936,912

P12464 Tarpon River A-11 Sewer Basin Rehab (\$5,905,947) (C,D,G,H)

Available - \$2,430,530

FY2023 - \$3,475,417

P12606 Coral Ridge Country Club Estates B11 Basin Rehab (\$19,556,665) (C,D,G,H)

Available - \$1,132,543

FY2023 - \$4,608,831

FY2024 - \$4,980,363

FY2025 - \$8,834,928

P12608 Triplex Pumping Station Rehabilitation (\$13,302,517) (C,D,G,H)

Fund 454 Available - \$362,981

Fund 495 FY2023 - \$12,939,536

Central Region (451/496)

P12387 Effluent Pipe 54-inch Forcemain Replacement (\$9,813,539) Consent Order project to replace pipes connecting GTL to wellfield (A,B,C,G,H,I)

Fund 451 - \$4,072,462

Fund 496 - \$5,744,077

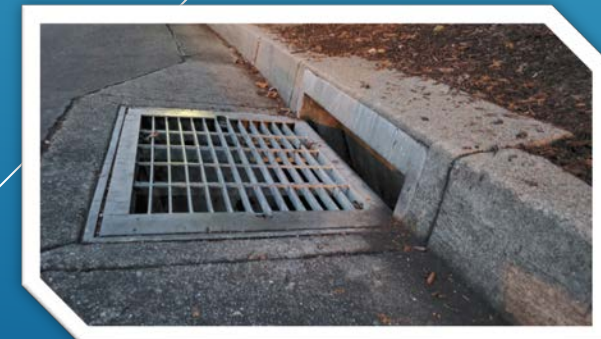
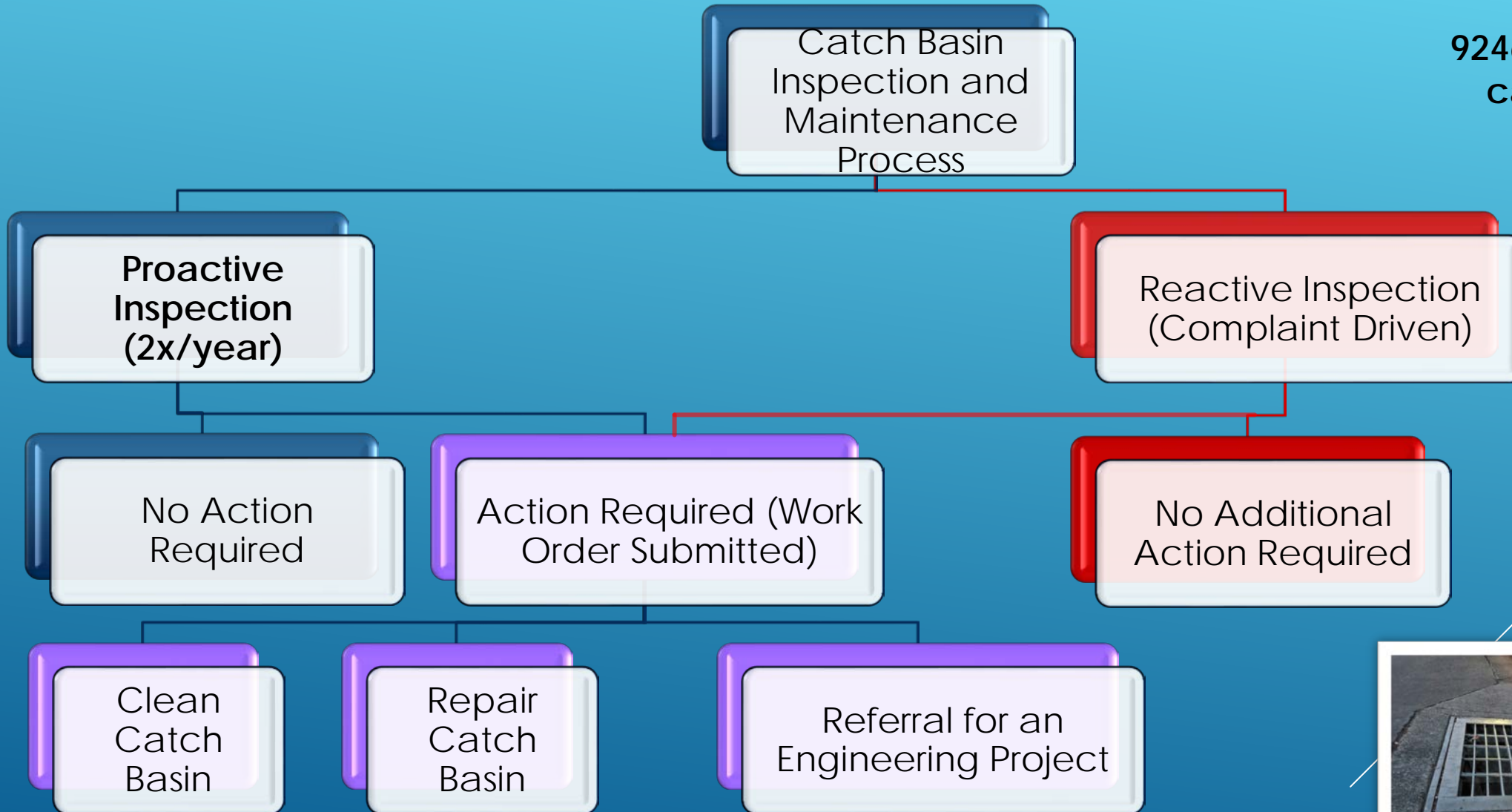


# New Business

- Catch Basin Cleaning Schedule
- City's Sidewalk Budget including Repairs to Damaged Sidewalks and Connectivity
- Percentage of Unaccounted Water From Fiveash Water Treatment Plant
- Map and Figure of Pump Stations with Lower Run Times Near Lined Basins

# STORMWATER INSPECTION PROCESS: CATCH BASINS

9246 City-owned catch basins



# STORMWATER PROACTIVE INSPECTION DASHBOARD

## FEB-JUNE 1, 2022

Stormwater Proactive Inspections (SWOPS) Dashboard

Filter Results by Neighborhood: No category selected  
Filter Results by Quarter Secti... No category selected

# 2,878

Inspections Completed on City Owned Inlets

# 121

Need Cleaning

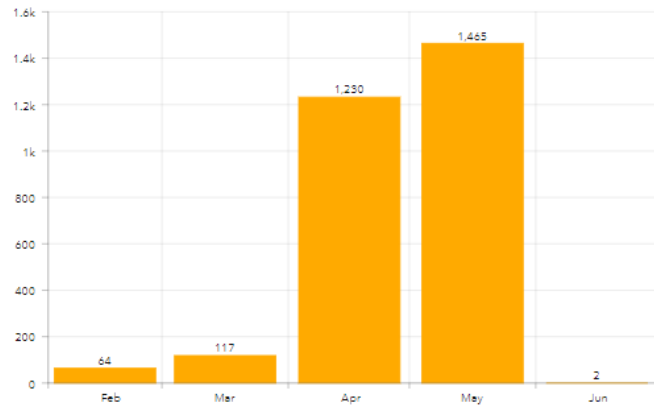
# 9

Need Repair

### Most Recent Completed Inspections

STIN-04635: 6/1/2022, 8:22 AM Q929053 ChristopherPa  
STIN-18243: 6/1/2022, 8:20 AM Q929053 ChristopherPa  
STIN-04095: 5/27/2022, 10:19 AM Q928462 city-hall\shanardg  
STIN-04080: 5/27/2022, 10:18 AM Q928462 city-hall\shanardg

Last update: a few seconds ago



Completed City Owned Inspections by Month

# 48

Inspections Completed on Newly Identified Inlets

### City Owned Inlets that Need Cleaning

Q# 928462 **STIN-04239**  
Inspection by city-hall\shanardg  
5/27/2022, 9:46 AM

Q# 928462 **STIN-04704**  
Inspection by city-hall\shanardg  
5/27/2022, 9:18 AM

Q# 929008 **STIN-05217**  
Inspection by ChristopherPa  
5/27/2022, 8:55 AM

Q# 928552 **STIN-05526**  
Inspection by ChristopherPa  
5/26/2022, 10:25 AM

Q# 928548 **STIN-05525**  
Inspection by ChristopherPa  
5/26/2022, 10:23 AM

Q# 928462 **STIN-13064**  
Inspection by city-hall\shanardg  
5/26/2022, 10:14 AM

Q# 928505 **STIN-05684**  
Inspection by ChristopherPa  
5/26/2022, 9:12 AM

Above listing includes inspections ordered by most recent.

