



Plantation Acres Improvement District

Broward County Florida

1701 NW 112th Avenue, Plantation, FL 33323

AGENDA
May 26, 2022 (MEETING CANCELED)

Call to Order 7:00 P.M.

Pledge of Allegiance

Invocation

Roll Call

Approval of Attendance of Commissioners by Social Media or Telephone

Approval of Minutes

Public Comment

Staff Reports

I. Administrator's Report

II. Attorney's Report

A. Resolution 2022 - Discussion

III. Engineer's Report

A. CONSENT ITEMS

None

B. QUASI-JUDICIAL ITEMS

The items in this section are quasi-judicial in nature. If you wish to object or comment upon any of these items, you must be sworn before addressing the Board of Commissioners, and if you wish to address the Board, you may be subject to cross-examination. If you refuse to submit to cross-examination, the Board of Commissioners will not consider what you have said in its final deliberations.

None

C. BOARD ACTION ITEMS

C1. 20-Year Stormwater Needs Analysis (D2109.01)..... Approval

D. DISCUSSION ITEMS

D1. Pump Station Number 3 Rehabilitation (D1707.01-3) Update

D2. Permit Activity (D9408.02 & D9408.03) Summary

D3. Violation Activity (D9611.01)..... Summary

IV. District Manager's Agenda

Old Business

New Business

Adjournment

Notice is hereby given to all interested parties that if any person should decide to appeal any decision made at the forthcoming meeting of the Board of Commissioners, such person will need a record of the proceedings conducted at such meeting, and for such purpose he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which any appeal may be based. Persons with disabilities requiring accommodations in order to participate should contact the District Office at (954) 474-3092 at least 48 hours in advance to request such accommodations.

ATTORNEY'S STAFF REPORT
FOR May 26, 2022 MEETING
AGENDA ITEM No.: A

Action Required: Board Discussion

Item Description: Proposed Resolution to Provide for an Amendment to Section 2.2.10 of the Plantation Acres Improvement District's Policies and Procedures Manual to Provide for Public Comment on Agenda Items

P.A.I.D. Number: N/A

Attachments: Copy of Resolution 2022-

Summary: This item is placed on the agenda for discussion and possible action.

At the April 28, 2022 meeting, there was discussion concerning the ability of the public to speak on individual agenda items. The attached resolution provides for the amendment to Section 2.2.10 of the District's Policy and Procedure manual to permit public comment on each agenda item on which the District is taking action at a District meeting. Other provisions related to permitting each member of the public to have three (3) minutes to speak on items, as well as rules to decorum and topics for discussion are included in this Resolution as well.

Recommendation: N/A

Comments: District Staff will be available to answer any questions the Board may have.

Prepared by: DNT Date: 5/12/2022

PLANTATION ACRES IMPROVEMENT DISTRICT

RESOLUTION 2022-__

RESOLUTION OF THE BOARD OF COMMISSIONERS OF THE PLANTATION ACRES IMPROVEMENT DISTRICT TO PROVIDE FOR AN AMENDMENT TO SECTION 2.2.10 OF THE PLANTATION ACRES IMPROVEMENT DISTRICT'S POLICES AND PROCEDURES MANUAL TO PROVIDE FOR PUBLIC COMMENT ON AGENDA ITEMS;; PROVIDING FOR CONFLICTS; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the Board of Commissioners of the Plantation Acres Improvement District (the "District") adopted a Policies and Procedures Manual which in part sets forth rules governing the conduct of District meetings; and

WHEREAS, the District recognizes the importance of public input and comment as part of its consideration of items on the District meeting agendas, and with respect to the general operations of the District; and

WHEREAS, in order to ensure orderly meetings, and to permit public comment on agenda items, the District hereby adopts the amendments to the District's Policies and Procedures Manual; and

WHEREAS, the District Board of Commissioners desires to amend the District's policies and procedures regarding public participation at District meetings; and

WHEREAS, the District Board of Commissioners finds that this Resolution is consistent with the District's Charter, and serves a public purpose.

NOW, THEREFORE, BE IT RESOLVED BY THE PLANTATION ACRES IMPROVEMENT DISTRICT, THAT:

Section 1. **Incorporation of Recitals.** Each "WHEREAS" clause set forth above is true and correct and herein incorporated by this reference.

Section 2. That Section 2.2.10, "Addressing the Board," of the Plantation Acres Policy and Procedures Manual is hereby amended as follows:

2.2.10 Addressing the Board

(a) Agenda Items

All proceedings and the order of business at all meetings of the Board shall be conducted in accordance with the official agenda. Any departure from the order of business set forth in the official agenda shall be made only upon majority vote of the Commissioners present at the meeting. Any citizen shall be entitled to be placed on the official agenda of a regular meeting of the Board and be heard concerning any matter within the scope of the jurisdiction of the Board. Only Commissioners may place a citizen on the official agenda.

(b) Non-Agenda Matters

Non-agenda matters shall be confirmed to items that could not be addressed in a timely manner as an agenda item at subsequent meetings or items that are informational only.

(c) Addressing Board.

Each person, other than members of the District staff; who addresses the Board shall step up to the speaker's lectern and shall give the following information in an audible tone of voice for the minutes;

- (1) Each person addressing the Board shall clearly state his/her name and address.
- (2) Members of the public may speak only at the times designated by the presiding officer. There should be no conversations among audience members during the meeting. All questions from the public to the Board shall be address through the presiding officer, and responded to at the discretion of the presiding officer. The presiding officer may designate the District Administrator, District Manager, or District Attorney to address questions. The normal practice shall be for the District Administrator, at his/her discretion, to answer questions at the meeting or in a future Administrator's report or allow the District Manager to follow up on questions and requests, and to avoid conversation between the public speaker and the Board. All comments or remarks from a member of the public shall be addressed to the Board as a body through the presiding officer, and not to

individual members of the Board, District staff, or the audience. There shall be no cross conversation or questions of any other personal nature unless specifically permitted by the presiding officer. When addressing the presiding officer or referring to members of the Board, the speaker should use the person's proper title in order to contribute to a respectful, professional, and business-like atmosphere.

(3) Public Discussion – The length of time each person may speak is limited in the interest of keeping order and conducting business at hand. Individuals will be limited to a single session of three (3) minutes speaking time during public comment, and on each agenda item on which the Board is taking action. The presiding officer may impose reasonable limitations on the total time allotted to the public participation on items and the total number of speakers during the discussion on any item. Further, the presiding officer may impose reasonable limitations on the time allotted to each speaker during discussion on any item.

(4) Topics of Discussion. Members of the public shall address only the topic being discussed as determined by the presiding officer.

