



CITY COMMISSION MEETING CITY OF ST. PETE BEACH

155 Corey Avenue
St. Pete Beach, FL 33706

Tuesday, March 7, 2023
6:00 PM

Call to Order
Pledge of Allegiance
Roll Call

REGULAR MEETING

1. Approval of the Agenda -

Action Request: Motion to approve the March 7, 2023 City Commission Agenda.

2. Audience Comments -

Public participation is encouraged. If you wish to address the City Commission, please fill out a speaker's card and provide it to the City Clerk. Once you are called, please come to the podium and state your name and address for the record. Comments shall be limited to 3 minutes and shall be limited to non-public hearing items on the agenda. Public comment on agenda items will be allowed when that item is called. If you plan to make a presentation as part of your public comment, the presentation must be provided to the City Clerk 24- hours in advance of the meeting.

3. Consent -

a. Request authorization of expenditures of \$81,184.31 under the continuing engineering services contract with Halff Associates, Inc. for 36th Avenue Eastern Terminus Seawall Repair Design.

b. Emergency Sewer Line Point Repair at Boca Ciega Drive & 75th Avenue as a result of damaged caused by PSTA's contractor

4. Resolutions -

a. Resolution 2023-01: Wastewater Asset Management Plan

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, IMPLEMENTING AN ASSET MANAGEMENT PLAN TO PROMOTE THE LONG TERM SUSTAINABILITY OF THE WASTEWATER COLLECTION SYSTEM; AND

PROVIDING FOR AN EFFECTIVE DATE.

Action Request: Motion to adopt Resolution 2023-01.

5. Items for Discussion -

a. Electric Vehicle Charging Policy

Discussion on Electric Vehicle Charging Policy for the City of St. Pete Beach.

6. City Clerk, City Manager, City Attorney and City Commission Reports -

7. Adjournment -

APPEAL: In accordance with 286.0105, Florida Statute (Notices of meetings and hearings must advise that a record is required to appeal), if a person decides to appeal any decision made by this committee, board, agency, or commission with respect to any matter considered at this meeting or hearing, he or she will need a record of the proceedings, and that, 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 the appeal is to be based.

AMERICANS WITH DISABILITIES ACT (ADA): In accordance with the Americans with Disabilities Act and Florida Statutes, if any person with a disability defined by the ADA needs special accommodation to participate in this proceeding, then not later than two business days prior to the proceeding, he or she should contact City Hall at (727) 367-2735.

PUBLIC COMMENT INSTRUCTIONS FOR THOSE NOT PHYSICALLY PRESENT:

The City has made accommodations for those who cannot be physically present, or do not feel comfortable appearing in person, due to COVID-19. If a member of the public would like to provide comments for the meetings, they may do so in the following ways:

- Email the City Clerk by 5:00 p.m. on the day of the meeting at cityclerk@stpetebeach.org
- Leave a voicemail message by calling **727.363.9225** by 1:00 p.m. the day of the meeting
- Upload or submit a video or audio file online by 1:00 p.m. the day of the meeting at <https://www.stpetebeach.org/PublicComment>

In your three (3) minute or less comment, please be sure to include your name and address for the record.

The public is cordially invited to attend this meeting.

All agenda material is available for review at City Hall or www.stpetebeach.org.

CITY COMMISSION MEETING CITY OF ST. PETE BEACH

Agenda Report

Action Request: Request authorization of expenditures of \$81,184.31 under the continuing engineering services contract with Halff Associates, Inc. for 36th Avenue Eastern Terminus Seawall Repair Design.

Strategic Objective: Resiliency: Seawall Improvements

Date: March 7, 2023

Prepared By: Mike Clarke, Public Works Director

Through: Alex Rey, City Manager

Summary of Issue: The City requested a task order from Halff Associates, Inc. to prepare design documents for the replacement of the seawall and stormwater infrastructure at the eastern terminus of 36th Avenue in the Don CeSar Place neighborhood. This seawall is prioritized for replacement by the Citywide Seawall Evaluation and Masterplan, which calls for significant repairs to the cap, tiebacks, and seawall panels. In lieu of these extensive repairs and to enhance the resiliency of the Don CeSar, we are proposing the complete removal of this wall and reconstruction using living shoreline concepts for improved resiliency and sustainability of the shoreline.

Concepts to be considered during design include the placement of rip-rap wave breaks, vegetation planting, and overall hardening of the seawall face to work with the natural ecosystem rather than against it.

Funding: Fund: Capital
Account: 301.8000.590.0061 (Don CeSar Neighborhood Resiliency)
Current available budget: \$780,000. This is one of the projects being advanced by the resiliency fund.

Attachments:

1. Task Order from Halff Associates, Inc.
2. Award Analysis



January 31, 2023

Mr. Brett E. Warner, PE
Assistant Public Works Director
Public Works Department
City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, FL 33706

**RE: 36th Avenue Eastern Terminus Seawall Repair (TO #2023-02)
St. Pete Beach, Florida**

Dear Mr. Warner:

Halff Associates, Inc. (Halff) is pleased to submit Task Order #2023.02 to provide the City of St. Pete Beach (CLIENT) with professional engineering services to prepare design drawings, technical specifications, permitting applications and bid phase services for the 36th Avenue Eastern Terminus Seawall Repair. These services and scope will be in compliance with our Continuing Services Contract for Professional Design Services dated January 12, 2021.

To assist with this task Halff will be retaining:

1. KME Corporation – Structural
2. Dennis Benham – Topographic Survey
3. Arehna - Geotechnical

Please review, sign, and return the attached to me.

Sincerely,

Halff Associates, Inc.

A handwritten signature in blue ink that reads "H. Phillip Keyes".

H. Phillip Keyes, PE
Vice President, Public Infrastructure

Attachment

Cc: 42109.028



Exhibit "B"

TASK ORDER FORM - CONTINUING CONTRACT FOR PROFESSIONAL DESIGN SERVICES

<i>Date of Task Order Request</i>	January 5, 2023
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<i>Firm Selected for Task</i>	Halff Associates, Inc.
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<i>Task (Project) Name</i>	36th Avenue Eastern Terminus Seawall Repair
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<i>Task Description (and other relevant details)</i>	The tasks included in the scope of work include: 1. Kickoff Meeting and Site Visit 2. Subconsultant Coordination 3. Topographic Survey 4. Utility Coordination 5. Subsurface Utility Engineering (SUE) 6. Geotechnical 7. Design Drawings and Specifications 8. Permitting 9. Bid Services
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<i>Task Budget</i>	\$81,184.31
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<i>Task Proposal Due Date</i>	January 31, 2023
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Thank you for your efforts on behalf of the City of St. Pete Beach. If there are any questions or additional information needed, please contact the Public Works Department at (727) 363-9243.

Acknowledgement of Task Order: 2023-02

 Alex Rey
 City Manager
 City of St. Pete Beach

 Date



 Signature

1/31/23

 Date

 H. Phillip Keyes, PE

 Vice President – Public Infrastructure

 Brett Warner
 Assistant Public Works Director
 City of St. Pete Beach

 Date

 Halff Associates, Inc.



Halff Associates, Inc.
Agreement for Continuing Contract for Professional Engineering Services
Task Order #2023-02

Mr. Brett E. Warner, Assistant Public Works Director
Public Works Department
City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, FL 33706
bwarner@stpetebeach.org

January 31, 2023
42109.028

RE: 36th Avenue Eastern Terminus Seawall Repair (TO #2023-02)

Site Location

County: Pinellas County
Latitude: 27.7121

State: Florida
Longitude: -82.7358

Dear Mr. Warner:

Halff Associates, Inc. (Halff) is pleased to submit the following Task Order #2023.02. This Task Order is to provide the City of St. Pete Beach (CLIENT) with the professional engineering services to design, permit, and provide bid phase technical support services for 36th Avenue Eastern Terminus Seawall Repair. Attachment A illustrates the project limits.

This Task Order will be consistent with the terms and conditions associated with our Continuing Services Contract for Professional Design Services dated January 12, 2021.

The following provides a detailed task breakdown of the scope of services, schedule, and fee for the project.

Scope/Intent and Extent of Services

The existing seawalls will be demolished and reconstructed with a living shoreline. The limits of the living shoreline include the 2 adjacent owners of the 36th Avenue R/W.

Task 1 - Kickoff Meeting and Site Visit

Attend an onsite field review to note, observe and obtain site-specific information and review the site relative to the existing conditions.

Deliverables:

Summary of the meeting minutes

Task 2 - Subconsultant Coordination

Halff will coordinate the services of the subconsultants identified in this scope, during the design and permitting process. Subconsultant Professional Service Fees are included in this budget.

Task 3 - Topographic Survey

A comprehensive design level survey will be developed for the project area identified in Attachment A. The survey limits will be within street rights-of-way and easements at a vertical accuracy necessary to provide an understanding of the direction of existing drainage patterns. This survey will also identify all visible above grade existing utilities information and invert/size/material of gravity piping when accessible and all other pertinent information required to develop design drawings. This scope is based on the understanding that the City will mark its facilities and request the same from any utility franchises located within the right-of-way prior to initiation of field survey. NAD 83 (State Plane Coordinates) and NAVD 88 (datum for elevations) will be used to develop the survey. A bathymetric survey that extends 75 feet east of the existing seawall is also included and is identified within the project area on Attachment A.

The survey will be performed under the direct supervision of a Licensed Florida Land Surveyor. Surveys will be prepared in accordance with the Standards of Practice per the Florida State Board of Surveyors.

Deliverable:

AutoCAD file and a signed and sealed PDF of the Topographic survey.

Task 4 - Utility Coordination

Coordinate with Pinellas County, FDOT and private utility services and collect available information.

Halff will provide FDOT with stormwater drainage calculations that are needed to update FDOT's stormwater model so that it includes the City's additional stormwater system that will connect west of the existing baffle box near the 36th Avenue outfall. Stormwater modeling for FDOT's stormwater system is not included in the scope of work.

Task 5 - Subsurface Utility Engineering (SUE)

Halff will perform SUE in accordance with ASCE/UESI/CI 38-22 "Standard Guideline for Investigating and Documenting Existing Utilities." This standard defines the following Quality Levels:

Quality Level-A: Precise horizontal and vertical location of utilities obtained by the actual exposure (or verification of previously exposed and surveyed utilities) and subsequent measurement of subsurface utilities, usually at a specific point. Minimally intrusive excavation equipment is typically used to minimize the potential for utility damage. A precise horizontal and vertical location, as well as other utility attributes, is shown on plan documents.

Quality Level-B: Information obtained through the application of appropriate surface geophysical methods to determine the existence and approximate horizontal position of subsurface utilities. Quality Level-B data should be reproducible by surface geophysics at any point of their depiction. This information is surveyed to applicable tolerances defined by the project and reduced onto plan documents.

Quality Level-C: Information obtained by surveying and plotting visible above-ground utility features and by using professional judgment in correlating this information to Quality Level-D information.

Quality Level-D: Information derived from existing records or oral recollections.

Quality Level-A Utility Test Holes (Vacuum Excavation):

Up to two (2) test holes will be performed on various utilities that may conflict with the proposed drainage piping, inlets and manholes adjacent to the proposed outfall location as specified by the project engineer. Halff will cut up to a 12" square test hole, excavate down to utility, record the depth to top of utility, backfill & compact the hole, and restore the surface to its original condition. An iron rod with cap or "x-cut" will be set to mark the approximate centerline location of the utility. A jackhammer will be utilized for work to be performed in asphalt and concrete areas. This Scope of Services includes all test holes being performed under one (1) mobilization.

Quality Level-B Utility Designating:

Halff will designate the approximate horizontal position of found utilities within the project limits as shown in the attached exhibit using geophysical prospecting equipment (including electromagnetic locators and ground-penetrating radar) and mark using paint and/or pin flags.

This is the industry-recognized process for locating underground utilities; although effective and reliable, there is the possibility that all utilities may not be detected due to environmental and soil conditions, water table, excessive depth, and/or feature makeup.

Because of limited utility record information and the possibility of non-conductive/un-toneable utilities, Halff cannot guarantee all utilities will be found and marked within the project limits.

Quality Level-C Surveying:

Quality Level-C Surveying is not part of this scope of services. Quality Level-B Utility Designation paint markings, pin flags, and above ground utility appurtenances as well the iron rod with cap or "x-cut" for Quality Level-A Test Holes will be surveyed by others.

Quality Level-D Records Research:

Available Records will be provided to Halff by the CLIENT or its designated representative. Halff will perform additional utility record research as needed to successfully complete the project.

Because there are situations where the utility does not have a metallic composition, a metallic tracer line attached, or access to insert a tracer line, the approximate location of the utility may be determined using utility records and direct correspondence with the utility owner/representative. In these areas, the information will be considered Quality Level-D, depicted according to utility record information only.

Right-of-Entry:

Right-of-Entry is not part of this Scope of Services as work is anticipated within the existing road right-of-way. If right-of-entry is required, it will be performed and provided to Halff by CLIENT. Halff will coordinate with property owner(s) once right-of-entry has been obtained.

Work Zone Traffic Control:

Halff will provide standard temporary work zone traffic control consisting of cones and free-standing signage for this project. This Scope of Services does not include lane closure(s), flag person(s), changeable message board(s), arrow board(s) and/or engineered traffic control plans.

This Scope of Services does not include an engineered traffic control plan and if required for permit approval or if unique traffic control conditions exist, Halff will notify CLIENT and submit a supplemental agreement for authorization prior to proceeding with additional work.

Work performed in the right-of-way shall be performed Monday through Friday, 9 am to 4 pm and Saturday and Sunday, 7 am to 7 pm barring foul weather.

Deliverables:

Halff will coordinate with the project surveyor to ensure inclusion of the Quality Level-B Utility Designation and Quality Level-A Test Hole excavation data into plans. A Utility Investigation Report will be provided in accordance with ASCE/UESI/CI 38-22.

Task 6 – Geotechnical

A geotechnical investigation will be completed to determine seasonal high groundwater levels, and soil information for construction of drainage infrastructure. Halff will retain the geotechnical sub-consultant, their proposal is attached.

Task 7 - Design Drawings and Specifications

Halff will prepare 30%, 100% and final design plans for the CLIENT's review. Plans, contract documents, technical specifications, and opinion of probable construction cost (OPCC) will be included in each submittal for City review and comment. Plans will be prepared in AutoCAD (v. 2016 or newer.)

The plan sheets anticipated consist of the following:

- Cover Sheet
- General Notes
- Technical Notes
- Existing Conditions
- Demolition sheet
- Site/Grading
- Plan Profile Sheet
- Cross Section
- Detail Sheet

Deliverables:

Deliverables will include submittals (PDFs) of the 30%, 100%, and final design drawings for City review. An Opinion of Probable Construction Cost (OPCC) will also be included with each submittal. The final submittal documents will be signed and sealed. An AutoCAD file of the final drawings will also be provided. Two weeks are included in the schedule for City review and comment. City comments will be addressed and included in subsequent submittals.

Task 8 - Permitting

Halff will complete an assessment of existing habitat condition at the project site. The field survey will be conducted to qualitatively document the presence/absence, relative cover and abundance of submerged aquatic resources and includes benthic habitat, considered essential fish habitat (EFH), seagrass, macroalgae and fish. The field survey will record resource locations to document habitat types and where possible, the general condition or apparent health of the organisms will be noted. Upon completion of field data collection effort, a summary of the finding of the evaluation will be prepared for use in support of the permitting effort. The summary will include one of more maps of the project area indicating the location and extent of identified resources and will discuss the types of resources located and, their general ecological condition and include representative photos of each habitat type encountered.

Halff will prepare and submit permit applications to:

- US Army Corps of Engineers (USACE) - Nationwide Permit
- Pinellas County Water and Navigation Permit
- Southwest Florida Water Management District (SWFWMD) – ERP General Permit

For this task, Halff will prepare the environmental narrative to support the application submittal. The narrative will include a detailed discussion of the project site plan, assessments of the upland and wetland habitats and any needed wetland impact areas, and, as required, efforted to demonstrate avoidance and minimization of wetland impacts. The narrative will also include maps depicting the project environmental conditions and the project wetland impacts based on the project site plan. As part of the application review, Halff will respond to up to two (2) Responses for Additional information from each resource agency.

Up to two (2) onsite meetings as requested by permitting agencies are included with this task.

Deliverables:

PDFs of permit applications for CLIENT's signature. Halff will forward signed applications to the permitting agencies.

Task 9 - Bid Services

- Review and Respond to Contractors RFIs
- Assist in Development of Addendums
- Provide Analysis of Bids

Deliverables

Bid services deliverables include PDFs of responses to RFIs, meeting minutes, and recommendation of award package.

Schedule

Upon receipt of a fully executed copy of this Task Order, Halff shall perform its services and discharge the obligations imposed upon us in a prompt and timely manner and as expeditiously as is consistent with professional skill and care and the orderly progress of the work. We also acknowledge that the CLIENT is to be regularly and routinely consulted in connection with the performance hereunder.

See attached Project Schedule.

Fee

Date:	1/25/2023	Fee Schedule						
Task #	Task Description	Project Manager \$238.70	Senior Project Engineer \$233.40	Senior Environmental Scientist \$201.57	Project Engineer \$148.53	GIS Specialist \$100.79	Administrative Assistant \$79.57	Total
1	Kick-off Meeting Site Visit	4	4				2	\$2,047.54
2	Sub Consultant Coordination	12	2		6		4	\$4,540.66
3	Topographic Survey-Sub Consultant							\$6,000.00
4	Utility Coordination	1	8		16			\$4,482.38
5	Subsurface Utility Engineering (SUE)							\$3,700.00
6	Geotechnical - Sub Consultant							\$5,441.17
7	Design Drawings and Specifications							
	Cover Sheet		1		2			\$530.46
	General Notes	1	2		4			\$1,299.62
	Technical Notes	1	4		8			\$2,360.54
	Existing Conditions	2	2		8			\$2,132.44
	Demolition Sheet	2	2		8			\$2,132.44
	Site/Grading	2	4		24			\$4,975.72
	Plan/Profile Sheet		4		24			\$4,498.32
	Cross section		4		24			\$4,498.32
	Detail Sheet	1	2		24			\$4,270.22
	Structural - Sub Consultant							\$6,250.00
8	Permitting							
	Existing Habitat Review	2	2	16	4		4	\$5,081.72
	2 Site Visits			8			2	\$1,771.70
	Permit Applications	2	4	20	24	8		\$9,813.44
9	Bid Services	4	8		16		2	\$5,357.62
Reimbursables								\$0.00
Hours		34	53	44	192	8	14	
Total		\$8,115.80	\$12,370.20	\$8,869.08	\$28,517.76	\$806.32	\$1,113.98	\$81,184.31

Notes:

1. Permit Fees will be paid by the CLIENT.
2. The total lump sum fee will not exceed \$81,184.31 without prior written approval from the City.

Supplemental Services

Services authorized in writing by the CLIENT other than those specifically listed in the Scope of work, and which are agreed to be performed by Halff by written addenda to this Agreement shall be considered Supplemental Services for which the CLIENT shall compensate Halff at an agreed upon lump sum fee or the Halff current hourly rates for the actual personnel involved in the tasks.

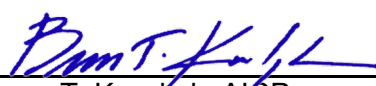
Halff Associates, Inc.



H. Phillip Keyes, PE
Vice President, Public Infrastructure
Project Manager
Halff Associates, Inc.

1/31/23

Date



Bruce T. Kaschyk, AICP
Sr. Vice President
Halff Associates, Inc.

1/31/23

Date

Accepted By:_____
CLIENT Signature

Date

Typed/Printed Name and Title

ATTACHMENT A



Printing Date: 1/25/2023 1:08:12 PM
File: I:\42000s\42109\028 36th Avenue Eastern Terminus Seawall Repair\GIS\MXD\20230125-AttachmentA-8x11.mxd

The information contained in this map is offered as is with no claim or warranty as to its accuracy or completeness. The maps are for reference only and should not be considered to be of survey precision.



1000 N. Ashley Drive,
Suite 900
Tampa, FL 33602
813.620.4500



0 50 100 200 FEET

1 IN. = 200 FT.

Attachment A Location Map

36th Ave E
Terminus Seawall Repair

PROJECT SCHEDULE

ID	Task Name	Duration	Start	Finish	% Complete																
						Dec	Qtr 1, 2023			Qtr 2, 2023			Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024		
						Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan		
0	Project Schedule	270 days	Mon 3/13/23	Thu 12/7/23	0%																
1	36th Avenue Eastern Terminus Seawall Repair	270 days	Mon 3/13/23	Thu 12/7/23	0%																
2	Kickoff Meeting and Site Visit	14 days	Mon 3/13/23	Sun 3/26/23	0%																
3	Topographic Survey	45 days	Mon 3/27/23	Wed 5/10/23	0%																
4	Utility Coordination	45 days	Mon 3/27/23	Wed 5/10/23	0%																
5	Subsurface Utility Engineering (SUE)	45 days	Mon 3/27/23	Wed 5/10/23	0%																
6	Design Drawings and Specifications (Including Structural)	150 days	Thu 5/11/23	Sat 10/7/23	0%																
7	30% Submittal	60 days	Thu 5/11/23	Sun 7/9/23	0%																
8	100% Submittal	60 days	Mon 7/10/23	Thu 9/7/23	0%																
9	Final Submittal	30 days	Fri 9/8/23	Sat 10/7/23	0%																
10	Permitting	30 days	Fri 9/8/23	Sat 10/7/23	0%																
11	Bid Services	60 days	Mon 10/9/23	Thu 12/7/23	0%																
Project: Project Schedule Date: Wed 1/25/23		Task		Project Summary		Manual Task		Start-only		Deadline											
		Split		Inactive Task		Duration-only		Finish-only		Progress											
		Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress											
		Summary		Inactive Summary		Manual Summary		External Milestone													
Page 1																					

SUE FEE BREAKDOWN

WORK PLAN

I. DESIGNATING (UTILITY LOCATING) (QL-B)

Description	Quantity	Authorized Rate	Unit	Estimated Cost
Designating 2-Man Crew (QL-B)	8	\$200.00	hour	\$1,600.00
Locating 2-Man Crew (QL-A)	5	\$300.00	hour	\$1,500.00
SUE Manager	4	\$150.00	hour	\$600.00

Subtotal: \$3,700.00

TOTAL \$3,700.00

Note: This is an estimate based upon the anticipated hours and personnel categories to perform Quality Level-D Utility Records Research through Quality Level-B Utility Designation within the project limits. Due to the unknown timing of project approval and personnel availability, Halff will invoice actual hours worked and personnel categories utilized for this project in accordance with the attached 2022 Halff SUE Rate Schedule. If quantities are exceeded, Halff will notify CLIENT for authorization and submit a supplemental agreement to increase the fee prior to proceeding with any additional work.

Halff's services will be performed in a manner consistent with that degree of skill and care ordinarily exercised by members of the same profession currently practicing under similar circumstances. Halff will make a good faith effort to locate all utilities, but shall be compensated for work performed even if the utility is not located. This proposal is valid for 30 days.

SUBS



December 13, 2022

Phillip Keyes, PE
Vice President
Halff Associates, Inc.
1000 N Ashley Dr., Suite 900
Tampa, FL 33602

Reference: **36th Ave & 45th Ave Seawall Reconstruction
St Pete, Florida**

Subject: Proposal for Structural Engineering Services

Mr. Keyes:

We appreciate the opportunity to provide this proposal for Structural Engineering Services for this project. This proposal will present our understanding of the project conditions, scope-of-work, and our proposed professional fees based on the project description and assumptions presented herein.

A. Project Description

1. The purpose of this project is to reconstruct two segments of seawall located at 45th Avenue and 36th Avenue in St. Pete Florida.
2. At 45th Avenue the proposed wall is approximately 50 feet and will receive a stormwater pipe below the mudline.
3. At 36th Avenue the replacement wall will be approximately 30 feet long.
4. The new walls will be constructed in front of the existing structure leaving the damaged wall in place and will be built two feet taller than the existing seawall.
5. Two returning walls will be required at each location to grade out the change in seawall elevation.

B. Structural Engineering – Technical Scope of Work

1. Design Phase Services:
 - a. Evaluate the geotechnical report (provided by others) and provide a foundation design based on the geotechnical engineer's recommendations.
 - b. Complete a two site investigations.
 - c. Complete a structural analysis for the construction of the new wall components.
 - d. Provide structural plans wall elevations and structural details.
 - e. Respond to comments from the permitting agencies and modification of the plans as required (Submittal of the documents and coordination of permitting issues shall be by others).
 - f. Attend virtual review meetings as necessary.
 - g. Coordinate plans with civil engineer and review agencies.

C. Proposal Assumptions and Exclusions

1. Structural calculations will be prepared and kept in KME files for future reference but will not be submitted for review.
2. Submission to permitting agency will be made electronically with all permit submissions and fees by others.
3. KME carries \$2,000,000.00 (per claim and aggregate) of professional liability insurance. Additional coverage may be provided as an additional service.
4. Construction administration services are not included in the scope of this proposal.
5. Reproduction of bid documents and construction sets is not included and will be billed as reimbursable expenses.
6. Permitting submission and fees shall be by others.

36th Ave & 45th Ave Seawall Reconstruction
St Pete, Florida

Page 1 of 2

7. Cost Estimates are not included in this scope of services.
8. Site inspections are not included but may be added as an additional service.

D. Proposed Fee for Engineering Services

1. Proposed compensation for the Structural Engineering Services outlined herein will be based on a LUMP SUM FEE broken down as follows:

<u>30% Construction Documents</u>	\$4,250.00
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<u>Site Investigations (2 @ \$1,500)</u>	\$3,000.00
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<u>100% Construction Documents</u>	<u>\$5,250.00</u>
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<u>Total Project Lump Sum Fee:</u>	\$12,500.00
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\$6,250.00 - 36th Avenue

\$6,250.00 - 45th Avenue

2. Fees will be billed and payable based on the percentage of completion of the work.

We hope this proposal meets with your approval. We appreciate this opportunity and look forward to a successful project. If you have any questions or wish to discuss this proposal, please do not hesitate to call.

AGREEMENT AND NOTICE TO PROCEED

By authorized signature below, both parties signify their agreement with the above contractual terms.



Patrick McKee, P.E.
Kever McKee Engineering

December 13, 2022

Date

Halff Associates, Inc.

Date

From: djbenham@yahoo.com <djbenham@yahoo.com>

Sent: Sunday, December 4, 2022 12:41 PM

To: 'Keyes, H. Phillip' <pKeyes@Halff.com>

Subject: RE: 36th Avenue Eastern Terminus Seawall Repair P42109.028

Updated scope and fee

1. Prepare a Topographic and Right of Way for the project.
2. Survey will be prepared relative to the Florida State Plane Coordinate System, West Zone. 1983-2011 adjustment.
3. Perform a bench run and set two on-site bench marks at each intersection. Elevations will be relative to the North American Vertical Datum (NAVD) of 1988.
4. Establish right of way limits at each intersection.
5. Collect topographic data within right of way limits as shown on supplied aerial mark-up.
6. Locate storm sewer and sanitary sewer structures within the limits of survey. Inverts and pipe sizes will be obtained.
7. Locate trees five inches (5") in diameter and greater within the limits of survey.
8. Locate above ground evidence of utilities within the limits of survey.
9. Obtain spot elevations on the seawall. Areas of damage will be identified.
10. Obtain spot elevations on bottom of bay to extend seventy five feet (75') from seawall.
11. Upon completion, prepare survey drawings to delineate the results of the survey. PDF and DWG files will be supplied.

LUMP SUM FEE: \$6,000.00

From: Keyes, H. Phillip <pKeyes@Halff.com>

Sent: Thursday, December 1, 2022 3:33 PM

To: djbenham@yahoo.com

Subject: RE: 36th Avenue Eastern Terminus Seawall Repair P42109.028

December 9, 2022

Mr. Phillip Keyes, PE
Halff Associates, Inc.
1000 N. Ashley Drive, Suite 900
Tampa, Florida 33602

Via Email: pKeyes@Halff.com

Subject: Proposal for Geotechnical Engineering Services
St. Pete Beach 36th Avenue Seawall
3601 E. Maritana Drive
St. Petersburg, Florida
AREHNA B.Prop-22-261

AREHNA Engineering, Inc. is pleased to present this proposal to provide geotechnical engineering services for the referenced project. This proposal summarizes our understanding of the project, presents our scope of services, and provides a lump sum fee and schedule.

Project Description

The project site is located at the intersection of 36th Avenue and Maritana Drive in St. Petersburg, Florida. The project consists of replacing an approximately 30 LF section of concrete seawall with 30 LF of vinyl seawall.

Based on recent aerial images, the site appears to be accessible to AREHNA's truck mounted drilling rig. Overhead utilities running along the east side of Maritana Drive may require the boring to be offset into the existing roadway. This proposal assumes that no permits or clearing will be required.

Scope of Services

The purpose of our geotechnical study is to obtain information on the general subsurface soil conditions at the project site. The subsurface materials encountered will then be evaluated with respect to the available project characteristics. In this regard, engineering assessments for the following items will be formulated:

- Identification of the existing groundwater levels and estimated normal seasonal high groundwater fluctuations.
- General location and description of potentially deleterious materials encountered in the borings which may have an impact on the proposed construction.
- General geotechnical recommendations for the proposed Seawall.
- Recommended design soil parameters for the proposed Seawall.

The following services will be performed:

- Site reconnaissance and stake boring location.
- Request utility location services from Sunshine811.

- Provide Maintenance of Traffic in accordance with Florida Department of Transportation (FDOT) Standard Indices, as needed.
- Perform one (1) Standard Penetration Test (SPT) at the proposed seawall location to an approximate depth of 25 feet below the existing ground surface. Samples will be collected, and Standard Penetration Test resistances measured continuously for the top ten feet and at approximate intervals of five feet, thereafter.
- Visually classify and stratify soil samples in the laboratory using the Unified Soil Classification System and conduct a laboratory testing program.
- Report the results of the field exploration and engineering analysis. The results of the subsurface exploration will be presented in a written report signed and sealed by a professional engineer specializing in geotechnical engineering.

Schedule

We can perform the field work within approximately four to five weeks from receiving the notice to proceed. During this time, the boring locations will be staked/marked and a utility locates request will be submitted to Sunshine811. The field work should require approximately one day to complete, weather and access permitting. Our signed and sealed report should be available approximately three weeks after completion of the field work.

Service Fee

We propose to complete our geotechnical engineering services for a lump sum fee of \$5,441.17 per the attached Fee Estimate. One day of maintenance of traffic (MOT) is included in the lump sum fee amount. If MOT is not needed, the invoice will be reduced by \$1,500.00.

Please note that samples will be retained for 90 days after the date of the report and then disposed, unless other arrangements have been made.

We appreciate the opportunity to support you on this project. If you have any questions regarding this proposal, please do not hesitate to contact us at 813.944.3464.

Sincerely,
AREHNA Engineering, Inc.



Sean Seibert, E.I.
Engineer Intern



Kevin M. Hill, P.E., PMP
Senior Geotechnical Engineer

Attachment: Fee Estimate



Fee Estimate

Proposal No.	Proposal Date
B.Prop-22-261	12/9/2022
Project Name	
St. Pete Beach 36th Ave. Seawall	

PREPARED BY	PREPARED FOR
SPS	Half Associates, Inc.

SCOPE SUMMARY			
Item	Quantity	Depth (ft)	Total
SPT Borings (5ft Intervals)	1	25	25

A. ENGINEERING SERVICES	QUANTITY	UNIT TYPE	UNIT PRICE	SUBTOTAL
MAT Principal Engineer	0	Hour	\$ 214.00	\$ -
MAT Senior Engineer	2	Hour	\$ 168.00	\$ 336.00
MAT Engineer	2	Hour	\$ 115.00	\$ 230.00
MAT Engineer Intern	11	Hour	\$ 95.00	\$ 1,045.00
MAT CADD/Computer Designer	4	Hour	\$ 101.00	\$ 404.00
MAT Sr. Eng. Technician	2	Hour	\$ 82.00	\$ 164.00
MAT Engineering Technician	2	Hour	\$ 57.00	\$ 114.00
MAT Secretary/Clerical	1	Hour	\$ 57.00	\$ 57.00
TOTAL ENGINEERING SERVICES				\$ 2,350.00
B. FIELD SERVICES	QUANTITY	UNIT TYPE	UNIT PRICE	TOTAL COST
418 Geo Drill Crew Support Vehicle	1	Day	\$ 205.76	\$ 205.76
440 Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	25	LF	\$ 6.34	\$ 158.50
478 Geo SPT Truck/Mud Bug 0-50 Ft	25	LF	\$ 15.79	\$ 394.75
514 Geo Truck/Mud Bug Mobil (30 miles straightline distance)	1	Each	\$ 565.00	\$ 565.00
TOTAL FIELD SERVICES				\$ 1,324.01
C. LABORATORY SERVICES	QUANTITY	UNIT TYPE	UNIT PRICE	TOTAL COST
811 Soils Liquid Limit AASHTO T89	1	Test	\$ 62.70	\$ 62.70
812 Soils Materials Finer than 200 Sieve FM 1-T011	2	Test	\$ 50.00	\$ 100.00
817 Soils Moisture Content Laboratory AASHTO T265	2	Test	\$ 17.23	\$ 34.46
819 Soils Organic Content Ignition FM 1 T-267	0	Test	\$ 48.35	\$ -
826 Soils Plastic Limit & Plasticity Index AASHTO T90	1	Test	\$ 70.00	\$ 70.00
TOTAL LABORATORY SERVICES				\$ 267.16
D. OTHER SERVICES	QUANTITY	UNIT TYPE	UNIT PRICE	TOTAL COST
Subcontracted MOT Services	1	Day	\$ 1,500.00	\$ 1,500.00
TOTAL OTHER SERVICES				\$ 1,500.00

For specific questions regarding this proposal, please contact:

Sean Seibert

Estimate Total \$ 5,441.17

The City of St. Pete Beach
AWARD ANALYSIS

Solicitation Information

- A. Issue Date:** September 2, 2020
- B. Posted:** Legal Ad on the City's Website; Tampa Bay Times Publication
- C. Date and Time for Offer Receipt:** October 2, 2020
- D. Timely Offers Received:** Eighteen (18)

Solicitation Process & Proposal Evaluation:

- On, September 2, 2020 a Request for Qualifications (RFQ) was issued in compliance with the City's procurement policies. The solicitation was posted on the City's website as well as the Tampa Bay Times.
- On October 2, 2020, the City received 18 proposals from Alpha Corporation, Ayres Associates, Inc., Cardno, Inc., CPH Inc., Deuel and Associates, J. Foster Consulting, George F. Young, Halff Associates, Inc., Hyatt Survey Services, Inc., Kimley Horn and Associates, Inc., Land and Water Engineering Services, Madrid CPWG, McKim and Creed, McLaren Engineering Group, Pennoni Associates, Inc., Reiss Engineering, Inc., Stanley Consultants, and Wright-Pierce, Inc.
- The evaluation committee reviewed the proposals and selected the below six (6) firms in the following categories:

Vertical Construction	Planning	Roads and Water Management	Resiliency	Survey
Halff Associates, Inc.	Alpha Corporation	Cardno, Inc.	Alpha Corporation	George F. Young
Kimley Horn and Associates, Inc.	Cardno, Inc.	George F. Young	Cardno, Inc.	Hyatt Survey Services, Inc.
	George F. Young	Halff Associates, Inc.	Halff Associates, Inc.	
	Halff Associates, Inc.	Kimley Horn and Associates, Inc.	Kimley Horn and Associates, Inc.	
	Kimley Horn and Associates, Inc.			

- E. Price Review/Negotiation Record:** The proposals from Alpha Corporation, Cardno, Inc., George F. Young, Halff Associates, Inc., Hyatt Survey Services, Inc., and Kimley Horn and Associates, Inc. were reviewed and

determined to be fair and reasonable.

F. Determination of Responsibility: A responsibility review was conducted at the time of award and Alpha Corporation, Cardno, Inc., George F. Young, Halff Associates, Inc., Hyatt Survey Services, Inc., and Kimley Horn and Associates, Inc. were not listed on the federal government's debarred /suspended list (<https://www.sam.gov>) nor do they appear on the State of Florida List Of Convicted/Suspended/Discriminatory Vendor lists.

G. Determination and Recommendation: Alpha Corporation, Cardno, Inc., George F. Young, Halff Associates, Inc., Hyatt Survey Services, Inc., and Kimley Horn and Associates, Inc. were determined to be responsible vendors and therefore, eligible for award.

Contract Information

Contracts were awarded to Alpha Corporation, Cardno, Inc., George F. Young, Halff Associates, Inc., Hyatt Survey Services, Inc., and Kimley Horn and Associates, Inc.

H. Term of Award: Three (3) Years with Two (2) One (1) Year Options

I. Type of Award: Contract

Task Order Information

J. Description: 36th Avenue Eastern Terminus Seawall Repair

K. Contractor: Halff Associates, Inc.

L. Price Review: The Procurement Manager reviewed the contract pricing against the Task Order and it was determined that the Task Order for the 36th avenue eastern terminus seawall repair is considered fair and reasonable.

M. Determination of Responsibility: A responsibility review was conducted at the time of award. Halff Associates, Inc. was not listed on the federal government's debarred /suspended list (<https://www.sam.gov>) nor do they appear on the State of Florida List Of Convicted/Suspended/Discriminatory Vendor lists.

N. Determination and Recommendation: Halff Associates, Inc. is determined to be a responsible vendor and therefore, eligible to perform the work assigned under this Task Order.

Prepared: Sharon Spellman
Procurement Manager

CITY COMMISSION MEETING CITY OF ST. PETE BEACH

Agenda Report

Action Request: Request authorization of expenditures in the amount of \$138,876.00 under the unit price Wastewater System Point Repair contract with Rowland, Inc. for sewer repairs at 75th Avenue & Boca Ciega Drive.

Strategic Objective: Sustainability

Date: March 7, 2023

Prepared By: Mike Clarke, Public Works Director

Through: Alex Rey, City Manager

Summary of Issue: During the PSTA Bus Stop construction on the south side of the 75th Ave and Boca Ciega Ave intersection, PSTA's contractor, Nelson, who had its subcontractor inadvertently drilled six 2" conduits through the City's primary 24" sanitary sewer gravity pipe. This is verified by video and the road is visibly sinking above this location. Nelson hired a lining subcontractor who made an effort to make repairs, but the size of the holes was beyond the ability of a lining to cover and the solution was an open cut point repair.

Nelson does not have the in-house capability to make this type of repair nor do they not have a subcontractor with the capability to make the repair. Following that determination, the City contacted our Wastewater System point repair contractor, Rowland, Inc., to prepare a plan and cost estimate to make these time-sensitive repairs. Rowland will place the damaged main on the bypass, excavate down to the damaged main, remove the section of the impacted pipe, install a new section of PVC gravity main, and restore the roadway. Rowland is ready to proceed with these repairs as soon as possible to prevent a roadway collapse caused by the erosion of soil above the main from groundwater infiltration into the damaged pipe.

The City has received approval from Nelson's insurance that they will cover at least \$125,000 of the repair cost but most likely the entirety of it.

Funding: Fund: Wastewater

Account: 101.6107.535.5469

Current available budget: \$27,352

The expense will be largely, if not entirely, covered by Nelson's insurance.