### City Owned Inlets that Need Repair

Q# 928004 **STIN-17732**  
Inspection by andrewr  
5/25/2022, 8:57 AM

Q# 920166 **STIN-03516**  
Cb is buried underneath asphalt  
Inspection by ChristopherPa  
5/10/2022, 9:44 AM

Q# 920166 **STIN-03517**  
Cb is buried underneath asphalt  
Inspection by ChristopherPa  
5/10/2022, 9:43 AM

Q# 916868 **STIN-03132**  
Sink hole near cb  
Inspection by ChristopherPa  
4/29/2022, 8:27 AM

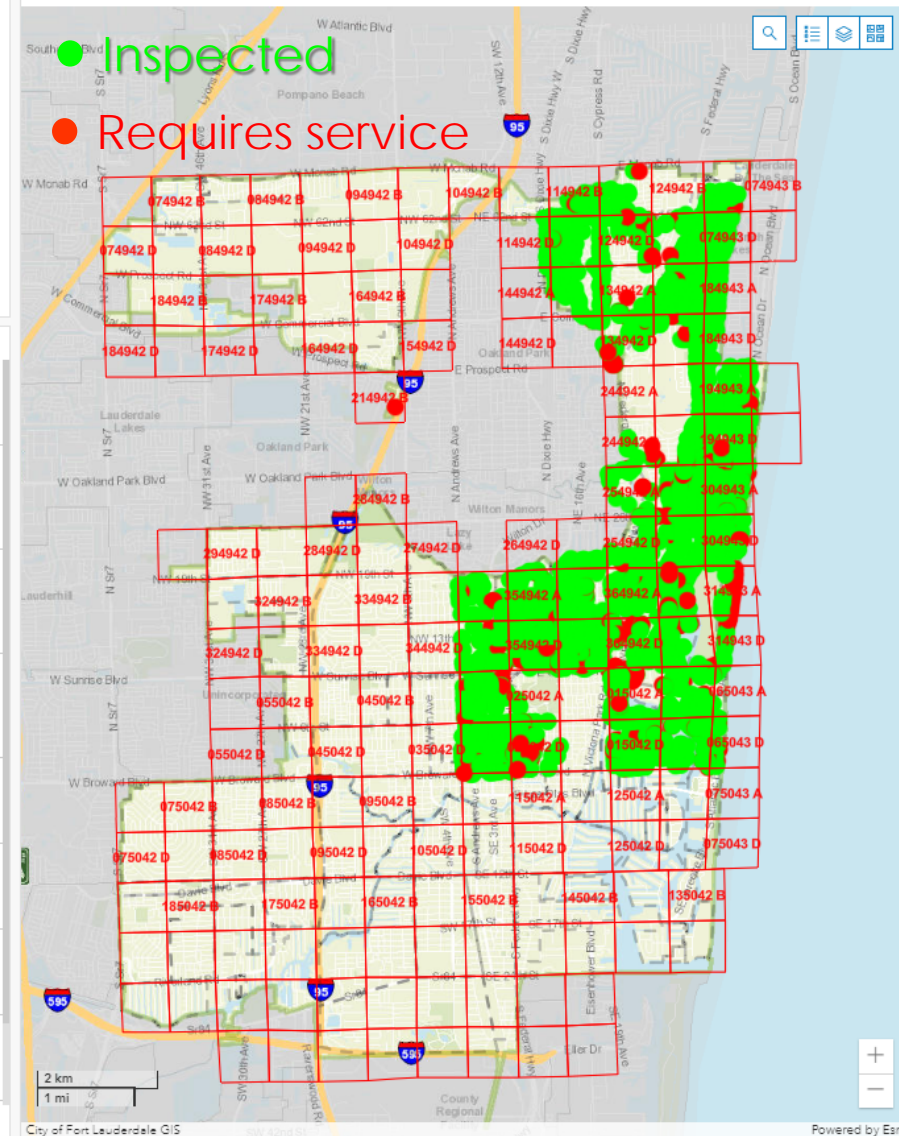
Q# 912782 **STIN-01826**  
Inspection by ChristopherPa  
4/19/2022, 8:33 AM

Q# 912862 **STIN-01836**  
Inspection by ChristopherPa  
4/19/2022, 8:29 AM

Q# 911616 **STIN-01653**  
Inspection by ChristopherPa  
4/15/2022, 11:10 AM

Q# 911605 **STIN-01675**  
Inspection by ChristopherPa  
4/15/2022, 11:05 AM

Above listing includes inspections ordered by most recent.



# ADDITIONAL CATCH BASINS INSPECTIONS AND CLEANINGS

- Special Projects – e.g. Tarpon River basin-wide cleaning for waterway quality purposes
- Tidal Valves – 185 catch basins containing tidal valves inspected 4x per year
- CCTV evaluations – Requires cleaning of system



# CATCH BASINS CLEANED THROUGH APRIL IN FY 2022

3,647 OF 9246 (39%)





CITY OF FORT LAUDERDALE

Infrastructure Task Force  
**Sidewalk Needs – Established  
Infrastructure**

Public Works Department – Engineering



# Sidewalk Program Overview

## Total Number of Priority Repairs:

New sidewalk (sq ft)	93,510
Curb location repairs	68
ADA ramp installations	73
Water box repairs	102
Tree root repair locations	73
Pavers replaced	1,525
Vegetation related repairs	28
Concrete grinding locations	48

This year's budget is \$1,300,000.

Completed in FY2022:

- Number of Locations: 400
- Installed: 86,046 sq. ft or 3.25 miles

Next year's proposed budget is \$1,500,000.



Complaints received through LauderServ have increased annually, as measured in the same quarter of March, April, and May:

- 2020 – 33
- 2021 – 58
- 2022 - 112.



# Prioritization & Assessment

## Priority Repairs:



1. Commission Priorities



2. C1 - Large vertical displacement



3. C2 – Wide cracks



4. Trip & Falls

## Assessment Category Types:

1 – Large vertical displacement & 2 – Wide cracks



2 – Wide cracks



3 – Small vertical displacement



4 – Surface defects



5 – Narrow cracks





# FY 2022 Sidewalk Program – Category 1

Before - 1001 NW 5<sup>th</sup> Street



After





# FY 2022 Sidewalk Program – Category 1

Before – 706 SE 12<sup>th</sup> Street



After





# FY 2022 Sidewalk Program – Category 1

Before – 231 Almond Avenue (Central Beach)



After





# FY 2022 Sidewalk Program – Category 2

Before – 800 NW 5<sup>th</sup> Street



After





# FY 2022 Sidewalk Program – Category 2

Before – 1600 Ponce de Leon Drive



After



# Sidewalk Needs – Connectivity

Transportation & Mobility Department

# Sidewalks - New Capacity Needs





# Missing Gaps

- Small Connections
- Larger gaps on corridors





# Sidewalks but No Connections

- Can't get off block



# Outstanding Needs LauderServ Gaps

- 87 outstanding requests since 2015
  - 10 miles of requests - \$4.8 million
  - Many more needs, need comprehensive study
- Budget recommendations FY23
  - \$200,000 annually to fill gaps
  - \$180,000 Sidewalk Master Plan

# Prioritization of Request

- School Zones
- Park Connections
- Vehicle volumes

# Prioritization – School Connections



## Riverside Park – Stranahan High School

- \$200,000 worth of installations (purple)
  - SW 15<sup>th</sup> Avenue
  - SW 9<sup>th</sup> Street
  - SW 5<sup>th</sup> Court