~~(2)~~(5) If requested by a Commissioner, any person addressing the Board may be required to state:

- a) Whether he/she speaks for himself, a group of persons, or a third party; if the person says that he/she represents an organization, whether the view expressed by the speaker represents an established policy of the organization approved by the Board, ~~or governing council~~
- b) Whether he/she is being compensated by the person or persons for whom he/she speaks; and
- c) Whether he/she or any member of his/her immediate family has a personal financial interest in the pending matter, he/she shall limit his/her address to the time limits set by the Chairman. All remarks shall be addressed to the Board as a body and not to any Commissioner. No person, other than Commissioners and the person having the floor, shall be permitted to enter into any discussion, whether directly or through a Commissioner, without the permission of the presiding officer.

(6) Violation of Rules. Any member of the public who violates these rules may be instructed by the presiding officer to leave the public meeting. It shall be unlawful for any person to refuse to leave the room where the public meeting is being conducted when instructed to do so by the presiding officer. If the individual refuses to leave, the District Administrator may be instructed by the presiding officer to have the individual removed from the meeting by the police. Once removed, the individual shall be barred from the audience from the remainder of the meeting.

Section 4. Conflicting Resolutions. All resolutions or parts of resolutions in conflict herewith are hereby repealed to the extent of such conflict.

Section 5. Effective Date. This Resolution shall become effective immediately upon its passage and adoption.

PASSED AND ADOPTED BY THE PLANTATION ACRES IMPROVEMENT DISTRICT THIS 26th DAY OF MAY, 2022.

PLANTATION ACRES IMPROVEMENT DISTRICT

BY: _____
STEPHEN NIESET, PRESIDENT/CHAIRMAN

ENGINEER'S STAFF REPORT
FOR May 26, 2022 MEETING
AGENDA ITEM No.: C1

Action Required: Board Approval

Item Description: 20-YR Stormwater Needs Analysis

PAID Number: D2109.01

Attachments: 8.5" x 11" 20-YR Stormwater Needs Analysis Report

Summary: Our office has completed this item and will be submitting the above mentioned stormwater analysis on behalf of PAID to Broward County by June 30th, 2022.

Comments: Recommend Approval.

Prepared by: BMP Date: 5/19/2022

2022-05-19 D2109.01 20-Year Needs Analysis Staff Report.wpd

Background Information

Please provide your contact and location information, then proceed to the template on the next sheet.

Name of Local Government:	Plantation Acres Improvement District
Name of stormwater utility, if applicable:	
Contact Person	
Name:	David A. Fradley, P.E.
Position/Title:	District Engineer
Email Address:	daf@winnfrad.com
Phone Number:	954-771-7440

Indicate the Water Management District(s) in which your service area is located.

- Northwest Florida Water Management District (NFWWMD)
- Suwannee River Water Management District (SRWMD)
- St. Johns River Water Management District (SJRWMD)
- Southwest Florida Water Management District (SWFWMD)
- South Florida Water Management District (SFWMD)

Indicate the type of local government:

- Municipality
- County
- Independent Special District

Part 1.0 Detailed description of the stormwater management program (Section 403.9302(3)(a), F.S.)

The stormwater management program, as defined in the Introduction, includes those activities associated with the management, operation and maintenance, and control of stormwater and stormwater management systems, including activities required by state and federal law. The detailed program description is divided into multiple subparts consisting of narrative and data fields.

Part 1.1 Narrative Description:

Please provide a brief description of the current institutional strategy for managing stormwater in your jurisdiction. Please include any mission statement, divisions or departments dedicated solely or partly to managing stormwater, dedicated funding sources, and other information that best describes your approach to stormwater:

The Plantation Acres Improvement District (PAID) is an independent improvement district and a public corporation of the state pursuant to Chapter 2002-367, Florida Statutes. The District was created for the purposes of providing public infrastructure, services, stormwater management, the assessment, levy, and collection of taxes, non-ad valorem assessments, and fees, the operation of district facilities and services for all residents and businesses located within PAID. The District consists of approximately

On a scale of 1 to 5, with 5 being the highest, please indicate the importance of each of the following goals for your program:

0	1	2	3	4	5	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drainage & flood abatement (such as flooding events associated with rainfall and hurricanes)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water quality improvement (TMDL Process/BMAPs/other)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Reduce vulnerability to adverse impacts from flooding related to increases in frequency and duration of rainfall events, storm surge and sea level rise
						Other:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Monitor and maintain canal water levels within District boundaries.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Canals and canal bank maintenance.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pump and pumphouse operations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Part 1.2 Current Stormwater Program Activities:

Please provide answers to the following questions regarding your stormwater management program.

- Does your jurisdiction have an NPDES Municipal Separate Storm Sewer System (MS4) Permit?

If yes, is your jurisdiction regulated under Phase I or Phase II of the NPDES Program:

- Does your jurisdiction have a dedicated stormwater utility?

If no, do you have another funding mechanism?

If yes, please describe your funding mechanism.

- Does your jurisdiction have a Stormwater Master Plan or Plans?

If Yes:

How many years does the plan(s) cover?

Are there any unique features or limitations that are necessary to understand what the plan does or does not address?

An off-site positive drainage connection to a Plantation Acres Improvement District facility is required for new developments. The "South Acres" (from SW 3rd Street south to the North New River Canal) contains

Please provide a link to the most recently adopted version of the document (if it is published online):

- Does your jurisdiction have an asset management (AM) system for stormwater infrastructure?

If Yes, does it include 100% of your facilities?

If your AM includes less than 100% of your facilities, approximately what percent of your facilities are included?

● Does your stormwater management program implement the following (answer Yes/No):	
A construction sediment and erosion control program for new construction (plans review and/or inspection)?	Yes
An illicit discharge inspection and elimination program?	No
A public education program?	Yes
A program to involve the public regarding stormwater issues?	Yes
A "housekeeping" program for managing stormwater associated with vehicle maintenance yards, chemical storage, fertilizer management, etc. ?	Yes
A stormwater ordinance compliance program (<i>i.e.</i> , for low phosphorus fertilizer)?	No
Water quality or stream gage monitoring?	No
A geospatial data or other mapping system to locate stormwater infrastructure (GIS, etc.)?	Yes
A system for managing stormwater complaints?	Yes
Other specific activities?	
Storm response when needed.	

Notes or Comments on any of the above:

Part 1.3 Current Stormwater Program Operation and Maintenance Activities

Please provide answers to the following questions regarding the operation and maintenance activities undertaken by your stormwater management program.