Attachments:

1. Estimate from Rowland, Inc.
2. Award Analysis

City of St. Pete Beach

75th Ave & Gulf Blvd

Bid Item	Description	Quantity	Unit	Unit Price	Total
1	MOBILIZATION FOR ROUTINE RESPONSE	1	EA	4,125.00	4,125.00
4	MULTI LANE (FDOT INDEX NO. 613)	10	EA / DY	1,698.00	16,980.00
7	VARIABLE MESSAGE BOARD	10	EA / DY	75.00	750.00
11	6" SOLID LINE THERMO PLASTIC - PERMANENT	100	LF	11.00	1,100.00
12	24" STOP BAR, SOLID, THERMO PLASTIC, PERM	24	LF	38.00	912.00
13	6" SKIP LINE (6'-10' SKIP) THERMO PLASTIC-PERM.	20	LF	11.00	220.00
17	EXCAVATION, UNSUITABLE MATERIAL	18	cy	91.00	1,638.00
22	WELL POINT DEWATERING INITIAL - 10'-12' DEEP	1	EA	5,225.00	5,225.00
28	WELL POINT DEWATERING ADDITIONAL - 10'-12' DEEP	20	EA	116.00	2,320.00
143	24" PVC PIPE, C-905 DR 21 (GRAVITY SEWER) 10' - 12' DEPTH	10	LF	253.00	2,530.00
153	REMOVE PIPE 21" or 24" (GRAVITY SEWER)	10	LF	158.00	1,580.00
275	INITIAL EXCAVATION - 10'-12' DEEP	1	EA	12,265.00	12,265.00
291	WASTEWATER BY-PASS PUMPING, 24" DIAMETER	1	EA	2,496.00	2,496.00
295	WASTEWATER BY-PASS PUMPING, OPERATION, 24" DIAMETER	5	DAY	7,920.00	39,600.00
311	24" DIA. PIPE GRAVITY SEWER POINT REPAIR (PVC REPLACEMENT)	1	EA	13,325.00	13,325.00
341	FLOWABLE CONCRETE FILL	50	CY	228.00	11,400.00
344	SUPERPAVE ASPHALT BASE, TYPE B 12.5, VARIABLE THICKNESS	25	TN	358.00	8,950.00
352	MILLING EXISTING ASPHALT PAVEMENT, 1" AVERAGE DEPTH	200	SY	26.00	5,200.00
355	CURB & GUTTER, CONCRETE, Miami Curb	20	LF	128.00	2,560.00
358	SIDEWALK, CONCRETE, 6" MIN. THICKNESS, REMOVE AND REPL	100	SF	39.00	3,900.00
359	SODDING, IN-KIND	800	SF	1.00	800.00
	MOT Permit- Incidental	1	EA	1,000.00	1,000.00
					138,876.00

The City of St. Pete Beach
AWARD ANALYSIS

Solicitation Information

- A. Issue Date:** August 10, 2021
- B. Posted:** Legal Ad on the City's Website; Tampa Bay Times Publication
- C. Date and Time for Offer Receipt:** September 10, 2021
- D. Timely Offers Received:** Five (5)

Solicitation Process & Proposal Evaluation:

- On, August 10, 2021 an Invitation for Bid (IFB) was issued in compliance with the City's procurement policies. The solicitation was posted on the City's website and well as the Tampa Bay Times.
 - On September 10, 2021, the City received 5 bids Insituform Technologies, LLC., Advanced Plumbing Technologies, LLC., Rowland, Inc., Ric-Man Construction Florida, Inc., and Hinterland Group, Inc.
- E. Price Review/Negotiation Record:** The bid from Rowland, Inc. was reviewed and determined to be fair and reasonable.
- F. Determination of Responsibility:** A responsibility review was conducted at the time of award Rowland, Inc. was not listed on the federal government's debarred /suspended list (<https://www.sam.gov>) nor do they appear on the State of Florida List Of Convicted/Suspended/Discriminatory Vendor lists.
- G. Determination and Recommendation:** Rowland, Inc. was determined to be responsible vendors and therefore, eligible for award.

Contract Information

A contract was awarded to Rowland, Inc.

- H. Term of Award:** Three (3) Years with Two (2) One (1) Year Options
- I. Type of Award:** Contract

Task Order Information

- J. Description:** Sewer Repairs at 75th Avenue and Boca Ciega Drive
- K. Contractor:** Rowland, Inc.
- L. Price Review:** The Procurement Manager reviewed the contract pricing against the Task Order and it was determined that the Task Order for sewer repairs at 75th Avenue and Boca Ciega Drive is considered fair and reasonable.

M. Determination of Responsibility: A responsibility review was conducted at the time of award. Rowland, Inc. was not listed on the federal government's debarred /suspended list (<https://www.sam.gov>) nor do they appear on the State of Florida List Of Convicted/Suspended/Discriminatory Vendor lists.

N. Determination and Recommendation: Rowland, Inc. is determined to be a responsible vendor and therefore, eligible to perform the work assigned under this Task Order.

Prepared: Sharon Spellman
Procurement Manager

St. Pete Beach City Commission Agenda Report

Action Request: Request adoption of Resolution 2023-01.

Strategic Objective: Ensure financial excellence

Date: March 7, 2023

Prepared By: Vince Tenaglia, Assistant City Manager/CFO

Through: Alex Rey, City Manager

Summary of Issue: The City Commission adopted Ordinance 2019-03 on October 22, 2019, authorizing the State Revolving Fund loan to finance the sanitary sewer capacity improvement project. The total principal amount was \$12,950,047 financed over twenty years at a fixed interest rate of 0.22%. The loan agreement includes a provision for a 0.10% interest rate reduction if the City adopts an asset management plan.

The asset management plan requirements are set forth in Subsection 62-503.700(7), Florida Administrative Code. The plan is intended to identify the costs and schedule for rehabilitating each asset in the wastewater operation and to develop a systematic financial management approach. It includes both an operational component and financial component.

Kimley-Horn and Associates, Inc. developed the operational aspects of the plan, evaluating the condition of the City's wastewater collection system assets and recommending replacement schedules based on anticipated useful life and wastewater collection system capacity considerations. The plan includes a number of exhibits geographically identifying, measuring, and itemizing wastewater system assets and conditions.

The financial aspects of the plan were developed by City staff. The wastewater operation was analyzed in detail to develop a long-term financial model. The intent of the plan is not to prescribe actions but to provide a framework for decision making, based on the following variables:

- Budgeted versus recommended capital improvement plan
- Projected revenue increases and wastewater flow increases based on known development projects (e.g., Miramar, Corey Landings)
- Estimated wastewater flow reductions based on historic inflow and infiltration (I&I) trends and planned I&I rehabilitation
- Anticipated debt issuance based on the force main 1 rehabilitation project schedule
- Projected operational expense growth rates
- Projected interest earnings
- Targeted working capital balance levels to maintain the Wastewater Fund's financial position
- Anticipated fee increase schedule based on each of the above factors.

Together, the operational and financial aspects of the asset management plan will facilitate more informed, long-term decision making. If the asset management plan is acceptable to the Florida Department of Environmental Protection, the City will save approximately \$130,000 in interest expense over the life of the loan. There is no additional expense anticipated from Kimley-Horn for compiling the operational plan aspects in the format required by FDEP; the information was derived from a separate task order that had been previously awarded.

Funding: N/A

Attachments: Resolution 2023-01

**Reviewed by the
City Manager:** _____

RESOLUTION 2023-01

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, IMPLEMENTING AN ASSET MANAGEMENT PLAN TO PROMOTE THE LONG TERM SUSTAINABILITY OF THE WASTEWATER COLLECTION SYSTEM; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, State Revolving Fund loan recipients are encouraged to implement an asset management plan to promote the long term sustainability of infrastructure; and

WHEREAS, an asset management plan must be adopted by ordinance or resolution and written procedures must be in place to implement the plan in order to be accepted for a financing rate adjustment.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, THAT:

SECTION 1. Recitals. The above recitals (“Whereas” clauses) are true and correct and adopted hereby as findings, purpose and intent of the City Commission.

SECTION 2. The City Commission hereby accepts the asset management plan documents attached hereto as Exhibit A.

SECTION 3. Effective Date. This resolution shall take effect immediately upon adoption.

PASSED AND APPROVED BY THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, THIS _____ DAY OF _____, 2023.

CITY COMMISSION, CITY OF ST. PETE
BEACH, FLORIDA.

Alan Johnson, Mayor

ATTEST:

Amber LaRowe, City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

Andrew Dickman, City Attorney

ST. PETE BEACH ASSET MANAGEMENT PLAN



Prepared for:

City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, FL 33706

Kimley»Horn

Prepared by:

Kimley-Horn and Associates, Inc.
200 Central Avenue, Suite 600
St. Petersburg, FL 33701

City of St. Pete Beach

Asset Management Plan

Wastewater System

Prepared for:

City of St. Pete Beach
7581 Boca Ciega Dr.
St. Pete Beach, FL 33706

Prepared By:

Kimley-Horn and Associates, Inc.
200 Central Avenue, Suite 600
St. Petersburg, FL 33701

© Kimley-Horn and Associates, Inc.
Registry No. 35106
February 2023
St. Petersburg, Florida
148404048

Shelby N. Hughes, P.E.

FL #86419

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APPENDIX F	ESRI 2010 Community Profile
APPENDIX G	Wholesale Wastewater Service Agreement
APPENDIX H	St. Pete Beach Pump Evaluation and Maintenance Program
APPENDIX I	I&I Repair Exhibits

Abbreviations

AADF	Annual Average Daily Flow
ADF	Average Daily Flow
AMP	Asset Management Plan
ARV	Air Release Valve
CIP	Capital Improvement Plan
CIPP	Cured in Place Pipe
ERU	Equivalent Residential Unit
FDEP	Federal Department of Environmental Protection
FID	Facility ID
GIS	Geographic Information Systems
HDPE	High Density Polyethylene
I&I	Inflow and Infiltration



LF	Linear Feet
MACP	Manhole Assessment Certification Program
MGD	Million Gallons per Day
NASSCO	National Association of Sewer Service Companies
PACP	Pipeline Assessment Certification Program
PVC	Polyvinyl Chlorine
SRF	State Revolving Fund
SSO	Sanitary Sewer Overflow

Introduction

On November 29th, 2019, the City of St. Pete Beach (City) authorized the City Manager to engage the services of Kimley-Horn and Associates, Inc. (Kimley-Horn) to provide general engineering services for the development of an Asset Management Plan (AMP) that follows the requirements outlined by the Florida Department of Environmental Protection (FDEP) per F.A.C. – Section 62-503. The AMP intends to develop a systematic approach to the realization of the value of the City’s infrastructure from a life-cycle management perspective over a twenty-year period.

Asset management plans provide a basis for achieving the maximum value of City assets through analyzing risk and optimizing cost and performance throughout the asset’s lifecycle. Maintaining a strong AMP allows the City to act proactively to maintain and rehabilitate its systems to avoid costly emergency repairs. In addition, effective planning enables the City to rehabilitate pavement, reclaim, wastewater, and stormwater systems concurrently where possible, resulting in cost savings and less disturbance to residents. This AMP currently only includes the City’s wastewater system assets.

The City received an FDEP State Revolving Fund (SRF) Loan in 2020 used to fund sanitary sewer expansion capital improvements. As part of the SRF loan requirements outlined in F.A.C. – Section 62-503, recipients of SRF funds are encouraged to adopt an asset management plan to promote the longevity of their systems. In addition, Per Clean Water State Revolving Fund Loan Agreement Number WW520310, the City must adopt an AMP by ordinance or resolution and have written procedures in place for its implementation to be eligible for a financing rate reduction. Implementation of the AMP would meet the loan recipient's requirement to adopt and implement a fiscal sustainability plan to promote long-term sustainability for treatment works proposed for repair, replacement, or expansion in accordance with Section 603 of the Act (33 USC §1383). For an asset management plan to be eligible, it must include the components outlined in **Table 1** below.

Table 1. FDEP Requirements for Asset Management Plan

FDEP Requirements for Asset Management Plans (F.A.C. 62-503)	Report Section Reference
a) Identification of all assets within the project sponsor's system	A
b) An evaluation of the current age, condition, and anticipated useful life of each asset	B
c) The current value of the assets	C
d) The cost to operate and maintain all assets	D
e) A capital improvement plan based on a survey of industry standards, life expectancy, life cycle analysis, and remaining useful life	E
f) An analysis of funding needs	F
g) An analysis of population growth and wastewater or stormwater flow projections, as applicable, for the sponsor's planning area, and a model, if applicable, for impact fees; commercial, industrial, and residential rate structures; and industrial pretreatment fees and parameters	G
h) The establishment of an adequate funding rate structure	H
i) A threshold rate set to ensure the proper operation of the utility, if the sponsor transfers any of the utility proceeds to other funds, the rates must be set higher than the threshold rate to facilitate the transfer and proper operation of the utility	I
j) A plan to preserve the assets; renewal, replacement, and repair of the assets as necessary, and a risk-benefit analysis to determine the optimum renewal or replacement time	J
k) A plan to evaluate and implement water and energy conservation efforts that meet the requirements set forth in Section 602 of the Act (33 USC §1382)	K

The AMP includes the following components herein, completed by Kimley-Horn: (a), (b), (e), (g), (j), and (k). Components (c), (d), (f), (h) and (i) and information relating to the City's rate structure and the valuation of infrastructure referenced in this AMP was provided by the City.

Data Collection

This AMP outlines the existing condition of City wastewater assets, recommended rehabilitation efforts, routine operation and maintenance procedures, and valuation. Data was collected from City staff and the sources shown in **Table 2** below and reviewed to generate the AMP.

Table 2. Data Sources

Title/Description	Author	Year
System As-Built	City	1959-2023
<i>Wholesale Wastewater Service Agreement</i>	City of St. Petersburg, City of St Pete Beach	2001
<i>City of St. Pete Beach Model Capacity Report</i>	Kimley-Horn	2016
<i>City of St. Pete Beach Inflow and Infiltration Report</i>	Kimley-Horn	2017
<i>City of St. Pete Beach Pump Evaluation and Maintenance Program</i>	Kimley-Horn	2018
<i>City of St. Pete Beach Force Main Post Assessment Report</i>	Kimley-Horn	2018
<i>City of St. Pete Beach Model Capacity Report - Update</i>	Kimley-Horn	2019
<i>City of St. Pete Beach Fiscal Year 2021 Adopted Budget</i>	City	2020
City of St. Pete Beach GIS Geodatabase	City, Kimley-Horn, George F. Young, Inc.	2021
<i>City of St. Pete Beach Fiscal Year 2023 Adopted Budget</i>	City	2023
City of St. Pete Beach GIS Geodatabase	City, Kimley-Horn, George F. Young, Inc.	2021
<i>City of St. Pete Beach Model Capacity Report - Update</i>	Kimley-Horn	2022
St. Pete Beach Lift Station Exhibits	Kimley-Horn	2022
<i>St. Pete Beach Community Analyst Report</i>	ESRI	2023

A. Identification of Wastewater Assets

The City of St. Pete Beach is a barrier island with a sanitary sewer system that encompasses 2.2 square miles and serves a population of approximately 9,600 residents. The City's wastewater system consists of three master pump stations (Pump Station 1, Pump Station 2, and Pump Station 3) and 18 duplex lift stations, all with corresponding force mains. The City's gravity collection system includes 21 sewer shed basins that correlate with each pump/lift station. The wastewater system is owned and operated by the City of St. Pete Beach and was installed largely between 1954 and 1957. Wastewater is discharged from the island at Pump Station 1 through a master force main (FM0001) that is owned by the City to the point of manifold with the City of Treasure Island. Following the manifold with Treasure Island, the master force main is cooperatively owned and maintained by both cities. The combined force main discharges to the City of St. Petersburg Pump Station No. 61 (PS 61) which ultimately discharges to the City of St. Petersburg's Northwest Water Reclamation Facility (NWWRF) for treatment.

GIS Wastewater System Data

The City's GIS System contains data on the following City-owned wastewater assets: master pump stations, lift stations, force mains, gravity mains, air release valves (ARVs), manholes, conflict structures, and clean-outs. Each asset is labeled by a unique Facility ID (FID) number for identification and rehabilitation or replacement tracking. The GIS System is consistently updated to reflect changes to the wastewater system based on new construction as-builts, rehabilitation efforts, and routine inspection data.

Wastewater System Assets

The City's wastewater system assets are detailed geographically in **Appendix A** and tabulated in **Appendix B**. Exhibits of the City's current pump and lift stations, and their associated appurtenances are shown in **Appendix C**.

B. Evaluation of Assets

The purpose of this section is to provide an overview of the current age, condition, and anticipated useful life of each asset. The City's wastewater system was largely installed between 1954 and 1957; however, many assets throughout the system have been rehabilitated or replaced. Each of the following sub-sections details a specific category of wastewater system assets.

Pump/Lift Stations

Appendix B, Table 2 contains the current age of each lift station along with the last time they were rehabilitated. In lieu of replacement, the City has opted to rehabilitate lift stations, including, but not limited to wet well coating or liner installation, replacement of mechanical piping and appurtenances, pump and panel replacement, and concrete top slab replacement. The City has made efforts to harden infrastructure against flooding and storm events including elevating control panels above the base flood elevation and installing flood-tight hatches on both valve vaults and wet wells. **Appendix B, Table 3** contains information on each pump installed and when they are planned to be overhauled. A pump overhaul consists of returning the pump to like-new conditions. Bearings and seals are replaced if necessary and impeller clearances are restored. Lift station pumps are generally overhauled every ten years to optimize performance and maintain reliability. Lift stations have an anticipated useful life of 20 years after each rehabilitation.

By 2022, the City's original 14 duplex lift stations and 2 of the 3 master pump stations will have been rehabilitated within the past 10 years and are anticipated to be in good condition. As part of the sanitary sewer expansion projects funded by the SRF loan, 4 additional lift stations (hotel district lift stations) were added to the City's system to provide capacity in the commercial hotel district of the City. These lift stations were placed into service in 2021.

Pump Station 1 (PS001) will be rehabilitated in 2023 and placed into service in 2024. The PS001 rehabilitation will include the replacement of the pumps, mechanical piping, electrical panels and equipment, odor control system, and emergency generator. A capacity analysis, shown in **Table 3** below, was performed for Pump Station 1 based on future flow conditions identified in **Section F** of this report. The capacity of Pump Station 1 is critical to the City's entire wastewater system as it pumps all wastewater off the island.

Table 3. Pump Station 1 (PS001) Capacity Analysis

Description	GPM	GPD
Existing Pump Station Operating Point ¹	5,324	7,665,984
ADF where PHF exceeds Pump Station 1 Capacity ⁴	2,218	3,194,160
PHF Exceeds Operating Point (GPM)	5,390	
Remaining ERUs prior to exceeding Pump Station 1 capacity in PHF ⁵ (ERU)	2,300	
Reduced-Intensity Build-Out ADF ²	2,413	3,474,232
Peaking Factor ³	2.43	
Reduced-Intensity Build-Out PHF (GPM)	5,860	
Max Build-Out ADF ²	2,653	3,820,440
Peaking Factor ³	2.43	
Max Build-Out PHF (GPM)	6,444	

¹ Based on the operating point of 5323.6 gpm at 125.3 ft TDH with two pumps in operation at a time

² From **Table 4** above. Max build-out ADF does not exceed existing Pump Station 1 capacity.

³ Based on hourly flow data from the City of St. Pete Beach Pump Station 1 flow meter (January 2019 - March 2020). The peaking factor equals the Peak Hour Flow (PHF) divided by the ADF.

⁴ Existing Pump Station 1 Capacity/Peaking Factor = PHF

⁵ Estimated based on 248 GPD/ERU

The pumping capacity of Pump Station 1 is largely controlled by receiving Pump Station 61 (PS 61) owned and operated by the City of St. Petersburg. The receiving suction head pressure is set to control the flow being pumped to the treatment plant and limits the operating point of the pumps on Pump Station 1. During wet weather events, it has been observed that Pump Station 1 and the City of Treasure Island's Master Pump Station (also planned for replacement in 2023-2024) compete for capacity within the transmission system. The replacement of either pump station's pumps may impact the opposing pump station's operating point, and thus its capacity. This competition for capacity could impact the smaller lift stations connected to the overall transmission system.

The design of both pump stations should evaluate each City's individual capacity needs, as well as the impacts on the overall transmission system. The proposed pump stations may include larger horsepower pumps with additional pumping capacity to account for the proposed development; however, these may not be necessary if improvements are completed by the City of St. Petersburg to PS 61.

Force Mains and ARVs

In 2018, Kimley-Horn performed a force main assessment to determine the condition and remaining service life of the City's force mains. **Appendix B, Table 4** summarizes the findings of the City of St. Pete Beach Force Main Post-Assessment Report and includes the anticipated useful life of each force main. Any segment not identified for rehabilitation or replacement was not inspected, recently replaced, or found to be in satisfactory condition in the 2018 Force Main Post Assessment Report and no further action is required until a subsequent assessment is performed in 10 years. The following replacement projects were identified or completed for assets reaching the end of their useful life:

- Force Main 9 (FM0009) was replaced by asset FM0018 in 2021
- Force Main 16 (FM0016) was replaced by asset FM0019 in 2021
- Force Main 8 (FM0008) was replaced by asset FM0027 in 2021
- Force Main 10 (FM0010) will be replaced in 2023 and extended to increase sewer capacity in this area.
- Force Main 6 (FM0006) is planned for replacement by 2026
- Force Main 17 (FM0017) is planned for replacement by 2026

Force Main 1 (FM0001) had additional recommendations due to the critical nature of the infrastructure. While the force main assessment concluded that there is adequate remaining useful life for this force main, FM0001 is the sole pipeline that transmits flow off the barrier island of St. Pete Beach. There is no redundancy in the current design of the wastewater transmission system. In the case of a force main break, bypassing would only be possible with temporary piping with line stops and tapping saddles at the point of failure. Failure of any of the subaqueous crossings, especially the crossing shared by both Cities, would be costly to repair and result in large volumes of illegally discharged wastewater.

Considering the criticality of this infrastructure and the results of the force main assessment, a summary of recommended actions to protect the Master Force Main (FM0001) and the recommended planning efforts is listed below.

FM0001 Short-Term Recommendations (1-5 Years)

1. Complete a Master Force Main emergency response protocol in the event of failure.
2. Complete a Preliminary Design Report for the design of a redundant force main – anticipated to be completed in 2023 by Kimley-Horn.
3. Solicit engineering services and funding opportunities to complete the design of the City's redundant force main.
4. Replace/install ARVs located along FM0001.

FM0001 Long-Term Recommendations (5-10 Years)

1. Complete a subsequent force main assessment and conduct ultrasonic testing at the same

locations identified in this report to validate corrosion projections and monitor force main condition. This assessment should be completed in the year 2027 at the latest.

2. Design and construct a redundant force main and rehabilitate the existing Master Force Main (FM0001) to be used in the event of a failure in the future.

The Force Main Post-Assessment Report also recommended that the existing ARVs connected to FM0001 and FM0002 be replaced. The ARVs along FM0001 have not been located or accessed in twenty years and are assumed to have been removed or destroyed. Based on as-builts of this force main, five (5) ARVs were originally installed in 1981. It is recommended that the City replace these ARVs to maintain the life of the master force main (FM0001). The four (4) existing ARVs along FM0002 were installed in 2013, and are below-ground in manhole structures along Gulf Blvd. Because of the hydrogen sulfide gas discharged into the manhole, the ARVs are heavily corroded and require replacement. It is recommended that proper venting of the manhole structure is provided during replacement.

As part of the sanitary sewer expansion projects funded by the SRF loan, the following projects were completed, adding additional assets to the City's wastewater system:

- Force main extension (FM0021) from Force Main 2 (FM0002) to Pump Station 1 (PS001) was completed in 2021, adding 8,100 LF of PVC and HDPE pipe
- Force main extension (FM0022) from Force Main 3 (FM0003) to Force Main 2 (FM0002) will be completed in 2021 with the addition of 6,400 LF of PVC and HDPE force main
- Associated force mains for the hotel district lift stations were completed in 2022 (FM0020, FM0023, FM0024, FM0025).

Gravity Mains and Manholes

In 2015, the City engaged the services of Kimley-Horn to provide general engineering services for the evaluation of the City's wastewater gravity sewer system. This evaluation consisted of a system inspection and condition evaluation, the City of St. Pete Beach Inflow and Infiltration Report (2017), and a capacity analysis, the City of St. Pete Beach Model Capacity Report (2016, 2019, 2022).

The City of St. Pete Beach Inflow and Infiltration Report followed the system inspection which complied with National Association of Sewer Service Companies (NASSCO) standards and included both the Pipeline Assessment Certification Program (PACP) and Manhole Assessment Certification Program (MACP) inspection coding. The results of the inspections included recommendations for rehabilitation efforts such as point repairs and cured-in-place-pipe (CIPP) lining for gravity mains, inflow protection, and coating, lining, and bench repair for manholes. Pipe and manhole ratings were utilized to prioritize the rehabilitation of each gravity main segment or manhole based solely on overall condition. For more information on pipe and manhole ratings, refer to the City of St. Pete Beach Inflow and Infiltration Report (2017) and the NASSCO *Pipeline Assessment Certification Program Reference Manual*. Results of the Inflow and Infiltration Report and

recommended rehabilitation for manholes and gravity mains are included in **Appendix B, Tables 5 and 6**, respectively. The City selected three contractors through a formal bid process to complete ongoing sewer system repairs under three separate contracts – Manhole Rehabilitation, Pipe Lining, and Point Repairs. Manhole rehabilitation efforts are maintained in the City’s GIS database by the date completed. CIPP lining is tracked by date and purchase order in the City’s GIS database. Point repairs each have a unique FID, work order number, purchase order, and description, and exist as a separate database file within the City’s GIS data.

The Inflow and Infiltration Report provided the basis for the City’s I&I rehabilitation program, which has been ongoing since 2017. The annual cumulative wastewater flow has shown a declining trend, partially attributed to the City’s I&I rehabilitation program. **Figure 1** below summarizes the annual cumulative wastewater flow versus the rainfall from 2016 to 2022.

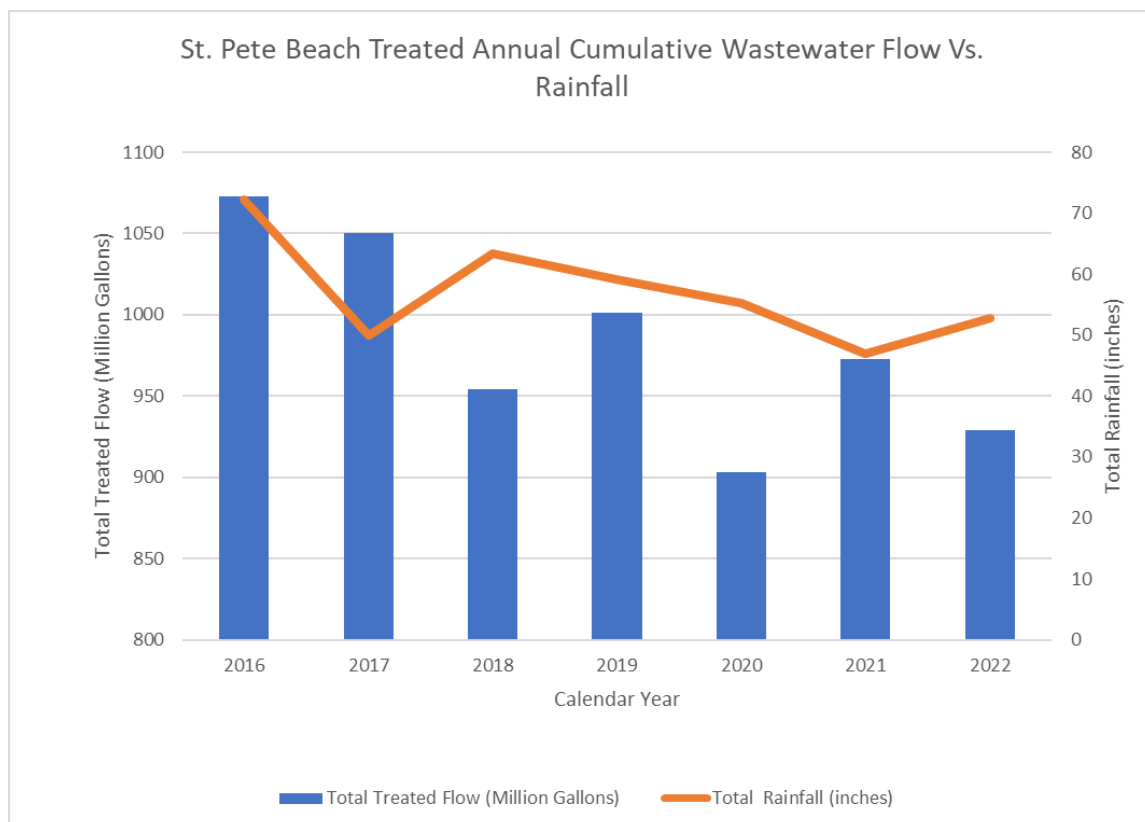


Figure 1: St. Pete Beach Treated Flow vs. Rainfall

The City of St. Pete Beach Model Capacity Report, completed by Kimley-Horn in 2016, and subsequently in 2019 and 2022, consisted of the creation of a hydraulic and statistical model of the City’s wastewater system to determine the remaining flow capacity, identify potential problem areas, inform future capital improvements projects, and create a city-wide map of

capacity ratings for each lift station and existing gravity pipes. This hydraulic model and corresponding report identified the sanitary sewer expansion projects required to reduce system surcharging and sanitary sewer overflows (SSOs). For more information on capital projects to address system capacity considerations, refer to the City of St. Pete Beach Model Capacity Report (2016, 2019, and 2022).

C. Current Value of Assets

The City of St. Pete Beach maintains a record of the value of all City-owned assets and adjusts the value based on age and condition. The current valuation of all City-owned wastewater assets is included in **Appendix D**.

D. Cost of Operation and Maintenance

The City's operations staff are pivotal to the successful operation of the wastewater system as it is their responsibility to operate and maintain the collection system and maintain a high level of service for customers. The operational and maintenance costs, including in-house and contracted, plus the cost for spare parts are detailed each year to inform future budgets. The goals of the City's maintenance programs for the wastewater system should be to prevent SSOs, maximize system reliability while optimizing cost, and ensure the sustainability of infrastructure. The following pages summarize the City's operational and maintenance costs.

City of St. Pete Beach
Wastewater Program

Historic Cost of Operation and Future Funding Analysis											
	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Actual	FY 2023 Adopted	FY 2023 Estimated	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected	FY 2027 Projected
Revenue											
Charges for service ¹	6,677,519	6,554,431	6,644,352	7,571,355	7,539,279	7,550,000	7,550,000	9,060,000	9,180,778	9,180,778	9,180,778
Miscellaneous	-	125	75	-	3,942	-	-	-	-	-	-
FEMA reimbursement	211,839	-	-	-	-	-	-	-	-	-	-
Total	\$ 6,889,358	\$ 6,554,556	\$ 6,644,427	\$ 7,571,355	\$ 7,543,221	\$ 7,550,000	\$ 7,550,000	\$ 9,060,000	\$ 9,180,778	\$ 9,180,778	\$ 9,180,778
Expenditures											
Personnel:											
Wages, taxes ²	294,750	274,767	277,944	289,897	269,500	413,995	413,995	422,275	430,720	439,335	448,122
Retirement, insurance ³	176,584	171,007	114,964	108,020	93,470	100,200	100,200	102,204	104,248	106,333	108,460
Operating:											
Wastewater treatment ⁴	3,510,749	3,047,824	3,041,587	3,959,743	3,326,295	4,130,000	4,130,000	4,453,638	4,936,274	5,446,057	6,021,931
Operating supplies and repairs ⁵	286,388	389,856	407,905	495,483	697,948	564,060	660,437	575,341	586,848	598,585	610,557
G&A expense ⁶	247,300	254,719	262,361	364,800	452,000	448,000	448,000	477,000	477,000	477,000	477,000
Debt service	683,963	684,711	682,296	399,092	563,744	898,369	898,369	1,217,166	1,217,166	1,217,165	1,091,193
Total	\$ 5,199,734	\$ 4,822,884	\$ 4,787,057	\$ 5,617,035	\$ 5,402,957	\$ 6,554,624	\$ 6,651,001	\$ 7,247,625	\$ 7,752,257	\$ 8,284,475	\$ 8,757,262
Operating surplus (deficit)	\$ 1,689,624	\$ 1,731,672	\$ 1,857,370	\$ 1,954,320	\$ 2,140,264	\$ 995,376	\$ 898,999	\$ 1,812,375	\$ 1,428,522	\$ 896,304	\$ 423,517
Nonoperating revenue/transfers											
Interest earnings ⁷	-	83,833	37,085	1,657	931	1,680	58,307	37,018	31,894	24,235	21,895
Connection fees ⁸	-	-	2,668	10,747	-	617,000	640,400	-	-	-	-
Asset disposal	55,685	-	-	-	60,337	-	-	-	-	-	-
State grant	-	880,781	119,219	-	-	-	2,000,000	-	-	-	-
ARPA transfers	-	-	-	-	-	2,901,684	2,901,684	-	-	-	-
Interfund transfers	-	-	-	-	-	-	-	-	-	-	3,000,000
Debt proceeds ⁹	-	-	-	8,959,312	3,226,549	-	-	-	-	-	12,000,000
Total	55,685	964,614	158,972	8,971,716	3,287,817	3,520,364	5,600,391	37,018	31,894	24,235	15,021,895
Nonoperating expenses											
Capital outlay	1,909,071	2,067,633	1,619,019	16,101,198	4,076,248	5,416,684	7,345,307	2,750,000	500,000	1,050,000	15,700,000
Total	\$ 1,909,071	\$ 2,067,633	\$ 1,619,019	\$ 16,101,198	\$ 4,076,248	\$ 5,416,684	\$ 7,345,307	\$ 2,750,000	\$ 500,000	\$ 1,050,000	\$ 15,700,000
Nonoperating surplus (deficit)	\$ (1,853,386)	\$ (1,103,019)	\$ (1,460,047)	\$ (7,129,482)	\$ (788,431)	\$ (1,896,320)	\$ (1,744,916)	\$ (2,712,982)	\$ (468,106)	\$ (1,025,765)	\$ (678,105)
Total fund surplus (deficit)	\$ (163,762)	\$ 628,653	\$ 397,323	\$ (5,175,162)	\$ 1,351,833	\$ (900,944)	\$ (845,917)	\$ (900,607)	\$ 960,415	\$ (129,461)	\$ (254,589)
Working capital balance	\$ 499,803	\$ 1,396,968	\$ 2,061,236	\$ 520,960	\$ 2,214,929	\$ 1,313,985	\$ 1,369,012	\$ 468,405	\$ 1,428,821	\$ 1,299,360	\$ 1,044,771
Target: 150 days of O&M	\$ 1,754,166	\$ 1,595,940	\$ 1,579,068	\$ 1,994,442	\$ 1,802,964	\$ 2,140,379	\$ 2,179,986	\$ 2,282,243	\$ 2,489,626	\$ 2,708,346	\$ 2,954,412

Notes:

- 1) FY23: no fee increase; FY24: 20% fee increase; FY25 - FY27: no fee increases
2) Assumed growth: 2% annually per five-year historical average
3) Assumed growth: 2% annually
4) Per attachment

5) Assumed growth: 2% annually

6) FY24: 6.4% increase per January 2023 CPI; FY25 - FY27: flat

7) Per attachment

8) Per attachment

9) FY27: FM0001

E. Capital Improvement Plan

The City Charter requires the City Manager to prepare and submit a Capital Improvement Plan (CIP) annually to the City Commission. The CIP is a five-year planning document for significant capital projects scheduled over a five-year planning period. Per the City's Comprehensive Plan, Section VIII, Goal 1, Objective 1.1, capital improvements will be provided to correct existing deficiencies, to accommodate desired future growth, and to replace dilapidated or obsolete facilities, as indicated in the five-year schedule of improvements designed to correct existing deficiencies. The City shall use clear guidelines when evaluating and prioritizing proposed capital improvement projects, including but not limited to the following:

1. The project is needed to eliminate a proven or obvious hazard to public health and safety
2. The project is needed to fulfill a legal commitment by the City
3. The project is needed to preserve, maintain, refurbish, achieve full use, or replace existing facilities
4. The project will provide or bring an existing facility up to an adopted level of service
5. The project will increase efficiency or use of existing facilities, prevents, or reduces future improvement cost, or provides service to all residents equitably
6. The project furthers policies adopted in other Elements of this Comprehensive Plan.
7. The project is needed to accommodate facility demands resulting from new development or re-development
8. The project will increase the economic base or quality of life of the residents
9. The project's impact on the City's budget both capital and operating, will be considered and the City's designated committee will consider the financial feasibility of the project
10. The project will be reviewed for consistency with relevant plans of other agencies having responsibility for public facilities within the City

The City's CIP for their wastewater assets is based on industry standards, the life expectancy of assets, life cycle analysis, and remaining useful life. **Appendix E** contains the Fiscal Year 2023 CIP from the City of St. Pete Beach Fiscal Year 2023 Adopted Budget.

The force main repair and replacement projects were determined by the Force Main Assessment performed by Kimley-Horn in 2017 based on an evaluation of condition, criticality, and remaining useful life. The I&I Repairs program addresses the rehabilitation of assets identified in the Inflow and Infiltration Report completed by Kimley-Horn in 2017. This report concluded that a majority of the wastewater system's pipes and manholes require some level of rehabilitation. As shown in the table above, the City intends to allocate money each year to perform I&I repairs throughout the system to reduce I&I. The air release valve replacement projects will be determined by the ARV evaluation that will be completed in 2023.

F. Funding Needs

Funding needs for the City are determined by calculating and reconciling the variance between planned projects and the approved budget. The funding need evaluation completed by the City is included in the following page.

Resolution 2023-01 Exhibit A

City of St. Pete Beach
Wastewater Fund

Capital Improvement Plan						
Per asset management report						
Asset # / Project	FY23	FY24	FY25	FY26	FY27	Total
PS001 (Pump Station 1)	3,500,000	-	-	-	-	3,500,000
FM0010 (Force Main 10)	650,000	-	-	-	-	650,000
FM0001 (Master Force Main)	-	600,000	-	-	15,000,000	15,600,000
FM0001 ARV replacement	50,000	-	-	-	-	50,000
FM0002 ARV replacement	-	100,000	-	-	-	100,000
FM0006	-	400,000	-	-	-	400,000
FM0017	-	-	-	500,000	-	500,000
Pump/lift station assessment	-	-	-	-	100,000	100,000
I&I rehabilitation	1,151,684	500,000	500,000	500,000	500,000	3,151,684
ARV evaluation	14,000	-	-	-	-	14,000
Force main assessment	-	-	-	-	100,000	100,000
CCTV system cleaning and inspection	-	1,000,000	-	-	-	1,000,000
Smoke testing	-	150,000	-	-	-	150,000
Model capacity report update	-	-	-	50,000	-	50,000
Total	\$ 5,365,684	\$ 2,750,000	\$ 500,000	\$ 1,050,000	\$ 15,700,000	\$ 25,365,684
Per FY 2023 amended budget and capital improvement plan						
Asset # / Project	FY23	FY24	FY25	FY26	FY27	Total
PS001 (Pump Station 1)	3,914,897	-	-	-	-	3,914,897
FM0010 (Force Main 10)	803,492	-	-	-	-	803,492
FM0001 (Master Force Main)	-	600,000	-	-	15,000,000	15,600,000
FM0001 ARV replacement	50,000	-	-	-	-	50,000
FM0002 ARV replacement	-	50,000	-	-	-	50,000
FM0006	-	-	-	-	-	-
FM0017	-	-	-	-	-	-
Pump/lift station assessment	-	-	-	-	-	-
I&I rehabilitation	1,952,136	500,000	500,000	500,000	500,000	3,952,136
ARV evaluation	-	-	-	-	-	-
Force main assessment	-	-	-	-	-	-
CCTV system cleaning and inspection	-	-	-	-	-	-
Smoke testing	-	-	-	-	-	-
Model capacity report update	-	-	-	-	-	-
Asset management	18,060	-	-	-	-	18,060
Lift station rehabilitation	25,493	-	-	-	-	25,493
Pump replacement	92,805	-	-	-	-	92,805
Collection system expansion	24,088	-	-	-	-	24,088
Valve repairs	399,336	-	-	-	-	399,336
Vehicle	65,000	-	-	-	-	65,000
Total	\$ 7,345,307	\$ 1,150,000	\$ 500,000	\$ 500,000	\$ 15,500,000	\$ 24,995,307
Variance and funding gaps						
	\$ (1,979,623)	\$ 1,600,000	\$ -	\$ 550,000	\$ 200,000	\$ 370,377
Reconciliation						
PS001 (Pump Station 1) - available funding	(414,897)	-	-	-	-	(414,897)
FM0010 (Force Main 10) - available funding	(153,492)	-	-	-	-	(153,492)
FM0002 ARV replacement - scope pending	-	50,000	-	-	-	50,000
FM0006 - project schedule	-	400,000	-	-	-	400,000
FM0017 - project schedule	-	-	-	500,000	-	500,000
Pump/lift station assessment - recently identified	-	-	-	-	100,000	100,000
I&I rehabilitation - available funding	(800,452)	-	-	-	-	(800,452)
ARV evaluation - recently identified	14,000	-	-	-	-	14,000
Force main assessment - recently identified	-	-	-	-	100,000	100,000
CCTV system cleaning and inspection - policy evaluation	-	1,000,000	-	-	-	1,000,000
Smoke testing - policy evaluation	-	150,000	-	-	-	150,000
Model capacity report update - recently identified	-	-	-	50,000	-	50,000
Asset management - available funding	(18,060)	-	-	-	-	(18,060)
Lift station rehabilitation - available funding	(25,493)	-	-	-	-	(25,493)
Pump replacement - available funding	(92,805)	-	-	-	-	(92,805)
Collection system expansion - available funding	(24,088)	-	-	-	-	(24,088)
Valve repairs - not identified in AMP	(399,336)	-	-	-	-	(399,336)
Vehicle - not identified in AMP	(65,000)	-	-	-	-	(65,000)
Total	(1,979,623)	1,600,000	-	550,000	200,000	370,377
Net	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

G. Population Growth and Flow Projections

Flow Projections

An analysis of projected population growth for the City is included in the ESRI 2010 Community Profile in **Appendix F**. The City experiences variations in population from seasonal residents and tourism. Projected wastewater flow for the City was estimated based on the maximum build-out potential of the City in accordance with density pool allocations per land use, as maintained within the City's comprehensive plan, land development code, and code of ordinances. Available Equivalent Residential Units (ERUs) were utilized to calculate the additional flow anticipated to be generated by development. A Reduced-Intensity Buildout Condition was also analyzed to estimate the development anticipated within the next ten years. **Table 4** below contains the wastewater flow projects and ERU analysis for three conditions: Current (2020), Reduced-Intensity Build-Out, and Maximum Build-Out Condition.