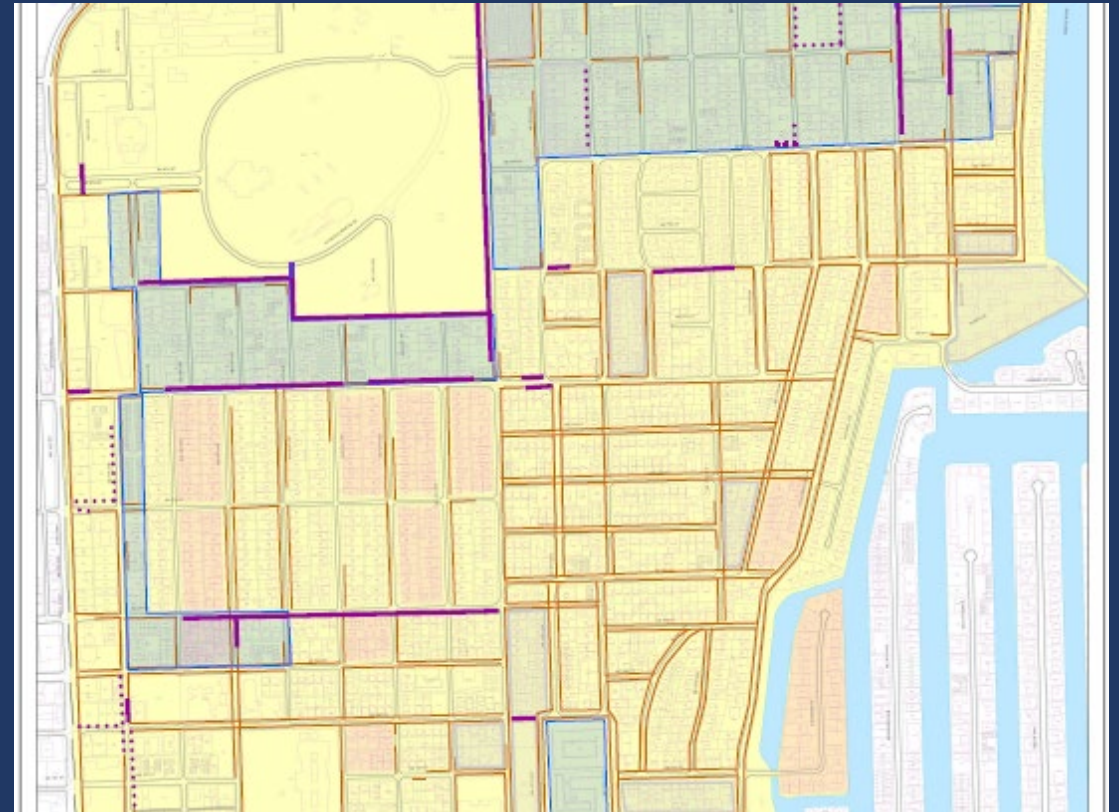
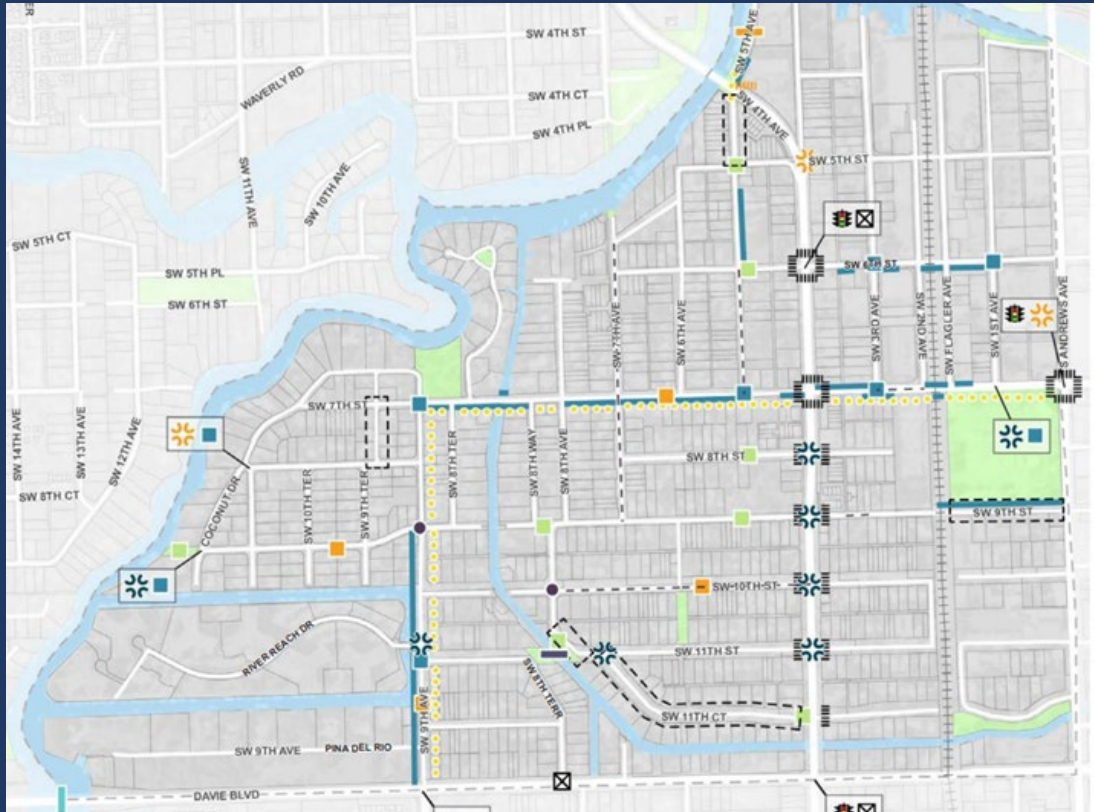
# Prioritization – Parks Connections

- Connections to and between parks



# Prioritization – Vehicle Volume

Prioritizing collectors



# Needs

- Sidewalk Implementation Funding – existing LauderServ requests
  - Annual program to work on addressing issues
    - \$200,000 annually budget recommendation to Public Works
- Sidewalk Master Plan – future needs
  - FY23 Budget allocation being recommended to Public Works
  - Quantify all needs, not just those reported
  - Prioritize implementation
  - Will assist with future larger grant funding applications
- Staff to plan and implement
  - Project managers



# Water Loss Report

- Data shows the overall unaccounted water for the City of Fort Lauderdale
- Submitted to SFWMD last summer for 2020 documenting
- The report of 2021 is in progress
- Due to a single PWSID (public water system identification) 4060486, the value is for the entire distribution service area. Fiveash WTP is not individually reported.



	b) Meter inaccuracies														0
	c) Illegal water consumption/theft														0
	d) Other (describe):														0
14.0	Total Apparent Water Losses (line a through d)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
15.0	Total Real and Apparent Water Losses (l. 12 plus l. 14) <b>should equal l. 10</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
16.0	Real Water Losses as a percentage of System Input (based on System Input calculated above) (line 12 divided by line 6)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00%
17.0	Apparent Losses as a percentage of System Input (based on System Input calculated above)(line 14 divided by line 6)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00%

To assist the SFWMD reviewer, please provide comments below for clarification on any of the information above:

\*Note: Copy the following URL for a list of components and definitions of the IWA/AWWA Water Balance which the above table utilizes:

<http://www.awwa.org/Portals/0/files/resources/water%20knowledge/water%20loss%20control/apparent-real-losses-awwa.pdf>