● Does your jurisdiction typically assume maintenance responsibility for stormwater systems associated with new private development (<i>i.e.</i> , systems that are dedicated to public ownership and/or operation upon completion)?	Yes
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Notes or Comments on the above:

- Does your stormwater operation and maintenance program implement any of the following (answer Yes/No):

Routine mowing of turf associated with stormwater ponds, swales, canal/lake banks, etc. ?	Yes
Debris and trash removal from pond skimmers, inlet grates, ditches, etc. ?	Yes
Invasive plant management associated with stormwater infrastructure?	Yes
Ditch cleaning?	Yes
Sediment removal from the stormwater system (vacator trucks, other)?	Yes
Muck removal (dredging legacy pollutants from water bodies, canal, etc.)?	Yes
Street sweeping?	No
Pump and mechanical maintenance for trash pumps, flood pumps, alum injection, etc. ?	Yes
Non-structural programs like public outreach and education?	No
Other specific routine activities?	

Routine pump & pump house maintenance. Vehicle and equipment maintenance.

Part 2. Detailed description of the stormwater management system and its facilities and projects (continued Section 403.9302(3)(a), F.S.)

A stormwater management system, as defined in the Introduction, includes the entire set of site design features and structural infrastructure for collection, conveyance, storage, infiltration, treatment, and disposal of stormwater. It may include drainage improvements and measures to prevent streambank channel erosion and habitat degradation. This section asks for a summary description of your stormwater management system. It is not necessary to provide geospatial asset data or a detailed inventory. For some, it may be possible to gather the required data from your Asset Management (AM) system. For others, data may be gathered from sources such as an MS4 permit application, aerial photos, past or ongoing budget investments, water quality projects, or any other system of data storage/management that is employed by the jurisdiction.

Please provide answers to the following questions regarding your stormwater system inventory. Enter zero (0) if your system does not include the component.

	Number	Unit of Measurement
Estimated feet or miles of buried culvert:	8.20	Miles
Estimated feet or miles of open ditches/conveyances (lined and unlined) that are maintained by the stormwater program:	57.80	Miles
Estimated number of storage or treatment basins (<i>i.e.</i> , wet or dry ponds):	50	
Estimated number of gross pollutant separators including engineered sediment traps such as baffle boxes, hydrodynamic separators, <i>etc.</i> :	0	
Number of chemical treatment systems (<i>e.g.</i> , alum or polymer injection):	0	
Number of stormwater pump stations:	6	
Number of dynamic water level control structures (<i>e.g.</i> , operable gates and weirs that control canal water levels):	6	
Number of stormwater treatment wetland systems:	0	
Other:		
Drainage Structures	670	Each
Headwalls/Endwalls	263	Each
East-West canals	5.7	miles
North-South canals	4.1	miles
Connected Water Surfaces (ponds, canals, lakes)	0.02	sq. mi.

Notes or Comments on any of the above:

Privates swales are not included in the count above - only road and canal swales.

Which of the following green infrastructure best management practices do you use to manage water flow and/or improve water quality (answer Yes/No):

Best Management Practice	Current	Planned
Tree boxes	No	No
Rain gardens	No	No
Green roofs	No	No
Pervious pavement/pavers	No	No
Littoral zone plantings	No	No
Living shorelines	No	No

Other Best Management Practices:

NPDES/NOI	Yes	Yes

Please indicate which resources or documents you used when answering these questions (check all that apply).

- Asset management system
- GIS program
- MS4 permit application
- Aerial photos
- Past or ongoing budget investments
- Water quality projects

Other(s):

GIS program marked above is 'Read Only'.

Part 3. The number of current and projected residents served calculated in 5-year increments (Section 403.9302(3)(b), F.S.)

Counties and municipalities: Instead of requiring separate population projections, EDR will calculate the appropriate population estimates for each municipality or the unincorporated area of the county. If your service area is less than or more than your local government's population, please describe in the first text box provided below for part 4.0.

Independent Special Districts:

If an independent special district's boundaries are completely aligned with a county or a municipality, identify that jurisdiction here:

Any independent special district whose boundaries do not coincide with a county or municipality must submit a GIS shapefile with the current and projected service area. EDR will calculate the appropriate population estimates based on that map. Submission of this shapefile also serves to complete Part 4.0 of this template.

Part 4.0 The current and projected service area for the stormwater management program or stormwater management system (Section 403.9302(3)(c), F.S.)

Rather than providing detailed legal descriptions or maps, this part of the template is exception-based. In this regard, if the stormwater service area is less than or extends beyond the geographic limits of your jurisdiction, please explain.

N/A. Service area is NOT less than or does NOT extend beyond the geographical limits of our jurisdiction.

Similarly, if your service area is expected to change within the 20-year horizon, please describe the changes (e.g., the expiration of an interlocal agreement, introduction of an independent special district, etc.).

N/A. At this time, the service area is NOT expected to change within the 20-year horizon.

[Proceed to Part 5](#)

Part 5.0 The current and projected cost of providing services calculated in 5-year increments (Section 403.9302(3)(d), F.S.)

Given the volume of services, jurisdictions should use the template’s service groupings rather than reporting the current and projected cost of each individual service. Therefore, for the purposes of this document, “services” means:

1. Routine operation and maintenance (inclusive of the items listed in Part 1.3 of this document, ongoing administration, and non-structural programs)
2. Expansion (that is, improvement) of a stormwater management system.

Expansion means new work, new projects, retrofitting, and significant upgrades. Within the template, there are four categories of expansion projects.

1. Flood protection, addressed in parts 5.2 and 5.3... this includes capital projects intended for flood protection/flood abatement
2. Water quality, addressed in part 5.2 and 5.3... this includes stormwater projects related to water quality improvement, such as BMAPs; projects to benefit natural systems through restoration or enhancement; and stormwater initiatives that are part of aquifer recharge projects
3. Resiliency, addressed in part 5.4... this includes all major stormwater initiatives that are developed specifically to address the effects of climate change, such as sea level rise and increased flood events
4. End of useful life replacement projects, addressed in part 6.0... this includes major expenses associated with the replacement of aging infrastructure

While numbers 3 and 4 have components that would otherwise fit into the first two categories, they are separately treated given their overall importance to the Legislature and other policymakers.

Expansion projects are further characterized as currently having either a committed funding source or no identified funding source. Examples of a committed funding source include the capacity to absorb the project’s capital cost within current budget levels or forecasted revenue growth; financing that is underway or anticipated (bond or loan); known state or federal funding (appropriation or grant); special assessment; or dedicated cash reserves for future expenditure.

All answers should be based on local fiscal years (LFY, beginning October 1 and running through September 30). Please use nominal dollars for each year, but include any expected cost increases for inflation or population growth. Please check the EDR website for optional growth rate schedules that may be helpful.

If you have more than 5 projects in a particular category, please use the "Additional Projects" tab. There, you can use dropdown lists to choose the project category and whether there is a committed funding source, then enter the project name and expenditure amounts.

Part 5.1 Routine Operation and Maintenance

Please complete the table below, indicating the cost of operation and maintenance activities for the current year and subsequent five-year increments throughout the 20-year horizon. Your response to this part should exclude future initiatives associated with resiliency or major expenses associated with the replacement of aging infrastructure; these activities are addressed in subparts 5.4 and 6.0. However, do include non-structural programs like public outreach and education in this category.