Table 4. ERU Analysis

Existing Condition (2020)	ADF (GPD) ¹	2,623,865
	ERUs ²	10,596
	GPD/ERU	248
Reduced-Intensity Build-Out Condition	ERUs ³	14,009
	Increase of ERUs	3,413
	% Increase	32%
	GPD/ERU ⁴	248
	Projected ADF (GPD)	3,474,232
Maximum Build-Out Condition	ERUs ³	15,405
	GPD/ERU ⁴	248
	Increase of ERUs	4,809
	% Increase	45%
	Projected ADF (GPD)	3,820,440

¹ City of St. Pete Beach Pump Station 1 Flow Meter Data (January 2019 – March 2020). This is the total flow discharged from St. Pete Beach including inflow and infiltration.

² Estimated based on 2020 Pinellas County property use data per parcel

³ Based on the CRD Buildout Scenarios spreadsheet provided by the City of St. Pete Beach on 03/01/2021. The parcels outside of the Community Redevelopment District (CRD) were considered to be built out in the existing condition, therefore, the Existing Condition (2020) ERUs were used to calculate the Maximum Build-Out ERUs outside of the CRD.

⁴ The GPD/ERU as established for the Existing Condition (2020) was used to project the Maximum Build-Out Average Daily Flow (ADF)

The City maintains a wholesale wastewater agreement with the City of St. Petersburg to receive and treat the City's wastewater, included in **Appendix G**. The agreement currently establishes the City's wastewater flow rate at 2.90 MGD Annual Average Daily Flow (AADF). The City's flow projections are communicated with the City of St. Petersburg to ensure infrastructure improvements can be implemented to provide additional capacity at the receiving pump station and wastewater treatment plant. A summary of the historical and projected flows is included in the following pages.

City of St. Pete Beach
Wastewater Fund

Projected treatment expenses

<u>Flow History/Projection</u>	Flow rate	Annual flows	Capital charge	Total expense
FY 2016	2,052	1,090,000,000	624,984	2,861,664
FY 2017	2,032	1,048,000,000	622,608	2,752,144
FY 2018	2,098	954,000,000	1,370,832	3,372,324
FY 2019	2,274	952,000,000	1,484,484	3,649,332
FY 2020	2,402	935,000,000	1,371,552	3,617,422
FY 2021	2,757	959,000,000	1,078,632	3,722,595
FY 2022	2,861	928,000,000	1,132,848	3,787,856
FY 2023 (adopted)	3,022	947,000,000	1,273,020	4,134,854
FY 2024	3,249	911,039,000	1,493,992	4,453,638
FY 2025	3,492	911,421,000	1,753,320	4,936,274
FY 2026	3,754	902,556,000	2,057,662	5,446,057
FY 2027	4,036	893,778,000	2,414,832	6,021,931

Annual change

FY2017	-1.0%	-3.9%	-0.4%
FY 2018	3.2%	-9.0%	120.2%
FY 2019	8.4%	-0.2%	8.3%
FY 2020	5.6%	-1.8%	-7.6%
FY 2021	14.8%	2.6%	-21.4%
FY 2022	3.8%	-3.2%	5.0%
FY 2023	5.6%		
Avg growth	5.8%	-2.6%	17.4%

St. Petersburg model

7.5%

Development assumptions

Project	FY	ERU Growth	Consumption	Flow increase
Miramar	2025	24	36,000	864,000
Corey Landings	2025	235.27	36,000	8,469,720

I&I assumptions

Historic investment

FY 2016	391,924
FY 2017	1,676,379
FY 2018	1,353,046
FY 2019	550,586
FY 2020	398,452
FY 2021	551,573
FY 2022	426,327
	<u>5,348,287</u>

City of St. Pete Beach
Wastewater Fund

Projected treatment expenses	
Cumulative flow reduction	-14.9%
Planned investment:	
FY 2023	1,952,136
FY 2024	500,000
FY 2025	500,000
FY 2026	500,000
FY 2027	500,000
	<u>3,952,136</u>
Assumed flow reduction (discounted 30%):	
FY 2024	-3.8%
FY 2025	-1.0%
FY 2026	-1.0%
FY 2027	-1.0%

Note:

No true-up assessments or credits forecasted

Connection Fee Schedule

The following page shows the City's service charge and connection fee for new developments. The ERU growth is multiplied by the service charge and connection fee to determine revenue for the City.

City of St. Pete Beach
Wastewater Fund

Projected development-related revenue growth							
Project	FY	ERU Growth	Consumption	Discount Factor		Fee	Revenue
Charges for service							
Miramar	2025	24	36,000	-	\$	38.82	11,180
Corey Landings	2025	235.27	36,000	-	\$	38.82	109,598
Connection fees							
Miramar	2023	24	-	0.25	\$	3,216	57,000
Corey Landings	2023	235.27	-	0.25	\$	3,216	560,000

H. Funding Rate Structure

The City's funding rate structure is based on secured and anticipated funding sources the City will utilize to complete projects. The rate structure is also utilized to determine future funding needs. The following page includes the City's funding rate structure.

I. Threshold Rate

The City's threshold rate is set to ensure proper operation of the utility. If the City transfers any utility proceeds to other City funds, the rates must be set higher than the threshold rate to ensure operation of the City's wastewater utility system is successful. The following page includes the City's established threshold rate.

City of St. Pete Beach
Wastewater Fund

Minimum Operating Rate											
	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Actual	FY 2023 Adopted	FY 2023 Estimated	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected	FY 2027 Projected
Revenue											
Charges for service	4,340,387	4,194,836	4,119,498	5,224,235	4,900,531	5,662,500	5,813,500	6,070,200	6,701,968	7,344,623	7,987,277
Miscellaneous	-	125	75	-	3,942	-	-	-	-	-	-
FEMA reimbursement	211,839	-	-	-	-	-	-	-	-	-	-
Total	\$ 4,552,226	\$ 4,194,961	\$ 4,119,573	\$ 5,224,235	\$ 4,904,473	\$ 5,662,500	\$ 5,813,500	\$ 6,070,200	\$ 6,701,968	\$ 7,344,623	\$ 7,987,277
Expenditures											
Personnel:											
Wages, taxes	294,750	274,767	277,944	289,897	268,261	413,995	413,995	422,275	430,720	439,335	448,122
Retirement, insurance	176,584	171,007	114,964	108,020	93,293	100,200	100,200	102,204	104,248	106,333	108,460
Operating:											
Wastewater treatment	3,510,749	3,047,824	3,041,587	3,959,743	3,326,295	4,130,000	4,130,000	4,453,638	4,936,274	5,446,057	6,021,931
Operating supplies and repairs	286,388	389,856	407,905	495,483	739,097	564,060	660,437	575,341	586,848	598,585	610,557
G&A expense	247,300	254,719	262,361	364,800	452,000	448,000	448,000	512,478	586,236	670,609	767,126
Total	\$ 4,515,771	\$ 4,138,173	\$ 4,104,761	\$ 5,217,943	\$ 4,878,946	\$ 5,656,255	\$ 5,752,632	\$ 6,065,937	\$ 6,644,327	\$ 7,260,919	\$ 7,956,195
Operating surplus (deficit)	\$ 36,455	\$ 56,788	\$ 14,812	\$ 6,292	\$ 25,527	\$ 6,245	\$ 60,868	\$ 4,263	\$ 57,642	\$ 83,704	\$ 31,082
Applicable base rate	\$ 33.91	\$ 33.91	\$ 36.28	\$ 38.82	\$ 38.82	\$ 38.82	\$ 38.82	\$ 46.58	\$ 46.58	\$ 46.58	\$ 46.58
Breakeven discount	35%	36%	38%	31%	35%	25%	23%	33%	27%	20%	13%
Threshold rate	\$ 22.04	\$ 21.70	\$ 22.49	\$ 26.79	\$ 25.23	\$ 29.12	\$ 29.89	\$ 31.21	\$ 34.01	\$ 37.27	\$ 40.53

J. Preservation, Renewal, and Replacement of Assets

The intent of this section is to outline the City's plan for the preservation, renewal, and replacement of its wastewater assets, as well as a risk-benefit analysis to determine the optimum renewal or replacement time. Each sub-section details a specific category of wastewater system assets.

Lift Stations

The City's lift stations are maintained per the City of St. Pete Beach Pump Evaluation and Maintenance Program, included in **Appendix H**. The Pump Evaluation and Maintenance Program outlines preventative maintenance to be performed by the City and includes station pump down procedures, pump overhaul schedules, maintenance, and inspection check lists as well as flow calibration methods to be used by operators. The results of these inspections are used to inform the City of future lift station rehabilitation efforts.

A summary of the City's lift station rehabilitation and replacement efforts for the next five years is included in **Table 5** below. Pump overhaul and routine maintenance are not included as a capital project expense. In addition to the pump overhaul and routine maintenance, it is also recommended that the City complete a Pump and Lift Station Assessment every 15 years starting in 2027 to identify any infrastructure requiring rehabilitation or replacement.

Table 5. Pump/Lift Station Project Schedule (2023-2027)

Project/Asset	Pump/Lift Station Project Schedule									
	2023		2024		2025		2026		2027	
	Project	OPC	Project	OPC	Project	OPC	Project	OPC	Project	OPC
PS001	D&C	\$3.5 Mil.	-	-	-	-	-	-	-	-
Pump/Lift Station Assessment	-	-	-	-	-	-	-	-	D	\$100k

*Design (D); Construction (C); Design & Construction (D&C)

The opinion of probable costs (OPC) included are high-level estimates based on preliminary design information, and do not reflect final design or construction costs. The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

Force Mains and ARVs

The City's force mains are maintained by City staff. The City of St. Pete Beach Force Main Post Assessment Report completed in 2018 identified the remaining service life of the City's force

mains to establish a replacement schedule. It is recommended a force main assessment is completed every 10 years until all force main replacements have been completed. **Appendix B, Table 4** lists the last time each force main was replaced and when future replacements are recommended.

While there is adequate remaining useful life of the City's master force main (FM001), it is the sole pipeline that transmits flow off the island. There is no redundancy in the current design of the wastewater transmission system. To address these concerns, the City authorized Kimley-Horn to complete a Preliminary Design Report to evaluate the design and construction of a redundant or replacement force main.

The City will evaluate existing ARVs for repair or replacement as part of the ARV maintenance program in 2023. In addition, the City will evaluate existing force mains that require ARVs to extend the useful life of the infrastructure. Additional recommendations for improvements are listed below:

- ARV Replacement for FM0001 and FM0002
- Asset identification and mapping of valves
- Routine (monthly) valve exercise

A summary of the proposed force main rehabilitation and replacement efforts for the next five years is included in **Table 6** below.

Table 6. Force Main Project Schedule (2023-2027)

Asset	Force Main Project Schedule									
	2023		2024		2025		2026		2027	
	Project	OPC	Project	OPC	Project	OPC	Project	OPC	Project	OPC
FM0001	-	-	D	\$600K	-	-	-	-	C	\$15 MIL
FM0006	-	-	D&C	\$400K	-	-	-	-	-	-
FM0010	C	\$650k	-	-	-	-	-	-	-	-
FM0017	-	-	-	-	-	-	D&C	\$500K	-	-
ARV Evaluation	D	\$14K	-	-	-	-	-	-	-	-
ARV Replacement	C	\$50k	C	\$100k	-	-	-	-	-	-
Force Main Assessment	-	-	-	-	-	-	-	-	D	\$100k

*Design (D); Construction (C); Design & Construction (D&C)

The opinion of probable costs (OPC) included are high-level estimates based on preliminary design information, and do not reflect final design or construction costs. The Engineer has no control

over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

Collection System (Gravity Mains and Manholes)

The City has a Pipeline and Manhole Rehabilitation Program in place to evaluate the condition of gravity mains and manholes and perform rehabilitation as necessary to reduce I&I. Repairs are prioritized based on the findings of the Inflow and Infiltration Report and the City of St. Pete Beach Model Capacity Report. **Appendix I** shows a geographical representation of the I&I repairs completed to date. **Appendix B, Tables 5 and 6** include the prioritization and required repairs for each of the City's gravity mains and manholes. Funding is currently allocated in the CIP annually for I&I repairs of the collection system.

Collection system evaluation, including cleaning, CCTV inspection, and NASSCO ratings for gravity pipelines and manholes, is recommended to take place every five (5) years to continuously evaluate the condition of the City's wastewater system and identify ways to reduce inflow and infiltration (I&I). The condition and recommendation for rehabilitation should be established and re-prioritized based on the results of these inspections. It is recommended that the prioritization of rehabilitation and replacement be evaluated based on I&I contribution in each sewer shed and infrastructure criticality, in addition to overall condition. Ideally, City projects such as repaving and roadway improvements will also be correlated to wastewater system repairs to prevent undue restoration costs to new infrastructure.

Sewer smoke testing should be performed to identify significant contributors of I&I and determine the location of any illegal connections to the system and other sources of stormwater inflow. It is recommended that the City perform smoke testing every five (5) years. It is recommended that a public relations program be in place to communicate when there is a possibility of smoke entering a home or a building during smoke testing. Smoke testing procedures should include how line segments are isolated, the maximum amount of line to be smoked at one time, and the weather conditions under which smoke testing is conducted. Dye testing may also be performed to confirm the results of smoke testing.

The City's wastewater system hydraulic model should be updated at a minimum of every five (5) years to reflect current flow data and changes to infrastructure throughout the City. Updates may need to occur more frequently in the event of significant changes to the infrastructure or an increase in flow from development. It is also recommended that the City identify and map sanitary sewer laterals.

A summary of the proposed gravity main and manhole rehabilitation and replacement efforts for the next five years is included in **Table 7** below.

Table 7. Collection System Project Schedule (2023-2027)

Asset	Collection System Project Schedule				
	2023	2024	2025	2026	2027
CCTV System Cleaning & Inspection	-	\$1,000,000	-	-	-
Smoke Testing	-	\$150,000	-	-	-
Model Capacity Report Update	-	-	-	\$50,000	-
I&I Rehabilitation	\$1,151,684	\$500,000	\$500,000	\$500,000	\$500,000

The opinion of probable costs (OPC) included are high-level estimates based on preliminary design information, and do not reflect final design or construction costs. The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

Fats, Oils, and Grease (FOG) Program

In 2017, the City adopted a FOG program to combat the buildup of fats, oils, and grease in the collection system by City Ordinance 2017-23. The FOG Program includes education, regular inspection, and sewer cleaning. FOG problem areas in the system are identified from historical work orders, SSOs due to grease, and interviews with staff involved in sewer cleaning. These problem areas help focus regulation, outreach, and cleaning efforts. The City has the authority to regulate discharges of grease to the collection system and are authorized to inspect facilities. All commercial and industrial grease-generating facilities are required to install grease interceptors or grease removal devices. Facilities are required to maintain their grease interceptors and keep records of their maintenance and operation, including when the interceptor is cleaned, and accumulated grease is removed. It is recommended that the City's wastewater GIS geodatabase be updated to include all grease traps and their locations. It is recommended that the wastewater geodatabase include pertinent information about grease traps such as condition, contact numbers, instances of non-compliance, and date of installation.

Summary of Recommended Preservation, Renewal, and Replacement Improvement Efforts

A summary of known recommended improvements for the City of St. Pete Beach wastewater system over a 20-year planning horizon is included in **Table 8** on the next page.

Table 8. St. Pete Beach Wastewater Project Schedule (2023-2042)

Asset/Project	St. Pete Beach Wastewater Project Schedule																			
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
FM0001 Replacement	-	\$600,000	-	-	\$15,000,000	-	-	-	-	-	-	-	-	-	-	\$600,000	\$20,000,000	-	-	-
FM0006 Replacement	-	\$400,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FM0010 Replacement	\$650,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FM0017 Replacement	-	-	-	\$500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARV Evaluation	\$14,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARV Replacement	\$50,000	\$100,000	-	-	-	-	-	\$50,000	\$50,000	-	-	-	-	-	-	-	-	-	-	-
PS001 Rehabilitation	\$3,500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCTV System Cleaning & Inspection	-	\$1,000,000	-	-	-	-	\$750,000	-	-	-	-	\$750,000	-	-	-	-	\$750,000	-	-	-
Smoke Testing	-	\$150,000	-	-	-	-	\$150,000	-	-	-	-	\$150,000	-	-	-	-	\$150,000	-	-	-
Model Capacity Report Update	-	-	-	\$50,000	-	-	-	-	\$50,000	-	-	-	-	\$50,000	-	-	-	-	\$50,000	-
Force Main Assessment	-	-	-	-	\$100,000	-	-	-	-	-	-	-	-	-	\$100,000	-	-	-	-	-
Pump/Lift Station Assessment	-	-	-	-	\$100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$100,000
I&I Rehabilitation	\$1,151,684	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Asset Management ¹	-	\$25,000	\$200,000	\$25,000	\$25,000	\$25,000	\$25,000	\$200,000	\$25,000	\$25,000	\$25,000	\$25,000	\$200,000	\$25,000	\$25,000	\$25,000	\$25,000	\$200,000	\$25,000	\$25,000

1. Asset Management may include projects such as valve, lateral, and grease trap mapping updates, as well as updates to the asset management report, to include the City’s stormwater and roadway infrastructure

K. Water and Energy Conservation Plan

Per the City's Comprehensive Plan, the City's goal is to ensure the highest environmental quality possible and appropriately manage and where appropriate, restore, or enhance its natural resources (aquatic, wetland, air, and terrestrial).

The City shall continue to conserve, appropriately use, and protect the quality and quantity of current waters that flow into estuarine waters or oceanic waters and protect from activities and land uses known to adversely affect the quality and quantity of identified water sources.

The City shall promote water conservation as an integral part of water management programs, rules, and plans and promote the use of reclaimed water for irrigation. Reclaimed water for irrigation shall not be utilized in excess and shall be implemented to prevent runoff into stormwater systems and ultimately surrounding water bodies. Reclaimed water availability shall be coordinated with Pinellas County and conservation efforts shall be utilized as necessary.

The City shall continue to cooperate with the Southwest Florida Water Management District (SWFWMD), Pinellas County, and Tampa Bay Water (TBW) to conduct water conservation programs. In the event a water shortage is declared, the City shall support the SWFWMD, Pinellas County, and TBW's Water Shortage Plan in accordance with Chapter 40D-21, Florida Administrative Code (F.A.C.).

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1. ESRI, *City of St. Pete Beach 2010 Community Analyst Report* West Redwoods, VA, 2020
Retrieved August 31,2020
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3. Kimley-Horn and Associates, Inc., *City of St. Pete Beach Force Main Post Assessment Report*, Tampa, FL, 2018
4. Kimley-Horn and Associates, Inc., *City of St. Pete Beach Inflow and Infiltration Report*, Tampa, FL, 2017
5. Kimley-Horn and Associates, Inc., *City of St. Pete Beach Model Capacity Report*, Tampa, FL, 2016
6. Kimley-Horn and Associates, Inc. *City of St. Pete Beach Model Capacity Report*, St. Petersburg, FL, 2019
7. Kimley-Horn and Associates, Inc., *City of St. Pete Beach Pump Evaluation and Maintenance Program*, Tampa, FL, 2018
8. NASSCO, *Pipeline Assessment Certification Program Reference Manual*, Owings Mills, MD, 2010
9. Kimley-Horn and Associates, Inc., *City of St. Pete Beach 2022 Model Capacity Report*, St. Petersburg, FL, 2022

APPENDICES

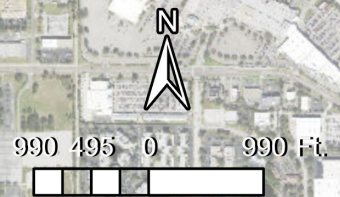
APPENDIX A: Wastewater System Geographical Exhibit

OVERALL MASTER FORCE MAIN EXHIBIT

Legend

February 2023

- St. Pete Beach Master Force Main
- Treasure Island Master Force Main
- Combined Force Main
- - - - - Active Force Main
- L Lift Station
- V Valve Vault
- - - - - Subaqueous Crossing

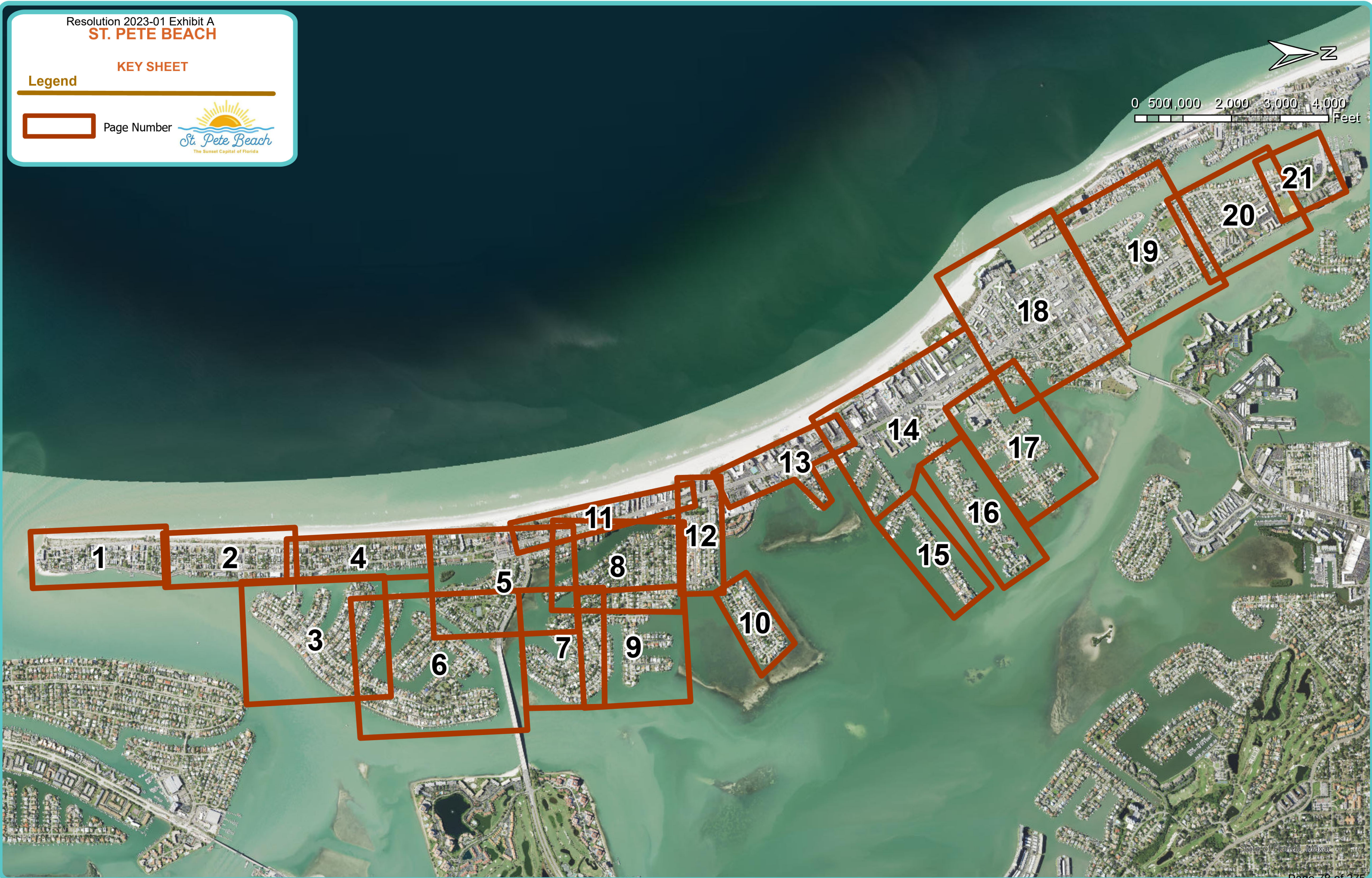


KEY SHEET

Legend



Page Number



ST. PETE BEACH
SANITARY SEWER SYSTEM
Service Area 5 - Page 1

Legend

FEBRUARY 2023

-  Conflict Structure

 Clean Out

 ARV

 Lift Station

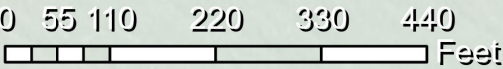
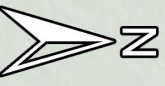
 Active Manhole

 Abandoned Manhole

 Point Repair
-  Active Force Main

 Active Gravity Main

 Abandoned Pipe

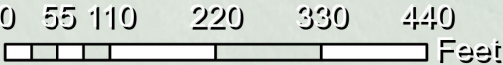


ST. PETE BEACH
SANITARY SEWER SYSTEM
Service Area 4 - Page 2

Legend

FEBRUARY 2023

- | | |
|---|---|
|  Conflict Structure |  Active Force Main |
|  Clean Out |  Active Gravity Main |
|  ARV |  Abandoned Pipe |
|  Lift Station | |
|  Active Manhole | |
|  Abandoned Manhole | |
|  Point Repair | |



ST. PETE BEACH SANITARY SEWER SYSTEM

Service Area 6 - Page 3

Legend

FEBRUARY 2023

- Conflict Structure
- Clean Out
- ARV
- Lift Station
- Active Manhole
- Abandoned Manhole
- Point Repair
- Active Force Main
- Active Gravity Main
- Abandoned Pipe



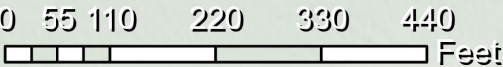
ST. PETE BEACH
SANITARY SEWER SYSTEM

Service Area 3 - Page 4

Legend

FEBRUARY 2023

- Conflict Structure
- Clean Out
- ARV
- Lift Station
- Active Manhole
- Abandoned Manhole
- Point Repair
- Active Force Main
- Active Gravity Main
- Abandoned Pipe



ST. PETE BEACH SANITARY SEWER SYSTEM

Service Area 3 - Page 5

Legend

FEBRUARY 2023

- Conflict Structure
- Clean Out
- ARV
- Lift Station
- Active Manhole
- Abandoned Manhole
- Point Repair
- Active Force Main
- Active Gravity Main
- Abandoned Pipe



ST. PETE BEACH SANITARY SEWER SYSTEM

Service Area 17 - Page 6

Legend

FEBRUARY 2023

- | | | | |
|--|--------------------|---|---------------------|
|  | Conflict Structure |  | Active Force Main |
|  | Clean Out |  | Active Gravity Main |
|  | ARV |  | Abandoned Pipe |
|  | Lift Station | | |
|  | Active Manhole | | |
|  | Abandoned Manhole | | |
|  | Point Repair | | |



0 70 140 280 420 560
Feet



SANITARY SEWER SYSTEM

Service Area 8 - Page 7

Legend

FEBRUARY 2023

- Conflict Structure
- Clean Out
- ARV
- Lift Station
- Active Manhole
- Abandoned Manhole
- Point Repair
- Active Force Main
- Active Gravity Main
- Abandoned Pipe



0 55 110 220 330 440 Feet



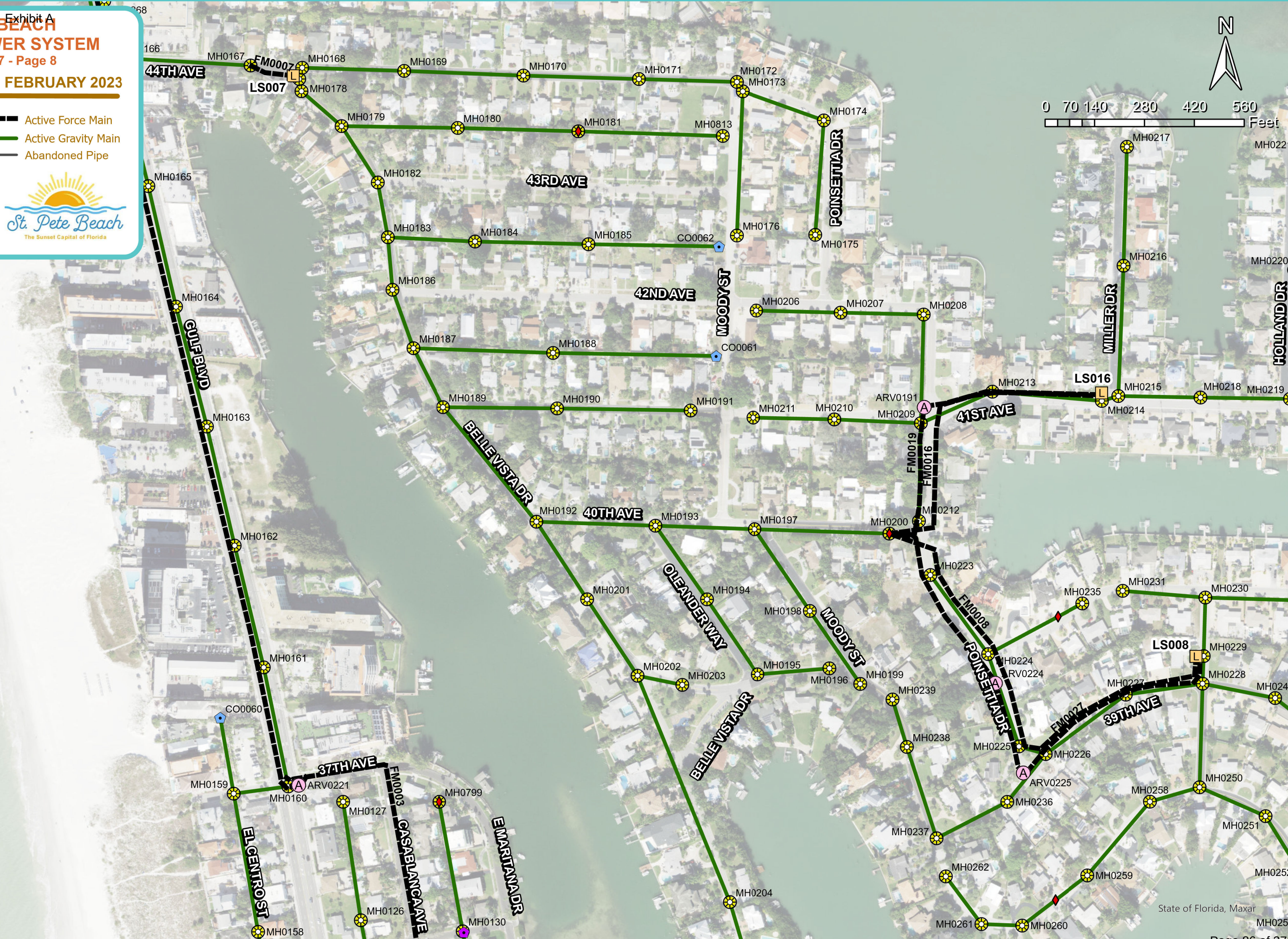
ST. PETE BEACH SANITARY SEWER SYSTEM

Service Area 7 - Page 8

Legend

FEBRUARY 2023

- Conflict Structure
- Clean Out
- ARV
- Lift Station
- Active Manhole
- Abandoned Manhole
- Point Repair
- Active Force Main
- Active Gravity Main
- Abandoned Pipe



SANITARY SEWER SYSTEM

Service Area 16 - Page 9

Legend

FEBRUARY 2023

-  Conflict Structure

 Clean Out

 ARV

 Lift Station

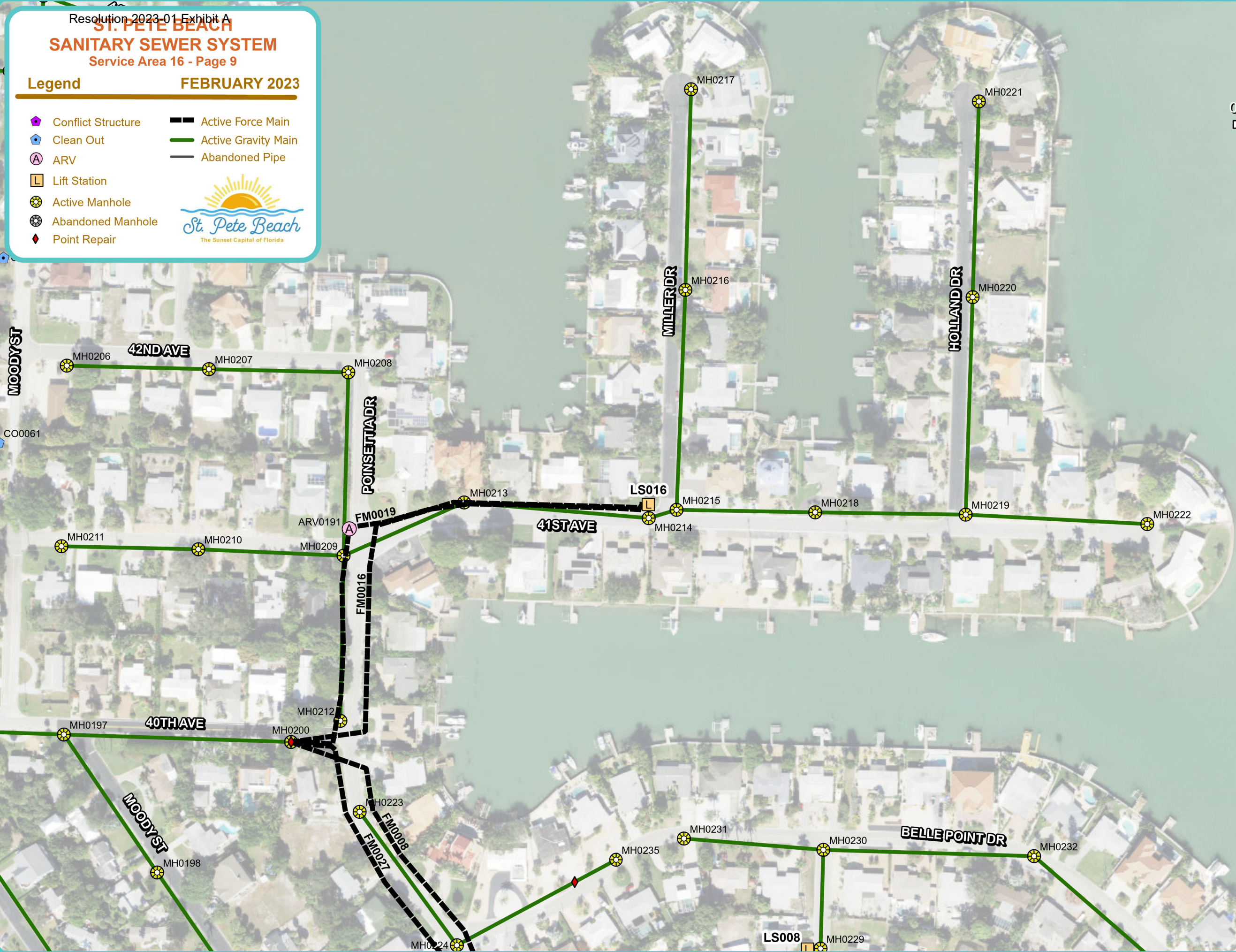
 Active Manhole

 Abandoned Manhole

 Point Repair
-  Active Force Main

 Active Gravity Main

 Abandoned Pipe



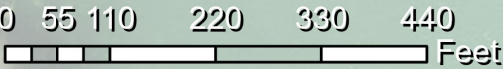
ST. PETE BEACH
SANITARY SEWER SYSTEM

Service Area 9 - Page 10

Legend

FEBRUARY 2023

- | | |
|---|---|
|  Conflict Structure |  Active Force Main |
|  Clean Out |  Active Gravity Main |
|  ARV |  Abandoned Pipe |
|  Lift Station | |
|  Active Manhole | |
|  Abandoned Manhole | |
|  Point Repair | |



ST. PETE BEACH
SANITARY SEWER SYSTEM

Service Area 2 - Page 11

Legend

FEBRUARY 2023

- ◆

 Conflict Structure
- ◆

 Clean Out
- ⊙

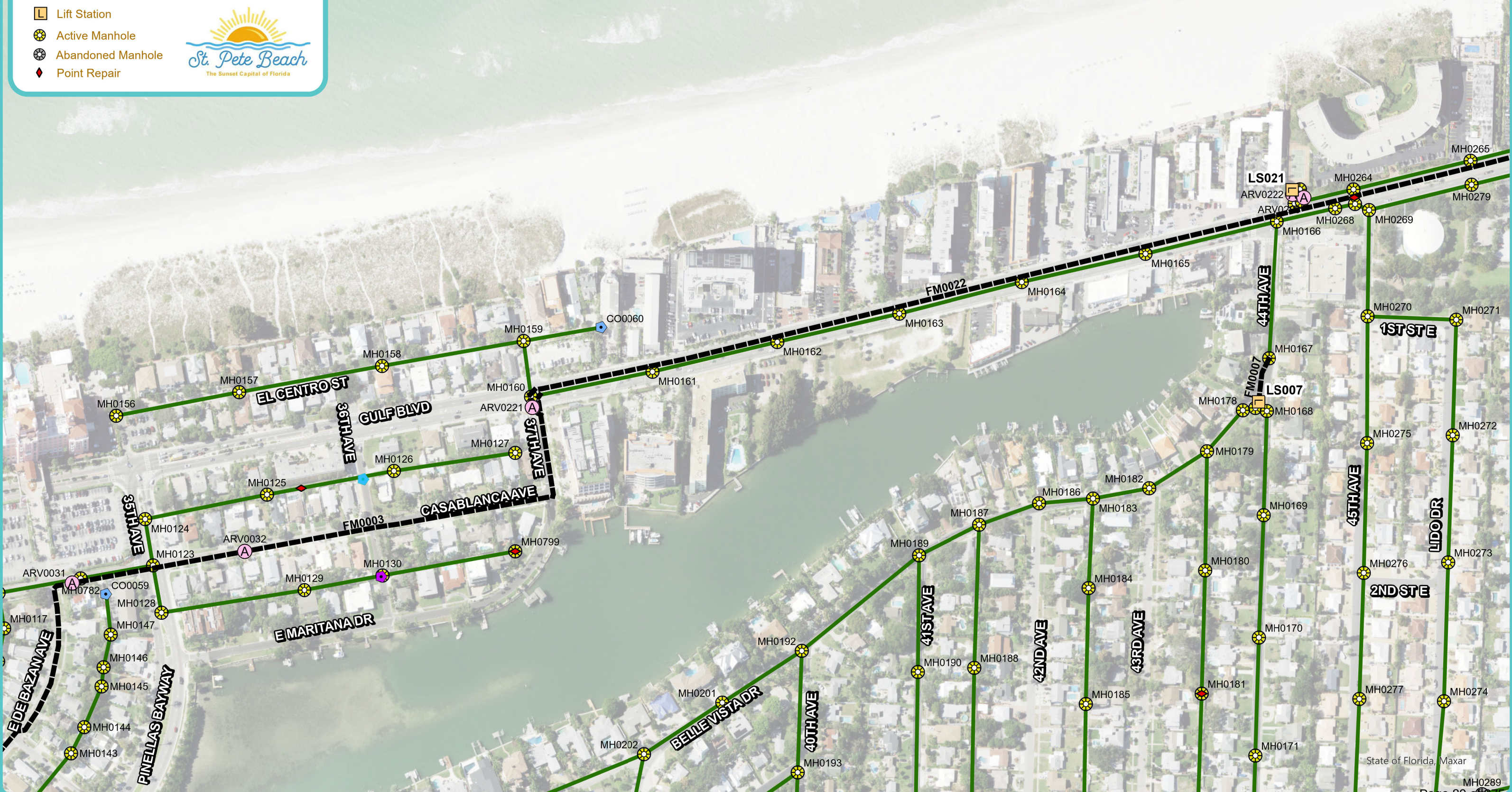
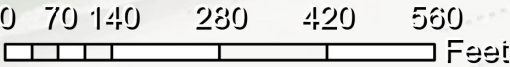
 ARV
- ⌚