Spreadsheet Version Updated: 5/2/13



# Pump Stations

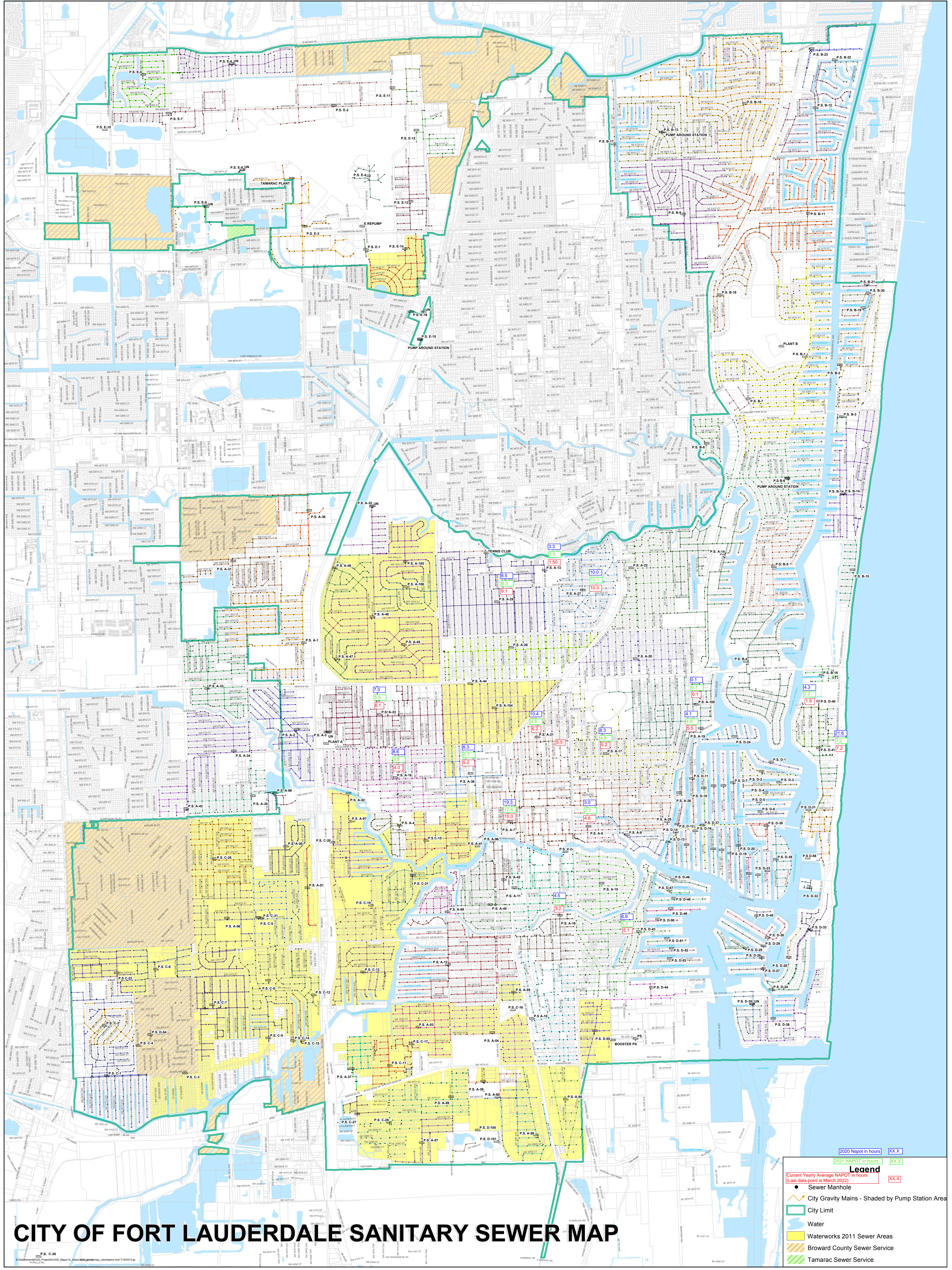
- The map shows the location of pump stations being rehabilitated (A7, A13, A18, A19, A21, D40, and D43) and surrounding areas
- NAPOTs starting from 2020 on the map for the requested basins and a few near them.
  - The current yearly moving average ends March 2022.



# Pump Stations

Pump Stations	2020 NAPOT (HOURS)	2021 NAPOT (HOURS)	2022 NAPOT (HOURS) Data thru March
A7	19.3	17.6	15.0
A8	3.0	2.7	4.6
A13	3.3	1.5	1.5
A16	4.5	3.0	3.2
A17	8.3	4.8	5.2
A18	8.6	3.5	4.0
A19	4.1	4.8	5.5
A21	10.4	4.8	6.2

Pump Stations	2020 NAPOT (HOURS)	2021 NAPOT (HOURS)	2022 NAPOT (HOURS) Data thru March
A23	7.0	5.9	6.1
A27	10.0	10.1	10.3
A29	8.5	8.3	9.1
A36	8.3	5.7	5.2
D41	21.6	7.2	7.2
D40	4.3	2.2	1.9
D43	6.9	5.2	5.1
A100	0.1	0.1	0.1



[XX.X] 2020 Napot in hours  
[XX.X] 2021 NAPOT in hours  
**Legend**  
● Sewer Manhole  
— City Gravity Mains - Shaded by Pump Station Area  
— City Limit  
— Water  
— Waterworks 2011 Sewer Areas  
— Broward County Sewer Service  
— Tamarac Sewer Service