If specific cost data is not yet available for the current year, the most recent (2020-21) O&M value can be input into the optional growth rate schedules (available on EDR’s website as an Excel workbook). The most recent O&M value can be grown using the provided options for inflation, population growth, or some other metric of your choosing. If the growth in your projected total O&M costs is more than 15% over any five-year increment, please provide a brief explanation of the major drivers.

Routine Operation and Maintenance	Expenditures (in \$thousands)				
	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
Operation and Maintenance Costs	738,285	5,452,436	6,109,309	6,878,748	7,744,500
Brief description of growth greater than 15% over any 5-year period:					
N/A					

Part 5.2 Future Expansion (Committed Funding Source)

Please list expansion projects and their associated costs for the current year and subsequent five-year increments throughout the 20-year planning horizon. In this section, include stormwater system expansion projects or portions of projects with a committed funding source. If you include a portion of a project that is not fully funded, the project’s remaining cost must be included in part 5.3, Expansion Projects with No Identified Funding Source.

Though many, if not most, stormwater projects benefit both flood protection and water quality, please use your best judgment to either allocate costs or simply select the primary purpose from the two categories below.

5.2.1 Flood Protection (Committed Funding Source): Provide a list of all scheduled new work, retrofitting and upgrades related to flood protection/flood abatement. Include infrastructure such as storage basins, piping and other conveyances, land purchases for stormwater projects, etc . Also include major hardware purchases such as vactor/jet trucks.

5.2.2 Water Quality Projects (Committed Funding Source): Please provide a list of scheduled water quality projects in your jurisdiction, such as treatment basins, alum injection systems, green infrastructure, water quality retrofits, etc., that have a direct stormwater component. The projected expenditures should reflect only those costs.

- If you are party to an adopted BMAP, please include the capital projects associated with stormwater in this table. Include BMAP project number, cost to your jurisdiction, and year(s) that capital improvement costs are to be incurred. For reference, DEP publishes a complete list of adopted BMAP projects as an appendix in their Annual STAR Report.

Expansion Projects with a Committed Funding Source

5.2.1 Flood Protection

Expenditures (in \$thousands)

Project Name	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
N/A					

5.2.2 Water Quality

Expenditures (in \$thousands)

Project Name (or, if applicable, BMAP Project Number or ProjID)	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
N/A					

Part 5.3 Future Expansion with No Identified Funding Source

Please provide a list of known expansion projects or anticipated need(s) without formal funding commitments(s), formal pledges, or obligations. If you included a portion of a project that was partially covered by a committed source in part 5.2 above, list the projects and their remaining costs below.

5.3.1 Future Flood Protection with No Identified Funding Source: Please provide a list of future flood protection/flood abatement projects, associated land purchases, or major hardware purchases that are needed in your jurisdiction over the next 20 years. Future needs may be based on Master Plans, Comprehensive Plan Elements, Water Control Plans, areas of frequent flooding, hydrologic and hydraulic modeling, public safety, increased frequency of maintenance, desired level of service, flooding complaints, etc.

5.3.2 Future Water Quality Projects with no Identified Funding Source: Please provide a list of future stormwater projects needed in your jurisdiction over the next 20 years that are primarily related to water quality issues. Future needs may be based on proximity to impaired waters or waters with total maximum daily loads (TMDLs), BMAPs, state adopted Restoration Plans, Alternative Restoration Plans, or other local water quality needs.

- If you are party to an adopted BMAP, please list capital projects associated with stormwater. Include BMAP project number, cost to your jurisdiction, and year(s) that capital improvement costs are to be incurred.
- List other future water quality projects, including those in support of local water quality goals as well as those identified in proposed (but not yet adopted) BMAPs.

Expansion Projects with No Identified Funding Source

5.3.1 Flood Protection

Expenditures (in \$thousands)

Project Name	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
Stormwater Master Improvements Plan	0	2,000,000	2,150,000	2,300,000	2,450,000
Culvert restoration paved roads	0	75,000	90,000	105,000	120,000

5.3.2 Water Quality

Expenditures (in \$thousands)

Project Name (or, if applicable, BMAP Project Number or ProjID)	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
N/A					

Please indicate which resources or documents you used to complete table 5.3 (check all that apply).

- Stormwater Master Plan
 - Basin Studies or Engineering Reports
 - Adopted BMAP
 - Adopted Total Maximum Daily Load
 - Regional or Basin-specific Water Quality Improvement Plan or Restoration Plan
- Specify:
- Other(s):

Part 5.4 Stormwater projects that are part of resiliency initiatives related to climate change

Please list any stormwater infrastructure relocation or modification projects and new capital investments specifically needed due to sea level rise, increased flood events, or other adverse effects of climate change. When aggregating, include O&M costs for these future resiliency projects and investments in this table (not in part 5.1). If your jurisdiction participates in a Local Mitigation Strategy (LMS), also include the expenditures associated with your stormwater management system in this category (for example, costs identified on an LMS project list).

Resiliency Projects with a Committed Funding Source		Expenditures (in \$thousands)			
Project Name	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
N/A					

Resiliency Projects with No Identified Funding Source		Expenditures (in \$thousands)			
Project Name	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
N/A					

- Has a vulnerability assessment been completed for your jurisdiction’s storm water system?
 - If no, how many facilities have been assessed?
- Does your jurisdiction have a long-range resiliency plan of 20 years or more?
 - If yes, please provide a link if available:
 - If no, is a planning effort currently underway?

Part 6.0 The estimated remaining useful life of each facility or its major components (Section 403.9302(3)(e), F.S.)

Rather than reporting the exact number of useful years remaining for individual components, this section is constructed to focus on infrastructure components that are targeted for replacement and will be major expenses within the 20-year time horizon. Major replacements include culverts and pipe networks, control structures, pump stations, physical/biological filter media, etc. Further, the costs of retrofitting when used in lieu of replacement (such as slip lining) should be included in this part. Finally, for the purposes of this document, it is assumed that open storage and conveyance systems are maintained (as opposed to replaced) and have an unlimited service life.

In order to distinguish between routine maintenance projects and the replacement projects to be included in this part, only major expenses are included here. A major expense is defined as any single replacement project greater than 5% of the jurisdiction's total O&M expenditures over the most recent five-year period (such as a project in late 2021 costing more than 5% of the O&M expenditures for fiscal years 2016-2017 to 2020-2021).

If you have more than 5 projects in a particular category, please use the "Additional Projects" tab. There, you can use dropdown lists to choose the project category and whether there is a committed funding source, then enter the project name and expenditure amounts.