 Lift Station
- ⊙

 Active Manhole
- ⊙

 Abandoned Manhole
- ◆

 Point Repair
- Active Force Main
- Active Gravity Main
- Abandoned Pipe



FEBRUARY 2023

- 



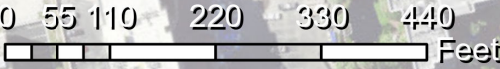
ST. PETE BEACH
SANITARY SEWER SYSTEM

Service Area 2 - Page 13

Legend

FEBRUARY 2023

- | | | | |
|--|--------------------|---|---------------------|
|  | Conflict Structure |  | Active Force Main |
|  | Clean Out |  | Active Gravity Main |
|  | ARV |  | Abandoned Pipe |
|  | Lift Station | | |
|  | Active Manhole | | |
|  | Abandoned Manhole | | |
|  | Point Repair | | |



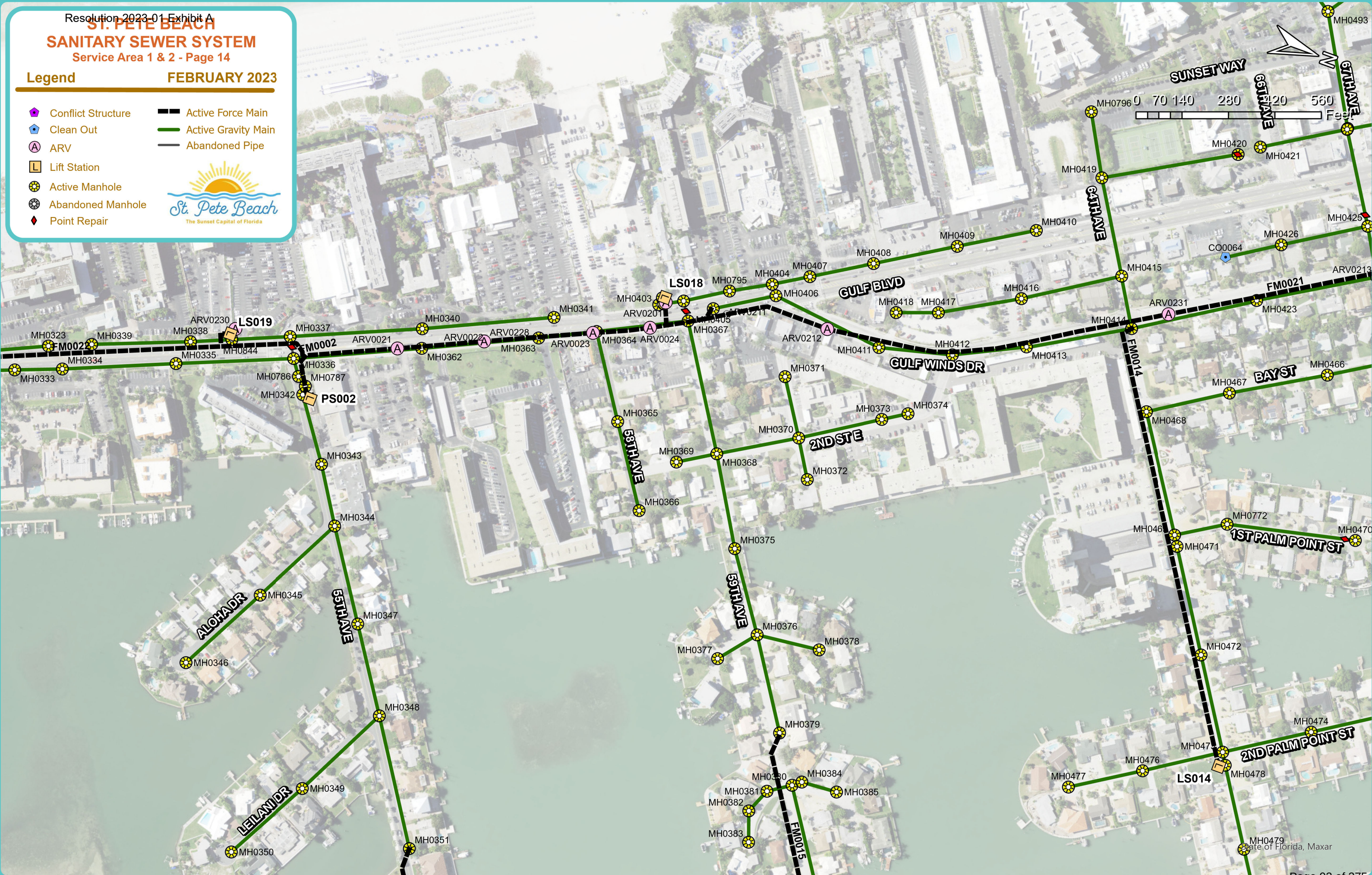
ST. PETE BEACH
SANITARY SEWER SYSTEM

Service Area 1 & 2 - Page 14

Legend

FEBRUARY 2023

- | | |
|---|---|
|  Conflict Structure |  Active Force Main |
|  Clean Out |  Active Gravity Main |
|  ARV |  Abandoned Pipe |
|  Lift Station | |
|  Active Manhole | |
|  Abandoned Manhole | |
|  Point Repair | |



SANITARY SEWER SYSTEM

Service Area 13 - Page 15

Legend

FEBRUARY 2023

- 

Conflict Structure
- 

Clean Out
- 

ARV
- 

Lift Station
- 

Active Manhole
- 

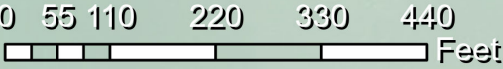
Abandoned Manhole
- 

Point Repair
- 

Active Force Main
- 

Active Gravity Main
- 

Abandoned Pipe



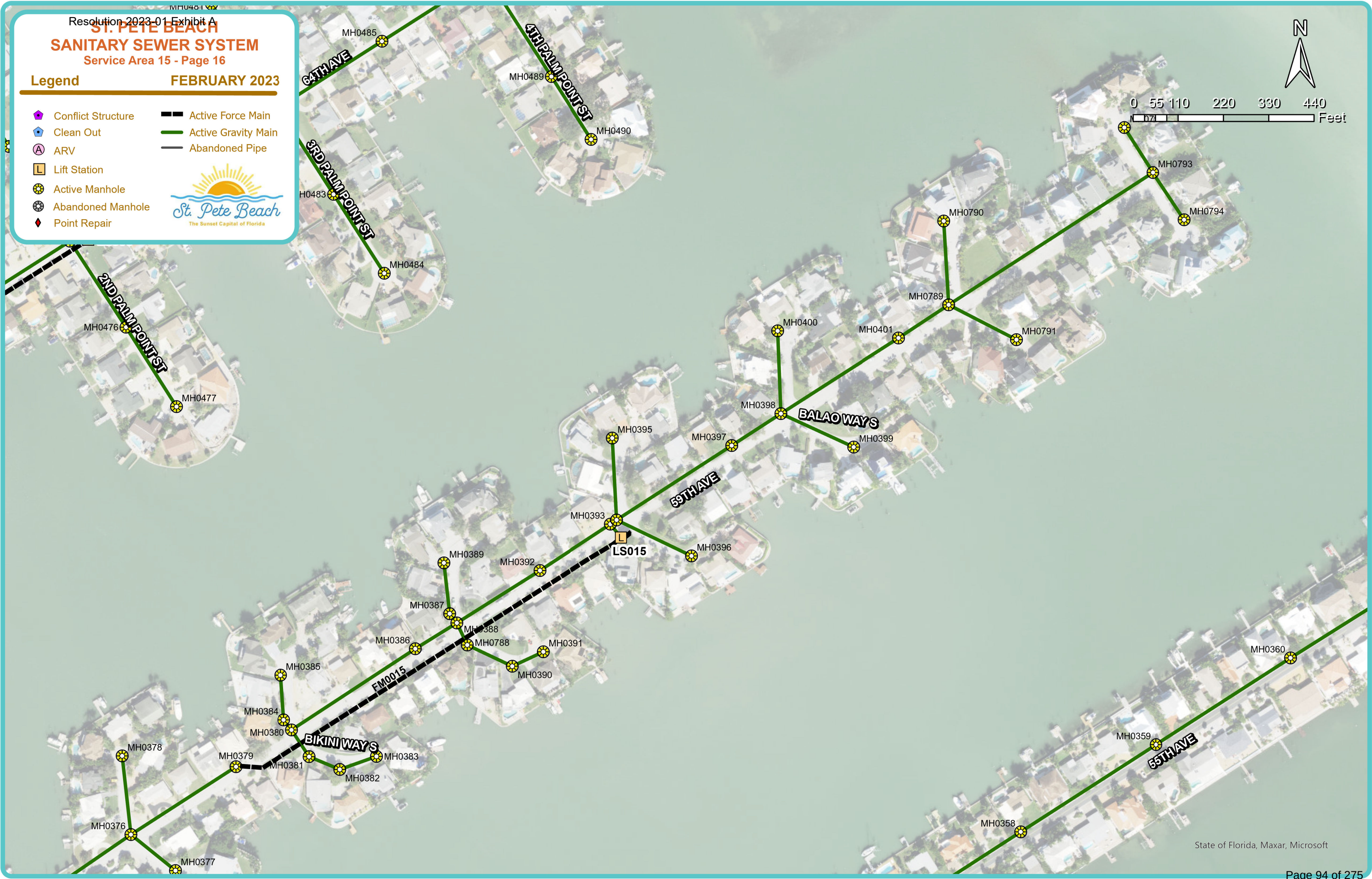
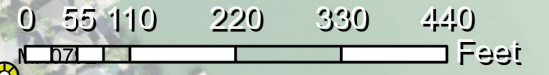
ST. PETE BEACH SANITARY SEWER SYSTEM

Service Area 15 - Page 16

Legend

FEBRUARY 2023

- | | |
|--|---|
|  Conflict Structure |  Active Force Main |
|  Clean Out |  Active Gravity Main |
|  ARV |  Abandoned Pipe |
|  Lift Station | |
|  Active Manhole | |
|  Abandoned Manhole | |
|  Point Repair | |



ST. PETE BEACH SANITARY SEWER SYSTEM

Service Area 14 - Page 17

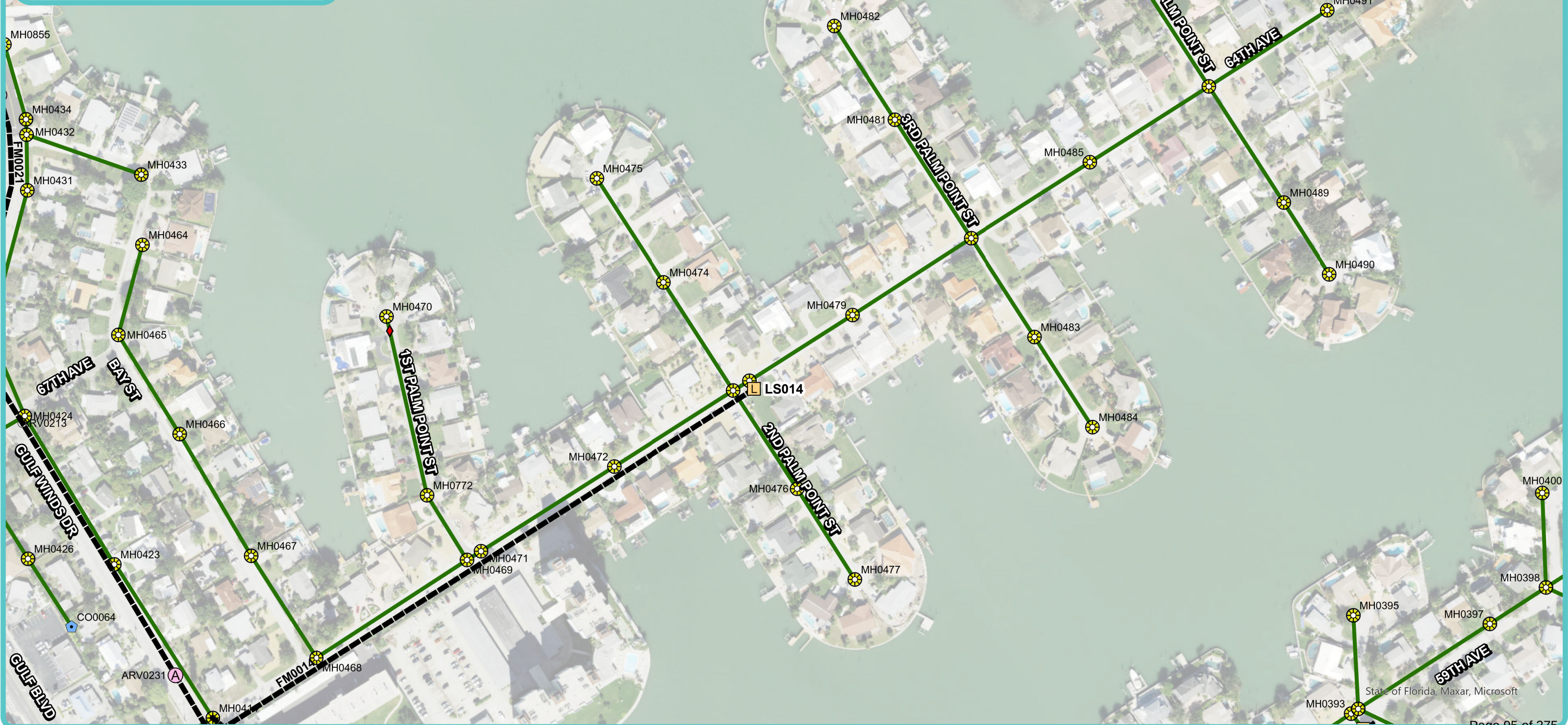
Legend

FEBRUARY 2023

- | | |
|--|---|
|  Conflict Structure |  Active Force Main |
|  Clean Out |  Active Gravity Main |
|  ARV |  Abandoned Pipe |
|  Lift Station | |
|  Active Manhole | |
|  Abandoned Manhole | |
|  Point Repair | |



0 55 110 220 330 440 Feet



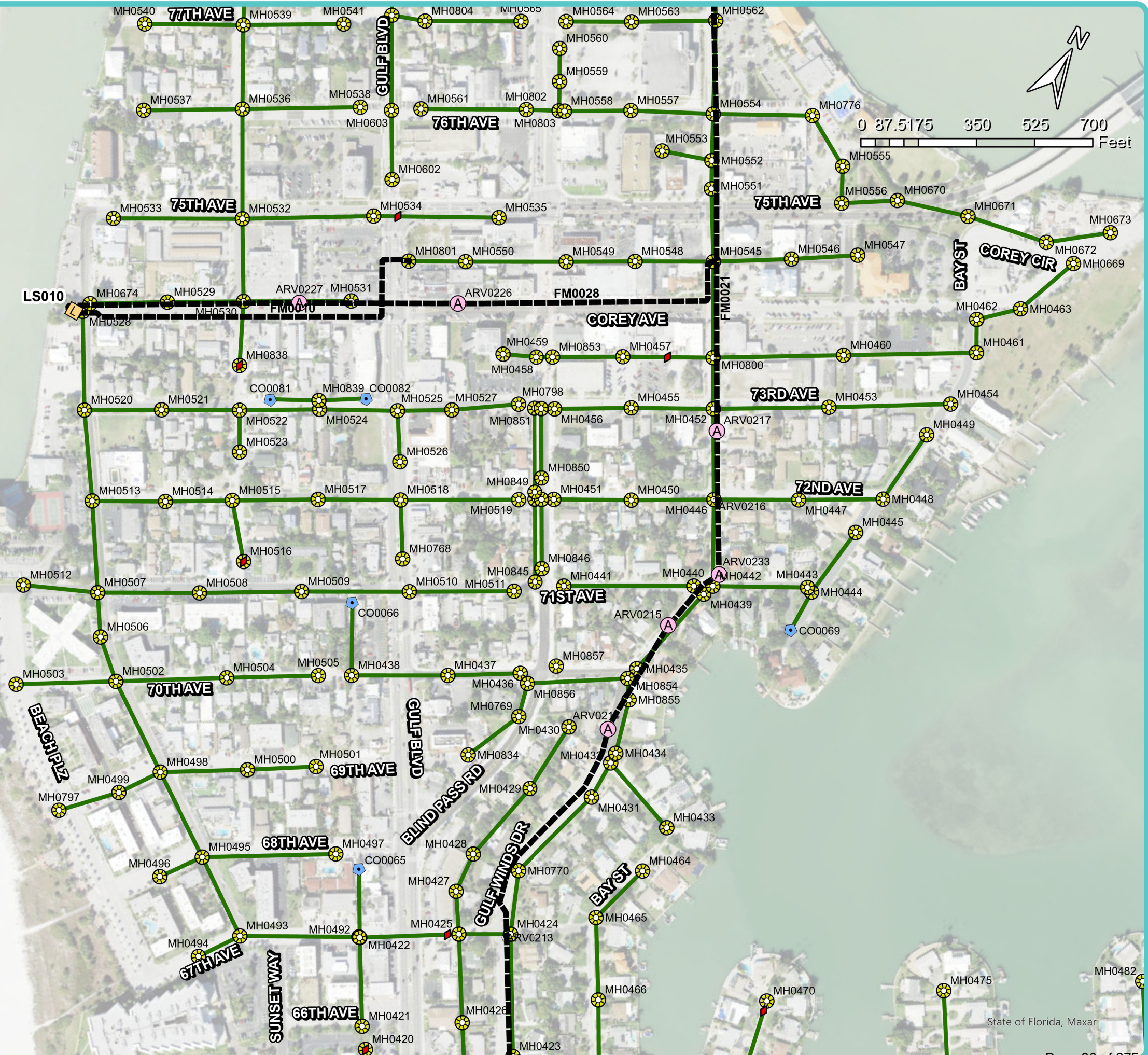
ST. PETE BEACH SANITARY SEWER SYSTEM

Service Area 1 & 10 - Page 18

Legend

FEBRUARY 2023

- Conflict Structure
- Clean Out
- ARV
- Lift Station
- Active Manhole
- Abandoned Manhole
- Point Repair
- Active Force Main
- Active Gravity Main
- Abandoned Pipe



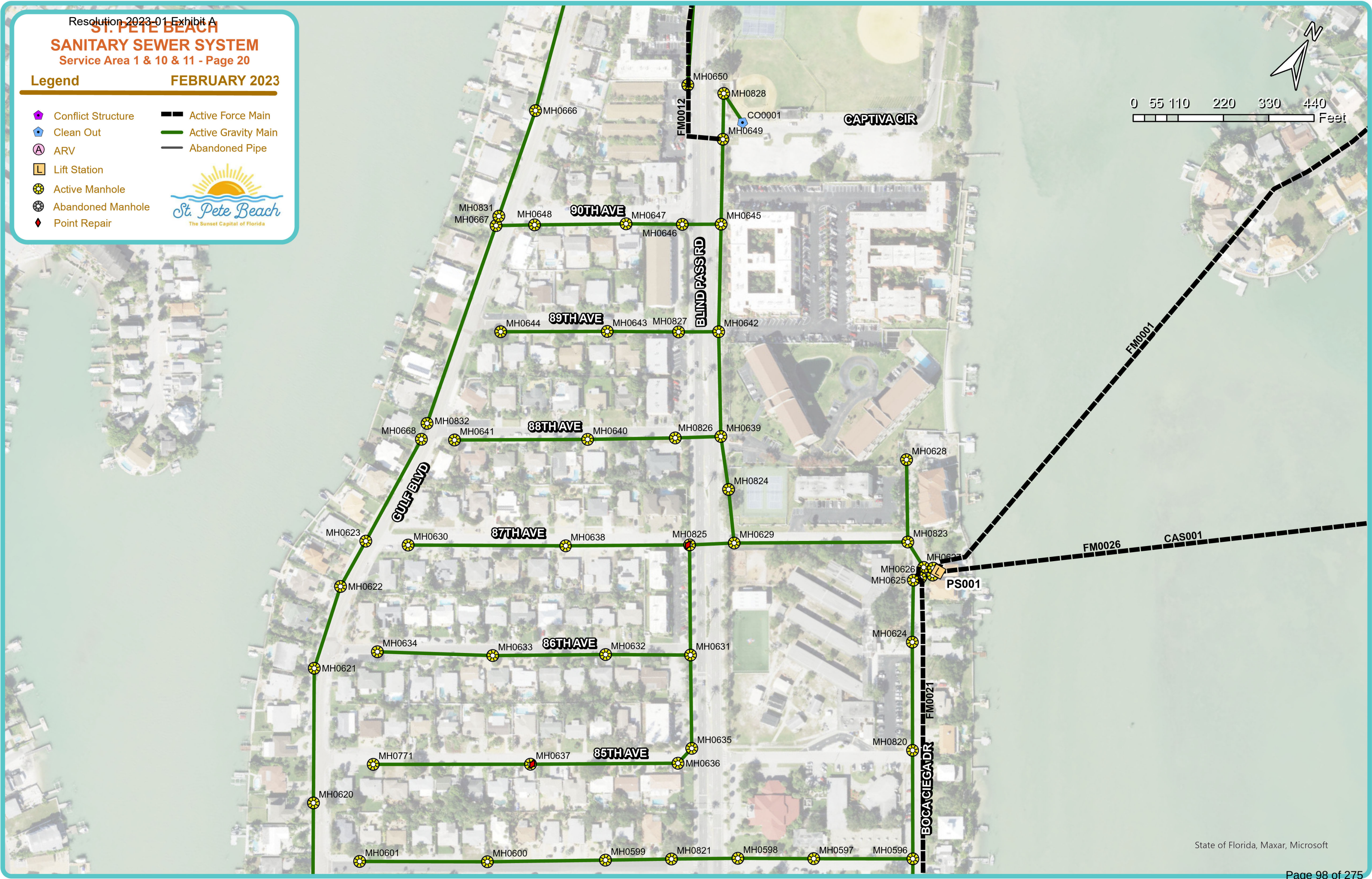
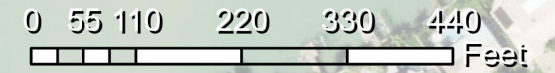
ST. PETE BEACH SANITARY SEWER SYSTEM

Service Area 1 & 10 & 11 - Page 20

Legend

FEBRUARY 2023

- | | | | |
|--|--------------------|---|---------------------|
|  | Conflict Structure |  | Active Force Main |
|  | Clean Out |  | Active Gravity Main |
|  | ARV |  | Abandoned Pipe |
|  | Lift Station | | |
|  | Active Manhole | | |
|  | Abandoned Manhole | | |
|  | Point Repair | | |



ST. PETE BEACH
SANITARY SEWER SYSTEM
Service Area 12 - Page 21

Legend

FEBRUARY 2023

- | | |
|---|---|
|  Conflict Structure |  Active Force Main |
|  Clean Out |  Active Gravity Main |
|  ARV |  Abandoned Pipe |
|  Lift Station | |
|  Active Manhole | |
|  Abandoned Manhole | |
|  Point Repair | |



APPENDIX B: Wastewater System Asset Tables

FIXED ASSET	QUANTITY/LENGTH (LF)
LIFT STATIONS, PUMPS & GENERATORS	
PS001 (PS-1)	
Flygt 10-inch NP3315	4
Cummins Power DFEG-5750795 Diesel Gas Generator	1
PS002 (PS-2)	
Flygt 8-inch NP3202	3
Natural Gas Generator	1
PS003 (PS-3)	
Flygt 6-inch NP3171	2
Diesel Gas Generator	1
LS004 (LS-4)	
Flygt 4-inch NP3102/CP 3102.181	2
LS005 (LS-5)	
Flygt 4-inch NP3102	2
LS006 (LS-6)	
Flygt 4-inch NP3102	2
LS007 (LS-7)	
ABS AFPK 1040.1 M35/4EX	2
LS008 (LS-8)	
Flygt 4-inch NP3102	2
LS009 (LS-9)	
Flygt 4-inch NP3102	2
LS010 (LS-10)	
Flygt 6-inch NP 3153	2
LS011 (LS-11)	
Flygt 4-inch NP3102	2
LS012 (LS-12)	
Flygt 4-inch NP3102	2
LS013 (LS-13)	
Flygt 4-inch NP3102	2
LS014 (LS-14)	
Flygt 4-inch NP3102	2
LS015 (LS-15)	
Flygt 4-inch NP3102	2
LS016 (LS-16)	
Flygt 4-inch NP3102	2
LS017 (LS-17)	
Flygt 4-inch NP3102	2
LS018 (HD LS-1)	
Flygt 6-inch NP3153	2
LS019 (HD LS-2)	
Flygt 6-inch NP3153	2
LS020 (HD LS-3)	
Flygt 6-inch NP3153	2
LS021 (HD LS-4)	
Flygt 6-inch NP3153	2

FORCE MAIN		
FM0001 (FM-1)		TOTAL = 8100
18" DIP		1,000
24" DIP		7,100
ARVs		5
FM0002 (FM-2)		TOTAL = 1413
16" PVC		1,413
ARVs		4
FM0021 (FM 2-1)		TOTAL = 8103
24" PVC		2,603
30" HDPE		5,460
16" PVC		40
ARVs		9
FM0003 (FM-3)		TOTAL = 2656
10" PVC		2,186
12" HDPE		470
ARVs		2
FM0022 (FM 3-2)		TOTAL = 6442
16" PVC		1,082
18" HDPE		5,290
10" PVC		65
12" PVC		5
ARVs		3
FM0004 (FM-4)		TOTAL = 340
6" PVC		340
ARVs		-
FM0005 (FM-5)		TOTAL = 1502
6" PVC		1,502
ARVs		-
FM0006 (FM-6)		TOTAL = 1750
8" CIP		1,287
8" DIP		320
8" PVC		143
ARVs		1
FM0007 (FM-7)		TOTAL = 123
6" PVC		123
ARVs		-
FM0027 (FM-8)		1,520
8" PVC		920
10" HDPE		600
ARVs		3
FM0018 (FM-9)		TOTAL = 400
6" PVC		295
8" HDPE		105
ARVs		1
FM0010 (FM-10)		TOTAL = 1180
6" PVC		25
8" CIP/DIP		1,155
ARVs		-
FM0011 (FM-11)		TOTAL = 832
6" CIP		832
ARVs		-
FM0012 (FM-12)		TOTAL = 861
8" CIP		861
ARVs		1
FM0013 (FM-13)		TOTAL = 262
4" CIP		262
ARVs		-
FM0014 (FM-14)		TOTAL = 1369
6" CIP		1,369
ARVs		-
FM0015 (FM-15)		TOTAL = 1142
6" CIP		1,142
ARVs		-
FM0019 (FM-16)		TOTAL = 922
4" PVC		105
6" HDPE		817
ARVs		1
FM0017 (FM-17)		TOTAL = 506
8" DIP		506
ARVs		1

TABLE 1: FIXED ASSET SUMMARY

FORCE MAIN (CONT.)		
FM0020 (FM HD LS-1)		TOTAL = 94
6" PVC		94
ARVs		1
FM0023 (FM HD LS-2)		TOTAL = 69
6" PVC		69
ARVs		-
FM0024 (FM HD LS-3)		TOTAL = 59
6" PVC		59
ARVs		-
FM0025 (FM HD LS-4)		TOTAL = 84
6" PVC		84
ARVs		-
FM0026 (PVT-1)		TOTAL = 1200
4" UNK		1,200
16" CASING (CAS001) UNK		1,200
ARVs		-

CONFLICT STRUCTURES		TOTAL = 2
CLEAN-OUTS		TOTAL = 70
GRAVITY MAIN		TOTAL = 193643
30" GRAVITY MAIN		TOTAL = 220
VCP		220
CIPP Lining		-
24" GRAVITY MAIN		TOTAL = 7988
DIP		40
PP		36
PVC		329
VCP		7,583
CIPP Lining		381
21" GRAVITY MAIN		TOTAL = 6956
VCP		6,956
CIPP Lining		1,275
18" GRAVITY MAIN		TOTAL = 3735
VCP		3,735
CIPP Lining		-
15" GRAVITY MAIN		TOTAL = 3027
VCP		3,027
CIPP Lining		-
12" GRAVITY MAIN		TOTAL = 3566
PVC		175
VCP		3,391
CIPP Lining		1,880
10" GRAVITY MAIN		TOTAL = 8100
PP		945
PVC		746
VCP		6,409
CIPP Lining		1,616
8" GRAVITY MAIN		TOTAL = 158497
CAS		235
CIP		67
DIP		1,890
PP		6,000
PVC		6,306
VCP		143,732
VCP/PVC		267
CIPP Lining		35,131
6" GRAVITY MAIN		TOTAL = 1648
PVC		90
VCP		1,478
PVC/VCP		80
CIPP Lining		-

MISCELLANEOUS	
	Date Acquired
CL2 Sampler	7/15/1992
Pro guard 3-Way Recovery	12/1/1998
2006 Ford E-350 Boxvan	8/10/2006
Tv Camera / Digital Recoder	3/31/2006
Server / Licenses - Incode	9/30/2007
JD Front End Loader	6/2/2008
Incode Work Order System	6/30/2008
Wheeled Transporter -FY 09	9/30/2009
Snake Machine / Trash PM	4/15/2011
MP Station 1 Controls	9/1/2011
2012 Ford F350	9/30/2011
Minolta Copier	9/1/2011
Utility Crane Truck W/	6/10/2013
SCADA System (ER MECHANICAL)	1/1/2020
Sewer Chain Cutter	6/10/2016
Sewer VAC Truck	2/24/2016
2017 Ford Trans Utility	10/19/2017
Flow Monitoring System	11/30/2017
GIS Information System	3/20/2018
Camera System	5/30/2019
PS-1 Cummins Power DFEG-5750795 Diesel	-
Generac MDG25IF4-STD	1/1/2020
PS-2 Generator	-
PS-3 Generator	-

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	NEAREST ADDRESS	WET WELL DIAMETER (FT)	WET WELL DEPTH (FT)	WETWELL BOTTOM EL. (FT)	LEAD PUMP ON EL. (FT)	PUMPS OFF EL. (FT)	WETWELL MATERIAL	WETWELL LINER	NO. OF PUMPS	PUMP FIXED ASSET NAME	LAST REHABILITATION	MODIFICATION NOTES	PLANNED IMPROVEMENTS (FY)	PLANNED IMPROVEMENT NOTES	PROPERTY DETAIL
PS001	PS 1	WW Transmission	8665 Boca Ciega Dr	12	26	-21.00	VARIES	VARIES	CONCRETE	PVC	4	Flygt 10-inch NP3315	2014	REHABBED	2023	PDR	CITY OWNED
PS002	PS 2	WW Transmission	5501 Gulf Blvd # 100	12	24	-18.82	-12	-15	CONCRETE	NONE	3	Flygt 8-inch NP3202	2015	REHABBED	-	-	CITY ROW
PS003	PS 3	WW Transmission	3216 W Debazan Ave	12	24	-18.55	-11	-14	CONCRETE	FRP	2	Flygt 6-inch NP3171	2016	REHABBED	-	-	CITY OWNED
LS004	LS 4	WW T&C	1901 Pass a Grille Way	10	14	-10.31	-7.31	-8.31	CONCRETE	CA	2	Flygt 4-inch NP3102	2021	REHABBED	-	-	CITY ROW
LS005	LS 5	WW T&C	600 Pass a Grille Way	11	14	-10.11	-7.11	-8.11	CONCRETE	CA	2	Flygt 4-inch NP3102	2014	REHABBED	-	-	CITY ROW
LS006	LS 6	WW T&C	2262 W Vina Del Mar Blvd	12	16	-10.69	-7.69	-8.69	CONCRETE	CA	2	Flygt 4-inch NP3102	2014	REHABBED	-	-	CITY ROW
LS007	LS 7	WW T&C	135 44th Ave	12	16	-12.28	-8.28	-10.28	CONCRETE	CA	2	Flygt 6-inch NP3127	2021	REHABBED	-	-	CITY OWNED
LS008	LS 8	WW T&C	380 39th Ave	11	16	-11.00	-7	-8	CONCRETE	NONE	2	Flygt 4-inch NP3102	2017	REHABBED	-	-	CITY ROW
LS009	LS 9	WW T&C	1360 Boca Ciega Isle Dr	11	14	-10.14	-7.14	-8.17	CONCRETE	CA	2	Flygt 4-inch NP3102	2014	REHABBED	-	-	CITY ROW
LS0010	LS 10	WW T&C	7398 Sunset Way	12	15	-11.50	-8.42	-9.42	CONCRETE	CA	2	Flygt 6-inch NP 3153	2021	REHABBED	-	-	CITY OWNED
LS0011	LS 11	WW T&C	490 82nd Ave	11	15	-10.95	-8.12	-9.12	CONCRETE	CA	2	Flygt 4-inch NP3102	2020	REHABBED	-	-	CITY ROW
LS0012	LS 12	WW T&C	401 93rd Avenue	11	16	-10.55	-7.55	-8.55	CONCRETE	CA	2	Flygt 4-inch NP3102	2014	REHABBED	-	-	FDOT ROW
LS0013	LS 13	WW T&C	5411 Pali Way	12	15	-10.67	-8.27	-8.67	CONCRETE	CA	2	Flygt 4-inch NP3102	2020	REHABBED	-	-	CITY ROW
LS0014	LS 14	WW T&C	500 64th Ave	11	16	-13.82	-8.92	-9.92	CONCRETE	CA	2	Flygt 4-inch NP3102	2020	REHABBED	-	-	CITY ROW
LS0015	LS 15	WW T&C	650 59th Ave	5	16	-12.19	-9.67	-10.67	CONCRETE	FRP	2	Flygt 4-inch NP3102	2020	REHABBED	-	-	CITY ROW
LS0016	LS 16	WW T&C	4104 Miller Dr	5	16	-10.32	-6.82	-7.82	CONCRETE	CA	2	Flygt 4-inch NP3102	2017	REHABBED	-	-	CITY ROW
LS0017	LS 17	WW T&C	2910 Alton Dr	6	17	-12.77	-9.88	-10.88	CONCRETE	FRP	2	Flygt 4-inch NP3102	2020	REHABBED	-	-	CITY ROW
LS0018	HD LS 1	WW T&C	5800 Gulf Blvd	8	18	-11.28	-7.98	-9.28	CONCRETE	NONE	2	Flygt 6-inch NP3153	2021	-	-	-	EASEMENT
LS0019	HD LS 2	WW T&C	5300 Gulf Blvd	8	22	-16.00	-7	-12	CONCRETE	NONE	2	Flygt 6-inch NP3153	2021	-	-	-	EASEMENT
LS0020	HD LS 3	WW T&C	5000 Gulf Blvd	8	23	-16.80	-7.8	-12.8	CONCRETE	NONE	2	Flygt 6-inch NP3153	2021	-	-	-	EASEMENT
LS0021	HD LS 4	WW T&C	4450 Gulf Blvd	8	23	-17.10	-8.1	-13.1	CONCRETE	NONE	2	Flygt 6-inch NP3153	2021	-	-	-	EASEMENT

CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 3: PUMPS

PARENT FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	PUMP TYPE	PUMP MODEL	QUANTITY	PUMP HP	IMPELLER SIZE (MM)	PUMP DISCHARGE DIAMETER (IN)	DESIGN POINT FLOW (GPM)	DESIGN POINT TDH (FT)	PHASE	VOLTS	VFD	YEAR PUMP INSTALLED	PUMP OVERHAUL REQUIRED (YR)	PLANNED IMPROVEMENTS (FY)	PLANNED IMPROVEMENT NOTES
PS001	Flygt 10-inch NP3315	WW Transmission	Flygt	10-inch NP3315	4	140	447	10	VARIES	VARIES	3	460	YES	2014	2024	2023	REPLACEMENT
PS002	Flygt 8-inch NP3202	WW Transmission	Flygt	8-inch NP3202	3	35	334	12	VARIES	VARIES	3	460	YES	2015	2025	-	-
PS003	Flygt 6-inch NP3171	WW Transmission	Flygt	6-inch NP3171	2	34	217	8	1380	64	3	230	YES	2016	2026	-	-
LS004	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	172	4	500	23	3	230	NO	2021	2031	-	-
LS005	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	6	305	22.1	3	230	NO	2014	2024	-	-
LS006	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	6	385	18.7	3	230	NO	2014	2024	-	-
LS007	Flygt 6-inch NP3127	WW T&C	Flygt	6-inch NP 3127	2	7.5	188	6	800	20	3	230	NO	2021	2031	-	-
LS008	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	6	265	26	3	230	NO	2017	2027	-	-
LS009	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	6	410	17.6	3	230	NO	2014	2024	-	-
LS0010	Flygt 6-inch NP 3153	WW T&C	Flygt	6-inch NP 3153	2	12	194	6	780	36	3	230	NO	2021	2031	-	-
LS0011	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	4	280	23	3	230	NO	2021	2031	-	-
LS0012	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	4	390	18.4	3	230	NO	2014	2024	-	-
LS0013	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	4	220	26	3	230	NO	2019	2029	-	-
LS0014	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	172	4	300	34	3	230	NO	2020	2030	-	-
LS0015	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	4	110	29	3	230	NO	2020	2030	-	-
LS0016	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	152	4	138	31.5	3	230	NO	2017	2027	-	-
LS0017	Flygt 4-inch NP3102	WW T&C	Flygt	4-inch NP3102	2	5	212	6	200	24	1	230	YES	2020	2030	-	-
LS0018	Flygt 6-inch NP3153	WW T&C	Flygt	6-inch NP3153	2	12	194	6	730	35	3	230	YES	2021	2031	-	-
LS0019	Flygt 6-inch NP3153	WW T&C	Flygt	6-inch NP3153	2	15	239	4	200	32	3	230	YES	2021	2031	-	-
LS0020	Flygt 6-inch NP3153	WW T&C	Flygt	6-inch NP3153	2	15	239	4	470	38	3	230	YES	2021	2031	-	-
LS0021	Flygt 6-inch NP3153	WW T&C	Flygt	6-inch NP3153	2	15	239	4	160	37	3	230	YES	2021	2031	-	-