# CITY OF FORT LAUDERDALE SANITARY SEWER MAP



# Public Works Updates

- May Water and Wastewater Break Report
- Financial Report



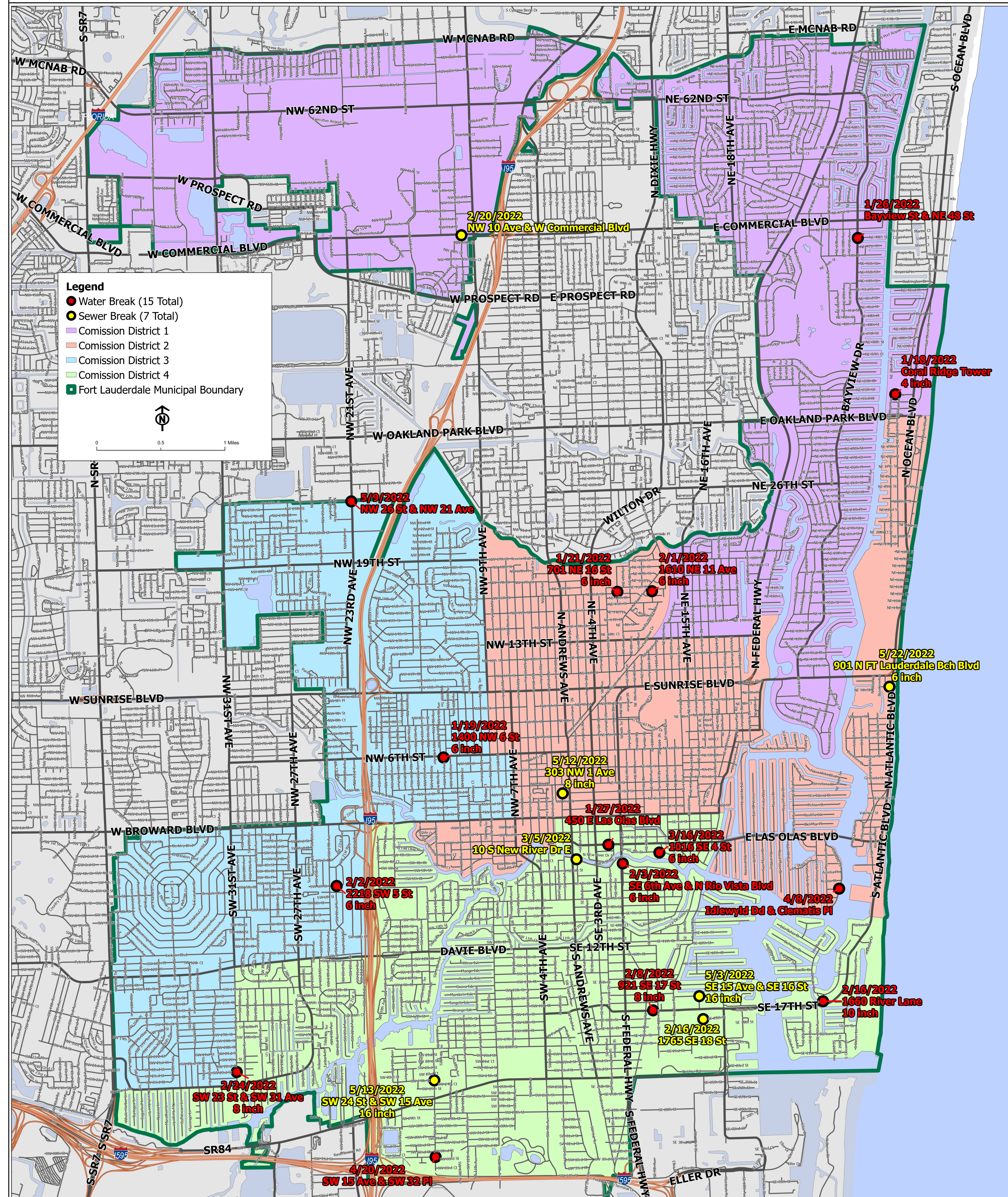
# Water & Force Main Breaks May 2022

## Water Main Breaks

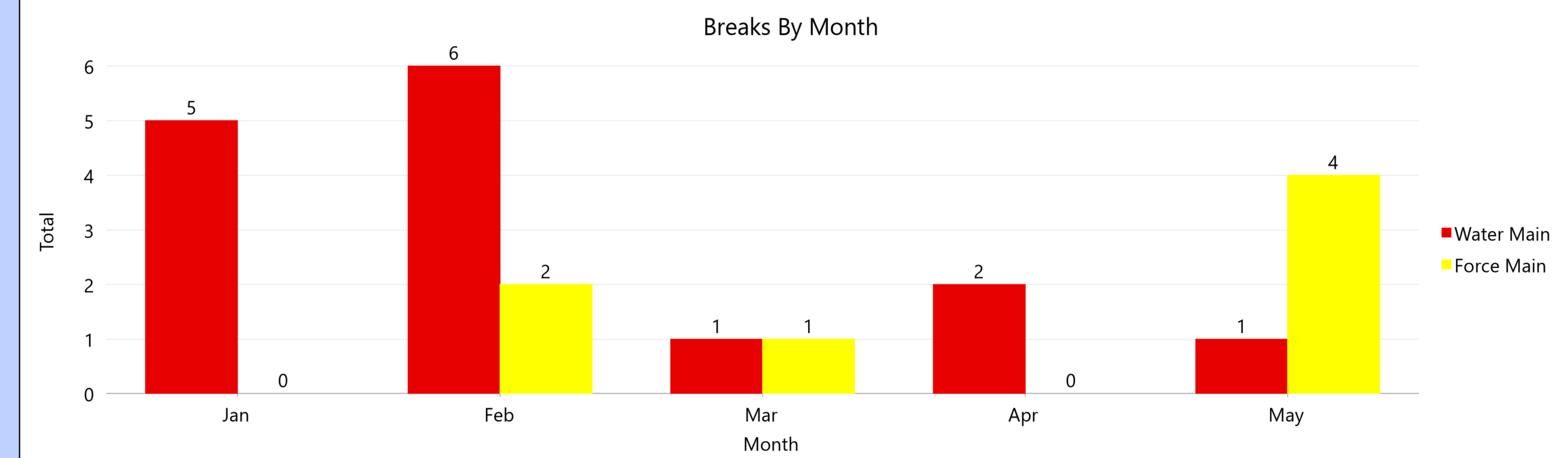
Date of break/PBWN	Q-Alert#	Address	Type	Size in inches	Cause	Cost	Water Loss	Precautionary Boil Water Notice	Impacted Properties
5/9/2022	921686	NW 26th St & NW 21st Ave			Emergency Repair			Yes	40

## Force Main Breaks

Date of break/SSO	Q-Alert#	Address	Type	Size in inches	Cause	Cost	Volume (Gal)	SSO Issued	Impacted Properties
5/3/2022	919041	SE 15TH AVE & SE 16TH ST	SSO	16"	Damaged Sewer Main		39000	Yes	
5/12/2022	922886	303 NW 1ST AVE	SSO	8"	Manhole Overflow		500	Yes	
5/13/2022	923367	SW 24TH ST & SW 15TH AVE	SSO	16"	Broken Force Main		4500	Yes	
5/22/2022	926923	901 N FT LAUDERDALE BCH BLVD	SSO	6"	Broken Force Main		200	Yes	



- Legend**
- Water Break (15 Total)
  - Sewer Break (7 Total)
  - Commission District 1
  - Commission District 2
  - Commission District 3
  - Commission District 4
  - Fort Lauderdale Municipal Boundary



**Water Distribution Breaks**

Date of Break/PBWN	Q-Alert	Address	Type	Size	Cause	PBWN Issued?	Impacted Properties
1/18/2022		Coral Ridge Tower	Water Main	4 inch		Y	100+
1/19/2022	871475	1400 NW 6 St	Water Main	6 inch		Y	18
1/21/2022	872066	701 NE 16 St	Water Main	6 inch		Y	45
1/26/2022		Bayview St & NE 48 St	Water Main			Y	445
1/27/2022	873901	450 E Las Olas Blvd	Water Main			Y	6
2/1/2022	872548/876637	1610 NE 11 Ave	Water Main	6 inch	Emergency Repair	Y	12
2/2/2022	876747/876753	2218 SW 5 St	Water Main	6 inch	Emergency Repair	Y	6
2/3/2022	877887	SE 6th Ave & N Rio Vista Blvd	Water Main	6 inch	Emergency Repair	Y	29
2/8/2022	875380	921 SE 17 St	Water Main	8 inch	Emergency Repair	Y	10
2/16/2022	882758	1660 River Lane	Water Main	10 inch	Emergency Repair	Y	5
2/24/2022	886648	SW 23 St & SW 31 Ave	Water Main	8 inch	Emergency Repair	Y	20
3/16/2022		1016 SE 4 St	Water Main	6 inch	Emergency Repair	Y	11
4/8/2022	908137	Idlewyld Dd & Clematis Pl	Water Main		Vehicle hit hydrant	Y	3
4/20/2022	913672	SW 15 Ave & SW 32 Pl	Water Main		Emergency Repair	Y	13
5/9/2022	921686	NW 26 St & NW 21 Ave	Water Main		Emergency Repair	Y	40

**Sewer Main Breaks**

Date of Break/PBWN	Q-Alert	Address	Type	Size	Cause	Volume (Gal)	SSO Issued?	Impacted Properties
2/16/2022	882575	1765 SE 18 St	Force Main		Gravity Blockage	900	Y	
2/20/2022	884873	NW 10 Ave & W Commercial Blvd	Force Main		Sewer Stoppage	300	Y	
3/5/2022	891700	10 S New River Dr E	Force Main		Sewer Stoppage	100	Y	
5/3/2022	919041	SE 15 Ave & SE 16 St	Force Main	16 inch	Damaged Sewer Main	39000	Y	
5/12/2022	922886	303 NW 1 Ave	Force Main	8 inch	Manhole Overflow	500	Y	
5/13/2022	923367	SW 24 St & SW 15 Ave	Force Main	16 inch	Broken Force Main	4500	Y	
5/22/2022	926923	901 N FT Lauderdale Bch Blvd	Force Main	6 inch	Broken Force Main	200	Y	

## Water & Sewer Bond Expenditures Summary May 24, 2022

Bond Funded Projects by Category	Total Budget Amount	Actuals as of 5.24.2022	% Spent to Date as of 5.24.2022	Encumbrances as of 5.24.22	Remaining Balance as of 5.24.22
Finance	23,595,311.21	19,296,941.00	82%	3,135,003.00	1,163,367.21
Fiveash Upgrades	24,656,857.81	5,782,166.82	23%	4,688,855.01	14,185,835.98
GTL Upgrades	14,000,000.00	9,396.00	0%	-	13,990,604.00
I&I	17,303,547.00	14,559,124.56	84%	112,107.35	2,632,315.09
Master Plan/Report	2,109,624.50	851,292.45	40%	1,072,669.93	185,662.12
Peele Dixie Upgrades	163,133.00	93,440.00	57%	14,590.00	55,103.00
Sewer Basin	1,821,149.49	1,268,735.12	70%	28.75	552,385.62
Sewer Force main	99,561,117.66	75,379,859.99	76%	5,845,451.73	18,335,805.94
Watermain	21,227,762.34	19,247,816.32	91%	1,298,702.15	681,243.87
<b>Grand Total</b>	<b>204,438,503</b>	<b>136,488,772</b>	<b>67%</b>	<b>16,167,408</b>	<b>51,782,323</b>