End of Useful Life Replacement Projects with a Committed Funding Source

Expenditures (in \$thousands)

Project Name	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
Pump Station Improvements (Pump No. 3)	376,366	0	0	0	0
Pump Station Improvements (Pump No. 2)	0	383,893	0	0	0
Pump Station Improvements (Pump No. 1)	0	391,570	0	0	0
Pump Station Improvements (Pump No. 4)	0	399,401	0	0	0
Pump Station Improvements (Pump No. 5)	0	407,389	0	0	0

End of Useful Life Replacement Projects with No Identified Funding Source

Expenditures (in \$thousands)

Project Name	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
N/A					

Part 7.0 The most recent 5-year history of annual contributions to, expenditures from, and balances of any capital account for maintenance or expansion of any facility or its major components. (Section 403.9302(3)(f), F.S.)

This part of the template also addresses a portion of s. 403.9302(3)(g), F.S., by including historical expenditures. Many local governments refer to these as “actual” expenditures.

Consistent with expenditure projections, the jurisdiction’s actual expenditures are categorized into routine O&M, expansion, resiliency projects, and replacement of aging infrastructure. Additionally, the table includes space for reserve accounts. EDR’s interpretation of subparagraph 403.9302(3)(f), F.S., is that “capital account” refers to any reserve account developed specifically to cover future expenditures.

Note that for this table:

- Expenditures for local fiscal year 2020-21 can be estimated based on the most current information if final data is not yet available.
- Current Year Revenues include tax and fee collections budgeted for that fiscal year as well as unexpended balances from the prior year (balance forward or carry-over) unless they are earmarked for the rainy day or a dedicated reserve as explained in the following bullets.
- Bond proceeds should reflect only the amount expended in the given year.
- A reserve is a dedicated account to accumulate funds for a specific future expenditure.
- An all-purpose rainy day fund is a type of working capital fund typically used to address costs associated with emergencies or unplanned events.

The sum of the values reported in the "Funding Sources for Actual Expenditures" columns should equal the total "Actual Expenditures" amount. The cells in the "Funding Sources for Actual Expenditures" section will be highlighted red if their sum does not equal the "Actual Expenditures" total.

If you do not have a formal reserve dedicated to your stormwater system, please enter zero for the final two reserve columns.

Routine O&M

	Total	Funding Sources for Actual Expenditures				Contributions to Reserve Account	Balance of Reserve Account
	Actual Expenditures	Amount Drawn from Current Year Revenues	Amount Drawn from Bond Proceeds	Amount Drawn from Dedicated Reserve	Amount Drawn from All-Purpose Rainy Day Fund		
2016-17	1,026,834	1,026,834	0	0	0	0	0
2017-18	844,948	844,948	0	0	0	0	0
2018-19	765,332	765,332	0	0	0	0	0
2019-20	821,131	821,131	0	0	0	0	0
2020-21	995,442	995,442	0	0	0	0	0

Expansion

	Total	Funding Sources for Actual Expenditures				Contributions to Reserve Account	Balance of Reserve Account
	Actual Expenditures	Amount Drawn from Current Year Revenues	Amount Drawn from Bond Proceeds	Amount Drawn from Dedicated Reserve	Amount Drawn from All-Purpose Rainy Day Fund		
2016-17	0	0	0	0	0	0	0
2017-18	0	0	0	0	0	0	0
2018-19	453,271	453,271	0	0	0	0	0
2019-20	32,515	32,515	0	0	0	0	0
2020-21	0	0	0	0	0	0	0

Resiliency

	Total	Funding Sources for Actual Expenditures				Contributions to Reserve Account	Balance of Reserve Account
	Actual Expenditures	Amount Drawn from Current Year Revenues	Amount Drawn from Bond Proceeds	Amount Drawn from Dedicated Reserve	Amount Drawn from All-Purpose Rainy Day Fund		
2016-17						0	0
2017-18						0	0
2018-19						0	0
2019-20						0	0
2020-21						0	0

Replacement of Aging Infrastructure

	Total	Funding Sources for Actual Expenditures				Contributions to Reserve Account	Balance of Reserve Account
	Actual Expenditures	Amount Drawn from Current Year Revenues	Amount Drawn from Bond Proceeds	Amount Drawn from Dedicated Reserve	Amount Drawn from All-Purpose Rainy Day Fund		
2016-17						0	0
2017-18						0	0
2018-19						0	0
2019-20						0	0
2020-21						0	0

Part 8.0 The local government's plan to fund the maintenance or expansion of any facility or its major components. The plan must include historical and estimated future revenues and expenditures with an evaluation of how the local government expects to close any projected funding gap (Section 403.9302(3)(g), F.S.)

In this template, the historical data deemed necessary to comply with s. 403.9302(3)(g), F.S., was included in part 7.0. This part is forward looking and includes a funding gap calculation. The first two tables will be auto-filled from the data you reported in prior tables. To do this, EDR will rely on this template's working definition of projects with committed funding sources, *i.e.*, EDR assumes that all committed projects have committed revenues. Those projects with no identified funding source are considered to be unfunded. EDR has automated the calculation of projected funding gaps based on these assumptions.

Committed Funding Source	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
Maintenance	5,452,436	6,109,309	6,878,748	7,744,500
Expansion	0	0	0	0
Resiliency	0	0	0	0
Replacement/Aging Infrastructure	1,997,789	0	0	0
Total Committed Revenues (=Total Committed Projects)	7,450,225	6,109,309	6,878,748	7,744,500

No Identified Funding Source	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
Maintenance	0	0	0	0
Expansion	2,075,000	2,240,000	2,405,000	2,570,000
Resiliency	0	0	0	0
Replacement/Aging Infrastructure	0	0	0	0
Projected Funding Gap (=Total Non-Committed Needs)	2,075,000	2,240,000	2,405,000	2,570,000

For any specific strategies that will close or lessen a projected funding gap, please list them in the table below. For each strategy, also include the expected new revenue within the five-year increments.