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	PARENT LIFT STATION	DOWNSTREAM MANHOLE	DIAMETER (IN)	MATERIAL	LENGTH (LF)	YEAR INSTALLED	LIFECYCLE STATUS	LAST MODIFICATIO N	MODIFICATION NOTES	PLANNED IMPROVEMENTS (FY)	PLANNED IMPROVEMENT NOTES	AERIAL CROSSINGS (LF)	SUBAQUEOUS CROSSINGS (LF)	END OF USEFUL SERVICE LIFE (PER 2017 FM ASSESSMENT)	ARVs	VALVES*	NOTES
FM0001	FM 1	WW Transmission	PS001	SPPS61	18	DIP	1000	1981	ACTIVE	-	-	2023	PDR	-	1000	2033	5	0	ARVS TO BE REPLACED - CANNOT BE FIELD VERIFIED
					24	DIP	7100							-	160				-
FM0002				MH0405	16	PVC	1413	2013	ACTIVE	2013	REPLACED	-	-	-	-		4	0	-
					24	PVC	2603	2021	ACTIVE	2021	EXTENSION	-	-	-	-				-
FM0021	FM 2	WW Transmission	PS002	MH0627	30	HDPE	5460	2021	ACTIVE	2021	EXTENSION	-	-	-	-	NOT INCLUDED	9	13	-
					16	PVC	40	2021	ACTIVE	2021	EXTENSION	-	-	-	-				-
FM0003				MH0160	10	PVC	2186	2016	ACTIVE	2016	REPLACED	-	-	-	-		2	3	-
					12	HDPE	470	2016	ACTIVE	2016	REPLACED	-	-	-	-				-
					16	PVC	1082	2021	ACTIVE	2021	EXTENSION	-	-	-	-				-
FM0022	FM 3	WW Transmission	PS003	MH0627	18	HDPE	5290	2021	ACTIVE	2021	EXTENSION	-	-	-	-	NOT INCLUDED	3	10	-
					10	PVC	65	2021	ACTIVE	2021	EXTENSION	-	-	-	-				-
					12	PVC	5	2021	ACTIVE	2021	EXTENSION	-	-	-	-				-
FM0004	FM 4	WWT&C	LS004	MH0072	6	PVC	340	2015	ACTIVE	2015	REPLACED	-	-	-	-	NOT INCLUDED	0	0	-
FM0005	FM 5	WWT&C	LS005	MH0038	6	PVC	1502	2018	ACTIVE	2018	REPLACED	-	-	-	-	NOT INCLUDED	0	0	-
					8	CIP	1287	1956	ACTIVE	-	-			-	-				-
FM0006	FM 6	WWT&C	LS006	MH0072	8	DIP	320	2003	ACTIVE	2003	REPLACED	2026	COMPLETE REPLACEMENT	320	-	2031	0	0	-
					8	PVC	143	2016	ACTIVE	2016	REPLACED			-	-	-	0	0	-
FM0007	FM 7	WWT&C	LS007	MH0167	6	PVC	123	2010	ACTIVE	2010	REPLACED	-	-	-	-	NOT INCLUDED	0	0	FOUND TO BE PVC DURING LS 7 REHABILITATION
FM0008	FM 8	WWT&C	LS008	MH0200	6/8	CIP/PVC	1347	1956	ABANDONED	-	REPLACED	-	-	-	-	2017*	0	0	*REPLACED BASED ON 2017 FORCE MAIN ASSESSMENT
					8	PVC	920	2022	ACTIVE	2022	-	-	-	-	-	NOT INCLUDED	2	3	-
FM0027					10	HDPE	600	2022	ACTIVE	2022	-	-	-	-	-	NOT INCLUDED	0	0	-
FM0009	FM 9	WWT&C	LS009	MH0287	6	DIP	105	2003	ABANDONED	2021	ABANDONED	-	-	105	-	2025*	0	0	*REPLACED BASED ON 2017 FORCE MAIN ASSESSMENT
					6	PVC	295	1956	ABANDONED	2021	ABANDONED	-	-	-	-	-			-
FM0018					6	PVC	295	2021	ACTIVE	-	-	-	-	-	-	-	1	2	-
					8	HDPE	105	2021	ACTIVE	-	-	-	-	-	105	-			-
FM0010	FM 10	WWT&C	LS010	MH0801	6	PVC	25	1956	ACTIVE	2013	PARTIALLY REPLACED	2022	COMPLETE REPLACEMENT	-	-	INCONCLUSIVE	0	0	25 LF 6" PVC AT LS REPLACED IN 2013
					8	CIP/DIP	1155	1956	ACTIVE	-	-			-	-				-
FM0011	FM 11	WWT&C	LS011	MH0593	6	CIP	832	1956	ACTIVE	-	-	-	-	-	-	NOT INCLUDED	0	0	MATERIAL NOT CONFIRMED
					6	PVC	-	-	ACTIVE	-	-	-	-	-	-				FOUND TO BE PVC DURING LS 11 REHABILITATION
FM0012	FM 12	WWT&C	LS012	MH0649	8	CIP	861	1956	ACTIVE	-	-	-	-	-	-	NOT INCLUDED	1	0	MATERIAL NOT CONFIRMED
FM0013	FM 13	WWT&C	LS013	MH0351	4	CIP	262	1956	ACTIVE	-	-	-	-	-	-	2077	0	0	-
FM0014	FM 14	WWT&C	LS014	MH0414	6	CIP	1369	1956	ACTIVE	-	-	-	-	-	-	2031	0	0	-
FM0015	FM 15	WWT&C	LS015	MH0379	6	CIP	1142	1956	ACTIVE	-	-	-	-	-	-	2051	0	0	-
FM0016	FM16	WWT&C	LS016	MH0200	8	CIP	932	1956	ABANDONED	2021	ABANDONED	-	-	-	-	2017*	0	0	*REPLACED BASED ON 2017 FORCE MAIN ASSESSMENT
					4	PVC	105	2021	ACTIVE	-	-	-	-	-	-	-			-
FM0019					6	HDPE	817	2021	ACTIVE	-	-	-	-	-	-	-	1	2	-
FM0017	FM 17	WWT&C	LS017	MH 251	8	DIP	506	1956	ACTIVE	-	-	2026	COMPLETE REPLACEMENT	-	200	2035	1	0	-
FM0020	FM HD LS 1	WW T&C	LS018	MH0627	6	PVC	94	2021	ACTIVE	-	-	-	-	-	-	NOT INCLUDED	1	1	-
FM0023	FM HD LS 2	WW T&C	LS019	MH0627	6	PVC	69	2021	ACTIVE	-	-	-	-	-	-	NOT INCLUDED	-	0	-
FM0024	FM HD LS 3	WW T&C	LS020	MH0627	6	PVC	59	2021	ACTIVE	-	-	-	-	-	-	NOT INCLUDED	-	0	-
FM0025	FM HD LS 4	WW T&C	LS021	MH0627	6	PVC	84	2021	ACTIVE	-	-	-	-	-	-	NOT INCLUDED	-	0	-
FM0026	PVT 1	WW T&C	PVT	PS001	4	UNK	1200	-	ACTIVE	-	-	-	-	-	-	NOT INCLUDED	-	-	INSIDE 16" CASING WITH 4" RECLAIM
CAS001	CAS 1	WW T&C	PVT	PS001	16	UNK	1200	-	ACTIVE	-	-	-	-	-	-	NOT INCLUDED	-	-	CASING FOR FM0026

* ALONG FM ALIGNMENT

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CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 5: GRAVITY MAINS

GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA										LINING DATA			
FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O&M	PIPE RATING INDEX - O&M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE						
GM0001	MH-504 MH-505	WW COLLECTION	GULF BLVD	MH-504	MH-505		24	VCP	192.9577434	12/22/2016	2100	2	0	2	2	2	LP	POINT REPAIR/LINING															
GM0002	MH-505 MH-511	WW COLLECTION	GULF WINDS DR	MH-505	MH-511	1	24	VCP	348.5418337	6/21/2016	4100	4	4131	3.5	11	3.666667	524	LOW PRIORITY															
GM0003	MH-511 MH-512	WW COLLECTION	GULF WINDS DR	MH-511	MH-512	1	24	VCP	222.1334811	6/22/2016	1100	1	4131	3.5	8	2.666667	193	NONE															
GM0004	MH-512 MH-513	WW COLLECTION	GULF WINDS DR	MH-512	MH-513	1	24	VCP	224.3519857	6/23/2016	2200	2	0000	0	4	2	0	LP POINT REPAIR/LINING															
GM0005	MH-513 MH-514	WW COLLECTION	GULF WINDS DR	MH-513	MH-514	1	24	VCP	322.2725338	6/27/2016	0000	0	3212	2	8	2	0	LP LOW PRIORITY															
GM0006	MH-514 MH-523	WW COLLECTION	GULF WINDS DR	MH-514	MH-523	1	24	VCP	386.6377214	7/5/2016	0000	0	4100	4	4	4	0	LP LOW PRIORITY															
GM0007	MH-515 MH-514	WW COLLECTION	64 TH AVE	MH-515	MH-514	1	8	VCP	159.1174104	3/22/2016	0000	0	0000	0	2	2	102	LOW PRIORITY															
GM0008	MH-516 MH-515	WW COLLECTION	64 TH AVE	MH-516	MH-515	1	8	VCP	309.4351238	3/22/2016	3421	2.8	0000	0	17	2.833333	451	POINT REPAIR/LINING															
GM0009	MH-517 MH-516	WW COLLECTION	GULF WINDS DR	MH-517	MH-516	1	8	VCP	253.4373992	3/22/2016	4234	3	3.142857	1100	1	33	3	NONE															
GM0010	MH-518 MH-517	WW COLLECTION	GULF WINDS DR	MH-518	MH-517	1	8	VCP	127.2434919	3/22/2016	3100	3	0000	0	6	3	0	LP NONE															
GM0011	MH-519 MH-515	WW COLLECTION	64 TH AVE	MH-519	MH-515	1	8	VCP	302.5536521	11/8/2016	3121	2.5	0000	0	5	NH	0	LP NONE															
GM0012	MH-519A MH-519	WW COLLECTION				1		VCP	201.868044								UNK																
GM0013	MH-520 MH-519	WW COLLECTION	64 TH AVE	MH-520	MH-519	1	8	VCP	417.6643157	11/8/2016	0000	0	4100	4	8	4	14	LOW PRIORITY	PR022	012			5/7/2018	Utility Conflict - 20FT Segment									
GM0014	MH-521 MH-522	WW COLLECTION	66 TH AVE	MH-521	MH-522	1	8	VCP	267.023699	3/22/2016	3121	2.5	2A11	1.916667	30	2	348	POINT REPAIR/LINING															
GM0015	MH-522 MH-525	WW COLLECTION	67 TH AVE	MH-522	MH-525	1	8	VCP	298.8665143	3/22/2016	4100	4	2500	2	14	2.333333	83	NONE	PR035	EMERGENCY POINT REPAIR/ OFFSET JOINT	UNK	12/17/2020	Collapsed Pipe - 20FT Segment Replaced	21-01281	009	298.87	3/24/2021						
GM0016	MH-523 MH-524	WW COLLECTION	GULF WINDS DR	MH-523	MH-524	1	24	VCP	368.4001544	7/20/2016	2100	2	4131	3.5	9	3	0	LP POINT REPAIR/LINING															
GM0017	MH-524 MH-891	WW COLLECTION	GULF WINDS DR & 67TH AVE	MH-524	MH-891	1	24	VCP	192.5833926	7/21/2016	2100	2	0000	0	2	2	0	LP NONE															
GM0018	MH-525 MH-524	WW COLLECTION	67 TH AVE	MH-525	MH-524	1	8	VCP	155.677188	3/22/2016	0000	0	2300	2	13	2.6	71	POINT REPAIR/LINING															
GM0019	MH-526 MH-525	WW COLLECTION	67 TH AVE	MH-526	MH-525	1	8	VCP/PVC	266.7546743	3/22/2016	3A21	2.916667	1100	1	40	2.857143	57	POINT REPAIR/LINING															
GM0020	MH-528 MH-525	WW COLLECTION	67TH AVE	MH-528	MH-525	1	8	VCP	129.2104009	3/22/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING															
GM0021	MH-529 MH-528	WW COLLECTION	BLIND PASS RD	MH-529	MH-528	1	8	VCP	123.5628311	11/7/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING															
GM0022	MH-530 MH-529	WW COLLECTION	BLIND PASS RD	MH-530	MH-529	1	8	VCP	261.4021495	11/7/2016	0000	0	4114	1.6	8	1.6	0	LP LOW PRIORITY															
GM0023	MH-532 MH-530	WW COLLECTION	BLIND PASS RD	MH-532	MH-530	1	8	VCP	219.897901	11/7/2016	3221	2.25	5114	1.8	18	2	116	POINT REPAIR/LINING															
GM0024	MH-533 MH-534	WW COLLECTION	GULF WINDS DR	MH-533	MH-534	1	24	VCP	118.3728453	7/22/2016	0000	0	5100	5	5	5	4	LOW PRIORITY															
GM0025	MH-534 MH-536	WW COLLECTION	GULF WINDS DR	MH-534	MH-536	1	24	VCP	32.80137473	8/2/2016	2100	2	3100	3	5	2.5	0	LP POINT REPAIR/LINING															
GM0026	MH-535 MH-534	WW COLLECTION	BAY ST	MH-535	MH-534	1	8	VCP	258.0363616	11/8/2016	3223	2.4	2100	2	14	2.333333	490	POINT REPAIR/LINING															
GM0027	MH-536 MH-537	WW COLLECTION	GULF WINDS DR	MH-536	MH-537	1	24	VCP	262.4579413	8/2/2016	3100	3	0000	0	3	3	0	LP POINT REPAIR/LINING															
GM0028	MH-537 MH-543	WW COLLECTION	BOCA CIEGA DR	MH-537	MH-543	1	24	VCP	301.3251534	8/2/2016	3100	3	3200	3	9	3	0	LP POINT REPAIR/LINING															
GM0029	MH-538 MH-537	WW COLLECTION	BLIND PASS RD	MH-538	MH-537	1	8	VCP	279.9984401	3/22/2016	0000	0	5242	4.5	18	4.5	434	POINT REPAIR/LINING															
GM0030	MH-541 MH-538	WW COLLECTION	70 TH AVE	MH-541	MH-538	1	8	VCP	290.1035869	3/22/2016	3521	2.833333	3126	2.142857	32	2.461539	270	POINT REPAIR/LINING															
GM0031	MH-542 MH-541	WW COLLECTION	70 TH AVE	MH-542	MH-541	1	8	VCP	289.6580057	3/22/2016	423A	3	3124	2.2	53	2.789474	310	POINT REPAIR/LINING															
GM0032	MH-543 MH-546	WW COLLECTION	BOCA CIEGA DR	MH-543	MH-546	1	24	VCP	36.78548651	8/3/2016	4100	4	0000	0	4	0	0	LP LOW PRIORITY															
GM0033	MH-544 MH-543	WW COLLECTION	71 ST AVE	MH-544	MH-543	1	8	VCP	38.40319749	3/17/2016	0000	0	0000	0	0	0	147	NONE															
GM0034	MH-545 MH-544	WW COLLECTION	71 ST AVE	MH-545	MH-544	1	8	VCP	390.8690455	5/12/2016	3224	2.333333	2300	2	22	2.2	408	LOW PRIORITY															
GM0035	MH-546 MH-550	WW COLLECTION	BOCA CIEGA DR	MH-546	MH-550	1	24	VCP	260.8231861	8/3/2016	3121	2.5	4231	3.25	18	3	437	POINT REPAIR/LINING															
GM0036	MH-547 MH-546	WW																															

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CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 5: GRAVITY MAINS

GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA					LINING DATA			
FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O&M	PIPE RATING INDEX - O&M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE	
GM0113	MH-697 MH-696	VW COLLECTION	BLIND PASS RD	MH-697	MH-696	1	8	VCP	264.0548883	5/10/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0114	MH-697A MH-697	VW COLLECTION	80TH WAY	MH-697A	MH-697	1	8	VCP	16.56389985	3/15/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0115	MH-698 MH-697A	VW COLLECTION	80TH WAY	MH-698	MH-697A	1	8	VCP	219.1475033	5/10/2016	3100	3	0000	0	3	3	0	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0116	MH-699 MH-698	VW COLLECTION	80TH WAY	MH-699	MH-698	1	8	VCP	309.1612762	5/10/2016	3121	2.5	4123	2.5	15	2.5	76	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0117	MH-700 MH-696	VW COLLECTION	81ST AVE	MH-700	MH-696	1	8	VCP	295.4618157	5/9/2016	4100	4	4200	4	12	4	506	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0118	MH-701 MH-700	VW COLLECTION	81ST AVE	MH-701	MH-700	1	8	VCP	243.0611078	5/9/2016	0000	0	2900	2	18	2	107	NONE	-	-	-	-	-	-	-	-	-	
GM0119	MH-702 MH-706	VW COLLECTION	BOCA CIEGA DR	MH-702	MH-706	1	24	VCP	252.8948779	8/17/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0120	MH-703 MH-702	VW COLLECTION	-	MH-703	MH-702	1	10	VCP	232.935234	7/26/2016	3123	2.25	4831	3.888889	44	3.384615	COMPLETED 288	NONE	-	-	-	-	-	-	18-00049	003	232.94	5/3/2018
GM0121	MH-704 MH-703	VW COLLECTION	82ND AVE	MH-704	MH-703	1	10	PP	183.9960811	5/9/2016	2600	2	4233	3.4	29	2.636364	356	NONE	-	-	-	-	-	-	-	FY 23 - 1	-	
GM0122	MH-706 MH-708	VW COLLECTION	BOCA CIEGA DR	MH-706	MH-708	1	24	VCP	268.9949001	8/17/2016	2200	2	5142	3.8	23	3.285714	COMPLETED 393	POINT REPAIR/LINING	-	-	-	-	-	-	22-01729	FY 22 - 1	268.99	08/29/2022
GM0123	MH-706A MH-706B	VW COLLECTION	83RD AVE	MH-706A	MH-706B	1	8	PP	231.085034	3/14/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0124	MH-706B MH-706	VW COLLECTION	83RD AVE	MH-706B	MH-706	1	8	PVC	31.77716714	5/9/2016	1100	1	0000	0	1	1	191	POINT REPAIR/LINING	-	-	-	-	-	-	-	FY 23 - 1	-	
GM0125	MH-707 MH-706A	VW COLLECTION	83RD AVE	MH-707	MH-706A	1	8	VCP	113.8070486	5/9/2016	3A11	2.846154	2115	1.166667	44	2.315789	COMPLETED 289	NONE	-	-	-	-	-	-	18-00049	003	113.81	5/3/2018
GM0126	MH-708 MH-708A	VW COLLECTION	BOCA CIEGA DR	MH-708	MH-708A	1	24	VCP	263.2468756	8/17/2016	2100	2	4100	4	6	3	LP NONE	-	-	-	-	-	-	-	FY 23 - 1	-		
GM0127	MH-708A MH-738	VW COLLECTION	BOCA CIEGA DR & 85 TH AVE	MH-708A	MH-738	1	24	VCP	262.8690729	12/1/2016	2100	2	4231	3.666667	13	3.25	COMPLETED 499	NONE	-	-	-	-	-	-	19-00604	006	262.87	8/14/2019
GM0128	MH-709 MH-708	VW COLLECTION	-	MH-709	MH-708	1	8	VCP	241.3363322	7/26/2016	3123	2.25	4831	3.888889	44	3.384615	COMPLETED 290	NONE	-	-	-	-	-	-	17-02356	001	241.34	12/13/2017
GM0129	MH-710 MH-709	VW COLLECTION	84TH AVE	MH-710	MH-709	1	8	VCP	184.1266746	3/14/2016	0000	0	0000	0	0	0	0	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0130	MH-710A MH-710	VW COLLECTION	84 TH AVE	MH-710A	MH-710	1	8	CAS	161.1005746	4/28/2016	0000	0	0000	0	0	0	0	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0131	MH-711 MH-710A	VW COLLECTION	84 TH AVE	MH-711	MH-710A	1	8	VCP	160.1498863	3/23/2016	3122	2.333333	0000	0	7	2.333333	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-		
GM0132	MH-712 MH-711	VW COLLECTION	84 TH AVE	MH-712	MH-711	1	8	VCP	287.6009581	3/23/2016	3321	2.75	2200	2	15	2.5	471	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0133	MH-713 MH-712	VW COLLECTION	84TH AVE	MH-713	MH-712	1	8	VCP	309.8951589	4/26/2016	3100	3	2100	2	5	2.5	0	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0134	MH-738 MH-739	VW COLLECTION	BOCA CIEGA DR	MH-738	MH-739	1	24	VCP	150.3821498	12/1/2016	0000	0	4131	3.5	7	3.5	COMPLETED LP	LOW PRIORITY	-	-	-	-	-	-	22-01729	FY 22 - 1	150.38	08/29/2022
GM0135	MH-739 MH-740	VW COLLECTION	BOCA CIEGA DR	MH-739	MH-740	1	24	PVC	18.59468556	12/1/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0136	MH-740 WW-2	VW COLLECTION	BOCA CIEGA DR	MH-740	WW-2	1	24	PVC	29.95850369	12/1/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0137	MH-741 WW-1	VW COLLECTION	BOCA CIEGA DR	MH-741	WW-1	1	24	PVC	23.3358423	-	0000	0	0000	0	0	0	0	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0138	MH-741A MH-741	VW COLLECTION	BOCA CIEGA DR	MH-741A	MH-741	1	12	PVC	72.74110868	8/18/2016	0000	0	2100	2	2	2	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0139	MH-742 MH-741A	VW COLLECTION	87TH AVE	MH-742	MH-741A	1	24	PVC	199.8385619	3/8/2017	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0140	MH-744 MH-741A	VW COLLECTION	87TH AVE	MH-744	MH-741A	1	12	VCP	422.1842255	6/13/2016	4138	2.769231	5142	3.8	55	3.055556	COMPLETED 265	POINT REPAIR/LINING	-	-	-	-	-	-	17-02368	002	422.18	2/17/2017
GM0141	MH-744A MH-744	VW COLLECTION	BLIND PASS RD	MH-744A	MH-744	1	10	PP	130.7767924	4/28/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0142	MH-744B MH-744	VW COLLECTION	87THA VE	MH-744B	MH-744	1	8	DIP	108.2636986	4/28/2016	0000	0	0000	0	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0143	MH-746 MH-754	VW COLLECTION	87TH AVE	MH-746	MH-754	1	8	VCP	382.378679	4/26/2016	4334	3.428571	3226	2.25	42	2.8	COMPLETED 299	LOW PRIORITY	-	-	-	-	-	-	18-00049	003	382.38	5/3/2018
GM0144	MH-747 MH-744B	VW COLLECTION	BLIN PASS RD	MH-747	MH-744B	1	8	PVC	267.4143126	4/26/2016	0000	0	0000	0	0	0	0	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0145	MH-748 MH-747	VW COLLECTION	86TH AVE	MH-748	MH-747	1	8	VCP	206.1425506	3/10/2016	41																	

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TABLE 5: GRAVITY MAINS

GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA										LINING DATA			
FIXED ASSET ID	NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O+M	PIPE RATING INDEX - O+M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE						
GM0223	MH-383 MH-382	WW COLLECTION	46TH AVE	MH-383	MH-382	2	10	VCP	311.8117994	6/3/2016	3324	2.428571	0000	0	17	2.428571	453	POINT REPAIR/LINING															
GM0224	MH-384 MH-383	WW COLLECTION	46TH AVE	MH-384	MH-383	2	10	VCP	324.5760647	6/3/2016	4131	3.5	0000	0	12	4	216	POINT REPAIR/LINING															
GM0225	MH-385 MH-384	WW COLLECTION	46TH AVE	MH-385	MH-384	2	10	VCP	105.9276883	6/3/2016	4131	3	0000	0	9	3		POINT REPAIR/LINING															
GM0226	MH-386 MH-385	WW COLLECTION	46TH AVE	MH-386	MH-385	2	10	PVC	124.5994557	1/25/2016	0000	0	0000	0	4	4	17	LOW PRIORITY															
GM0227	MH-387 MH-385	WW COLLECTION	PLAZA WAY	MH-387	MH-385	2	8	VCP	95.0914185	3/8/2017	0000	0	0000	0	0	0		LP NONE															
GM0228	MH-388 MH-387	WW COLLECTION	PLAZA WAY	MH-388	MH-387	2	8	VCP	131.7382183	3/8/2017	0000	0	0000	0	0	0		LP POINT REPAIR/LINING															
GM0229	MH-405 MH-406	WW COLLECTION	GULF BLVD	MH-405	MH-406	2	21	VCP	325.5078005	9/23/2016	4332	2.888889	4537	3.146667	67	3.190476	COMPLETED 245	LOW PRIORITY															
GM0230	MH-406 MH-407	WW COLLECTION	GULF BLVD	MH-406	MH-407	2	21	VCP	310.4089163	9/30/2016	3124	4.22	4222	4.22	2	2.777778	439	NONE															
GM0231	MH-407 MH-408	WW COLLECTION	GULF BLVD	MH-407	MH-408	2	21	VCP	331.7326333	9/30/2016	3228	2.2	4235	3.285714	45	2.647050	COMPLETED 286	POINT REPAIR/LINING															
GM0232	MH-408 MH-423	WW COLLECTION	GULF BLVD	MH-408	MH-423	2	21	VCP	288.9948627	10/3/2016	3321	2.75	5141	4	23	3.285714	392	NONE															
GM0233	MH-409 MH-408	WW COLLECTION	50TH AVE	MH-409	MH-408	2	8	PVC	15.21911202	1/26/2016	3100	3	0000	0	3	3		COMPLETED 49	NONE	PR009	015												
GM0234	MH-410 MH-409	WW COLLECTION	50TH AVE	MH-410	MH-409	2	8	VCP	259.7643296	1/26/2016	3824	2.666667	2100	2	36	2.571429	321	LOW PRIORITY															
GM0235	MH-411 MH-408	WW COLLECTION	GULF BLVD	MH-411	MH-408	2	8	VCP	59.934824	1/20/2016	0000	0	0000	0	0	0	152	POINT REPAIR/LINING	PR015														
GM0236	MH-412 MH-411	WW COLLECTION	GULF BLVD	MH-412	MH-411	20	8	VCP	356.7261118	10/18/2016	4134	2.75	4131	3.5	29	2.9	COMPLETED 354	POINT REPAIR/LINING															
GM0237	MH-413 MH-412	WW COLLECTION	GULF BLVD	MH-413	MH-412	20	8	VCP	283.3852236	8/9/2016	3124	2.2	0000	0	11	2.2	COMPLETED 536	LOW PRIORITY															
GM0238	MH-414 MH-413	WW COLLECTION	GULF BLVD	MH-414	MH-413	20	8	VCP	366.9833943	8/9/2016	3221	2.666667	4121	3	14	2.8	COMPLETED 487	POINT REPAIR/LINING															
GM0239	MH-415 MH-411	WW COLLECTION	GULF BLVD	MH-415	MH-411	20	8	VCP	139.0787275	10/18/2016	3121	2.5	3128	2.111111	24	2.181818	COMPLETED 389	POINT REPAIR/LINING															
GM0240	MH-416 MH-415	WW COLLECTION	GULF BLVD	MH-416	MH-415	20	8	VCP	202.2336321	8/8/2016	4122	2.666667	4131	2.666667	16	2.666667	COMPLETED 458	LOW PRIORITY															
GM0241	MH-417 MH-415	WW COLLECTION	GULF BLVD	MH-417	MH-415	20	8	VCP	272.4119948	8/11/2016	3721	2.875	3200	3	29	2.9	COMPLETED 355	LOW PRIORITY															
GM0242	MH-418 MH-417	WW COLLECTION	51 ST AVE	MH-418	MH-417	20	8	VCP	303.3350212	10/18/2016	3321	2.75	0000	0	11	2.75	COMPLETED 542	POINT REPAIR/LINING															
GM0243	MH-419 MH-417	WW COLLECTION	GULF BLVD	MH-419	MH-417	20	8	VCP	250.9832479	8/10/2016	3527	2.416667	5100	5	34	2.615385	COMPLETED 327	POINT REPAIR/LINING															
GM0244	MH-420 MH-419	WW COLLECTION	GULF BLVD	MH-420	MH-419	20	8	VCP	336.5119296	8/8/2016	3122	2.666667	4100	0	2	2.666667	COMPLETED 150	POINT REPAIR/LINING															
GM0245	MH-421 MH-419	WW COLLECTION	GULF BLVD	MH-421	MH-419	20	8	VCP	305.1124254	8/10/2016	4331	3.75	4100	4	23	3.833333	COMPLETED 391	POINT REPAIR/LINING															
GM0246	MH-422 MH-421	WW COLLECTION	GULF BLVD	MH-422	MH-421	20	8	VCP	238.0636103	10/18/2016	3400	3	0000	0	12	3	COMPLETED 511	NONE															
GM0247	MH-423 MH-426	WW COLLECTION	GULF BLVD	MH-423	MH-426	2	21	VCP	263.9897889	10/4/2016	2400	2	4531	3.1	39	2.785714	COMPLETED 310	POINT REPAIR/LINING															
GM0248	MH-424 MH-423	WW COLLECTION	51ST AVE	MH-424	MH-423	2	8	DIP	15.73418119	7/26/2016	3123	2.25	4831	3.888889	44	3.84615		287	NONE														
GM0249	MH-425 MH-424	WW COLLECTION	51ST AVE	MH-425	MH-424	2	8	VCP	91.3106858	1/26/2016	2500	2	0000	0	10	2	555	LOW PRIORITY															
GM0250	MH-426 MH-431	WW COLLECTION	GULF BLVD	MH-426	MH-431	2	21	VCP	360.99321	10/4/2016	2300	2	4233	3.166667	25	2.777778	380	NONE															
GM0251	MH-427 MH-426	WW COLLECTION	GULF BLVD	MH-427	MH-426	2	8	VCP	189.0948694	10/3/2016	4131	3.5	0000	0	7	3.5		LP LOW PRIORITY															
GM0252	MH-428 MH-427	WW COLLECTION	PUNTA VISTA DR	MH-428	MH-427	2	8	VCP	272.6143198	7/26/2016	3100	3	2600	2	15	2.142857	474	NONE															
GM0253	MH-429 MH-428	WW COLLECTION	PUNTA VISTA DR	MH-429	MH-428	2	8	DIP	244.908485	7/26/2016	0000	0	0000	0	0	0		LP LOW PRIORITY															
GM0254	MH-430 MH-429	WW COLLECTION	PUNTA VISTA DR	MH-430	MH-429	2	8	PP	242.7269853	1/26/2016	0000	0	0000	0	0	0		LP LOW PRIORITY															
GM0255	MH-431 MH-432	WW COLLECTION	GULF BLVD	MH-431	MH-432	2	21	VCP	189.2241615	10/5/2016	2100	2	4132	3.333333	12	3	512	POINT REPAIR/LINING															
GM0256	MH-432 MH-433	WW COLLECTION	GULF BLVD	MH-432	MH-433	2	21	VCP	143.5343906	10/5/2016	2200	2	3100	3	7	2.333333	LP NONE																
GM0257	MH-433 MH-434	WW COLLECTION	GULF BLVD	MH-433	MH-434	2	21	VCP	342.6789772	10/5/2016	2200	2	4131	3.5	11	2.75	535	NONE															
GM0258	MH-434 MH-435	WW COLLECTION	GULF BLVD	MH-434	MH-435	2	21	VCP	356.1985821	8/16/2016	3122	2.333333	4138	3.166667	26	3.888889	373	POINT REPAIR/LINING															
GM0259	MH-435 MH-435A	WW COLLECTION	GULF BLVD	MH-435	MH-435A	2	21	VCP	65.03498929	10/11/2016	4100	4	3100	3	5	3.5		LP POINT REPAIR/LINING															
GM0260	MH-435A MH-435B	WW COLLECTION	GULF BLVD	MH-435A	MH-435B	2	24	PP	35.99117474	10/11/2016	0000	0	0000	0	0	0		LP NONE															
GM0261	MH-435B PS-2	WW COLLECTION	-	-	-	2	24	DIP	40.20869786	-	-	-	-	-	-	-		UNK															
GM0262	MH-436 MH-435	WW COLLECTION	GULF BLVD	MH-436	MH-435	2	8	DIP	67.02201254	1/20/2016	3100	3	0000	0	3	3		LP POINT REPAIR/LINING	PR014														
GM0263	MH-437 MH-436A	WW COLLECTION	GULF BLVD	MH-437	MH-436A	19	8	VCP	124.6738195	8/9/2016	4135	2.875	4100	4	27	3	COMPLETED 36	POINT REPAIR/LINING	PR017														
GM0264	MH-438 MH-437	WW COLLECTION	GULF BLVD	MH-438	MH-437	19	8	VCP	298.01411	8/9/2016	3100	3	0000	0	3	3	COMPLETED 167	POINT REPAIR/LINING															
GM0265	MH-439 MH-436	WW COLLECTION	GULF BLVD	MH-439	MH-436	19	8	VCP	398.8052585	8/9/2016	3124	2.2	0000	0	11	2.2	COMPLETED 540	NONE															
GM0266	MH-440 MH-439	WW COLLECTION	GULF BLVD	MH-440	MH-439	19	8	VCP	398.4713031	8/10/2016	0000	0	4311	3.25	13	3.25	COMPLETED 491	POINT REPAIR/LINING															
GM0267	MH-441 LS-2	WW COLLECTION	GULF BLVD	MH-441	LS-2	2	8	VCP	24.95538043	10/11/2016	0000	0	0000	0	0	0		LP POINT REPAIR/LINING															
GM0268	MH-442 MH-441	WW COLLECTION	55TH AVE	MH-442	MH-441	2	8	VCP	217.3294147	7/28/2016	1100	1	0000	0	1	1	210	LOW PRIORITY															
GM0269	MH-443 MH-442	WW COLLECTION	55TH AVE	MH-443	MH-442	2	8	VCP	190.5792249	7/28/2016	0000	0	0000	0	0	0		LP NONE															
GM0270	MH-444 MH-443	WW COLLECTION	ALPHA DR & 55TH AVE	MH-444	MH-443	2	8	VCP	307.4034682	1/26/2016	3121	2.5	0000	0	9	2.25		LP NONE															
GM0271	MH-445 MH-444	WW COLLECTION	ALPHA DR	MH-445	MH-444	2	8	VCP	302.6738987	1/26/2016	0000	0	3122	1.8	9	1.8	423	NONE															
GM0272	MH-446 MH-443	WW COLLECTION	55TH AVE	MH-446	MH-443	2	8	VCP	303.8118408	1/27/2016	0000	0	0000	0	0	0		POINT REPAIR/LINING															
GM0273	MH-447 MH-446	WW COLLECTION	55TH AVE	MH-447	MH-446	2	8	VCP	284.7658043	1/27/2016	0000	0	0000	0	0	0	151	POINT REPAIR/LINING															
GM0274	MH-448 MH-447	WW COLLECTION	55TH AVE & LEILANI DR	MH-448	MH-447	2	8	VCP	319.3497906	1/26/2016	0000	0	0000	0	0	0	149	NONE															
GM0275	MH-449 MH-448	WW COLLECTION	LEILANI DR	MH-449	MH-448	2	8	VCP	288.0612988	1/26/2016	0000	0	2316	1.333333	12	1.333333	131	POINT REPAIR/LINING															
GM0276	MH-450 MH-447	WW COLLECTION	55TH AVE	MH-450	MH-447	2	8	VCP	410.5988716	1/27/2016	0000	0	0000	0	0	0	150	POINT REPAIR/LINING															
GM0277	MH-461 MH-435	WW COLLECTION	GULF BLVD	MH-461	MH-435	2	21	VCP	387.3913224	10/5/2016	4227	2.444444	4134	3.2	38	2.714286	319	LOW PRIORITY															
GM0278	MH-462 MH-461	WW COLLECTION	GULF BLVD	MH-462	MH-461	2	21	VCP	353.807892	10/11/2016	322A	2.133333	4138	3.111111	60	2.5	COMPLETED 255	LOW PRIORITY															

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CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 5: GRAVITY MAINS

GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA										LINING DATA			
FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O&M	PIPE RATING INDEX - O&M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE						
GM0337	MH-185 MH-184	WW COLLECTION	27TH AVE	MH-185	MH-184	3	8	VCP	91.62393918	12/21/2015	0000	0	0000	0	0	0	161	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0338	MH-186 MH-187	WW COLLECTION	PASS A GRILLE WAY	MH-186	MH-187	3	15	VCP	247.5341596	-	-	-	-	-	-	-	LP NONE	-	-	-	-	-	-	-	-	-							
GM0339	MH-187 MH-188	WW COLLECTION	PASS A GRILLE WAY	MH-187	MH-188	3	15	VCP	250.6693025	-	-	-	-	-	-	-	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0340	MH-188 MH-195	WW COLLECTION	PASS A GRILLE WAY	MH-188	MH-195	3	15	VCP	341.4646326	-	-	-	-	-	-	-	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0341	MH-189 MH-188	WW COLLECTION	29TH AVE	MH-189	MH-188	3	15	VCP	89.10421103	-	-	-	-	-	-	-	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0342	MH-190 MH-188	WW COLLECTION	29TH AVE & SUNSET	MH-190	MH-188	3	8	VCP	159.821582	12/22/2015	0000	0	3100	3	3	3	50	LOW PRIORITY	-	-	-	-	-	-	-	-							
GM0343	MH-191 MH-190	WW COLLECTION	SUNSET WAY	MH-191	MH-190	3	8	PVC	244.5520741	12/22/2015	0000	0	0000	0	0	0	159	POINT REPAIR/LINING	-	-	-	-	-	-	-	-							
GM0344	MH-192 MH-191	WW COLLECTION	28ST AVE & SUNSET WAY	MH-192	MH-191	3	8	VCP	247.0932721	12/22/2015	4231	3.666667	2300	2	19	2.714286	66	POINT REPAIR/LINING	-	-	-	-	-	-	-	-							
GM0345	MH-193 MH-190	WW COLLECTION	SUNSET WAY	MH-193	MH-190	3	8	VCP	244.0724668	12/22/2015	4123	2.5	2200	2	14	2.333333	486	LOW PRIORITY	-	-	-	-	-	-	-	-							
GM0346	MH-194 MH-193	WW COLLECTION	30TH AVE & SUNSET WAY	MH-194	MH-193	3	8	VCP	225.048627	12/22/2015	3123	2.25	342A	2.222222	51	2.217391	91	POINT REPAIR/LINING	-	-	-	-	-	-	-	-							
GM0347	MH-195 MH-196	WW COLLECTION	PASS A GRILLE WAY	MH-195	MH-196	3	15	VCP	340.7296703	-	-	-	-	-	-	-	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0348	MH-196 MH-201	WW COLLECTION	PASS A GRILLE WAY	MH-196	MH-201	3	18	VCP	395.7350417	-	-	-	-	-	-	-	LP NONE	-	-	-	-	-	-	-	-	-							
GM0349	MH-197 MH-196	WW COLLECTION	31ST AVE	MH-197	MH-196	3	8	VCP	116.3300119	12/23/2015	2A12	1.846154	4131	2.428571	41	2.05	204	NONE	-	-	-	-	-	-	-	-							
GM0350	MH-198 MH-197	WW COLLECTION	31ST AVE	MH-198	MH-197	3	8	VCP	21.06982086	12/23/2015	0000	0	2100	2	2	2	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0351	MH-199 MH-198	WW COLLECTION	31TH AVE & 1ST W	MH-199	MH-198	3	8	VCP	97.36365148	12/22/2015	3100	3	3124	2.2	14	2.333333	85	POINT REPAIR/LINING	-	-	-	-	-	-	-	-							
GM0352	MH-200 MH-199	WW COLLECTION	31ST AVE & 2ND ST W	MH-200	MH-199	3	8	VCP	117.574502	12/22/2015	0000	0	2100	2	2	2	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0353	MH-201 MH-202	WW COLLECTION	PASS A GRILLE WAY	MH-201	MH-202	3	18	VCP	172.6929409	-	-	-	-	-	-	-	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0354	MH-202 MH-204	WW COLLECTION	PASS A GRILLE WAY	MH-202	MH-204	3	18	VCP	115.5022399	8/23/2016	3122	2.333333	4132	3.333333	17	2.833333	445	LOW PRIORITY	-	-	-	-	-	-	-	-							
GM0355	MH-203 MH-202	WW COLLECTION	CABRILLO AVE	MH-203	MH-202	3	8	VCP	132.9144204	11/30/2016	3111	2	3100	3	10	2.5	77	POINT REPAIR/LINING	-	-	-	-	-	-	-	-							
GM0356	MH-204 MH-209	WW COLLECTION	PASS A GRILLE & CABRILLO AVE	MH-204	MH-209	3	18	VCP	163.9272119	8/23/2016	2200	2	3100	3	7	2.333333	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0357	MH-205 MH-204	WW COLLECTION	PASS A GRILLE WAY	MH-205	MH-204	3	8	PVC	38.19498838	11/30/2016	2100	2	0000	0	2	2	120	LOW PRIORITY	-	-	-	-	-	-	-	-							
GM0358	MH-206 MH-205	WW COLLECTION	PASS A GRILLE WAY	MH-206	MH-205	3	8	PVC	198.2192283	11/30/2016	0000	0	0000	0	0	0	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0359	MH-207 MH-206	WW COLLECTION	PASS A GRILLE EAY	MH-207	MH-206	3	8	VCP	130.3073946	11/30/2016	3121	2.5	1100	1	6	2	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0360	MH-208 MH-207	WW COLLECTION	EL CENTRO ST	MH-208	MH-207	3	8	VCP	209.600064	11/30/2016	2100	2	1400	1	6	1.2	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0361	MH-208A MH-208	WW COLLECTION	EL CENTRO ST	MH-208A	MH-208	3	8	PVC	97.67901234	11/30/2016	0000	0	0000	0	0	0	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0362	MH-209 MH-210	WW COLLECTION	CASABLANCA AVE	MH-209	MH-210	3	18	VCP	369.6435324	8/24/2016	2400	2	4231	3.666667	19	2.714286	432	LOW PRIORITY	-	-	-	-	-	-	-	-							
GM0363	MH-210 MH-211	WW COLLECTION	CASABLANCA AVE	MH-210	MH-211	3	18	VCP	124.5895859	10/24/2016	2300	2	3100	3	9	2.25	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	FY 23 - 1	-							
GM0364	MH-211 MH-212	WW COLLECTION	CASABLANCA AVE	MH-211	MH-212	3	18	VCP	129.5958705	10/24/2016	2300	2	4134	3.2	22	2.75	401	POINT REPAIR/LINING	-	-	-	-	-	-	-	FY 23 - 1	-						
GM0365	MH-212 MH-213	WW COLLECTION	CASABLANCA AVE	MH-212	MH-213	3	18	VCP	98.43589189	1/12/2017	0000	0	4100	4	4	4	LP LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0366	MH-212A MH-212	WW COLLECTION	CASABLANCA AVE	MH-212A	MH-212	3	8	VCP	228.8029697	10/24/2016	0000	0	1100	1	3	1.5	LP LOW PRIORITY	-	-	-	-	-	-	-	-	FY 23 - 1							
GM0367	MH-213 MH-214	WW COLLECTION	E DEBAZEN AVE	MH-213	MH-214	3	18	VCP	91.92538783	4/27/1941	0000	0	5100	5	5	5	9	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0368	MH-214 MH-215	WW COLLECTION	E DEBAZEN AVE	MH-214	MH-215	3	18	VCP	108.5953588	4/27/1941	0000	0	5100	5	5	5	10	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0369	MH-215 MH-216	WW COLLECTION	W MARITANA DR	MH-215	MH-216	3	18	VCP	375.5565793	1/6/2017	2100	2	0000	0	2	2	LP POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0370	MH-216 MH-217	WW COLLECTION	ALHAMBRA STREET	MH-216	MH-217	3	18	VCP	181.880683	1/13/2017	3224	2.333333	3400	3	26	2.6	376	LOW PRIORITY	-	-	-	-	-	-	-	-	FY 23 - 1						
GM0371	MH-217 MH-218	WW COLLECTION	E DEBAZEN AVE	MH-217	MH-218	3	18	VCP	78.81452361	1/13/2017	0000	0	3100	3	3	3	LP NONE	-	-	-	-	-	-	-	-	-							

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CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 5: GRAVITY MAINS

GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA					LINING DATA			
FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O&M	PIPE RATING INDEX - O&M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE	
GM0450	MH-56 MH-55	WW COLLECTION	14TH AVE	MH-56	MH-55	4	8	VCP	201.4376038	12/11/2015	312A	2	4133	2.058824	69	2.029412	189	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0451	MH-58 MH-53	WW COLLECTION	PASS A GRILLE WAY	MH-58	MH-53	4	10	VCP	273.3366537	4/5/2016	4122	2.666667	5141	4.5	17	3.4	444	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0452	MH-59 MH-58	WW COLLECTION	16TSH AVE	MH-59	MH-58	4	8	VCP	138.9331425	12/11/2015	4123	2.2	0000	0	11	2.2	187	NONE	-	-	-	-	-	-	-	-	-	
GM0453	MH-60 MH-59	WW COLLECTION	16TH AVE	MH-60	MH-59	4	8	VCP	130.8013871	12/14/2015	0000	0	2200	2	4	2	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0454	MH-62 MH-53	WW COLLECTION	16TH AVE	MH-62	MH-54	4	8	VCP	170.8061012	12/11/2015	3223	2.4	0000	0	12	2.4	520	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0455	MH-64 MH-70	WW COLLECTION	PASS A GRILLE WAY	MH-64	MH-70	4	10	VCP	267.3058875	4/5/2016	2100	2	0000	0	2	2	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0456	MH-65 MH-64	WW COLLECTION	18TH AVE	MH-65	MH-64	4	8	VCP	131.5116163	12/11/2015	3528	2.384615	2500	2	41	2.277778	COMPLETED 304	LOW PRIORITY	-	-	-	-	-	18-00049	003	131.51	5/3/2018	
GM0457	MH-66 MH-65	WW COLLECTION	18TH AVE	MH-66	MH-65	4	8	VCP	133.8661156	12/14/2015	2100	2	0000	0	4	2	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0458	MH-67 MH-66	WW COLLECTION	18TH AVE	MH-67	MH-66	4	8	VCP	218.4949757	12/16/2016	4132	3.333333	1500	1	15	1.875	472	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0459	MH-68 MH-65	WW COLLECTION	18TH AVE	MH-68	MH-65	4	8	VCP	135.7064257	12/14/2015	3126	2.142857	2300	2	21	2.1	417	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0460	MH-69 MH-68	WW COLLECTION	18TH AVE	MH-69	MH-68	4	8	VCP	205.3614858	12/16/2016	5241	3.454545	0000	0	38	3.454545	315	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0461	MH-70 MH-71	WW COLLECTION	PASS AGRILLE WAY	MH-70	MH-71	4	10	VCP	254.2807086	4/5/2016	0000	0	4321	3.5	14	3.5	COMPLETED 480	NONE	-	-	-	-	-	18-00049	003	254.28	1/1/2018	
GM0462	MH-71 LS-4	WW COLLECTION	PASS A GRILLE WAY	MH-71	LS-4	4	10	VCP	40.89541894	11/1/2016	0000	0	0000	0	0	0	COMPLETED 162	NONE	-	-	-	-	-	18-00049	003	40.90	1/1/2018	
GM0463	MH-72 MH-71	WW COLLECTION	20TH AVE	MH-72	MH-71	4	8	VCP	132.5634869	12/15/2016	4135	3.166667	0000	0	19	3.166667	426	LOW PRIORITY	PR025	-	-	-	-	1/1/2018	20FT Segment Replaced	-	-	
GM0464	MH-73 MH-72	WW COLLECTION	19TH AVE	MH-73	MH-72	4	8	VCP	126.4731309	12/15/2016	5141	3.375	0000	0	27	3.375	365	NONE	-	-	-	-	-	-	-	-	-	
GM0465	MH-74 MH-73	WW COLLECTION	19TH AVE	MH-74	MH-73	4	8	VCP	216.2223645	12/14/2015	4535	3.153846	2914	1.692308	63	2.423077	COMPLETED 253	POINT REPAIR/LINING	-	-	-	-	-	17-02368	002	216.22	2/17/2017	
GM0466	MH-75 MH-72	WW COLLECTION	20 TH AVE	MH-75	MH-72	4	8	VCP	128.6440003	12/15/2016	5142	4	3100	3	19	3.8	20	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0467	MH-76 MH-75	WW COLLECTION	20TH AVE	MH-76	MH-75	4	8	VCP	212.416261	12/15/2016	4236	3.25	3221	2	36	2.789231	61	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0468	MH-874 MH-58	WW COLLECTION	PASS A GRILLE WAY	MH-874	MH-58	4	10	VCP	314.7145264	4/5/2016	2600	2	4100	4	16	2.285714	459	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0469	MH-875 MH-52	WW COLLECTION	13TH AVE	MH-875	MH-52	4	8	VCP	126.8160519	12/11/2015	2712	1.777778	3121	2.5	21	1.909091	122	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0470	MH-897 MH-71	WW COLLECTION	PASS A GRILLE WAY	MH-897	MH-71	4	8	VCP	192.6974298	4/5/2016	3321	2.75	5141	2.625	32	2.666667	COMPLETED 180	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0471	CO-1 MH-1	WW COLLECTION	1st AV	CO-1	MH-1	5	8	VCP	173.4969307	12/7/2015	3100	3	3121	2.5	8	2.666667	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0472	CO-10 MH-22	WW COLLECTION	4TH AVE	CO-10	MH-22	5	6	VCP	91.30980203	12/9/2015	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0473	CO-11 MH-22	WW COLLECTION	6TH AVE	CO-11	MH-22	5	6	VCP	85.07687847	12/9/2015	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0474	CO-12 MH-21	WW COLLECTION	7TH AVE	CO-12	MH-21	5	6	PVC/VCP	79.82126481	12/10/2015	1100	1	0000	0	1	1	133	NONE	PR012	-	-	-	-	20-00963	3/27/2020	CO Replaced	-	-
GM0475	CO-13 MH-29	WW COLLECTION	7 TH AVE	CO-13	MH-29	5	6	VCP	100.123447	12/9/2015	0000	0	3300	3	9	3	41	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0476	CO-14 MH-29	WW COLLECTION	7TH AVE	CO-14	MH-29	5	6	VCP	80.1698907	12/9/2015	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0477	CO-15 MH-28	WW COLLECTION	8TH AVE	CO-15	MH-28	5	8	VCP	76.7905245	12/10/2015	0000	0	4132	3.333333	10	3.333333	27	NONE	-	-	-	-	-	-	-	-	-	
GM0478	CO-16 MH-31	WW COLLECTION	8TH AVE	CO-16	MH-31	5	6	VCP	83.76039333	12/9/2015	0000	0	0000	0	2	2	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0479	CO-17 MH-31	WW COLLECTION	8 TH AVE	CO-17	MH-31	5	6	VCP	91.77666314	10/19/2016	0000	0	0000	0	0	0	154	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0480	CO-18 MH-30	WW COLLECTION	8TH AVE	CO-18	MH-30	5	8	VCP	85.51024132	12/10/2015	4121	2	0000	0	14	2	205	LOW PRIORITY	PR024	-	-	-	-	12/6/2017	CO Replaced	-	-	
GM0481	CO-19 MH-36	WW COLLECTION	11 TH AVE	CO-19	MH-36	5	6	VCP	88.1191695	12/20/2016	0000	0	4111	2.5	5	2.5	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0482	CO-2 MH-3	WW COLLECTION	1ST AVE	CO-2	MH-3	5	6	VCP	87.61101138	12/20/2016	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0483	CO-20 MH-36	WW COLLECTION	10TH AVE	CO-20	MH-36	5	6	PVC	89.649																			

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TABLE 5: GRAVITY MAINS

GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA										LINING DATA			
FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O&M	PIPE RATING INDEX - O&M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE						
GM0563	MH-821 MH-822	WW COLLECTION	E VINA DEL MAR BLVD	MH-821	MH-822	6	8" VCP	801.3174441	12/5/2016	3221	2.66667	0	10	2.5	10	2.5	552	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0564	MH-822 MH-823	WW COLLECTION	E VINA DEL MAR BLVD	MH-822	MH-823	6	8" VCP	400.4019421	12/5/2016	3223	2.4	2300	2	18	2.25	441	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0565	MH-823 MH-818	WW COLLECTION	E VINA DEL MAR BLVD	MH-823	MH-818	6	8" VCP	403.6779381	12/5/2016	4137	3.125	4121	3	31	3.1	342	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0566	MH-824 MH-825	WW COLLECTION	W VINA DEL MAR BLVD & S ISLE DR	MH-824	MH-825	6	8" VCP	448.581431	4/6/2016	3721	2.875	0000	0	23	2.875	170	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0567	MH-825 MH-826	WW COLLECTION	W VINA DEL MAR BLVD	MH-825	MH-826	6	8" VCP	365.0997257	12/15/2015	0000	0	2300	2	6	2	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0568	MH-826 MH-827	WW COLLECTION	W VINA DEL MAR BLVD	MH-826	MH-827	6	8" VCP	370.9064677	12/15/2015	0000	0	2500	2	10	2	557	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0569	MH-827 MH-828	WW COLLECTION	W VINA DEL MAR BLVD	MH-827	MH-828	6	8" VCP	376.0371781	4/6/2016	3621	2.857143	2600	2	32	2.461539	339	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0570	MH-828 MH-829	WW COLLECTION	W VINA DEL MAR BLVD & HERMOSITA DR	MH-828	MH-829	6	8" VCP	271.3485891	4/4/2016	3121	2.5	2100	2	7	2.333333	LP	NONE	-	-	-	-	-	-	-	-	-							
GM0571	MH-829 MH-815	WW COLLECTION	W VINA DEL MAR BLVD & N TESSIER DR	MH-829	MH-815	6	8" VCP	236.303068	4/4/2016	3100	3	2200	2	7	2.333333	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0572	MH-830 MH-831	WW COLLECTION	HERMOSITA DR	MH-830	MH-831	6	8" VCP	384.4105103	12/19/2015	3100	3	3213	1.8	14	2	108	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0573	MH-831 MH-832	WW COLLECTION	HERMOSITA DR	MH-831	MH-832	6	8" VCP	340.8292949	12/19/2015	4221	2.75	3111	2	17	2.428571	79	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0574	MH-832 MH-833	WW COLLECTION	HERMOSITA DR	MH-832	MH-833	6	8" VCP	338.0443919	12/19/2015	3121	2	2100	2	8	2	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0575	MH-833 MH-834	WW COLLECTION	HERMOSITA DR	MH-833	MH-834	6	8" VCP	370.7740552	4/6/2016	3221	2.66667	2100	2	10	2.5	551	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0576	MH-834 MH-828	WW COLLECTION	HERMOSITA DR & W VINA DEL MAR BLVD	MH-834	MH-828	6	8" VCP	342.1654905	4/6/2016	3122	2.333333	2400	2	15	2.142857	477	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0577	MH-873 MH-884	WW COLLECTION	W VINA DEL MAR BLVD & 21ST AVE	MH-873	MH-884	6	8" VCP	105.0695031	4/6/2016	3221	2.66667	1100	1	9	2.25	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0578	MH-878 MH-791	WW COLLECTION	E VINA DEL MAR BLVD	MH-878	MH-791	6	8" VCP	199.3004279	3/31/2016	3522	2.714286	2200	2	23	2.555556	397	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0579	MH-879 MH-878	WW COLLECTION	E VINA DEL MAR BLVD	MH-879	MH-878	6	8" VCP	225.2644908	3/31/2016	4235	3.125	0000	0	25	3.125	377	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0580	MH-880 MH-873	WW COLLECTION	W VINA DEL MAR BLVD	MH-880	MH-873	6	8" VCP	228.6427077	12/10/2015	3123	2.25	2500	2	19	2.111111	431	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0581	MH-881 MH-880	WW COLLECTION	W VINA DEL MAR BLVD	MH-881	MH-880	6	8" VCP	243.2467686	3/31/2016	4137	2.7	2100	2	29	2.636364	194	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0582	MH-882 MH-881	WW COLLECTION	W VINA DEL MAR BLVD	MH-882	MH-881	6	8" VCP	141.0738632	12/10/2015	3100	3	0000	0	5	2.5	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0583	MH-883 MH-882	WW COLLECTION	W VINA DEL MAR BLVD	MH-883	MH-882	6	8" VCP	74.78856544	12/10/2015	0000	0	0000	0	0	0	LP	NONE	-	-	-	-	-	-	-	-	-							
GM0584	MH-884 MH-795	WW COLLECTION	W VINA DEL MAR BLVD	MH-884	MH-795	6	8" VCP	156.5072075	4/6/2016	3100	3	4123	2.5	13	2.6	505	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0585	MH-885 MH-873	WW COLLECTION	21 AVE	MH-885	MH-873	6	8" VCP	146.1271604	3/31/2016	3300	3	4112	2	15	2.5	470	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0586	MH-886 MH-885	WW COLLECTION	21 AVE	MH-886	MH-885	6	8" VCP	111.1295358	12/10/2015	0000	0	3300	3	9	3	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0587	CO-68 MH-278	WW COLLECTION	MOODY ST	CO-68	MH-278	7	8" VCP	405.4834393	10/9/2016	0000	0	4100	4	7	3.5	COMPLETED 25	NONE	PR007	014	-	-	19-00580	12/1/2017	MH Connection Fixed	19-00604	006	405.48	2/17/2017					
GM0588	CO-69 MH-282	WW COLLECTION	43 RD AVE	CO-70	MH-282	7	8" VCP	366.3773486	6/10/2016	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0589	CO-70 MH-285	WW COLLECTION	MOODY ST	CO-70	MH-285	7	8" VCP	457.7693366	1/19/2016	0000	0	1100	1	3	1.5	130	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0590	MH-265 MH-274	WW COLLECTION	44 TH AVE	MH-265	MH-274	7	10" VCP	32.61990902	10/19/2016	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0591	MH-266 MH-265	WW COLLECTION	44TH AVE	MH-266	MH-265	7	10" VCP	286.1053342	6/9/2016	3129	2.1	4139	3.1	52	2.6	COMPLETED 272	POINT REPAIR/LINING	-	-	-	-	17-02368	002	-	286.11	2/17/2017							
GM0592	MH-267 MH-266	WW COLLECTION	44TH AVE	MH-267	MH-266	7	10" VCP	336.2237051	6/9/2016	3223	2.4	4432	3.66667	34	3.09009	326	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0593	MH-268 MH-267	WW COLLECTION	44TH AVE	MH-268	MH-267	7	10" VCP	324.2147126	6/9/2016	4134	2.66667	4834	3.66667	68	3.238095	COMPLETED 244	LOW PRIORITY	-	-	-	-	17-02368	002	-	324.21	2/17/2017							
GM0594	MH-269 MH-268	WW COLLECTION	MOODY ST & 44TH AVE	MH-269	MH-268	7	10" VCP	275.0454391	1/19/2016	0000	0	0000	0	0	0	156	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0595	MH-270 MH-269	WW COLLECTION	44TH AVE & MOODY ST	MH-270	MH-269	7	10" VCP	31.23243951	1/18/2016	3100	3	0000	0	3	3	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0596	MH-271 MH-270	WW COLLECTION	POINSETTIA DR																														

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CITY OF ST. PETE BEACH FIXED ASSETS
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GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA										LINING DATA			
FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O&M	PIPE RATING INDEX - O&M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE						
GM0674	MH-392 MH-391	WW COLLECTION	BOCA DIEGA ISLER DR	MH-392	MH-391	9	8 PP	367.3919249	6/2/2016	0000	0	0	0	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0675	MH-393 MH-392	WW COLLECTION	BOCA DIEGA ISLER DR	MH-393	MH-392	9	8 PP	205.7429415	6/2/2016	0000	0	5	5	10	5	LP	544 LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0676	MH-394 MH-393	WW COLLECTION	BOCA DIEGA ISLER DR	MH-394	MH-393	9	8 VCP	157.4245383	6/2/2016	3100	3	0	0	3	3	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0677	MH-395 MH-394	WW COLLECTION	BOCA DIEGA ISLE DR	MH-395	MH-394	9	8 PP	71.51552764	1/21/2016	0000	0	0	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0678	MH-396 MH-395	WW COLLECTION	BOCA DIEGA ISLE DR	MH-396	MH-395	9	8 CAS	73.45355982	6/2/2016	0000	0	0	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0679	MH-397 MH-389	WW COLLECTION	BOCA DIEGA ISLER DR	MH-397	MH-389	9	8 VCP	78.82831953	6/2/2016	0000	0	0	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0680	MH-398 MH-397	WW COLLECTION	BOCA DIEGA ISLER DR	MH-398	MH-397	9	8 VCP	70.10900523	6/2/2016	0000	0	0	0	0	0	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0681	MH-399 MH-398	WW COLLECTION	BOCA DIEGA ISLER DR	MH-399	MH-398	9	8 PP	342.8496332	6/2/2016	0000	0	0	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0682	MH-400 MH-399	WW COLLECTION	BOCA DIEGA ISLER DR	MH-400	MH-399	9	8 VCP	355.6845888	6/2/2016	0000	0	0	0	0	0	LP	-	-	-	-	-	-	-	-	-	-							
GM0683	MH-401 MH-400	WW COLLECTION	BOCA DIEGA ISLER DR	MH-401	MH-400	9	8 PP	319.543271	6/2/2016	0000	0	0	0	0	0	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0684	MH-402 MH-401	WW COLLECTION	BOCA DIEGA ISLER DR	MH-402	MH-401	9	8 PP	334.739479	6/2/2016	0000	0	0	0	0	0	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0685	MH-403 MH-402	WW COLLECTION	BOCA DIEGA ISLER DR	MH-403	MH-402	9	8 PP	70.3189912	6/2/2016	0000	0	0	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0686	MH-404 MH-403	WW COLLECTION	BOCA DIEGA ISLER DR	MH-404	MH-403	9	8 PP	78.9985454	1/21/2016	0000	0	0	0	0	0	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0687	CO-78 MH-637	WW COLLECTION	COREY AVE	CO-78	MH-637	10	8 VCP	193.3151582	5/12/2016	3111	2	2111	1.5	9	1.8	COMPLETED 124	LOW PRIORITY	PR019	-	-	21-01269	12/4/2020	CO Replaced	21-01281	009	193.32	3/24/2021						
GM0688	MH-598 MH-599	WW COLLECTION	67TH AVE	MH-598	MH-599	10	8 VCP	358.0939924	4/12/2016	3200	3	2100	2	8	2.666667	COMPLETED 68	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0689	MH-599 MH-601	WW COLLECTION	SUNSET GAY & 67TH AVE	MH-599	MH-601	10	8 VCP	263.1363887	7/27/2016	3200	3	0000	0	6	3	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	-							
GM0690	MH-600 MH-599	WW COLLECTION	67TH AVE	MH-600	MH-599	10	8 VCP	139.3953817	2/3/2016	4111	2.5	0000	0	5	2.5	197	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0691	MH-601 MH-604	WW COLLECTION	SUNSET WAY & 68TH AVE	MH-601	MH-604	10	8 VCP	286.2362457	7/27/2016	3200	3	0000	0	6	3	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	-							
GM0692	MH-602 MH-601	WW COLLECTION	68TH AVE	MH-602	MH-601	10	8 VCP	142.036267	4/12/2016	0000	0	0	0	0	0	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0693	MH-603 MH-601	WW COLLECTION	68TH AVE	MH-603	MH-601	10	8 VCP	402.1182797	4/12/2016	0000	0	0	0	5	5	215	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0694	MH-604 MH-608	WW COLLECTION	SUNSET WAY & 69TH AVE	MH-604	MH-608	10	8 VCP	304.4971791	7/27/2016	3100	3	2200	2	7	2.333333	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0695	MH-605 MH-604	WW COLLECTION	69TH AVE	MH-605	MH-604	10	8 VCP	139.0253547	4/12/2016	0000	0	0	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0696	MH-605A MH-605	WW COLLECTION	69TH AVE	MH-605A	MH-605	10	8 PVC	188.2142817	2/22/2016	0000	0	0	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0697	MH-606 MH-604	WW COLLECTION	69TH AVE	MH-606	MH-604	10	8 VCP	264.1063914	4/12/2016	2100	2	2100	2	4	2	LP	NONE	-	-	-	-	-	-	-	-	-							
GM0698	MH-607 MH-606	WW COLLECTION	69TH AVE	MH-607	MH-606	10	8 VCP	206.7593782	4/13/2016	2100	2	0000	0	10	2.5	553	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0699	MH-608 MH-612	WW COLLECTION	SUNSET WAY	MH-608	MH-612	10	8 VCP	141.33697	7/27/2016	3100	3	0000	0	3	3	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0700	MH-609 MH-608	WW COLLECTION	70TH AVE	MH-609	MH-608	10	8 VCP	300.2616091	4/13/2016	2100	2	3121	2.5	7	2.333333	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0701	MH-610 MH-608	WW COLLECTION	70TH AVE	MH-610	MH-608	10	8 VCP	335.3216412	2/22/2016	4132	2.8	0000	0	14	2.8	488	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0702	MH-611 MH-610	WW COLLECTION	70TH AVE	MH-611	MH-610	10	8 VCP	275.8887912	4/13/2016	5121	3.5	3100	3	10	3.333333	546	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0703	MH-612 MH-613	WW COLLECTION	SUNSET WAY	MH-612	MH-613	10	8 VCP	134.0216647	7/27/2016	3300	3	0000	0	3	3	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0704	MH-613 MH-619	WW COLLECTION	SUNSET WAY & 71TH AVE	MH-613	MH-619	10	8 VCP	276.639942	7/27/2016	3100	3	0000	0	3	3	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-							
GM0705	MH-614 MH-613	WW COLLECTION	71ST AVE	MH-614	MH-613	10	8 VCP	308.2460773	4/13/2016	4134	3.2	4100	4	20	3.333333	418	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0706	MH-615 MH-614	WW COLLECTION	71ST AVE	MH-615	MH-614	10	8 VCP	307.2645735	4/13/2016	4231	3.25	3322	2.6	26	2.888889	374	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0707	MH-616 MH-615	WW COLLECTION	71ST AVE	MH-616	MH-615	10	8 VCP	324.5111478	4/13/2016	3126	2.666667	3126	2.142857	23	2.3	398	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-							
GM0708	MH-617 MH-616	WW COLLECTION	71TH AVE	MH-617	MH-616	10	8 VCP	315.0062205	2/22/2016	4100	4	2100	2																				

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CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 5: GRAVITY MAINS

GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA										LINING DATA			
FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O&M	PIPE RATING INDEX - O&M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE						
GM0786	MH-778 MH-777	VW COLLECTION	BLIND PASS RD	MH-778	MH-777	12	8	VCP	180.6739002	10/21/2016	0000	0	0000	0	2	2	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0787	MH-779 MH-776	VW COLLECTION	BLIND PASS RD	MH-779	MH-776	12	8	VCP	124.421701	3/9/2016	0000	0	0000	0	0	0	136	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0788	MH-780 MH-779	VW COLLECTION	BLIND PASS RD	MH-780	MH-779	12	8	VCP	183.9359988	3/9/2016	3400	3	0000	0	12	3	510	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0789	MH-451 MH-454	VW COLLECTION	55TH AVE & PALI WAY	MH-451	MH-454	13	8	VCP	41.40076405	6/1/2016	4134	3.2	3121	2.5	21	3	410	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0790	MH-452 MH-451	VW COLLECTION	PALI WAY	MH-452	MH-451	13	8	PP	246.9092755	1/27/2016	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0791	MH-453 MH-452	VW COLLECTION	PALI WAY	MH-453	MH-452	13	8	VCP	373.2930292	6/1/2016	3500	3	2812	1.8	33	2	334	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0792	MH-454 LS-13	VW COLLECTION	55TH AVE	MH-454	LS-13	13	10	PVC	35.63956179	10/31/2016	5200	5	0000	0	10	3	COMPLETED 1	POINT REPAIR/LINING	PR010	-	19-00648	11/25/2019	Entire Pipe Replaced	-	-	-	-						
GM0793	MH-455 MH-454	VW COLLECTION	55TH AVE	MH-455	MH-454	13	8	VCP	388.4754452	6/1/2016	3100	3	0000	0	3	3	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0794	MH-456 MH-455	VW COLLECTION	55TH AVE	MH-456	MH-455	13	8	VCP	392.9310996	6/1/2016	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0795	MH-457 MH-456	VW COLLECTION	55TH AVE	MH-457	MH-456	13	8	VCP	387.6911537	6/1/2016	4338	3.105263	2400	2	67	2.913043	COMPLETED 246	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0796	MH-458 MH-457	VW COLLECTION	55TH AVE	MH-458	MH-457	13	8	VCP	390.6942835	6/1/2016	453A	3.157895	3127	2.125	77	2.851852	COMPLETED 239	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0797	MH-459 MH-458	VW COLLECTION	55TH AVE	MH-459	MH-458	13	8	VCP	388.9677326	1/27/2016	0000	0	2800	2	30	2	99	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0798	MH-460 MH-459	VW COLLECTION	55TH AVE	MH-460	MH-459	13	8	VCP	303.563686	1/27/2016	3121	2	2100	2	8	2	174	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0799	MH-569 MH-570	VW COLLECTION	BAY ST	MH-569	MH-570	14	8	VCP	198.1818419	2/2/2016	3521	2.833333	4132	2.1875	52	2.363636	COMPLETED 275	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0800	MH-570 MH-571	VW COLLECTION	BAY ST	MH-570	MH-571	14	8	VCP	247.8113239	4/11/2016	3122	2.333333	2500	2	17	2.125	447	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0801	MH-571 MH-572	VW COLLECTION	BAY ST	MH-571	MH-572	14	8	VCP	300.0950791	2/3/2016	3221	2.666667	2500	2	20	2.222222	COMPLETED 90	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0802	MH-572 MH-573	VW COLLECTION	BAY ST	MH-572	MH-573	14	8	PP	257.7619313	2/3/2016	0000	0	0000	0	0	0	144	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0803	MH-573 MH-574	VW COLLECTION	64 TH AVE	MH-573	MH-574	14	8	VCP	381.9501008	4/11/2016	433C	2.896552	3200	3	90	2.903226	COMPLETED 232	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0804	MH-574 MH-577	VW COLLECTION	64 TH AVE	MH-574	MH-577	14	8	VCP	35.08924027	4/11/2016	3100	3	0000	0	3	3	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0805	MH-576 MH-895	VW COLLECTION	1ST PALM POINT ST	MH-576	MH-895	14	8	VCP	389.7267658	4/11/2016	5141	3.4	4123	2.5	30	3	COMPLETED 34	LOW PRIORITY	PR029	006	UNK	8/25/2017	Offset Joint - 20FT Segment Replaced	-	-	-	-						
GM0806	MH-577 MH-578	VW COLLECTION	64TH AVE	MH-577	MH-578	14	8	VCP	335.4946624	4/11/2016	4136	3.142857	4131	3.5	29	3.222222	350	NONE	-	-	-	-	-	-	-	-	-						
GM0807	MH-578 MH-579	VW COLLECTION	64TH AVE	MH-578	MH-579	14	8	VCP	300.3883682	4/12/2016	3021	2.962963	3128	2.111111	99	2.75	COMPLETED 227	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0808	MH-579 MH-584	VW COLLECTION	64TH AVE	MH-579	MH-584	14	8	VCP	40.31091282	2/3/2016	3100	0	2100	2	5	2.5	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0809	MH-580 MH-579	VW COLLECTION	2ND PAMT POINT ST	MH-580	MH-579	14	8	VCP	273.5245185	4/11/2016	0000	0	4131	3	9	3	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0810	MH-581 MH-580	VW COLLECTION	2ND PALM POINT	MH-581	MH-580	14	8	VCP	262.9520139	2/2/2016	3100	3	2100	2	5	2.5	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0811	MH-582 MH-579	VW COLLECTION	2ND PALM POINT ST	MH-582	MH-579	14	8	VCP	249.1574951	4/11/2016	3321	2.75	0000	0	11	2.75	65	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0812	MH-583 MH-582	VW COLLECTION	2ND PALM POINT ST	MH-583	MH-582	14	8	VCP	228.5240008	4/11/2016	3100	3	2100	2	5	2.5	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0813	MH-584 LS-14	VW COLLECTION	64TH AVE	MH-584	LS-14	14	8	VCP	19.57666567	10/31/2016	0000	0	0000	0	8	4	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0814	MH-585 MH-584	VW COLLECTION	64TH AVE	MH-585	MH-584	14	8	VCP	259.7765681	4/7/2016	2100	2	0000	0	2	2	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0815	MH-586 MH-585	VW COLLECTION	64TH AVE	MH-586	MH-585	14	8	VCP	300.3998892	4/7/2016	0000	0	0000	0	0	0	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0816	MH-587 MH-586	VW COLLECTION	3RD PALM POINT ST	MH-587	MH-586	14	8	VCP	299.5900099	4/7/2016	3200	3	2700	2	20	2.222222	423	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-						
GM0817	MH-588 MH-587	VW COLLECTION	3RD PALM POINT ST	MH-588	MH-587	14	8	VCP	237.2694982	4/7/2016	0000	0	2100	2	2	2	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0818	MH-589 MH-586	VW COLLECTION	3RD PALM POINT ST	MH-589	MH-586	14	8	VCP	249.7778017	4/7/2016	3321	2.75	2300	2	17	2.428571	448	LOW PRIORITY	-	-	-	-	-	-	-	-	-						
GM0819	MH-590 MH-589	VW COLLECTION	3RD PALM POINT ST	MH-590	MH-589	14	8	VCP	227.6843756																								

GRAVITY MAIN DATA										NASSCO INSPECTION DATA										POINT REPAIR DATA					LINING DATA			
FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	UPSTREAM MH	DOWNSTREAM MH	LS BASIN	DIAMETER	MATERIAL	LENGTH (LF)	LAST INSPECTION (YR)	QUICK RATING - STRUCTURAL	PIPE RATING INDEX - STRUCTURAL	QUICK RATING - O&M	PIPE RATING INDEX - O&M	OVERALL PIPE RATING	PIPE RATING INDEX - OVERALL	PRIORITIZATION	REHAB REQUIRED	POINT REPAIR FID	WORK ORDER NUMBER	PURCHASE ORDER NUMBER	DATE COMPLETE	DESCRIPTION	PURCHASE ORDER NUMBER	IPO RELEASE	LENGTH LINED (LF)	DATE COMPLETE	
GM0898	MH-859 MH-858	WW COLLECTION	S JULIA CIR	MH-859	MH-858	17	8	VCP	349.123715	8/4/2016	5140	3.604651	4931	3.9	194	3.660377	COMPLETED 223	LOW PRIORITY	-	-	-	-	-	-	17-02368	002	349.12	2/17/2017
GM0899	MH-860 MH-859	WW COLLECTION	S JULIA CIR	MH-860	MH-859	17	8	VCP	326.9979678	1/5/2016	4433	2.846154	0000	0	37	2.846154	58	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0900	MH-861 MH-862	WW COLLECTION	N JULIA CIR	MH-861	MH-862	17	8	VCP	199.4244312	1/5/2016	4233	2.777778	2400	2	33	2.538461	33	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0901	MH-862 MH-863	WW COLLECTION	N JULIA CIR	MH-862	MH-863	17	8	VCP	355.1366044	1/5/2016	4136	2.615385	2700	2	48	2.4	COMPLETED 282	-	-	-	-	-	-	-	17-02356	001	355.14	12/13/2017
GM0902	MH-863 MH-864	WW COLLECTION	N JULIA CIR	MH-863	MH-864	17	8	VCP	351.26015	1/5/2016	4100	4	3100	3	9	3	38	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0903	MH-864 MH-865	WW COLLECTION	N JULIA CIR	MH-864	MH-865	17	8	VCP	350.221338	1/5/2016	4100	4	5141	3	22	3.142857	COMPLETED 32	NONE	-	-	-	-	-	-	21-01281	009	350.22	3/24/2021
GM0904	MH-865 MH-855	WW COLLECTION	ALTON DR	MH-865	MH-855	17	8	VCP	104.8589703	8/10/2016	443A	3.1875	4100	4	55	3.235294	COMPLETED 264	-	-	-	-	-	-	-	17-02368	002	104.86	2/17/2017
GM0905	MH-866 MH-851	WW COLLECTION	ISLER DR	MH-866	MH-851	17	8	VCP	63.16946888	7/30/2016	4121	2.333333	0000	0	7	2.333333	199	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0906	MH-867 MH-848	WW COLLECTION	S ISLE DR	MH-867	MH-848	17	8	VCP	89.99589576	1/4/2016	3122	2.333333	0000	0	7	2.333333	LP	LOW PRIORITY	-	-	-	-	-	-	-	-	-	
GM0907	MH-741 MH-740	WW COLLECTION	BOCA CIEGA DR	MH-741	MH-740	1	24	PVC	26.08183751	8/18/2016	0000	0	0000	0	0	0	LP	POINT REPAIR/LINING	-	-	-	-	-	-	-	-	-	
GM0908	MH-899 MH-831	WW COLLECTION	-	-	-	10	-	-	26.65642392	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0909	CO-85 MH-899	WW COLLECTION	-	-	-	10	-	-	142.9434755	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0910	CO-84 MH-899	WW COLLECTION	-	-	-	10	-	-	145.8956397	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0911	MH-501 MH-502A	WW COLLECTION	-	-	-	18	12	PVC	60.51485284	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0912	MH-502 MH-502A	WW COLLECTION	-	-	-	18	12	PVC	15.18169099	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0913	MH-502A MH-502B	WW COLLECTION	-	-	-	18	12	PVC	18.71500529	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0914	MH-502B HD LS-1	WW COLLECTION	-	-	-	18	12	PVC	7.558625231	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0915	MH-362A MH-362B	WW COLLECTION	-	-	-	21	10	PVC	34.42190655	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0916	MH-362B HD LS-4	WW COLLECTION	-	-	-	21	10	PVC	21.12970053	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0917	MH-411 HD LS-3	WW COLLECTION	-	-	-	20	8	PVC	23.31309108	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0918	MH-436A HD LS-2	WW COLLECTION	-	-	-	19	8	PVC	17.55245531	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0919	MH-363 MH-362A	WW COLLECTION	-	-	-	21	10	PVC	145.552197	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0920	MH-436 MH-436A	WW COLLECTION	-	-	-	19	8	PVC	177.3633534	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0921	-	WW COLLECTION	BLIND PASS RD	-	-	1	8	VCP	248.6972	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0922	-	WW COLLECTION	BLIND PASS RD	-	-	1	8	PVC	208.3634	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0923	-	WW COLLECTION	72ND AVE	-	-	1	8	PVC	21.0032	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0924	-	WW COLLECTION	72ND AVE	-	-	1	8	PVC	42.1111	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0925	-	WW COLLECTION	BLING PASS RD	-	-	1	8	PVC	252.2136	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0926	-	WW COLLECTION	BLING PASS RD	-	-	1	8	PVC	208.7698	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0927	-	WW COLLECTION	73RD AVE	-	-	1	8	PVC	21.0225	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0928	-	WW COLLECTION	73RD AVE	-	-	1	24	VCP	40.2096	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0929	-	WW COLLECTION	73RD AVE	-	-	1	24	VCP	37.8037	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0930	-	WW COLLECTION	BOCA CIEGA DR	-	-	10	8	PVC	40.2353	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0931	-	WW COLLECTION	GULF WINDS DR	-	-	10	8	VCP	64.5654	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0932	-	WW COLLECTION	70TH AVE	-	-	10	8		302.8037	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0933	CO-83 MH-765A	WW COLLECTION	BLIND PASS RD	-	-	1	8		83.5925	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	
GM0934	MH-563 MH-562	WW COLLECTION	BLIND PASS RD	-	-	1	8		49.2046	-	-	-	-	-	-	-	UNK	-	-	-	-	-	-	-	-	-	-	

CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 6: MANHOLES

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	LS BASIN	DIAMETER (IN)	CONE MATERIAL	WALL MATERIAL	MH DEPTH RIM TO INVERT (FT)	YEAR AQUIRED	LAST MODIFICATION	MODIFICATION NOTES	LAST INSPECTION (YR)	NASSCO COMPONENT CODE	NASSCO REPAIR CODE	PRIORITIZATION
MH0001	MH-1	WW Collection	1ST AVE	5	48	BRICK	BRICK	3.9	1956	8/27/2018	REHABILITATION-LINED	2016	B	MGP	302
MH0002	MH-2	WW Collection	1ST AVE	5	48	BRICK	BRICK	3.7	1956	8/27/2018	REHABILITATION-LINED	2016	B	MGP	249
MH0003	MH-3	WW Collection	-	5	48	-	-	3.9	1956	-	-	2016	O	0	LP
MH0004	MH-4	WW Collection	2ND AVE	5	48	BRICK	BRICK	4.6	1956	12/5/2017	REHABILITATION-LINED	2016	B	MGP	184
MH0005	MH-5	WW Collection	2ND AVE	5	48	BRICK	BRICK	5.0	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	156
MH0006	MH-6	WW Collection	2ND AVE	5	48	BRICK	BRICK	5.4	1956	4/11/2017	REHABILITATION-LINED	2016	B	MGP	107
MH0007	MH-7	WW Collection	3RD AVE	5	48	BRICK	BRICK	4.3	1956	12/6/2017	REHABILITATION-LINED	2016	O	0	LP
MH0008	MH-8	WW Collection	3RD AVE	5	48	BRICK	BRICK	6.9	1956	1/17/2017	REHABILITATION-LINED	2016	B	MGP	94
MH0009	MH-9	WW Collection	3RD AVE	5	48	BRICK	BRICK	4.0	1956	12/6/2017	REHABILITATION-LINED	2016	O	0	238
MH0010	MH-10	WW Collection	4TH AVE	5	48	BRICK	BRICK	3.5	1956	8/27/2018	REHABILITATION-LINED	2016	O	0	317
MH0011	MH-11	WW Collection	4TH AVE	5	48	BRICK	BRICK	7.4	1956	1/17/2017	REHABILITATION-LINED	2016	B	MGP	84
MH0012	MH-12	WW Collection	4TH AVE	5	48	BRICK	BRICK	4.8	1956	12/5/2017	REHABILITATION-LINED	2016	B	MGP	151
MH0013	MH-13	WW Collection	-	5	48	BRICK	REINFORCED CONCRETE	5.2	1956	-	-	2016	O	0	LP
MH0014	MH-14	WW Collection	4TH AVE	5	48	BRICK	BRICK	3.8	1956	12/6/2017	REHABILITATION-LINED	2016	B	MGP	235
MH0015	MH-15	WW Collection	PASS A GRILLE WAY	5	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.6	1956	-	-	2016	B	MGP	LP
MH0016	MH-16	WW Collection	PASS A GRILLE WAY	5	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.5	1956	-	-	2016	B	MGP	LP
MH0017	MH-17	WW Collection	PASS A GRILLE WAY	5	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.5	1956	-	-	2016	B	MGP	LP
MH0018	MH-18	WW Collection	PASS A GRILLE WAY	5	48	BRICK	BRICK	9.3	1956	4/11/2017	REHABILITATION-LINED	2016	O	0	LP
MH0019	MH-19	WW Collection	6TH AVE	5	48	BRICK	BRICK	4.4	1956	12/5/2017	REHABILITATION-LINED	2016	B	MGP	207
MH0020	MH-20	WW Collection	6TH AVE	5	48	BRICK	BRICK	4.2	1956	1/17/2017	REHABILITATION-LINED	2016	CMI	FH2	25
MH0021	MH-21	WW Collection	6TH AVE	5	48	BRICK	BRICK	3.8	1956	8/27/2018	REHABILITATION-LINED	2016	B	MGP	301
MH0022	MH-22	WW Collection	6TH AVE	5	48	BRICK	BRICK	4.1	1956	12/6/2017	REHABILITATION-LINED	2016	B	MGP	234
MH0023	MH-23	WW Collection	PASS A GRILLE WAY	5	48	BRICK	BRICK	9.5	1956	4/11/2017	REHABILITATION-LINED	2016	O	0	LP
MH0024	MH-24	WW Collection	PASS A GRILLE WAY	5	48	BRICK	BRICK	8.7	1956	4/11/2017	REHABILITATION-LINED	2016	O	0	LP
MH0025	MH-25	WW Collection	PASS A GRILLE WAY	5	48	BRICK	BRICK	7.3	1956	-	-	2016	B	MGP	LP
MH0026	MH-26	WW Collection	8TH AVE	5	48	BRICK	BRICK	3.5	1956	12/6/2017	REHABILITATION-LINED	2016	O	0	LP
MH0027	MH-28	WW Collection	8TH AVE	5	48	BRICK	BRICK	4.2	1956	8/27/2018	REHABILITATION-LINED	2016	B	MGP	294
MH0028	MH-29	WW Collection	7TH AVE	5	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.2	1956	-	-	2016	B	MGP	LP
MH0029	MH-30	WW Collection	8TH AVE	5	48	BRICK	BRICK	2.8	1956	8/28/2018	REHABILITATION-LINED	2016	B	MGP	324
MH0030	MH-31	WW Collection	-	5	48	-	-	4.1	1956	12/6/2017	REHABILITATION-LINED	2016	B	MGP	185
MH0031	MH-33	WW Collection	PASS A GRILLE WAY	5	48	BRICK	BRICK	6.2	1956	4/11/2017	REHABILITATION-LINED	2016	B	MGP	108
MH0032	MH-34	WW Collection	10TH AVE	5	48	BRICK	BRICK	5.2	1956	4/11/2017	REHABILITATION-LINED	2016	B	MGP	139
MH0033	MH-35	WW Collection	11TH AVE	5	48	BRICK	REINFORCED CONCRETE	4.5	1956	-	-	2016	O	0	LP
MH0034	MH-36	WW Collection	11TH AVE	5	48	BRICK	BRICK	3.8	1956	8/28/2018	REHABILITATION-LINED	2016	O	0	322
MH0035	MH-37	WW Collection	10TH AVE	5	48	BRICK	BRICK	3.7	1956	12/5/2017	REHABILITATION-LINED	2016	B	MGP	214
MH0036	MH-38	WW Collection	GULF WAY & 10TH AVE	5	48	BRICK	BRICK	6.7	1956	12/6/2017	REHABILITATION-LINED	2016	B	MGP	147
MH0037	MH-40	WW Collection	PASS A GRILLE WAY	5	48	BRICK	BRICK	3.9	1956	8/28/2018	REHABILITATION-LINED	2016	B	MGP	280
MH0038	MH-41	WW Collection	PASS A GRILLE WAY	4	48	BRICK	BRICK	4.5	1956	9/7/2018	REHABILITATION-LINED	2016	O	0	LP
MH0039	MH-42	WW Collection	PASS A GRILLE WAY	4	48	BRICK	BRICK	4.9	1956	9/17/2018	REHABILITATION-LINED	2016	O	0	LP
MH0040	MH-43	WW Collection	12TH AVE	4	48	BRICK	BRICK	4.6	1956	12/5/2017	REHABILITATION-LINED	2016	B	MGP	173
MH0041	MH-44	WW Collection	11TH AVE	4	48	BRICK	BRICK	4.5	1956	12/5/2017	REHABILITATION-LINED	2016	B	MGP	200
MH0042	MH-45	WW Collection	11TH AVE	4	48	BRICK	BRICK	2.6	1956	8/30/2018	REHABILITATION-LINED	2016	O	0	333
MH0043	MH-46	WW Collection	12TH AVE	4	48	BRICK	BRICK	4.4	1956	12/5/2017	REHABILITATION-LINED	2016	B	MGP	172
MH0044	MH-47	WW Collection	12TH AVE	4	48	BRICK	BRICK	3.7	1956	8/28/2018	REHABILITATION-LINED	2016	B	MGP	309
MH0045	MH-48	WW Collection	12TH AVE	4	48	BRICK	BRICK	3.7	1956	4/12/2017	REHABILITATION-LINED	2016	B	MGP	313
MH0046	MH-49	WW Collection	PASS A GRILLE WAY	4	48	BRICK	BRICK	5.4	1956	12/7/2017	REHABILITATION-LINED	2016	O	0	LP
MH0047	MH-50	WW Collection	PASS A GRILLE WAY	4	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.9	1956	-	-	2016	O	0	LP
MH0048	MH-51	WW Collection	PASS A GRILLE WAY	4	48	BRICK	BRICK	5.9	1956	4/12/2017	REHABILITATION-LINED	2016	O	0	LP
MH0049	MH-52	WW Collection	14TH AVE	4	48	BRICK	BRICK	5.1	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	171
MH0050	MH-53	WW Collection	PASS A GRILLE WAY	4	48	BRICK	REINFORCED CONCRETE	8.5	1956	-	-	2016	O	0	LP
MH0051	MH-54	WW Collection	13TH AVE	4	48	BRICK	BRICK	3.7	1956	8/28/2018	REHABILITATION-LINED	2016	B	MGP	293
MH0052	MH-55	WW Collection	14TH AVE	4	48	BRICK	BRICK	4.3	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	233
MH0053	MH-56	WW Collection	14TH AVE	4	48	BRICK	BRICK	4.1	1956	8/28/2018	REHABILITATION-LINED	2016	B	MGP	279
MH0054	MH-58	WW Collection	PASS A GRILLE WAY	4	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.6	1956	-	-	2016	O	0	LP
MH0055	MH-59	WW Collection	16TH AVE	4	48	BRICK	BRICK	4.7	1956	12/6/2017	REHABILITATION-LINED	2016	B	MGP	162
MH0056	MH-60	WW Collection	17TH AVE	4	48	BRICK	BRICK	3.9	1956	9/21/2018	REHABILITATION-LINED	2016	O	0	318
MH0057	MH-61	WW Collection	16TH AVE	4	48	BRICK	BRICK	4.1	1956	8/28/2018	REHABILITATION-LINED	2016	B	MGP	278
MH0058	MH-62	WW Collection	16TH AVE	4	48	BRICK	BRICK	4.1	1956	12/6/2017	REHABILITATION-LINED	2016	B	MGP	206
MH0059	MH-64	WW Collection	PASS A GRILLE WAY	4	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.1	1956	-	-	2016	O	0	LP
MH0060	MH-65	WW Collection	18TH AVE	4	48	BRICK	BRICK	5.3	1956	4/12/2017	REHABILITATION-LINED	2016	B	MGP	146
MH0061	MH-66	WW Collection	17TH AVE	4	48	BRICK	BRICK	4.6	1956	12/7/2017	REHABILITATION-LINED	2016	O	0	230
MH0062	MH-67	WW Collection	17TH AVE	4	48	BRICK	BRICK	3.9	1956	8/28/2018	REHABILITATION-LINED	2016	O	0	273
MH0063	MH-68	WW Collection	18TH AVE	4	48	BRICK	BRICK	4.1	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	244
MH0064	MH-69	WW Collection	18TH AVE	4	48	BRICK	BRICK	4.1	1956	12/8/2017	REHABILITATION-LINED	2016	B	MGP	232
MH0065	MH-70	WW Collection	PASS A GRILLE WAY	4	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.9	1956	-	-	2016	O	0	LP
MH0066	MH-71	WW Collection	PASS A GRILLE WAY	4	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.5	1956	-	-	2016	O	0	LP
MH0067	MH-72	WW Collection	20TH AVE	4	48	BRICK	BRICK	4.5	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	155
MH0068	MH-73	WW Collection	19TH AVE	4	48	BRICK	BRICK	3.9	1956	12/8/2017	REHABILITATION-LINED	2016	B	MGP	243

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	LS BASIN	DIAMETER (IN)	CONE MATERIAL	WALL MATERIAL	MH DEPTH RIM TO INVERT (FT)	YEAR AQUIRED	LAST MODIFICATION	MODIFICATION NOTES	LAST INSPECTION (YR)	NASSCO COMPONENT CODE	NASSCO REPAIR CODE	PRIORITIZATION
MH0069	MH-74	WW Collection	19TH AVE	4	48	BRICK	BRICK	3.9	1956	8/28/2018	REHABILITATION-LINED	2016	B	MGP	277
MH0070	MH-75	WW Collection	21ST AVE	4	48	BRICK	BRICK	3.9	1956	12/7/2017	REHABILITATION-LINED	2016	0	0	217
MH0071	MH-76	WW Collection	21ST AVE	4	48	BRICK	BRICK	4.0	1956	12/7/2017	REHABILITATION-LINED	2016	0	0	237
MH0072	MH-166	WW Collection	PASS A GRILLE WAY	3	48	-	-	5.0	1956	-	-	2016	0	0	LP
MH0073	MH-167	WW Collection	PASS A GRILLE WAY	3	48	-	-	5.2	1956	-	-	2016	0	0	LP
MH0074	MH-168	WW Collection	22ND AVE	3	48	BRICK	BRICK	4.4	1956	8/28/2018	REHABILITATION-LINED	2016	0	0	LP
MH0075	MH-169	WW Collection	-	3	48	BRICK	BRICK	3.8	1956	8/30/2018	REHABILITATION-LINED	2016	0	0	LP
MH0076	MH-170	WW Collection	21ST AVE	3	48	BRICK	BRICK	4.3	1956	8/30/2018	REHABILITATION-LINED	2016	0	0	LP
MH0077	MH-173	WW Collection	PASS A GRILLE WAY	3	48	-	-	5.1	1956	-	-	2016	0	0	LP
MH0078	MH-174	WW Collection	PASS A GRILLE WAY	3	48	-	-	5.3	1956	-	-	2016	0	0	LP
MH0079	MH-175	WW Collection	22TH AVE & SUNSET WAY	3	48	BRICK	BRICK	3.9	1956	4/17/2017	REHABILITATION-LINED	2016	B	MGP	134
MH0080	MH-176	WW Collection	SUNSET WAY	3	48	BRICK	BRICK	4.7	1956	1/2/2018	REHABILITATION-LINED	2016	B	MGP	158
MH0081	MH-177	WW Collection	SUNSET WAY	3	48	-	-	3.0	1956	-	-	-	-	-	LP
MH0082	MH-178	WW Collection	SUNSET WAY	3	48	BRICK	BRICK	4.6	1956	1/20/2017	REHABILITATION-LINED	2016	COI	FC	24
MH0083	MH-179	WW Collection	PASS A GRILLE WAY	3	48	BRICK	BRICK	3.8	1956	1/2/2018	REHABILITATION-LINED	2016	B	MGP	211
MH0084	MH-180	WW Collection	PASS A GRILLE WAY	3	48	-	-	5.8	1956	-	-	2016	0	0	LP
MH0085	MH-181	WW Collection	PASS A GRILLE WAY	3	48	-	-	5.8	1956	-	-	2016	0	0	LP
MH0086	MH-182	WW Collection	PASS A GRILLE WAY	3	48	-	-	5.6	1956	-	-	2016	0	0	LP
MH0087	MH-183	WW Collection	27TH AVE	3	48	-	-	6.5	1956	-	-	2016	0	0	LP
MH0088	MH-184	WW Collection	27TH AVE & SUNSET WAY	3	48	BRICK	BRICK	5.8	1956	12/21/2017	REHABILITATION-LINED	2016	B	MGP	157
MH0089	MH-185	WW Collection	PASS A GRILLE WAY	3	48	BRICK	BRICK	4.8	1956	12/12/2017	REHABILITATION-LINED	2016	B	MGP	176
MH0090	MH-186	WW Collection	PASS A GRILLE WAY	3	48	-	-	6.4	1956	-	-	2016	0	0	LP
MH0091	MH-187	WW Collection	PASS A GRILLE WAY	3	48	-	-	7.3	1956	-	-	2016	0	0	LP
MH0092	MH-188	WW Collection	PASS A GRILLE WAY	3	48	-	-	7.6	1956	-	-	2016	0	0	LP
MH0093	MH-189	WW Collection	29TH AVE & SUNSET WAY	3	48	-	-	7.1	1956	-	-	2016	0	0	LP
MH0094	MH-190	WW Collection	SUNSET WAY	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.4	1956	-	-	2016	B	MGP	LP
MH0095	MH-191	WW Collection	SUNSET WAY	3	48	BRICK	BRICK	5.6	1956	4/17/2017	REHABILITATION-LINED	2016	B	MGP	126
MH0096	MH-192	WW Collection	SUNSET WAY	3	48	BRICK	BRICK	4.1	1956	8/28/2018	REHABILITATION-LINED	2016	B	MGP	251
MH0097	MH-193	WW Collection	SUNSET WAY	3	48	BRICK	BRICK	4.6	1956	4/17/2017	REHABILITATION-LINED	2016	B	MGP	140
MH0098	MH-194	WW Collection	PASS A GRILLE WAY	3	48	BRICK	BRICK	2.6	1956	8/30/2018	REHABILITATION-LINED	2016	B	MGP	250
MH0099	MH-195	WW Collection	PASS A GRILLE WAY	3	48	-	-	8.3	1956	-	-	2016	0	0	LP
MH0100	MH-196	WW Collection	31ST AVE	3	48	-	-	8.8	1956	-	-	2016	0	0	LP
MH0101	MH-197	WW Collection	31ST AVE	3	48	BRICK	BRICK	4.6	1956	12/12/2017	REHABILITATION-LINED	2016	B	MGP	150
MH0102	MH-198	WW Collection	31ST AVE	3	48	CM	BRICK	4.3	1956	12/12/2017	REHABILITATION-LINED	2016	B	MGP	175
MH0103	MH-199	WW Collection	31ST AVE	3	48	BRICK	BRICK	4.2	1956	12/12/2017	REHABILITATION-LINED	2016	B	MGP	174
MH0104	MH-200	WW Collection	PASS A GRILLE WAY	3	48	BRICK	BRICK	4.1	1956	8/30/2018	REHABILITATION-LINED	2016	B	MGP	281
MH0105	MH-201	WW Collection	PASS A GRILLE WAY	3	48	-	-	9.5	1956	-	-	2016	0	0	LP
MH0106	MH-202	WW Collection	-	3	48	-	-	9.3	1956	-	-	2016	0	0	LP
MH0107	MH-203	WW Collection	-	3	48	BRICK	REINFORCED CONCRETE	4.8	1956	-	-	2016	0	0	LP
MH0108	MH-204	WW Collection	PASS A GRILLE WAY	3	48	-	-	9.6	1956	5/30/2017	REHABILITATION-LINED	2016	0	0	LP
MH0109	MH-205	WW Collection	PASS A GRILLE WAY	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.0	1956	-	-	2016	0	0	LP
MH0110	MH-206	WW Collection	-	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.4	1956	-	-	2016	0	0	LP
MH0111	MH-207	WW Collection	-	3	48	BRICK	REINFORCED CONCRETE	4.2	1956	-	-	2016	0	0	LP
MH0112	MH-208	WW Collection	-	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.6	1956	-	-	2016	0	0	LP
MH0113	MH-209	WW Collection	W MARITANA DR	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.3	1956	-	-	2016	0	0	LP
MH0114	MH-210	WW Collection	CASABLANCA	3	48	BRICK	BRICK	8.4	1956	1/25/2017	REHABILITATION-LINED	2016	0	0	56
MH0115	MH-211	WW Collection	CASABLANCA AVE	3	48	BRICK	BRICK	8.7	1956	1/25/2017	REHABILITATION-LINED	2016	0	0	55
MH0116	MH-212	WW Collection	-	3	48	BRICK	BRICK	9.5	1956	4/27/2017	REHABILITATION-LINED	2016	0	0	LP
MH0117	MH-213	WW Collection	E DE BAZAN AVE	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.3	1956	5/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0118	MH-214	WW Collection	E DE BAZAN AVE	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.3	1956	-	-	2016	0	0	LP
MH0119	MH-215	WW Collection	ALAMBRA ST	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.8	1956	-	-	2016	0	0	LP
MH0120	MH-216	WW Collection	E DE BAZAN AVE	3	48	BRICK	REINFORCED CONCRETE	9.3	1956	-	-	2016	0	0	LP
MH0121	MH-217	WW Collection	E DE BAZAN AVE	3	48	NON-REINFORCED CONCRETE	REINFORCED CONCRETE	10.6	1956	-	-	2016	0	0	LP
MH0122	MH-218	WW Collection	35TH AVE	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	11.3	1956	-	-	2016	0	0	LP
MH0123	MH-219	WW Collection	35TH AVE	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.9	1956	-	-	2016	0	0	LP
MH0124	MH-220	WW Collection	CASABLANCA AVE	3	48	BRICK	BRICK	6.6	1956	5/30/2017	REHABILITATION-LINED	2016	0	0	LP
MH0125	MH-221	WW Collection	CASABLANCA AVE	3	48	BRICK	REINFORCED CONCRETE	6.0	1956	-	-	2016	0	0	LP
MH0126	MH-222	WW Collection	35TH AVE	3	48	-	-	4.1	1956	-	-	2016	0	0	LP
MH0127	MH-223	WW Collection	CASABLANCA AVE	3	48	-	-	3.5	1956	-	-	-	-	-	LP
MH0128	MH-224	WW Collection	CASABLANCA AVE	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.1	1956	-	-	2016	0	0	LP
MH0129	MH-225	WW Collection	ALHAMBRA ST	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.1	1956	-	-	2016	0	0	LP
MH0130	MH-226	WW Collection	ALHAMBRA ST	3	48	BRICK	BRICK	4.9	1956	4/26/2017	REHABILITATION-LINED	2016	0	0	LP
MH0131	MH-227	WW Collection	W MARITANA DR	3	48	BRICK	BRICK	6.4	1956	5/30/2017	REHABILITATION-LINED	2016	0	0	LP
MH0132	MH-228	WW Collection	W DE BAZAN AVE	3	48	BRICK	BRICK	6.8	1956	5/9/2017	REHABILITATION-LINED	2016	0	0	LP
MH0133	MH-229	WW Collection	-	3	48	BRICK	BRICK	6.2	1956	5/9/2017	REHABILITATION-LINED	2016	0	0	LP
MH0134	MH-230	WW Collection	W MARITANA DR	3	48	BRICK	BRICK	5.3	1956	5/24/2017	REHABILITATION-LINED	2016	0	0	LP
MH0135	MH-231	WW Collection	W MARITANA DR	3	48	BRICK	BRICK	4.2	1956	9/4/2018	REHABILITATION-LINED	2016	0	0	LP
MH0136	MH-232	WW Collection	W MARITANA DR	3	48	BRICK	BRICK	4.1	1956	1/24/2018	REHABILITATION-LINED	2016	0	0	LP

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	LS BASIN	DIAMETER (IN)	CONE MATERIAL	WALL MATERIAL	MH DEPTH RIM TO INVERT (FT)	YEAR AQUIRED	LAST MODIFICATION	MODIFICATION NOTES	LAST INSPECTION (YR)	NASSCO COMPONENT CODE	NASSCO REPAIR CODE	PRIORITIZATION
MH0137	MH-233	WW Collection	E DE BAZAN AVE	3	48	BRICK	BRICK	4.1	1956	1/2/2018	REHABILITATION-LINED	2016	0	0	LP
MH0138	MH-234	WW Collection	GRANADA ST	3	48	BRICK	BRICK	3.8	1956	2/16/2018	REHABILITATION-LINED	2016	0	0	LP
MH0139	MH-235	WW Collection	E MARITANA DR	3	48	BRICK	BRICK	9.5	1956	4/17/2017	REHABILITATION-LINED	2016	0	0	LP
MH0140	MH-236	WW Collection	E MARITANA DR	3	48	NON-REINFORCED CONCRETE	REINFORCED CONCRETE	10.0	1956	-	-	2016	0	0	LP
MH0141	MH-237	WW Collection	BARCELONA ST	3	48	BRICK	BRICK	6.6	1956	5/8/2017	REHABILITATION-LINED	2016	0	0	LP
MH0142	MH-238	WW Collection	E DE BAZAN AVE	3	48	BRICK	BRICK	6.2	1956	5/8/2017	REHABILITATION-LINED	2016	0	0	LP
MH0143	MH-239	WW Collection	E DE BAZAN AVE	3	48	BRICK	BRICK	4.6	1956	9/4/2018	REHABILITATION-LINED	2016	0	0	LP
MH0144	MH-240	WW Collection	E MARITANA DR	3	48	BRICK	BRICK	4.1	1956	-	-	2016	0	0	LP
MH0145	MH-241	WW Collection	E MARITANA DR	3	48	BRICK	BRICK	4.2	1956	9/18/2018	REHABILITATION-LINED	2016	0	0	LP
MH0146	MH-242	WW Collection	GRANADA ST	3	48	BRICK	BRICK	3.9	1956	9/17/2018	REHABILITATION-LINED	2016	0	0	LP
MH0147	MH-243	WW Collection	E DE BAZAN AVE	3	48	BRICK	BRICK	3.7	1956	9/4/2018	REHABILITATION-LINED	2016	0	0	LP
MH0148	MH-244	WW Collection	E DE BAZAN AVE	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.3	1956	-	-	2016	0	0	LP
MH0149	MH-245	WW Collection	E DE BAZAN AVE	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.2	1956	-	-	2016	0	0	LP
MH0150	MH-246	WW Collection	S DE BAZAN AVE	3	48	BRICK	BRICK	7.8	1956	5/24/2017	REHABILITATION-LINED	2016	0	0	LP
MH0151	MH-247	WW Collection	E DE BAZAN AVE	3	48	REINFORCED CONCRETE	BRICK	8.1	1956	4/17/2017	REHABILITATION-LINED	2016	0	0	LP
MH0152	MH-248	WW Collection	S MARITANA DR	3	48	BRICK	BRICK	7.9	1956	4/17/2017	REHABILITATION-LINED	2016	0	0	LP
MH0153	MH-249	WW Collection	DON JOSE	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.8	1956	-	-	2016	0	0	LP
MH0154	MH-250	WW Collection	EL CENTRO ST	3	48	FRP	FRP	5.5	1956	-	-	2016	0	0	LP
MH0155	MH-251	WW Collection	EL CENTRO ST	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.3	1956	-	-	2016	0	0	LP
MH0156	MH-252	WW Collection	EL CENTRO ST	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.6	1956	-	-	2016	0	0	LP
MH0157	MH-253	WW Collection	EL CENTRO ST	2	48	OTHER	OTHER	5.8	1956	12/13/2017	REHABILITATION-LINED	2016	0	0	LP
MH0158	MH-254	WW Collection	GULF BLVD	2	48	OTHER	OTHER	6.1	1956	12/13/2017	REHABILITATION-LINED	2016	0	0	LP
MH0159	MH-255	WW Collection	GULF BLVD	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.7	1956	-	-	2016	0	0	LP
MH0160	MH-256	WW Collection	GULF BLVD	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.4	1956	-	-	2016	0	0	LP
MH0161	MH-258	WW Collection	GULF BLVD	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.6	1956	-	-	2016	0	0	LP
MH0162	MH-259	WW Collection	GULF BLVD	2	48	NON-REINFORCED CONCRETE	REINFORCED CONCRETE	6.9	1956	4/6/2017	REHABILITATION-LINED	2016	0	0	LP
MH0163	MH-260	WW Collection	GULF BLVD	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.3	1956	4/6/2017	REHABILITATION-LINED	2016	0	0	LP
MH0164	MH-261	WW Collection	GULF BLVD	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.9	1956	4/6/2017	REHABILITATION-LINED	2016	0	0	LP
MH0165	MH-262	WW Collection	44TH AVE	2	48	-	-	8.2	1956	4/6/2017	REHABILITATION-LINED	2016	0	0	LP
MH0166	MH-263	WW Collection	-	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.3	1956	4/5/2017	REHABILITATION-LINED	2016	0	0	LP
MH0167	MH-264	WW Collection	44TH AVE	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.7	1956	-	-	2016	0	0	LP
MH0168	MH-265	WW Collection	44TH AVE	7	48	-	-	9.4	1956	-	-	2016	0	0	LP
MH0169	MH-266	WW Collection	44TH AVE	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.7	1956	-	-	2016	0	0	LP
MH0170	MH-267	WW Collection	44TH AVE	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.7	1956	-	-	2016	0	0	LP
MH0171	MH-268	WW Collection	MOODY ST	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.0	1956	-	-	2016	0	0	LP
MH0172	MH-269	WW Collection	POINSETTIA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.6	1956	-	-	2016	0	0	LP
MH0173	MH-270	WW Collection	POINSETTIA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.0	1956	-	-	2016	0	0	LP
MH0174	MH-271	WW Collection	MOODY ST	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.4	1956	-	-	2016	0	0	LP
MH0175	MH-272	WW Collection	44TH AVE	7	48	NON-REINFORCED CONCRETE	NON-REINFORCED CONCRETE	3.7	1956	-	-	2016	0	0	LP
MH0176	MH-273	WW Collection	BELLE VISTA DR	7	48	NON-REINFORCED CONCRETE	NON-REINFORCED CONCRETE	4.4	1956	-	-	2016	0	0	LP
MH0177	MH-274	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.8	1956	-	-	2016	0	0	LP
MH0178	MH-275	WW Collection	-	7	48	REINFORCED CONCRETE	NON-REINFORCED CONCRETE	10.2	1956	9/6/2018	REHABILITATION-LINED	2016	0	0	340
MH0179	MH-276	WW Collection	MOODY ST	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.9	1956	-	-	2016	0	0	LP
MH0180	MH-277	WW Collection	BELLE VISTA DR	7	48	NON-REINFORCED CONCRETE	NON-REINFORCED CONCRETE	6.0	1956	-	-	2016	0	0	LP
MH0181	MH-278	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.8	1956	-	-	2016	0	0	LP
MH0182	MH-279	WW Collection	MOODY ST	7	48	BRICK	BRICK	8.9	1956	1/24/2017	REHABILITATION-LINED	2016	WI	ID	11
MH0183	MH-280	WW Collection	MOODY ST	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.6	1956	-	-	2016	0	0	LP
MH0184	MH-281	WW Collection	BELLE VISTA DR	7	48	BRICK	REINFORCED CONCRETE	5.5	1956	-	-	2016	0	0	LP
MH0185	MH-282	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.2	1956	-	-	2016	0	0	LP
MH0186	MH-283	WW Collection	-	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.7	1956	-	-	2016	0	0	LP
MH0187	MH-284	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.4	1956	-	-	2016	0	0	LP
MH0188	MH-285	WW Collection	41ST AVE	7	48	-	-	7.9	1956	-	-	2016	0	0	LP
MH0189	MH-286	WW Collection	41ST AVE	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.2	1956	-	-	2016	0	0	LP
MH0190	MH-287	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.4	1956	-	-	2016	0	0	LP
MH0191	MH-288	WW Collection	40TH AVE	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.5	1956	-	-	2016	0	0	LP
MH0192	MH-289	WW Collection	OLLANDER WAY	7	48	REINFORCED CONCRETE	NON-REINFORCED CONCRETE	6.8	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	341
MH0193	MH-290	WW Collection	BELLE VISTA DR E	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.2	1956	-	-	2016	0	0	LP
MH0194	MH-291	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.4	1956	-	-	2016	0	0	LP
MH0195	MH-292	WW Collection	40TH AVE	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.1	1956	-	-	2016	0	0	LP
MH0196	MH-293	WW Collection	COODY ST	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.4	1956	-	-	2016	0	0	LP
MH0197	MH-294	WW Collection	MOODY ST	7	48	BRICK	REINFORCED CONCRETE	5.8	1956	-	-	2016	0	0	LP
MH0198	MH-295	WW Collection	40TH AVE	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.6	1956	-	-	2016	0	0	LP
MH0199	MH-296	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.1	1956	-	-	2016	0	0	LP
MH0200	MH-297	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.8	1956	-	-	2016	WI	B	LP
MH0201	MH-298	WW Collection	BELLE VISTA DR E	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.4	1956	-	-	2016	0	0	LP
MH0202	MH-299	WW Collection	BELLE VISTA DR	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.4	1956	-	-	2016	0	0	LP
MH0203	MH-300	WW Collection	MANGROVE POINT DR	7	48	BRICK	BRICK	4.5	1956	12/13/2017	REHABILITATION-LINED	2016	0	0	192
MH0204	MH-301	WW Collection	42ND AVE	7	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.8	1956	-	-	2016	0	0	LP

CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 6: MANHOLES

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	LS BASIN	DIAMETER (IN)	CONE MATERIAL	WALL MATERIAL	MH DEPTH RIM TO INVERT (FT)	YEAR AQUIRED	LAST MODIFICATION	MODIFICATION NOTES	LAST INSPECTION (YR)	NASSCO COMPONENT CODE	NASSCO REPAIR CODE	PRIORITIZATION
MH0205	MH-302	WW Collection	42ND AVE	7	48	NON-REINFORCED CONCRETE	REINFORCED CONCRETE	3.6	1956	-	-	2016	0	0	LP
MH0206	MH-303	WW Collection	42ND AVE	16	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.3	1956	-	-	2016	0	0	LP
MH0207	MH-304	WW Collection	41ST AVE	16	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.3	1956	-	-	2016	0	0	LP
MH0208	MH-305	WW Collection	41ST AVE	16	48	BRICK	REINFORCED CONCRETE	8.3	1956	-	-	2016	0	0	LP
MH0209	MH-306	WW Collection	41ST AVE	16	48	BRICK	REINFORCED CONCRETE	9.5	1956	-	-	2016	0	0	LP
MH0210	MH-307	WW Collection	POINSETTIA DR	16	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.4	1956	-	-	2016	0	0	LP
MH0211	MH-308	WW Collection	41ST AVE	16	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.5	1956	-	-	2016	0	0	LP
MH0212	MH-309	WW Collection	41ST AVE	16	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.4	1956	-	-	2016	0	0	LP
MH0213	MH-310	WW Collection	41ST AVE & MILLER DR	16	48	BRICK	BRICK	10.3	1956	4/18/2017	REHABILITATION-LINED	2016	0	0	LP
MH0214	MH-311	WW Collection	MILLER DR	16	48	BRICK	BRICK	11.5	1956	1/23/2017	REHABILITATION-LINED	2016	0	0	40
MH0215	MH-312	WW Collection	MILLER DR	16	48	BRICK	BRICK	11.3	1956	4/18/2017	REHABILITATION-LINED	2016	0	0	LP
MH0216	MH-313	WW Collection	41ST AVE	16	48	BRICK	BRICK	9.8	1956	4/18/2017	REHABILITATION-LINED	2016	0	0	LP
MH0217	MH-314	WW Collection	41ST AVE	16	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.5	1956	-	-	2016	0	0	LP
MH0218	MH-315	WW Collection	HOLLAND DR	16	48	BRICK	BRICK	10.4	1956	4/18/2017	REHABILITATION-LINED	2016	0	0	LP
MH0219	MH-316	WW Collection	HOLLAND DR	16	48	BRICK	BRICK	9.4	1956	4/18/2017	REHABILITATION-LINED	2016	0	0	112
MH0220	MH-317	WW Collection	41ST AVE	16	48	BRICK	REINFORCED CONCRETE	7.8	1956	-	-	2016	0	0	LP
MH0221	MH-318	WW Collection	POINSETTIA DR	16	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.5	1956	-	-	2016	0	0	LP
MH0222	MH-319	WW Collection	POINSETTIA DR	16	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.2	1956	-	-	2016	0	0	LP
MH0223	MH-320	WW Collection	POINSETTIA DR	8	48	BRICK	BRICK	4.4	1956	9/6/2018	REHABILITATION-LINED	2016	0	0	272
MH0224	MH-321	WW Collection	39TH AVE	8	48	BRICK	BRICK	6.3	1956	4/18/2017	REHABILITATION-LINED	2016	0	0	137
MH0225	MH-322	WW Collection	-	8	48	BRICK	BRICK	7.2	1956	4/18/2017	REHABILITATION-LINED	2016	0	0	122
MH0226	MH-323	WW Collection	-	8	48	BRICK	BRICK	7.5	1956	1/23/2017	REHABILITATION-LINED	2016	0	0	93
MH0227	MH-324	WW Collection	CLEARVIEW WAY	8	48	-	-	8.2	1956	1/23/2017	REHABILITATION-LINED	2016	0	0	82
MH0228	MH-325	WW Collection	-	8	48	-	-	10.3	1956	1/23/2017	REHABILITATION-LINED	2016	WI	ID	10
MH0229	MH-326	WW Collection	BELLE POINT DR	8	48	AC	BRICK	11.2	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	34
MH0230	MH-327	WW Collection	BELLE POINT DR	8	48	-	-	8.2	1956	1/23/2017	REHABILITATION-LINED	2016	0	0	83
MH0231	MH-328	WW Collection	BELLE POINT DR	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.0	1956	-	-	2016	0	0	LP
MH0232	MH-329	WW Collection	BELLE POINT	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.9	1956	-	-	2016	0	0	LP
MH0233	MH-330	WW Collection	BELLE POINT DR	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.3	1956	-	-	2016	B	MGP	LP
MH0234	MH-331	WW Collection	39TH AVE	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.0	1956	-	-	2016	B	MGP	LP
MH0235	MH-332	WW Collection	BELLE VISTA DR E	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.1	1956	-	-	2016	0	0	LP
MH0236	MH-333	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	6.5	1956	12/14/2018	REHABILITATION-LINED	2016	0	0	LP
MH0237	MH-334	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	6.3	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	145
MH0238	MH-335	WW Collection	39TH AVE	8	48	BRICK	BRICK	5.1	1956	12/13/2017	REHABILITATION-LINED	2016	0	0	209
MH0239	MH-336	WW Collection	39TH AVE	8	48	AC	BRICK	4.5	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	332
MH0240	MH-337	WW Collection	39TH AVE	8	48	FRP	FRP	10.5	1956	-	-	2016	0	0	LP
MH0241	MH-338	WW Collection	39TH AVE	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.8	1956	-	-	2016	0	0	LP
MH0242	MH-339	WW Collection	39TH AVE	8	48	BRICK	BRICK	8.8	1956	3/30/2017	REHABILITATION-LINED	2016	0	0	73
MH0243	MH-340	WW Collection	39TH AVE	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.1	1956	-	-	2016	0	0	LP
MH0244	MH-341	WW Collection	39TH AVE	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.9	1956	-	-	2016	0	0	LP
MH0245	MH-342	WW Collection	BELLE POINT DR	8	48	BRICK	BRICK	5.2	1956	12/13/2017	REHABILITATION-LINED	2016	B	MGP	195
MH0246	MH-343	WW Collection	BELLE POINT DR	8	48	BRICK	BRICK	5.2	1956	12/13/2017	REHABILITATION-LINED	2016	0	0	228
MH0247	MH-345	WW Collection	BELLE POINT DR	8	48	FRP	FRP	6.7	1956	-	-	2016	0	0	LP
MH0248	MH-346	WW Collection	-	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.6	1956	-	-	2016	B	MGP	LP
MH0249	MH-347	WW Collection	BELLE VISTA DR E	8	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.9	1956	-	-	2016	0	0	LP
MH0250	MH-348	WW Collection	BELLE VASTA DR E	8	48	-	-	9.2	1956	3/30/2017	REHABILITATION-LINED	2016	WI	ID	14
MH0251	MH-349	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	8.6	1956	1/23/2017	REHABILITATION-LINED	2016	0	0	81
MH0252	MH-350	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	8.1	1956	1/27/2017	REHABILITATION-LINED	2016	0	0	92
MH0253	MH-351	WW Collection	BELLE VISRTA DR E	8	48	BRICK	BRICK	7.4	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	104
MH0254	MH-352	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	6.9	1956	4/19/2017	REHABILITATION-LINED	2016	B	MGP	138
MH0255	MH-353	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	6.1	1956	12/14/2018	REHABILITATION-LINED	2016	0	0	191
MH0256	MH-354	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	5.2	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	271
MH0257	MH-355	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	5.0	1956	9/4/2018	REHABILITATION-LINED	2016	0	0	LP
MH0258	MH-357	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	6.4	1956	4/18/2017	REHABILITATION-LINED	2016	0	0	136
MH0259	MH-358	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	5.7	1956	12/13/2017	REHABILITATION-LINED	2016	0	0	166
MH0260	MH-359	WW Collection	BELLE VISTA DR E	8	48	BRICK	BRICK	4.9	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	LP
MH0261	MH-360	WW Collection	GULF BLVD	8	48	BRICK	BRICK	4.5	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	LP
MH0262	MH-361	WW Collection	GULF BLVD	8	48	BRICK	BRICK	3.0	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	330
MH0263	MH-362	WW Collection	GULF BLVD	21	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.2	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	LP
MH0264	MH-363	WW Collection	GULF BLVD	21	48	REINFORCED CONCRETE	BRICK	7.4	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	LP
MH0265	MH-364	WW Collection	GULF BLVD	21	48	-	-	5.9	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	LP
MH0266	MH-365	WW Collection	GULF BLVD	21	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.5	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	LP
MH0267	MH-366	WW Collection	GULF BLVD	2	48	OTHER	OTHER	8.1	1956	4/5/2017	REHABILITATION-LINED	2016	WI	ID	12
MH0268	MH-367	WW Collection	45TH AVE	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.3	1956	4/5/2017	REHABILITATION-LINED	2016	0	0	LP
MH0269	MH-368	WW Collection	1ST ST E& LIDO DR	2	48	BRICK	BRICK	8.4	1956	3/20/2017	REHABILITATION-LINED	2016	0	0	72
MH0270	MH-369	WW Collection	LIDO DR	2	48	BRICK	BRICK	6.3	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	121
MH0271	MH-370	WW Collection	LIDO DR	2	48	BRICK	BRICK	5.2	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	132
MH0272	MH-371	WW Collection	LIDO DR	2	48	BRICK	BRICK	5.1	1956	12/14/2018	REHABILITATION-LINED	2016	0	0	198