Index Code / Project Title	Category	Project Status	Budget	Actuals as of 5.24.2022	% Spent to Date as of 5.24.2022	Encumbrances as of 5.24.22	Remaining Balance as of 5.24.22
FD495.01 WATER & SEWER MASTER PLAN 2017	Finance	Implementation	21,611,457.21	17,471,535.00	81%	3,064,969.00	1,074,953
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017	Finance	Implementation	1,983,854.00	1,825,406.00	92%	70,034.00	88,414
P10814.495 CENTRAL NEW RIVER W/MAIN RIVER CROSSING	Watermain	Construction	1,632,562.00	951,318.31	58%	-	681,244
P10850.495 VICTORIA PARK A NORTH-SMALL WATERMAINS	Watermain	Construction	4,435,773.00	4,434,667.95	100%	1,104.65	0
P11080.495 PORT CONDO SMALL WATER MAIN IMPROVEMENTS	Watermain	Construction	932,320.00	51,606.35	6%	880,713.65	-
P11563.495 VICTORIA PARK SEWER BASIN A-19 REHAB	I&I	Construction	5,832,153.00	5,677,555.93	97%	7.11	154,590
P11566.495 RIO VISTA SEWER BASIN D-43 REHAB	I&I	Construction	4,268,936.00	4,158,121.74	97%	14.97	110,799
P11589.495 FIVEASH WTP DISINFECTION IMPROVEMENTS	Fiveash Upgrades	Construction	16,417,546.00	1,408,681.30	9%	1,306,676.22	13,702,188
P11901.495 VICTORIA PK STH SM WATERMAINS IMPROVEMNT	Watermain	Construction	5,149,658.00	5,147,939.39	100%	1,718.61	0
P11991.495 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION	I&I	Construction	2,000,000.00	110,844.00	6%	-	1,889,156
P12049.495 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS	I&I	Construction	1,318,983.00	729,139.42	55%	112,073.74	477,770
P12055.495 BASIN A-18 SANITARY SWR COLL SYSTM REHAB	I&I	Construction	3,883,475.00	3,883,463.47	100%	11.53	0
P12133.495 PUMP STN A-13 REDIRECTION E OF FEDERAL	Sewer Force main	Complete	478,013.50	478,013.50	100%	-	-
P12180.495 CROISSANT PARK SMALL WATER MAINS	Watermain	Complete	2,822,718.37	2,822,718.37	100%	-	-
P12184.495 DAVIE BLVD 18" WM ABAN I-95 TO SW 9 AVE	Watermain	Hold	297,692.25	297,692.25	100%	0.22	(0)
P12202.495 LIFT STATN D-11 FLOW ANALYSIS & REDESIGN	Sewer Basin	Complete	1,224,357.61	1,224,357.61	100%	-	-
P12319.495 EMERG REPAIR 30" FM - REPUMP TO GTL WWTP	Sewer Force main	Complete	2,697,298.64	2,697,298.64	100%	-	-
P12352.495 S MIDDLE RIVER FORCE MAIN RIVER CROSSING	Sewer Force main	Finance	608,999.50	608,999.50	100%	-	-
P12367.495 ASSET MANAGEMENT & CMOM PROGRAMS	Master Plan/Report	Design	-	-	-	-	-
P12367.496 ASSET MANAGEMENT & CMOM PROGRAMS	Master Plan/Report	Design	-	-	-	-	-
P12368.495 SEWER CAPACITY ANLY FOR GRAVITY & FM	Master Plan/Report	Project Initiation Planning	-	-	-	-	-
P12368.496 SEWER CAPACITY ANLY FOR GRAVITY & FM	Master Plan/Report	Project Initiation Planning	-	-	-	-	-
P12375.495 PROG MGMT OF CONSENT ORDER PROJECTS	Master Plan/Report	Design	1,462,500.00	691,944.11	47%	768,725.77	1,830
P12375.496 PROG MGMT OF CONSENT ORDER PROJECTS	Master Plan/Report	Design	115,000.00	110,510.84	96%	4,489.16	(0)
P12383.496 NE 25TH AVE FORCE MAIN REPLACEMENT	Sewer Force main	Design	4,784,890.00	371,478.80	8%	551,531.73	3,861,879
P12384.496 NE 38TH ST 42" FM & NE 19TH AV 24" FM	Sewer Force main	Design	2,096,690.00	480,028.74	23%	800,856.80	815,804

Index Code / Project Title	Category	Project Status	Budget	Actuals as of 5.24.2022	% Spent to Date as of 5.24.2022	Encumbrances as of 5.24.22	Remaining Balance as of 5.24.22
P12385.496 SE 10TH AV 48" FM REPL & 36" BYPASS	Sewer Force main	Cancelled	18,326.00	18,326.00	100%	-	-
P12386.496 54" FM RPL SE 9TH/10TH AV & NEW PARALLEL	Sewer Force main	Cancelled	6,072.00	6,072.00	100%	-	-
P12387.496 EFFLUENT MAIN REHABILITATION	Sewer Force main	Project Initiation Planning	3,184,000.00	89,021.00	3%	294.00	3,094,685
P12388.495 NE 13TH ST 24" FORCE MAIN REPLACEMENT	Sewer Force main	Construction	3,313,090.00	3,064,493.44	92%	248,596.56	0
P12389.495 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH	Sewer Force main	Complete	2,112,550.00	2,105,749.34	100%	6,800.66	0
P12390.495 16" FM ALONG LAS OLAS BLVD PHASE 2	Sewer Force main	Complete	2,410,943.21	2,410,943.21	100%	-	-
P12391.495 BERMUDA RIVIERA SML WTRMN IMPROVEMENTS	Watermain	Complete	4,838,040.72	4,422,875.70	91%	415,165.02	(0)
P12393.495 FIVEASH ELEC SYSTM REPLACEMENT (2015-20)	Fiveash Upgrades	Design	256,827.50	-	-	-	256,828
P12395.495 PEELE DIXIE ELECTRICAL STUDIES	Peele Dixie Upgrades	Master Plan & Report	63,133.00	63,133.00	100%	-	-
P12396.495 PEELE DIXIE SURGE PROTECTION UPGRADES	Peele Dixie Upgrades	Construction	100,000.00	30,307.00	30%	14,590.00	55,103
P12399.495 FIVEASH WTP PCCP REPLACEMENT	Fiveash Upgrades	Complete	33,511.00	33,511.00	100%	-	-
P12400.495 PROSPECT WELLFIELD ELC STUDIES & TESTING	Master Plan/Report	Project Initiation Planning	185,000.00	1,168.00	1%	-	183,832
P12402.495 PEELE DIXIE WELLFIELD ELC STUD & TESTING	Master Plan/Report	Master Plan & Report	47,669.50	47,669.50	100%	-	-
P12404.495 EXCAVATE & DISPOSE OF DRY LIME SLUDGE	Fiveash Upgrades	Warranty	4,228,973.31	4,228,973.31	100%	-	-
P12406.496 REDUNDANT FORCE MAIN FROM B-REPUMP	Sewer Force main	Bidding	10,377.00	10,377.00	100%	-	-
P12407.495 SUBACQUEOUS FM CROSSING REINSTATEMENT	Sewer Force main	Cancelled	-	-	-	-	-
P12410.495 PUMP STATION C-1 REPLACEMENT	Sewer Force main	Bidding	620,000.00	29,843.00	5%	-	590,157
P12412.495 PUMP STATIONS A-16 UPGRADE	Sewer Force main	Design	3,000,000.00	23,230.00	1%	-	2,976,770
P12413.495 FM FROM PUMP STN D-35 TO D-36 UPSIZE	Sewer Force main	Warranty	517,445.12	517,445.12	100%	-	-
P12414.495 GRAVITY PIPE IMPV TO DWNTWN COL SYSTM	Sewer Force main	Bidding	3,335,370.00	193,226.90	6%	82,770.85	3,059,372
P12415.495 PUMP STATION A-7 UPGRADE	Sewer Force main	Construction	2,582,888.69	1,106,006.52	43%	1,384,220.60	92,662
P12418.495 WTR & W/WTR D & C SYSTEM MAPPING	Master Plan/Report	Project Initiation Planning	-	-	-	-	-
P12419.495 FORCE MAIN ASSESSMENT	Master Plan/Report	Master Plan & Report	-	-	-	-	-
P12419.496 FORCE MAIN ASSESSMENT	Master Plan/Report	Master Plan & Report	-	-	-	-	-
P12456.495 SEWER BASIN D-40 REHAB	Sewer Basin	Construction	169,237.00	34,108.51	20%	28.75	135,100
P12463.495 CORAL SHORES SML WATERMAIN IMPROVEMENTS	Watermain	Construction	1,118,998.00	1,118,998.00	100%	-	-
P12485.495 FIVEASH WTP FILTERS REHABILITATION	Fiveash Upgrades	Construction	3,720,000.00	111,001.21	3%	3,382,178.79	226,820
P12529.496 EFFLUENT PMP STNBY GENERATOR & ADMIN BLD	GTL Upgrades	Project Initiation Planning	14,000,000.00	9,396.00	0%	-	13,990,604
P12566.496 REDUNDANT SEWER FM NORTH TO GTL WWTP	Sewer Force main	Construction	25,225,638.08	25,200,719.43	100%	24,918.65	(0)
P12567.496 REDUNDANT SEWER FM SOUTH TO GTL WWTP	Sewer Force main	Construction	35,249,740.92	33,726,318.56	96%	71,838.64	1,451,584
P12569.495 NE 5TH STREET FORCE MAIN IMPROVEMENT	Sewer Force main	Complete	1,928,910.00	1,928,910.00	100%	-	-
P12570.495 36TH STREET FORCE MAIN IMPROVEMENT	Watermain	Warranty	-	-	-	-	-
P12618.495 DOLPHIN ISLES B-14 SEWER BASIN REHAB	Sewer Basin	Project Initiation Planning	427,554.88	10,269.00	2%	-	417,286
P12619.495 BAYVIEW DR 16" FM TO PUMP STATION B-14	Sewer Force main	Design	2,570,000.00	62,102.69	2%	115,004.84	2,392,892
P12620.495 LAS OLAS MARINA PUMP STATION D-31	Sewer Force main	Project Initiation Planning	2,500,000.00	-	-	2,500,000.00	-
P12628.495 INTERLOCAL AGREEMENT WITH POMPANO BEACH	Master Plan/Report	Project Initiation Planning	299,455.00	-	-	299,455.00	-
P12731.495 GRAVITY SWR RPR BAYVIEW FRM 36 TO 40 ST	Sewer Force main	Construction	309,875.00	251,256.60	81%	58,618.40	(0)
<b>Totals</b>			<b>204,438,503</b>	<b>136,488,772</b>	<b>67%</b>	<b>16,167,408</b>	<b>51,782,323</b>