Strategies for New Funding Sources	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
Reduce Routine O&M and Administration Expenses	75,000	75,000	75,000	75,000
Raise Non Advalorem Special Assessment Tax	50,000	50,000	50,000	50,000
Increase District Permit Review Fees	0	25,000	35,000	45,000
Total	125,000	150,000	160,000	170,000
Remaining Unfunded Needs	1,950,000	2,090,000	2,245,000	2,400,000

Project & Type Information			Expenditures (in \$thousands)				
Project Type (Choose from dropdown list)	Funding Source Type (Choose from dropdown list)	Project Name	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42

Project & Type Information			Expenditures (in \$thousands)				
Project Type (Choose from dropdown list)	Funding Source Type (Choose from dropdown list)	Project Name	LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42

Project & Type Information			Expenditures				
Project Type	Funding Source Type		LFY 2021-2022	2022-23 to 2026-27	2027-28 to 2031-32	2032-33 to 2036-37	2037-38 to 2041-42
Expansion Projects, Flood Protection	Committed Funding Source	Aggregated Total	0	0	0	0	0
Expansion Projects, Water Quality	Committed Funding Source	Aggregated Total	0	0	0	0	0
Resiliency Projects	Committed Funding Source	Aggregated Total	0	0	0	0	0
End of Useful Life Replacement Projects	Committed Funding Source	Aggregated Total	0	415,536	0	0	0
Expansion Projects, Flood Protection	No Identified Funding Source	Aggregated Total	0	0	0	0	0
Expansion Projects, Water Quality	No Identified Funding Source	Aggregated Total	0	0	0	0	0
Resiliency Projects	No Identified Funding Source	Aggregated Total	0	0	0	0	0
End of Useful Life Replacement Projects	No Identified Funding Source	Aggregated Total	0	0	0	0	0
Total of Projects without Project Type and/or Funding Source Type			0	0	0	0	0

ENGINEER'S STAFF REPORT
FOR May 26, 2022 MEETING
AGENDA ITEM No.: D1

Action Required: Status Update

Item Description: Pump Station Number 3 Rehabilitation

PAID Number: D1707.01-3

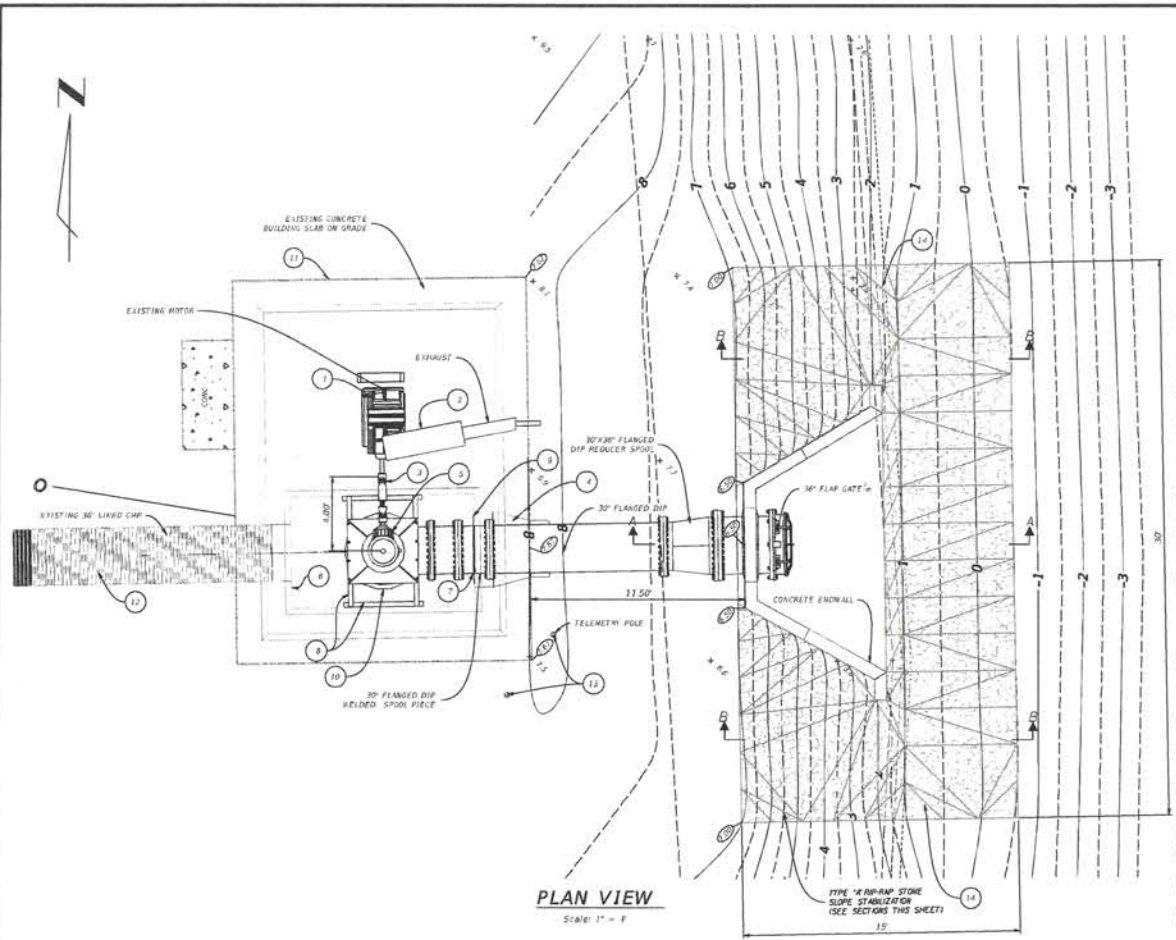
Attachments: 11" x 17" Pump 3 Rehabilitation Section

Summary: Our office has been in communication weekly with the contractor. Due to an international material shortage of large diameter ductile iron pipe, the construction start date continues to be delayed.

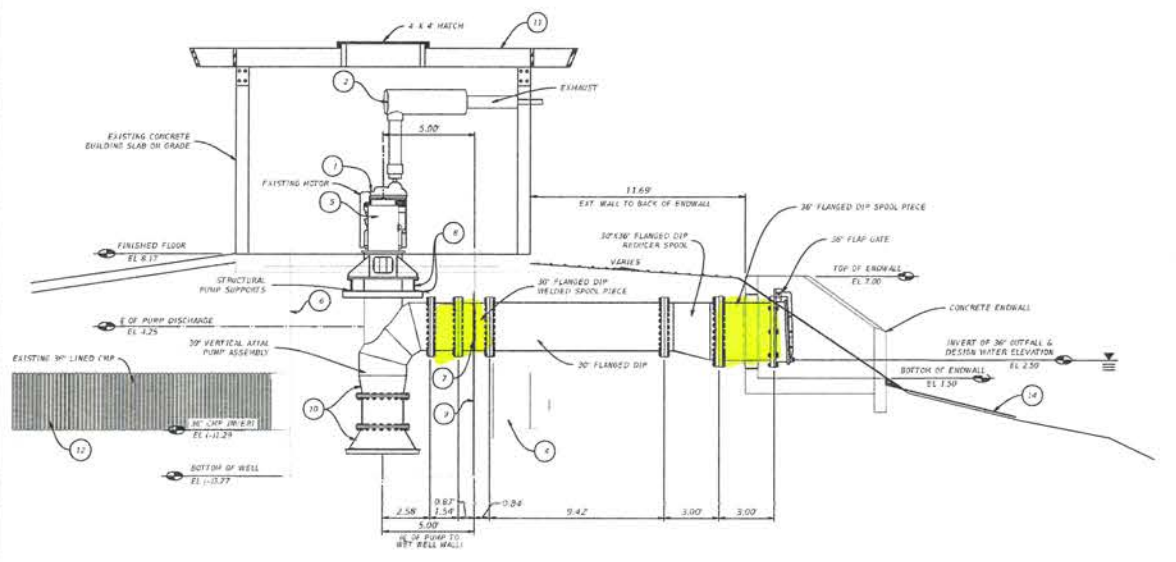
Currently, two pieces of pipe necessary to start construction will not go into production until the week of July 18th, 2022. With two weeks for production and paint and an estimated week of shipping, it is anticipated receiving these items in mid August. The pump itself will be ready by the second week of June along with other materials; however, the contractor will not be able to start construction without these two pieces. Our office will continue to monitor this and stay in communication weekly with the contractor as we have been.