Consent Order Projects Financial Report  
May 24, 2022

Index Code / Project Title	Category	Project Status	Budget	Actuals as of 5.24.2022	% Spent to Date as of 5.24.2022	Encumbrances as of 5.24.22	Remaining Balance as of 5.24.22
P11563.454 VICTORIA PARK SEWER BASIN A-19 REHAB			1,606,619.00	1,431,421		175,198	(0)
P11563.482 VICTORIA PARK SEWER BASIN A-19 REHAB			-	-			-
P11563.495 VICTORIA PARK SEWER BASIN A-19 REHAB			5,832,153.00	5,677,556		7	154,590
<b>P11563 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>7,438,772</b>	<b>7,108,977</b>	<b>96%</b>	<b>175,205</b>	<b>154,590</b>
P11566.454 RIO VISTA SEWER BASIN D-43 REHAB			3,523,431	2,206,730		574,958	741,743
P11566.482 RIO VISTA SEWER BASIN D-43 REHAB			381	381		-	-
P11566.495 RIO VISTA SEWER BASIN D-43 REHAB			4,268,936	4,158,122		15	110,799
<b>P11566 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>7,792,748</b>	<b>6,365,233</b>	<b>82%</b>	<b>574,973</b>	<b>852,543</b>
P11842.470 EDGEWOOD STORMWATER PRELIMINARY DATA & REPORT			1,928,448	1,868,307		12,152	47,989
P11842.473 EDGEWOOD STORMWATER PRELIMINARY DATA & REPORT			16,846,632	2,149,795		14,696,837	-
<b>P11842 TOTAL PROJECT COSTS</b>	<b>Stormwater</b>	<b>Construction</b>	<b>18,775,080</b>	<b>4,018,102</b>	<b>21%</b>	<b>14,708,989</b>	<b>47,989</b>
P11868.470 RIVER OAKS STORMWATER ANALYSIS			957,578	891,314		33,011	33,253
P11868.473 RIVER OAKS STORMWATER ANALYSIS			29,035,000	1,094,672		27,717,723	222,605
<b>P11868 TOTAL PROJECT COSTS</b>	<b>Stormwater</b>	<b>Construction</b>	<b>29,992,578</b>	<b>1,985,986</b>	<b>7%</b>	<b>27,750,734</b>	<b>255,858</b>
P11879.454 PUMP STATION B-10 REHAB			1,908,427	1,908,427		-	-
<b>P11879 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>1,908,427</b>	<b>1,908,427</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P11881.454 PUMP STATION D-45 REHABILITATION			509,868	509,868		-	-
<b>P11881 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>509,868</b>	<b>509,868</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P11991.454 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION			9,664,894	4,700,338		3,532,598	1,431,958
P11991.482 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION			3,335	3,335		-	-
P11991.495 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION			2,000,000	110,844		-	1,889,156
<b>P11991 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>11,668,229</b>	<b>4,814,517</b>	<b>41%</b>	<b>3,532,598</b>	<b>3,321,114</b>
P12001.454 SEWER BASIN D-40 REHAB			731,713	731,713		-	-
P12001.482 SEWER BASIN D-40 REHAB			3,766	3,766		-	-
<b>P12001 TOTAL PROJECT COSTS</b>	<b>Sewer Basin</b>	<b>Complete</b>	<b>735,479</b>	<b>735,479</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P12049.454 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS			2,457,469	1,209,044		-	1,248,425
P12049.482 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS			8,255	8,255		-	-
P12049.495 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS			1,318,983	729,139		112,074	477,770
<b>P12049 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>3,784,707</b>	<b>1,946,439</b>	<b>51%</b>	<b>112,074</b>	<b>1,726,195</b>
P12055.454 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			3,276,801	2,836,110		34,888	405,804
P12055.482 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			-	-		-	-
P12055.495 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			3,883,475	3,883,463		51,374	(51,363)
<b>P12055 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>7,160,276</b>	<b>6,719,573</b>	<b>94%</b>	<b>86,262</b>	<b>354,441</b>
P12124.454 CNTRL BCH ALLIANCE PUMP STN REPLAC D-41			2,132,448	2,132,448		-	0
<b>P12124 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>2,132,448</b>	<b>2,132,448</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P12133.454 PUMP STN A-13 REDIRECTION E OF FEDERAL			4,147,596	4,147,596		-	-
P12133.495 PUMP STN A-13 REDIRECTION E OF FEDERAL			478,014	478,014		-	-
<b>P12133 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>4,625,610</b>	<b>4,625,610</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P12177.454 E LAS OLAS 12" FORCE MAIN REPLACEMENT			1,689,730	1,689,730		-	-
<b>P12177 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>1,689,730</b>	<b>1,689,730</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P12202.454 LIFT STATN D-11 FLOW ANALYSIS & REDESIGN			205,156	205,156		0	(0)
P12202.495 LIFT STATN D-11 FLOW ANALYSIS & REDESIGN			1,224,358	1,224,358		-	-
<b>P12202 TOTAL PROJECT COSTS</b>	<b>Sewer Basin</b>	<b>Complete</b>	<b>1,429,513</b>	<b>1,429,513</b>	<b>100%</b>	<b>0</b>	<b>(0)</b>
P12264.470 CITYWIDE CANAL DREDGING PLAN - CYCLE 1			1,158,867	197,919		46,161	914,788
<b>P12264 CITYWIDE CANAL DREDGING PLAN - CYCLE 1</b>	<b>Stormwater</b>	<b>Design</b>	<b>1,158,867</b>	<b>197,919</b>	<b>17%</b>	<b>46,161</b>	<b>914,788</b>
P12319.454 EMERG REPAIR 30" FM - REPUMP TO GTL WWTP			13,182,064	13,182,064		-	-
P12319.495 EMERG REPAIR 30" FM - REPUMP TO GTL WWTP			2,697,299	2,697,299		-	-
<b>P12319 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>15,879,363</b>	<b>15,879,363</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P12352.454 S MIDDLE RIVER FORCE MAIN RIVER CROSSING			874,016	874,015		0	(0)
P12352.495 S MIDDLE RIVER FORCE MAIN RIVER CROSSING			609,000	609,000		-	-
<b>P12352 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Finance</b>	<b>1,483,015</b>	<b>1,483,015</b>	<b>100%</b>	<b>0</b>	<b>0</b>
P12367.495 ASSET MANAGEMENT & CMOM PROGRAMS			-	-		-	-
P12367.496 ASSET MANAGEMENT & CMOM PROGRAMS			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			871,387	533,008		338,380	(1)
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			204,430	125,057		79,373	-
<b>P12367 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Project Initiation &amp; Planning</b>	<b>1,075,817</b>	<b>658,065</b>	<b>61%</b>	<b>417,753</b>	<b>(1)</b>
P12368.495 SEWER CAPACITY ONLY FOR GRAVITY & FM			-	-		-	-
P12368.496 SEWER CAPACITY ONLY FOR GRAVITY & FM			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			725,896	725,759		137	-
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			35,560	35,553		7	-
PBS670501 LOHMEYER REGIONAL PLANT SUPPORT			9,811	9,799		12	-
PBS060101 UTILITIES ENGINEERING OPERATIONS			200,279	200,025		254	-
<b>P12368 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Project Initiation &amp; Planning</b>	<b>971,546</b>	<b>971,136</b>	<b>100%</b>	<b>410</b>	<b>-</b>
P12375.451 PROG MGMT OF CONSENT ORDER PROJECTS			1,295,458	624,155		582,164	89,139