Prepared by: BMP Date: 5/19/2022

2022-05-19 PAID Pump No 3 Staff Report.wpd



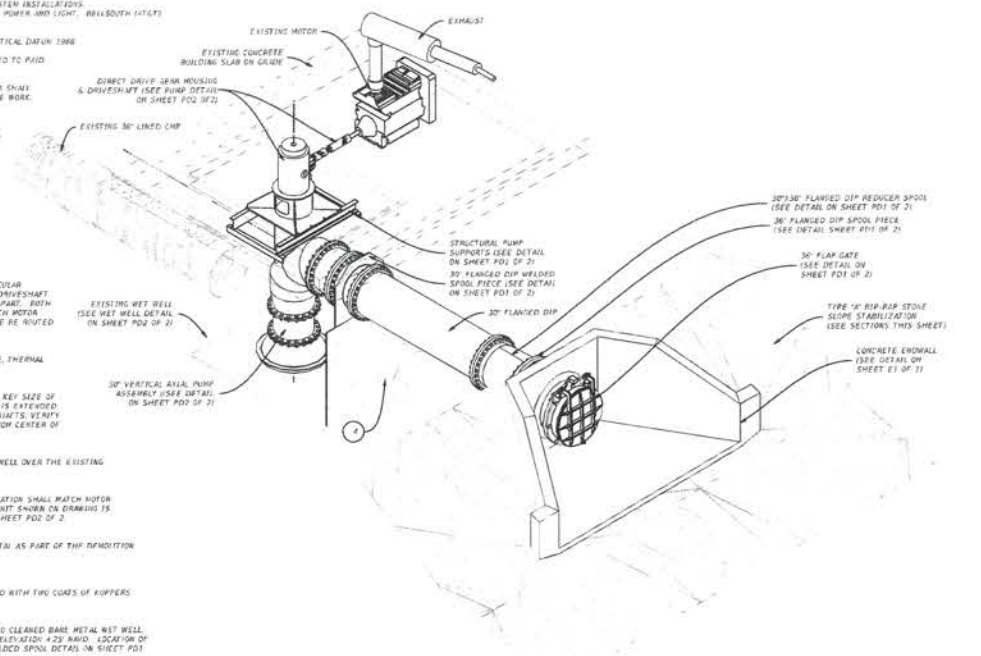
PLAN VIEW
Scale: 1" = 8'



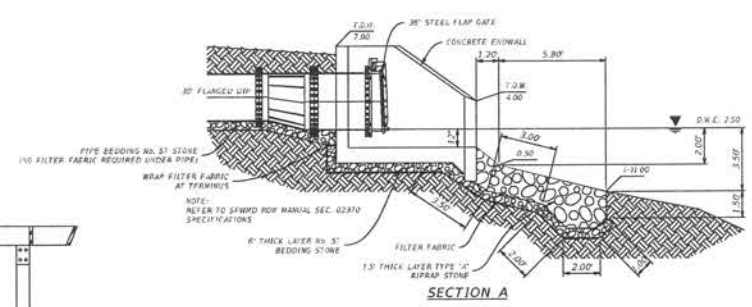
ELEVATIONS
Scale: 1" = 4'

- GENERAL NOTES**
- CONTRACTOR TO NOTIFY UTILITY COMPANIES PRIOR TO DRAINAGE SYSTEM INSTALLATIONS. UNDESIRABLE UTILITIES TO INCLUDE BUT NOT LIMITED TO: CROWN POWER AND LIGHT, PUBLIC SOUTH UTILITIES, CABLE AND PLANTATION UTILITIES.
 - ALL ELEVATIONS SHOWN HEREON ARE IN THE NORTH AMERICAN VERTICAL DATUM 1988.
 - ANY EQUIPMENT REMOVED FROM PUMP STATIONS SHALL BE RETURNED TO FIELD HEADQUARTERS UNLESS OTHERWISE REQUESTED BY DISTRICT.
 - ANY DAMAGE TO THE EXISTING CANAL BANK AND SURROUNDING AREA SHALL BE REPAIRED AND STABILIZED WITH 500 POUNDS TO COMPLETION OF THE WORK.
 - NO DUMPING OF MATERIALS WILL BE ALLOWED IN THE CANAL.
 - NO INVASIVE STOCKPILING OF MATERIALS WILL BE ALLOWED ON-SITE.
 - NO HEAVY EQUIPMENT SHALL BE ALLOWED TO OPERATE ON THE NORTH SIDE OF THE PUMP STATION DUE TO EXISTING BURIED GAS HOLDING TANKS AND EXISTING UTILITIES.
 - ANY DAMAGE TO THE PUMP HOUSE STRUCTURE, ROOF, OR FOUNDATION SHALL BE REPAIRED BY THE CONTRACTOR PRIOR TO COMPLETION OF THE WORK.