Index Code / Project Title	Category	Project Status	Budget	Actuals as of 5.24.2022	% Spent to Date as of 5.24.2022	Encumbrances as of 5.24.22	Remaining Balance as of 5.24.22
P12375.454 PROG MGMT OF CONSENT ORDER PROJECTS			1,013,442	757,420		98,844	157,179
P12375.495 PROG MGMT OF CONSENT ORDER PROJECTS			1,462,500	691,944		768,726	1,830
P12375.496 PROG MGMT OF CONSENT ORDER PROJECTS			115,000	110,511		4,489	0
<b>P12375 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Design</b>	<b>3,886,400</b>	<b>2,184,029</b>	<b>56%</b>	<b>1,454,223</b>	<b>248,148</b>
P12383.451 NE 25TH AVE FORCE MAIN REPLACEMENT			1,363,353	3,393	0%	-	1,359,960
P12383.496 NE 25TH AVE FORCE MAIN REPLACEMENT			4,784,890	371,479		551,532	3,861,879
<b>P12383 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Design</b>	<b>6,148,243</b>	<b>374,872</b>	<b>6%</b>	<b>551,532</b>	<b>5,221,839</b>
P12384.496 NE 38TH ST 42" FM & NE 19TH AV 24" FM			2,096,690	480,029		800,857	815,804
<b>P12384 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Design</b>	<b>2,096,690</b>	<b>480,029</b>	<b>23%</b>	<b>800,857</b>	<b>815,804</b>
P12387.496 EFFLUENT MAIN REHABILITATION			3,184,000	89,021		294	3,094,685
<b>P12387 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Project Initiation &amp; Planning</b>	<b>3,184,000</b>	<b>89,021</b>	<b>3%</b>	<b>294</b>	<b>3,094,685</b>
P12388.454 NE 13TH ST 24" FORCE MAIN REPLACEMENT			3,761,244	169,477		67,987	3,523,780
P12388.495 NE 13TH ST 24" FORCE MAIN REPLACEMENT			3,313,090	3,064,493		248,597	0
<b>P12388 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Construction</b>	<b>7,074,334</b>	<b>3,233,970</b>	<b>46%</b>	<b>316,584</b>	<b>3,523,780</b>
P12389.454 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH			238,620	126,325		-	112,295
P12389.495 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH			2,112,550	2,105,749		6,801	0
<b>P12389 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>2,351,170</b>	<b>2,232,074</b>	<b>95%</b>	<b>6,801</b>	<b>112,295</b>
P12390.454 16" FM ALONG LAS OLAS BLVD PHASE 2			637,577	637,577		-	-
P12390.495 16" FM ALONG LAS OLAS BLVD PHASE 2			2,410,943	2,410,943		0	(0)
<b>P12390 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>3,048,520</b>	<b>3,048,520</b>	<b>100%</b>	<b>0</b>	<b>(0)</b>
P12413.454 FM FROM PUMP STN D-35 TO D-36 UPSIZE			615,099	615,099		-	-
P12413.495 FM FROM PUMP STN D-35 TO D-36 UPSIZE			517,445	517,445		-	-
<b>P12413 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Warranty</b>	<b>1,132,545</b>	<b>1,132,545</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P12418.495 WTR & W/WTR D & C SYSTEM MAPPING			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			3,441,353	2,424,335		1,017,018	-
<b>P12418 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Project Initiation &amp; Planning</b>	<b>3,441,353</b>	<b>2,424,335</b>	<b>70%</b>	<b>1,017,018</b>	<b>-</b>
P12419.495 FORCE MAIN ASSESSMENT			-	-		-	-
P12419.496 FORCE MAIN ASSESSMENT			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			924,284	924,284		-	-
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			45,279	45,279		-	-
<b>P12419 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Complete</b>	<b>969,563</b>	<b>969,563</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P12529.451 EFFLUENT PUMPS STANDBY GENERATOR & ADMIN BLDG IMPROVEMENTS			14,295,566	165,363		3	14,130,201
P12529.496 EFFLUENT PUMPS STANDBY GENERATOR & ADMIN BLDG IMPROVEMENTS			14,000,000	9,396		-	-
<b>IMPROVEMENTS</b>	<b>GTL Upgrades</b>	<b>Project Initiation &amp; Planning</b>	<b>28,295,566</b>	<b>174,759</b>	<b>1%</b>	<b>3</b>	<b>28,120,805</b>
P12566.451 REDUNDANT SEWER FM NORTH TO GTL WWTP			4,524,621	4,446,073		14,431	64,116
P12566.496 REDUNDANT SEWER FM NORTH TO GTL WWTP			25,225,638	25,200,719		24,919	(0)
<b>P12566 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Construction</b>	<b>29,750,259</b>	<b>29,646,793</b>	<b>100%</b>	<b>39,350</b>	<b>64,116</b>
P12567.496 REDUNDANT SEWER FM SOUTH TO GTL WWTP			35,249,741	33,726,319		71,839	1,451,584
<b>P12567 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Construction</b>	<b>35,249,741</b>	<b>33,726,319</b>	<b>96%</b>	<b>71,839</b>	<b>1,451,584</b>
P12569.495 NE 5TH STREET FORCE MAIN IMPROVEMENT			1,928,910	1,928,910		-	-
<b>P12569 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>1,928,910</b>	<b>1,928,910</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P12570.495 36TH STREET FORCE MAIN IMPROVEMENT			76,655	76,655		-	-
<b>P12570 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Warranty</b>	<b>76,655</b>	<b>76,655</b>	<b>100%</b>	<b>-</b>	<b>-</b>
FD495.01 WATER & SEWER MASTER PLAN 2017			212,876	-		-	212,876
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			2,150	-		-	2,150
<b>P12720 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Project Initiation &amp; Planning</b>	<b>215,026</b>	<b>-</b>	<b>0%</b>	<b>-</b>	<b>215,026</b>
<b>Grand Total</b>			<b>249,061,049</b>	<b>146,901,795</b>	<b>59%</b>	<b>51,663,656</b>	<b>50,495,598</b>

The following information pertains to the Stormwater Projects listed on the Consent Order Project Report. Paragraph 18 of the Amended Consent Order (CO) requires that the City pay \$2,116,500 in cash as civil penalties or implement In-Kind projects with a value of at least \$3,167,250 in lieu of making cash payment. This CO mandated that the project be either an environmental enhancement or an environmental restoration project. The City proposed to construct a new stormwater drainage system within the low lying areas of River Oaks Stormwater Analysis (P11868), Edgewood Area Stormwater Improvements (P11842) and the Osceola Canal as part of the Citywide Canal Dredging Plan - Cycle 1 (P12264) to offset the penalties. The proposal included multiple water quality improvements, such as several pollution control measures to treat stormwater runoff before it is discharged in the river, exfiltration trenches, dredging and bank stabilization, and a new wetlands area, in addition to typical stormwater best management practices. The proposal was approved by FDEP on January 20, 2021 and must be constructed by March 2024.

FY 2022 Water & Sewer Expansion Impact Fees  
May 24, 2022

FY 2022 (Revenue (Posted as of 5.24.2022))	Fiscal Month 1 (Oct. 2021)	Fiscal Month 2 (Nov. 2021)	Fiscal Month 3 (Dec. 2021)	Fiscal Month 4 (Jan. 2022)	Fiscal Month 5 (Feb. 2022)	Fiscal Month 6 (Mar. 2022)	Fiscal Month 7 (Apr. 2022)	Fiscal Month 8 (May 2022)	Year-to-Date Total
<b>FD452.01 WATER EXPANSION/ IMPACT FEE CONSTRUCTION</b>	<b>237,773.79</b>	<b>464,931.08</b>	<b>25,345.14</b>	<b>44,123.60</b>	<b>12,099.24</b>	<b>437,257.74</b>	<b>31,370.34</b>	<b>12,494.64</b>	<b>1,265,395.57</b>
B251 W&S IMPACT FEES - RESIDENTIAL	23,724.00	9,885.00	5,931.00	17,793.00	3,954.00	17,184.78	20,813.16	9,885.00	109,169.94
B252 W&S IMPACT FEES - COMMERCIAL	214,049.79	455,046.08	19,414.14	26,330.60	8,145.24	420,072.96	10,557.18	2,609.64	1,156,225.63
<b>FD453.01 SEWER EXPANSION/ IMPACT FEE CONSTRUCTION</b>	<b>227,069.76</b>	<b>444,000.97</b>	<b>24,204.16</b>	<b>44,174.25</b>	<b>11,554.56</b>	<b>419,098.24</b>	<b>30,470.28</b>	<b>11,932.16</b>	<b>1,212,504.38</b>
B251 W&S IMPACT FEES - RESIDENTIAL	22,656.00	9,440.00	5,664.00	16,992.00	3,776.00	17,936.00	18,351.36	9,440.00	104,255.36
B252 W&S IMPACT FEES - COMMERCIAL	204,413.76	434,560.97	18,540.16	25,145.25	7,778.56	401,162.24	10,081.92	2,492.16	1,104,175.02
N963 IMPACT FEES - SEWER				2,037.00			2,037.00		4,074.00
<b>TOTAL</b>	<b>464,844</b>	<b>908,932</b>	<b>49,549.30</b>	<b>88,298</b>	<b>23,654</b>	<b>856,356</b>	<b>61,841</b>		<b>2,477,900</b>



# General Discussion and Comments

- Committee Members
- Public Comments