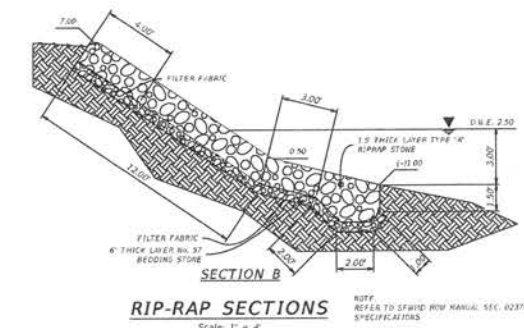
- KEY TO NOTES ON DRAWING**
- MINOR CIRCULAR 1200HP PROpane GAS ENGINE TO BE PERPENDICULAR TO WET WELL AND CENTERED ON NEW PUMP CENTERLINE. MOTOR DRIVESHAFT SHALL ALSO VERTICALLY WITH PUMP DRIVE SHAFT AND BE 4.00 APART. BOTH SHAFTS SHOWN BY APPROXIMATELY 1/2" ABOVE FLOOR. RE-ATTACH MOTOR SUPPORTS. ALL EXISTING ELECTRICAL AND GAS UTILITIES SHALL BE RE-ROUTED TO NEW ENGINE LOCATION AND CONNECTED.
 - INSTALL NEW HOSPITAL GRADE EXHAUST HUFFLER, EXHAUST PIPE, THERMAL WRAP, AND ANCHORS INSIDE REDUCER 30-42 (28A).
 - PROVIDE DRIVESHAFT TO ACCOMMODATE THE SHAFT DIAMETER AND KEY SIZE OF BOTH THE GEAR DRIVE AND MOTOR SHAFTS. DRIVESHAFT SHOWN IS EXTENDED TO 2'-00" AND IS INTENDED FOR A 20" SHAFT. (SEE PUMP DETAILS, KEYWAY SHAFT AND KEY SIZES AND GEAR DRIVE SHAFT END DISTANCE FROM CENTER OF PUMP. SEE DRIVESHAFT DETAIL ON SHEET P02 OF 2).
 - AFTER THE STEEL PLATE HAS BEEN INSTALLED INSIDE THE WET WELL OVER THE EXISTING OUTFALL OPENING, THIS EXISTING REDUCER SHALL BE FILLED.
 - INSTALL DIRECT DRIVE UNIT AND BASE. SHAFT CENTERLINE ELEVATION SHALL MATCH MOTOR SHAFT CENTERLINE ELEVATION AT 1.25' ABOVE THE FLOOR. THE UNIT SHALL BE DRAWING IS A DRAIN HOOD DIRECT DRIVE GEAR. SEE THE PUMP DETAIL ON SHEET P02 OF 2.
 - SP-11 WET WELL TO BE REPAIRED AND RECONDITIONED TO MATCH WITH AS PART OF THIS DEFINITION FOLLOWING THE INSTALLATION OF THE WELDED COMPONENTS:
 - WELDED SPOOL PIECE
 - PLATE OVER EXISTING METAL OPENING AND
 - PUMP SUPPORT ANGLES AND CHANNELS.
 THE WET WELL WALLS AND WELDED COMPONENTS SHALL BE COATED WITH TWO COATS OF RIPPERS PAINT. SEE NOTES ON SHEET 001 OF 2.
 - CUT 40" HOLE IN WET WELL AND WELD 20" WELDED SPOOL PIECE TO CLEANED BARE METAL WET WELL. SET CENTER OF SPOOL 2'-0" FROM NORTH WET WELL WALL AND AT ELEVATION +2.50. LOCATION OF ALL STEEL COMPONENTS ARE DEPENDENT ON THIS ITEM. SEE WELDED SPOOL DETAIL ON SHEET P02 OF 2 AND WET WELL DETAIL ON SHEET P02 OF 2.
 - WELD 180°/180° SUPPORT ANGLE TO CLEANED BARE METAL WET WELL WELD NEEDED SUPPORT CHANNELS TO SUPPORT ANGLES. SEE PUMP SUPPORTS DETAIL ON SHEET P02 OF 2.
 - WELD STEEL PLATE OVER EXISTING 40" OPENING TO CLEANED BARE METAL WET WELL. SEE WET WELL DETAIL ON SHEET P02 OF 2.
 - INSTALL 30" VERTICAL ASIAL DRAINAGE PUMP THROUGH ROOF HATCH. PUMP WELL MUST BE REMOVED FOR PUMP TO FIT THROUGH HATCH. SEE PUMP DETAIL ON SHEET P02 OF 2.
 - EXISTING CHU PUMP STATION HOUSE AND TIMBER FRAME FLAT ROOF TO REMAIN.
 - EXISTING 30" LINED CANAL INTAKES TO REMAIN.
 - RELOCATE TELEMETRY POLE AND FACILITIES TO NEW LOCATION TO THE SOUTH SIDE OF THE BUILDING AND RE-ATTACH ALL CABLES.
 - INSTALL TYPE 'A' RIP-RAP BANK STABILIZATION APPROXIMATELY 30' WIDE BY 10' DEEP. SEE SECTIONS IN THIS SHEET.



ISOMETRIC VIEW
Scale: 1" = 4'



SECTION A



RIP-RAP SECTIONS
Scale: 1" = 4'

WINNINGHAM & FRADLEY, INC.
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PUMP STATION 3 REHABILITATION
PLANTATION ACRES IMPROVEMENT DISTRICT

REHABILITATION
PLAN, ELEVATIONS, & SECTIONS

PUBLISHED 5/6/2024 BY
PROJECT NUMBER: D1707.01 SHEET
PSR1 OF 1



BID SET (FOR BIDDING PURPOSE ONLY)

ENGINEER'S STAFF REPORT
FOR May 26, 2022 MEETING
AGENDA ITEM No.: D2

Action Required: Discussion

Item Description: Permit Activity Summary

P.A.I.D. Number: D9408.02 & D9408.03

Attachments: None

Summary: Approved Building Permits

<u>No.</u>	<u>Name</u>	<u>Address</u>	<u>PAID No.</u>
1.	Mitchell (Wooden Platform)	11801 NW 27 th Court	B8804.03
2.	Florez (Fence)	12300 NW 21 st Court	B8702.03
3.	Russo (House)	1601 NW 114 th Terrace	B2012.03
4.	Russo (House/Demo)	1580 NW 115 th Terrace	B2012.02
5.	Arteaga (Clearing)	12101 NW 27 th Court	B2204.03
6.	Pesantes (Pool Deck Pavers)	12030 NW 20 th Court	B8607.01
7.	Kissinger (Generator)	12261 SW 2 nd Street	B0409.01
8.	Wasserman (Swale Maintenance)	11421 NW 27 th Court	B1804.02
9.	Jacobs (Pool)	12100 NW 8 th Street	B0202.09
10.	Crafted Homes LLC (House Revisions)	11861 NW 9 th Street	B1209.01
11.	Gayle (Fill)	11860 NW 4 th Street	B0108.09
12.	Delpe (House Revisions)	12300 NW 5 th Street	B1707.02
13.	Mulye (Fence)	11890 NW 4 th Street	B0108.03

Summary: Approved Certificates of Occupancy

1.	Asurion Financial (House C.O.)	11911 NW 2 nd Court	B1707.01
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Prepared by: HMS Date: 05/18/2022

ENGINEER'S STAFF REPORT
FOR May 26, 2022 MEETING
AGENDA ITEM No.: D3

Action Required: Discussion

Item Description: Notices of Violation
Summary

P.A.I.D. Number: D9611.01

Attachments: None

Summary: The following is a summary of the existing violations.

Name	Address	Violation	Status
ALVARADO	11431 NW 23 RD STREET	CONSTRUCTION W/O PERMIT	NOTIFIED
ARTEAGA	12101 NW 27 TH COURT	CLEARING W/O PERMIT	COMPLIED

Prepared by: HMS Date: 05/19/2022

J:\PAID\Projects (D)\1996\D9611.01-Violation Summary\WP\2022-05-26 D4. Nov Activity.wpd