TABLE 6: MANHOLES
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FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	LS BASIN	DIAMETER (IN)	CONE MATERIAL	WALL MATERIAL	MH DEPTH RIM TO INVERT (FT)	YEAR AQUIRED	LAST MODIFICATION	MODIFICATION NOTES	LAST INSPECTION (YR)	NASSCO COMPONENT CODE	NASSCO REPAIR CODE	PRIORITIZATION
MH0273	MH-372	WW Collection	45TH AVE	2	48	BRICK	BRICK	4.0	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	306
MH0274	MH-373	WW Collection	45TH AVE	2	48	BRICK	BRICK	3.6	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	321
MH0275	MH-374	WW Collection	45TH AVE	2	48	BRICK	BRICK	5.3	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	135
MH0276	MH-375	WW Collection	45TH AVE	2	48	BRICK	BRICK	3.4	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	270
MH0277	MH-376	WW Collection	GULF BLVD	2	48	BRICK	BRICK	4.9	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	320
MH0278	MH-377	WW Collection	GULF BLVD	2	48	BRICK	BRICK	3.2	1956	9/5/2018	REHABILITATION-LINED	2016	0	0	338
MH0279	MH-378	WW Collection	46TH AVE	2	48	-	-	8.1	1956	3/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0280	MH-379	WW Collection	46TH AVE	2	48	-	-	7.8	1956	3/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0281	MH-380	WW Collection	46TH AVE	2	48	BRICK	BRICK	6.6	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	110
MH0282	MH-381	WW Collection	46TH AVE	2	48	BRICK	BRICK	6.0	1956	1/26/2017	REHABILITATION-LINED	2016	0	0	102
MH0283	MH-382	WW Collection	46TH AVE	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.1	1956	-	-	2016	0	0	LP
MH0284	MH-383	WW Collection	46TH AVE	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.3	1956	-	-	2016	0	0	LP
MH0285	MH-384	WW Collection	46TH AVE	2	48	REINFORCED CONCRETE	NON-REINFORCED CONCRETE	3.9	1956	9/6/2018	REHABILITATION-LINED	2016	0	0	343
MH0286	MH-385	WW Collection	PLAZA WAY	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.1	1956	-	-	2016	0	0	LP
MH0287	MH-386	WW Collection	PLAZA WAY	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.3	1956	-	-	2016	0	0	LP
MH0288	MH-387	WW Collection	BOCA CIEGA ISLE DR	2	48	BRICK	BRICK	2.7	1956	9/14/2018	REHABILITATION-LINED	2016	0	0	LP
MH0289	MH-388	WW Collection	BOCA CIEGA ISLE DR	2	48	BRICK	BRICK	2.0	1956	-	-	2016	0	0	LP
MH0290	MH-389	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	10.6	1956	1/24/2017	REHABILITATION-LINED	2016	0	0	31
MH0291	MH-390	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	9.3	1956	1/26/2017	REHABILITATION-LINED	2016	0	0	46
MH0292	MH-391	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	8.9	1956	1/26/2017	REHABILITATION-LINED	2016	WI	ID	13
MH0293	MH-392	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	6.7	1956	1/26/2017	REHABILITATION-LINED	2016	WI	ID	15
MH0294	MH-393	WW Collection	BOCA CIEGA ISLE DR	9	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.2	1956	-	-	2016	0	0	LP
MH0295	MH-394	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	5.7	1956	9/6/2018	REHABILITATION-LINED	2016	0	0	291
MH0296	MH-395	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	4.1	1956	1/24/2017	REHABILITATION-LINED	2016	WI	ID	17
MH0297	MH-396	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	3.3	1956	9/6/2018	REHABILITATION-LINED	2016	0	0	335
MH0298	MH-397	WW Collection	BOCA CIEGA ISLE DR	9	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.8	1956	-	-	2016	0	0	LP
MH0299	MH-398	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	9.5	1956	1/24/2017	REHABILITATION-LINED	2016	WI	B	21
MH0300	MH-399	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	8.4	1956	1/24/2017	REHABILITATION-LINED	2016	0	0	91
MH0301	MH-400	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	7.3	1956	1/24/2017	REHABILITATION-LINED	2016	WI	B	22
MH0302	MH-401	WW Collection	BOCA CIEGA ISLE DR	9	48	BRICK	BRICK	6.6	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	120
MH0303	MH-402	WW Collection	BOCACIEGA ISLE DR	9	48	REINFORCED CONCRETE	NON-REINFORCED CONCRETE	4.3	1956	9/6/2018	REHABILITATION-LINED	2016	0	0	342
MH0304	MH-403	WW Collection	GULF BLDV	9	48	BRICK	BRICK	3.7	1956	9/6/2018	REHABILITATION-LINED	2016	0	0	290
MH0305	MH-404	WW Collection	GULF BLVD	9	48	BRICK	BRICK	3.4	1956	9/6/2018	REHABILITATION-LINED	2016	0	0	305
MH0306	MH-405	WW Collection	GULF BLVD	2	48	BRICK	BRICK	7.8	1956	3/20/2017	REHABILITATION-LINED	2016	0	0	48
MH0307	MH-406	WW Collection	GULF BLVD	2	48	BRICK	BRICK	8.6	1956	3/20/2017	REHABILITATION-LINED	2016	0	0	54
MH0308	MH-407	WW Collection	50TH AVE	2	48	-	-	9.7	1956	3/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0309	MH-408	WW Collection	51ST AVE	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.1	1956	3/21/2017	REHABILITATION-LINED	2016	WI	ID	LP
MH0310	MH-409	WW Collection	GULF BLVD	2	48	BRICK	BRICK	6.5	1956	1/26/2017	REHABILITATION-LINED	2016	0	0	97
MH0311	MH-410	WW Collection	GULF BLVD	2	48	BRICK	BRICK	4.0	1956	9/14/2018	REHABILITATION-LINED	2016	0	0	299
MH0312	MH-411	WW Collection	GULF BLVD	20	48	BRICK	BRICK	8.8	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	LP
MH0313	MH-412	WW Collection	GULF BLVD	20	48	BRICK	BRICK	7.4	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	80
MH0314	MH-413	WW Collection	GULF BLVD	20	48	BRICK	BRICK	5.9	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	LP
MH0315	MH-414	WW Collection	-	20	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.8	1956	2/1/2017	REHABILITATION-LINED	2016	0	0	LP
MH0316	MH-415	WW Collection	GULF BLVD	20	48	-	-	9.4	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0317	MH-416	WW Collection	51ST AVE	20	48	-	-	4.5	1956	12/14/2018	REHABILITATION-LINED	2016	0	0	193
MH0318	MH-417	WW Collection	GULF BLVD	20	48	NON-REINFORCED CONCRETE	REINFORCED CONCRETE	8.6	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0319	MH-418	WW Collection	-	20	48	BRICK	BRICK	3.9	1956	12/14/2018	REHABILITATION-LINED	2016	0	0	189
MH0320	MH-419	WW Collection	GULF BLVD	20	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.9	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0321	MH-420	WW Collection	GULF BLVD	20	48	-	-	4.0	1956	12/14/2018	REHABILITATION-LINED	2016	0	0	218
MH0322	MH-421	WW Collection	GULF BLVD	20	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.2	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0323	MH-422	WW Collection	51ST AVE	20	48	-	-	5.7	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0324	MH-423	WW Collection	51ST AVE	2	48	BRICK	BRICK	10.3	1956	3/21/2017	REHABILITATION-LINED	2016	WE	IR	4
MH0325	MH-424	WW Collection	GULF BLVD	2	48	BRICK	BRICK	6.8	1956	3/21/2017	REHABILITATION-LINED	2016	0	0	90
MH0326	MH-425	WW Collection	-	2	48	BRICK	BRICK	4.4	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	269
MH0327	MH-426	WW Collection	PUNTA VISTA DR	2	48	BRICK	BRICK	10.5	1956	3/21/2017	REHABILITATION-LINED	2016	WI	IR	5
MH0328	MH-427	WW Collection	PUNTA VISTA DR	2	48	-	-	8.1	1956	3/30/2017	REHABILITATION-LINED	2016	0	0	64
MH0329	MH-428	WW Collection	PUNTA VISTA DR	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.5	1956	-	-	2016	0	0	LP
MH0330	MH-429	WW Collection	GULF BLVD	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.5	1956	-	-	2016	0	0	LP
MH0331	MH-430	WW Collection	GULF BLVD	2	48	BRICK	BRICK	4.1	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	268
MH0332	MH-431	WW Collection	GULF BLVD	2	48	-	-	10.8	1956	3/22/2017	REHABILITATION-LINED	2016	0	0	LP
MH0333	MH-432	WW Collection	GULF BLVD	2	48	BRICK	BRICK	11.6	1956	3/22/2017	REHABILITATION-LINED	2016	WI	ID	8
MH0334	MH-433	WW Collection	GULF BLVD	2	48	BRICK	BRICK	11.9	1956	3/22/2017	REHABILITATION-LINED	2016	WI	RFB	27
MH0335	MH-434	WW Collection	GULF BLVD	2	48	BRICK	BRICK	12.4	1956	3/22/2017	REHABILITATION-LINED	2016	WI	ID	LP
MH0336	MH-435	WW Collection	GULF BLVD	2	48	-	-	13.0	1956	3/22/2017	REHABILITATION-LINED	2016	0	0	LP
MH0337	MH-436	WW Collection	GULF BLVD	19	48	REINFORCED CONCRETE	CRE	7.6	1956	-	-	2016	0	0	LP
MH0338	MH-437	WW Collection	GULF BLVD	19	48	BRICK	REINFORCED CONCRETE	5.7	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0339	MH-438	WW Collection	GULF BLVD	19	48	-	-	5.0	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0340	MH-439	WW Collection	-	19	48	BRICK	REINFORCED CONCRETE	7.2	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP

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MH0341	MH-440	WW Collection	-	19	48	-	-	5.9	1956	1/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0342	MH-441	WW Collection	-	2	48	-	-	11.2	1956	-	-	2016	0	0	LP
MH0343	MH-442	WW Collection	ALOHA DRIVE	2	48	-	-	9.4	1956	3/29/2017	REHABILITATION-LINED	2016	0	0	47
MH0344	MH-443	WW Collection	ALOHA DR	2	48	-	E	9.0	1956	-	-	2016	0	0	51
MH0345	MH-444	WW Collection	55TH AVE	2	48	BRICK	BRICK	5.8	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	LP
MH0346	MH-445	WW Collection	55TH AVE	2	48	BRICK	BRICK	4.3	1956	12/15/2017	REHABILITATION-LINED	2016	0	0	208
MH0347	MH-446	WW Collection	LELANI DR	2	48	EL	EL	7.7	1956	-	-	2016	0	0	LP
MH0348	MH-447	WW Collection	LEILANI DR	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.1	1956	-	-	2016	0	0	LP
MH0349	MH-448	WW Collection	55TH AVE	2	48	BRICK	BRICK	4.5	1956	12/14/2018	REHABILITATION-LINED	2016	0	0	LP
MH0350	MH-449	WW Collection	55TH AVE	2	48	BRICK	BRICK	3.9	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	267
MH0351	MH-450	WW Collection	PALI WAY	2	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.5	1956	-	-	2016	0	0	LP
MH0352	MH-451	WW Collection	PALI WAY	13	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.8	1956	-	-	2016	0	0	LP
MH0353	MH-452	WW Collection	55TH AVE	13	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.1	1956	-	-	2016	0	0	LP
MH0354	MH-453	WW Collection	55TH AVE	13	48	BRICK	BRICK	4.1	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	248
MH0355	MH-454	WW Collection	55TH AVE	13	48	REINFORCED CONCRETE	REINFORCED CONCRETE	11.1	1956	-	-	2016	0	0	LP
MH0356	MH-455	WW Collection	55TH AVE	13	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.2	1956	-	-	2016	0	0	LP
MH0357	MH-456	WW Collection	55TH AVE	13	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.9	1956	-	-	2016	0	0	LP
MH0358	MH-457	WW Collection	55TH AVE	13	48	BRICK	BRICK	6.2	1956	3/29/2017	REHABILITATION-LINED	2016	0	0	86
MH0359	MH-458	WW Collection	55TH AVE	13	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.6	1956	-	-	2016	0	0	LP
MH0360	MH-459	WW Collection	GULF BLVD	13	48	BRICK	BRICK	3.0	1956	12/14/2018	REHABILITATION-LINED	2016	0	0	188
MH0361	MH-460	WW Collection	GULF BLVD	13	48	BRICK	BRICK	1.5	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	334
MH0362	MH-461	WW Collection	GULF BLVD	2	48	REINFORCED CONCRETE	BRICK	12.0	1956	3/23/2017	REHABILITATION-LINED	2016	0	0	30
MH0363	MH-462	WW Collection	-	2	48	-	-	12.3	1956	3/23/2017	REHABILITATION-LINED	2016	0	0	LP
MH0364	MH-463	WW Collection	58TH AVE	2	48	BRICK	BRICK	11.4	1956	3/23/2017	REHABILITATION-LINED	2016	0	0	29
MH0365	MH-464	WW Collection	GULF BLVD	2	48	-	-	6.4	1956	3/29/2017	REHABILITATION-LINED	2016	0	0	100
MH0366	MH-465	WW Collection	-	2	48	BRICK	BRICK	4.3	1956	12/15/2017	REHABILITATION-LINED	2016	0	0	187
MH0367	MH-466	WW Collection	-	2	48	BRICK	BRICK	10.3	1956	3/23/2017	REHABILITATION-LINED	2016	0	0	71
MH0368	MH-467	WW Collection	60TH AVE & 2ND ST E	2	48	-	-	5.9	1956	3/29/2017	REHABILITATION-LINED	2016	WI	B	23
MH0369	MH-468	WW Collection	-	2	48	-	-	4.6	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	323
MH0370	MH-469	WW Collection	-	2	48	BRICK	BRICK	4.2	1956	12/15/2017	REHABILITATION-LINED	2016	0	0	229
MH0371	MH-470	WW Collection	2ND ST E	2	48	-	-	3.6	1956	12/15/2017	REHABILITATION-LINED	2016	0	0	239
MH0372	MH-471	WW Collection	2ND ST E	2	48	-	-	2.9	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	328
MH0373	MH-472	WW Collection	-	2	48	BRICK	BRICK	3.8	1956	12/15/2017	REHABILITATION-LINED	2016	0	0	LP
MH0374	MH-473	WW Collection	-	2	48	BRICK	BRICK	3.5	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	LP
MH0375	MH-474	WW Collection	-	2	48	-	-	5.4	1956	12/18/2017	REHABILITATION-LINED	2016	0	0	164
MH0376	MH-475	WW Collection	-	2	48	-	-	4.2	1956	12/15/2017	REHABILITATION-LINED	2016	0	0	199
MH0377	MH-476	WW Collection	-	2	48	-	-	3.6	1956	12/15/2017	REHABILITATION-LINED	2016	0	0	231
MH0378	MH-477	WW Collection	59TH AVE	2	48	-	-	3.7	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	274
MH0379	MH-478	WW Collection	BIKINI WAY	2	48	-	-	3.1	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	329
MH0380	MH-479	WW Collection	BIKINI WAY	15	48	BRICK	BRICK	8.0	1956	12/18/2017	REHABILITATION-LINED	2016	0	0	183
MH0381	MH-480	WW Collection	BIKINI WAY N	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.7	1956	-	-	2016	0	0	LP
MH0382	MH-481	WW Collection	59TH AVE	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.3	1956	-	-	2016	0	0	LP
MH0383	MH-482	WW Collection	59TH AVE	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.0	1956	-	-	2016	0	0	LP
MH0384	MH-483	WW Collection	59TH AVE	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.8	1956	-	-	2016	0	0	LP
MH0385	MH-484	WW Collection	BALI WAY	15	48	BRICK	BRICK	7.4	1956	9/11/2018	REHABILITATION-LINED	2016	0	0	266
MH0386	MH-485	WW Collection	59TH AVE	15	48	BRICK	BRICK	9.0	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	LP
MH0387	MH-486	WW Collection	BALI WAY	15	48	BRICK	BRICK	9.8	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	131
MH0388	MH-487	WW Collection	BALI WAY S	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.0	1956	-	-	2016	0	0	LP
MH0389	MH-488	WW Collection	BALI WAY	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.3	1956	-	-	2016	0	0	LP
MH0390	MH-489	WW Collection	59TH AVE	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.6	1956	-	-	2016	0	0	LP
MH0391	MH-490	WW Collection	59TH AVE	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.3	1956	-	-	2016	0	0	LP
MH0392	MH-491	WW Collection	59TH AVE	15	48	BRICK	REINFORCED CONCRETE	10.8	1956	-	-	2016	0	0	LP
MH0393	MH-492	WW Collection	59TH AVE	15	48	BRICK	BRICK	11.3	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	18
MH0394	MH-493	WW Collection	59TH AVE	15	48	BRICK	BRICK	10.6	1956	3/29/2017	REHABILITATION-LINED	2016	0	0	61
MH0395	MH-494	WW Collection	59TH AVE	15	48	BRICK	BRICK	10.0	1956	9/7/2018	REHABILITATION-LINED	2016	0	0	265
MH0396	MH-495	WW Collection	59TH AVE	15	48	BRICK	BRICK	9.9	1956	9/7/2018	REHABILITATION-LINED	2016	0	0	247
MH0397	MH-496	WW Collection	BALAO WAY S	15	48	BRICK	BRICK	9.5	1956	4/19/2017	REHABILITATION-LINED	2016	0	0	LP
MH0398	MH-497	WW Collection	BOLAO WAY N	15	48	BRICK	BRICK	8.7	1956	3/29/2017	REHABILITATION-LINED	2016	0	0	96
MH0399	MH-498	WW Collection	59TH AVE	15	48	BRICK	BRICK	8.0	1956	9/7/2018	REHABILITATION-LINED	2016	0	0	264
MH0400	MH-499	WW Collection	GULF BLVD & 59TH AVE	15	48	BRICK	BRICK	8.0	1956	9/7/2018	REHABILITATION-LINED	2016	0	0	298
MH0401	MH-500	WW Collection	GULF BLVD	15	48	BRICK	BRICK	7.8	1956	4/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0402	MH-501	WW Collection	GULF BLVD	18	48	BRICK	REINFORCED CONCRETE	9.7	1956	3/27/2017	REHABILITATION-LINED	2016	0	0	LP
MH0403	MH-502	WW Collection	GULF BLVD	18	48	BRICK	REINFORCED CONCRETE	6.2	1956	1/30/2017	REHABILITATION-LINED	2016	0	0	LP
MH0404	MH-503	WW Collection	GULF BLVD	18	48	BRICK	REINFORCED CONCRETE	8.9	1956	1/30/2017	REHABILITATION-LINED	2016	0	0	LP
MH0405	MH-504	WW Collection	GULF BLVD	1	48	-	-	5.3	1956	3/23/2017	REHABILITATION-LINED	2016	0	0	LP
MH0406	MH-505	WW Collection	GULF BLVD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.9	1956	3/23/2017	REHABILITATION-LINED	2016	0	0	1
MH0407	MH-507	WW Collection	GULF BLVD	18	48	NON-REINFORCED CONCRETE	REINFORCED CONCRETE	8.4	1956	1/30/2017	REHABILITATION-LINED	2016	0	0	LP
MH0408	MH-508	WW Collection	GULF BLVD	18	48	BRICK	REINFORCED CONCRETE	7.2	1956	1/30/2017	REHABILITATION-LINED	2016	0	0	LP

CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 6: MANHOLES

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	LS BASIN	DIAMETER (IN)	CONE MATERIAL	WALL MATERIAL	MH DEPTH RIM TO INVERT (FT)	YEAR AQUIRED	LAST MODIFICATION	MODIFICATION NOTES	LAST INSPECTION (YR)	NASSCO COMPONENT CODE	NASSCO REPAIR CODE	PRIORITIZATION
MH0409	MH-509	WW Collection	GULF WINDS DR	18	48	NON-REINFORCED CONCRETE	REINFORCED CONCRETE	7.1	1956	1/30/2017	REHABILITATION-LINED	2016	0	0	LP
MH0410	MH-510	WW Collection	GULF WINDS DR	18	48	REINFORCED CONCRETE	NON-REINFORCED CONCRETE	6.4	1956	1/30/2017	REHABILITATION-LINED	2016	0	0	LP
MH0411	MH-511	WW Collection	GULF WINDS AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.3	1956	-	-	2016	0	0	LP
MH0412	MH-512	WW Collection	GULF WINDS DR	1	48	FRP	FRP	7.7	1956	-	-	2016	0	0	LP
MH0413	MH-513	WW Collection	64 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.2	1956	-	-	2016	0	0	LP
MH0414	MH-514	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.1	1956	-	-	2016	0	0	LP
MH0415	MH-515	WW Collection	GULF WIND DR	1	48	BRICK	REINFORCED CONCRETE	6.8	1956	-	-	2016	0	0	LP
MH0416	MH-516	WW Collection	64 TH AVE	1	48	BRICK	BRICK	6.4	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	LP
MH0417	MH-517	WW Collection	66TH AVE	1	48	BRICK	BRICK	4.0	1956	12/19/2017	REHABILITATION-LINED	2016	0	0	165
MH0418	MH-518	WW Collection	66 TH AVE	1	48	-	-	3.4	1956	-	-	-	-	-	LP
MH0419	MH-519	WW Collection	67 TH AVE	1	48	BRICK	BRICK	3.5	1956	4/20/2017	REHABILITATION-LINED	2016	0	0	130
MH0420	MH-520	WW Collection	GULF WINDS DR	1	48	-	-	1.5	1956	-	-	2016	0	0	LP
MH0421	MH-521	WW Collection	GULF WINDS DR	1	48	BRICK	BRICK	3.3	1956	4/20/2017	REHABILITATION-LINED	2016	0	0	119
MH0422	MH-522	WW Collection	67 TH AVE	1	48	BRICK	REINFORCED CONCRETE	4.2	1956	-	-	2016	0	0	LP
MH0423	MH-523	WW Collection	GULF WINDS DR	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.6	1956	-	-	2016	0	0	LP
MH0424	MH-524	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.2	1956	-	-	2016	0	0	LP
MH0425	MH-525	WW Collection	BLIND PASS RD	1	48	BRICK	BRICK	8.4	1956	3/17/2017	REHABILITATION-LINED	2016	0	0	79
MH0426	MH-526	WW Collection	BLIND PASS RD	1	48	BRICK	BRICK	4.0	1956	12/19/2017	REHABILITATION-LINED	2016	0	0	LP
MH0427	MH-528	WW Collection	6905 BLIND PASS RD.	1	48	BRICK	BRICK	7.3	1956	5/9/2017	REHABILITATION-LINED	2016	0	0	LP
MH0428	MH-529	WW Collection	GULF WINDS DR	1	48	BRICK	REINFORCED CONCRETE	5.7	1956	-	-	2016	0	0	LP
MH0429	MH-530	WW Collection	GULF WINDS DR	1	48	BRICK	REINFORCED CONCRETE	4.4	1956	-	-	2016	0	0	LP
MH0430	MH-532	WW Collection	BAY ST	1	48	-	-	3.4	1956	-	-	2016	0	0	LP
MH0431	MH-533	WW Collection	GULF WINDS DR	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.6	1956	-	-	2016	0	0	LP
MH0432	MH-534	WW Collection	GULF WINDS DR	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.6	1956	-	-	2016	0	0	LP
MH0433	MH-535	WW Collection	70 TH AVE	1	48	BRICK	BRICK	5.1	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	327
MH0434	MH-536	WW Collection	70 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.4	1956	-	-	2016	0	0	LP
MH0435	MH-537	WW Collection	70 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.5	1956	-	-	2016	0	0	LP
MH0436	MH-538	WW Collection	BOCA CIEGA DR	1	48	BRICK	REINFORCED CONCRETE	5.9	1956	-	-	2016	0	0	LP
MH0437	MH-541	WW Collection	71 ST AVE	1	48	BRICK	REINFORCED CONCRETE	4.8	1956	-	-	2016	0	0	LP
MH0438	MH-542	WW Collection	71 ST AVE	1	48	BRICK	REINFORCED CONCRETE	5.9	1956	-	-	2016	0	0	LP
MH0439	MH-543	WW Collection	BOCA CIEGA DR	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.8	1956	-	-	2016	0	0	LP
MH0440	MH-544	WW Collection	71 ST AVE	1	48	BRICK	BRICK	5.4	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	153
MH0441	MH-545	WW Collection	71 ST AVE	1	48	BRICK	BRICK	4.0	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	204
MH0442	MH-546	WW Collection	BAY ST	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.2	1956	-	-	2016	0	0	LP
MH0443	MH-547	WW Collection	BOCA CIEGA DR	1	48	BRICK	BRICK	6.3	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	118
MH0444	MH-548	WW Collection	72 ND AVE	1	48	BRICK	BRICK	6.4	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	114
MH0445	MH-549	WW Collection	BAY ST	1	48	BRICK	BRICK	4.9	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	197
MH0446	MH-550	WW Collection	BAY ST	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.1	1956	-	-	2016	0	0	LP
MH0447	MH-551	WW Collection	72 ND AVE	1	48	BRICK	BRICK	6.9	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	109
MH0448	MH-552	WW Collection	72 ND AVE	1	48	BRICK	REINFORCED CONCRETE	5.4	1956	-	-	2016	0	0	LP
MH0449	MH-553	WW Collection	BOCA CIEGA DR	1	48	BRICK	BRICK	4.1	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	262
MH0450	MH-554	WW Collection	73 RD AVE	1	48	BRICK	REINFORCED CONCRETE	5.8	1956	-	-	2016	0	0	LP
MH0451	MH-555	WW Collection	73 RD AVE	1	48	BRICK	REINFORCED CONCRETE	5.1	1956	-	-	2016	0	0	LP
MH0452	MH-556	WW Collection	73 RD AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.8	1956	-	-	2016	0	0	LP
MH0453	MH-557	WW Collection	73 RD AVE	1	48	BRICK	BRICK	6.1	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	117
MH0454	MH-558	WW Collection	COREY AVE	1	48	BRICK	BRICK	4.9	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	163
MH0455	MH-559	WW Collection	BLIND PASS RD	1	48	BRICK	REINFORCED CONCRETE	6.5	1956	-	-	2016	0	0	LP
MH0456	MH-560	WW Collection	MANGROVE AVE	1	48	BRICK	REINFORCED CONCRETE	5.5	1956	-	-	2016	0	0	LP
MH0457	MH-562	WW Collection	BAY ST	1	48	BRICK	REINFORCED CONCRETE	7.4	1956	-	-	2016	0	0	LP
MH0458	MH-563	WW Collection	BAY ST	1	48	BRICK	BRICK	6.3	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	LP
MH0459	MH-564	WW Collection	COREY AVE	1	48	-	-	5.6	1956	-	-	-	-	-	LP
MH0460	MH-565	WW Collection	BAY ST	1	48	BRICK	REINFORCED CONCRETE	5.7	1956	-	-	2016	0	0	LP
MH0461	MH-566	WW Collection	BAY ST	1	48	BRICK	BRICK	4.1	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	LP
MH0462	MH-567	WW Collection	BAY ST	1	48	BRICK	BRICK	4.7	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	182
MH0463	MH-568	WW Collection	BAY ST	1	48	BRICK	BRICK	4.5	1956	9/18/2018	REHABILITATION-LINED	2016	0	0	LP
MH0464	MH-569	WW Collection	64TH AVE	14	48	BRICK	BRICK	3.7	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	316
MH0465	MH-570	WW Collection	64TH AVE	14	48	BRICK	REINFORCED CONCRETE	4.4	1956	-	-	2016	0	0	LP
MH0466	MH-571	WW Collection	1ST PALM POINT ST	14	48	BRICK	REINFORCED CONCRETE	5.3	1956	-	-	2016	0	0	LP
MH0467	MH-572	WW Collection	64TH AVE	14	48	BRICK	REINFORCED CONCRETE	6.2	1956	-	-	2016	0	0	LP
MH0468	MH-573	WW Collection	64TH AVE	14	48	OTHER	OTHER	8.0	1956	-	-	2016	0	0	LP
MH0469	MH-574	WW Collection	64TH AVE	14	48	BRICK	BRICK	9.7	1956	3/28/2017	REHABILITATION-LINED	2016	0	0	50
MH0470	MH-576	WW Collection	2ND PALM POINT ST	14	48	REINFORCED CONCRETE	REINFORCED CONCRETE	2.1	1956	-	-	2016	0	0	LP
MH0471	MH-577	WW Collection	2ND PALM POINT ST	14	48	BRICK	BRICK	9.6	1956	3/28/2017	REHABILITATION-LINED	2016	0	0	43
MH0472	MH-578	WW Collection	2ND PALM POINT ST	14	48	BRICK	BRICK	10.6	1956	3/28/2017	REHABILITATION-LINED	2016	0	0	39
MH0473	MH-579	WW Collection	2ND PALM POINT ST	14	48	OTHER	OTHER	11.5	1956	-	-	2016	0	0	LP
MH0474	MH-580	WW Collection	64TH AVE	14	48	BRICK	BRICK	5.0	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	312
MH0475	MH-581	WW Collection	64TH AVE	14	48	BRICK	BRICK	4.0	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	289
MH0476	MH-582	WW Collection	64TH AVE	14	48	BRICK	BRICK	5.1	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	297

TABLE 6: MANHOLES
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FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	LS BASIN	DIAMETER (IN)	CONE MATERIAL	WALL MATERIAL	MH DEPTH RIM TO INVERT (FT)	YEAR AQUIRED	LAST MODIFICATION	MODIFICATION NOTES	LAST INSPECTION (YR)	NASSCO COMPONENT CODE	NASSCO REPAIR CODE	PRIORITIZATION
MH0477	MH-583	WW Collection	3RD PALM POINT ST	14	48	BRICK	BRICK	4.0	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	288
MH0478	MH-584	WW Collection	3RD PALM POINT ST	14	48	BRICK	BRICK	11.9	1956	3/28/2017	REHABILITATION-LINED	2016	WI	B	19
MH0479	MH-585	WW Collection	3RD PALM POINT ST	14	48	BRICK	BRICK	10.8	1956	3/17/2017	REHABILITATION-LINED	2016	0	0	42
MH0480	MH-586	WW Collection	3RD PALM POINT ST	14	48	BRICK	BRICK	9.9	1956	3/17/2017	REHABILITATION-LINED	2016	0	0	41
MH0481	MH-587	WW Collection	64TH AVE	14	48	BRICK	BRICK	5.1	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	311
MH0482	MH-588	WW Collection	64TH AVE	14	48	BRICK	BRICK	4.0	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	315
MH0483	MH-589	WW Collection	4TH PALM POINT ST	14	48	BRICK	BRICK	5.0	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	261
MH0484	MH-590	WW Collection	4TH PAM POINT ST	14	48	BRICK	BRICK	4.0	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	287
MH0485	MH-591	WW Collection	4TH PALM POINT ST	14	48	BRICK	BRICK	7.3	1956	3/17/2017	REHABILITATION-LINED	2016	0	0	78
MH0486	MH-592	WW Collection	4TH PALM POINT	14	48	BRICK	BRICK	6.6	1956	3/17/2017	REHABILITATION-LINED	2016	0	0	85
MH0487	MH-593	WW Collection	64TH AVE	14	48	BRICK	BRICK	4.4	1956	12/18/2017	REHABILITATION-LINED	2016	0	0	226
MH0488	MH-594	WW Collection	67TH AVE	14	48	BRICK	BRICK	4.2	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	260
MH0489	MH-595	WW Collection	-	14	48	BRICK	BRICK	4.4	1956	12/18/2017	REHABILITATION-LINED	2016	0	0	225
MH0490	MH-596	WW Collection	67TH AVE	14	48	BRICK	BRICK	4.4	1956	12/18/2017	REHABILITATION-LINED	2016	0	0	224
MH0491	MH-597	WW Collection	-	14	48	BRICK	BRICK	5.1	1956	12/19/2017	REHABILITATION-LINED	2016	0	0	181
MH0492	MH-598	WW Collection	68TH AVE	10	48	BRICK	BRICK	3.0	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	129
MH0493	MH-599	WW Collection	68TH AVE	10	48	-	-	6.1	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	111
MH0494	MH-600	WW Collection	-	10	48	BRICK	REINFORCED CONCRETE	5.6	1956	-	-	2016	0	0	LP
MH0495	MH-601	WW Collection	69TH AVE	10	48	-	-	7.3	1956	3/14/2017	REHABILITATION-LINED	2016	0	0	77
MH0496	MH-602	WW Collection	69TH AVE	10	48	BRICK	BRICK	6.6	1956	12/19/2017	REHABILITATION-LINED	2016	0	0	180
MH0497	MH-603	WW Collection	69TH AVE	10	48	BRICK	BRICK	4.1	1956	12/21/2017	REHABILITATION-LINED	2016	0	0	216
MH0498	MH-604	WW Collection	-	10	48	-	-	8.1	1956	3/14/2017	REHABILITATION-LINED	2016	0	0	66
MH0499	MH-605	WW Collection	70TH AVE	10	48	BRICK	BRICK	7.5	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	148
MH0500	MH-606	WW Collection	70TH AVE	10	48	BRICK	BRICK	5.1	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	128
MH0501	MH-607	WW Collection	70TH AVE	10	48	BRICK	BRICK	4.3	1956	12/21/2017	REHABILITATION-LINED	2016	0	0	LP
MH0502	MH-608	WW Collection	-	10	48	-	-	9.3	1956	3/14/2017	REHABILITATION-LINED	2016	0	0	45
MH0503	MH-609	WW Collection	-	10	48	BRICK	REINFORCED CONCRETE	8.0	1956	-	-	2016	0	0	LP
MH0504	MH-610	WW Collection	71ST AVE	10	48	BRICK	REINFORCED CONCRETE	4.8	1956	-	-	2016	0	0	LP
MH0505	MH-611	WW Collection	71ST AVE	10	48	BRICK	BRICK	4.3	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	223
MH0506	MH-612	WW Collection	71ST AVE	10	48	-	-	10.4	1956	3/14/2017	REHABILITATION-LINED	2016	0	0	57
MH0507	MH-613	WW Collection	71ST AVE	10	48	-	-	9.2	1956	3/14/2017	REHABILITATION-LINED	2016	0	0	62
MH0508	MH-614	WW Collection	71ST AVE	10	48	BRICK	REINFORCED CONCRETE	7.1	1956	-	-	2016	0	0	LP
MH0509	MH-615	WW Collection	-	10	48	BRICK	REINFORCED CONCRETE	6.9	1956	-	-	2016	0	0	LP
MH0510	MH-616	WW Collection	72ND AVE	10	48	BRICK	REINFORCED CONCRETE	4.7	1956	-	-	2016	0	0	LP
MH0511	MH-617	WW Collection	72ND AVE	10	48	BRICK	BRICK	3.6	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	286
MH0512	MH-618	WW Collection	COQUINA WAY	10	48	REINFORCED CONCRETE	BRICK	9.3	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	326
MH0513	MH-619	WW Collection	72ND AVE	10	48	-	-	8.4	1956	3/14/2017	REHABILITATION-LINED	2016	0	0	67
MH0514	MH-620	WW Collection	GULF BLVD	10	48	BRICK	REINFORCED CONCRETE	6.3	1956	-	-	2016	0	0	LP
MH0515	MH-621	WW Collection	72ND AVE	10	48	BRICK	REINFORCED CONCRETE	7.3	1956	-	-	2016	0	0	LP
MH0516	MH-622	WW Collection	-	10	48	-	-	4.1	1956	1/26/2020	REHABILITATION-LINED	2016	0	0	LP
MH0517	MH-623	WW Collection	73RD AVE	10	48	BRICK	REINFORCED CONCRETE	6.0	1956	-	-	2016	0	0	LP
MH0518	MH-624	WW Collection	73RD AVE	10	48	BRICK	BRICK	4.5	1956	10/23/2017	REHABILITATION-LINED	2016	0	0	144
MH0519	MH-626	WW Collection	COQUINA WAY	10	48	BRICK	BRICK	4.1	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	259
MH0520	MH-627	WW Collection	73RD AVE	10	48	-	-	8.8	1956	8/21/2017	REHABILITATION-LINED	2016	0	0	58
MH0521	MH-628	WW Collection	GULF BLVD	10	48	BRICK	REINFORCED CONCRETE	6.9	1956	-	-	2016	0	0	LP
MH0522	MH-629	WW Collection	GULF BLVD	10	48	BRICK	REINFORCED CONCRETE	6.8	1956	-	-	2016	0	0	LP
MH0523	MH-630	WW Collection	73RD AVE	10	48	BRICK	BRICK	4.3	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0524	MH-631	WW Collection	SUNSET WAY	10	48	BRICK	REINFORCED CONCRETE	5.5	1956	-	-	2016	0	0	LP
MH0525	MH-632	WW Collection	COREY AVE	10	48	BRICK	BRICK	4.6	1956	9/10/2018	REHABILITATION-LINED	2016	0	0	179
MH0526	MH-633	WW Collection	COREY AVE	10	48	BRICK	BRICK	3.8	1956	9/10/2018	REHABILITATION-LINED	2016	0	0	LP
MH0527	MH-634	WW Collection	CREY AVE	10	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.8	1956	-	-	2016	0	0	LP
MH0528	MH-635	WW Collection	75 THA VE	10	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.6	1956	-	-	2016	0	0	LP
MH0529	MH-636	WW Collection	75 TH AVE	10	48	BRICK	REINFORCED CONCRETE	9.0	1956	-	-	2016	0	0	LP
MH0530	MH-637	WW Collection	75TH AVE	10	48	BRICK	BRICK	8.9	1956	3/14/2017	REHABILITATION-LINED	2016	0	0	53
MH0531	MH-638	WW Collection	75 TH AVE	10	48	BRICK	REINFORCED CONCRETE	5.0	1956	-	-	2016	0	0	LP
MH0532	MH-640	WW Collection	76 TH AVE	10	48	BRICK	BRICK	8.0	1956	3/14/2017	REHABILITATION-LINED	2016	0	0	69
MH0533	MH-641	WW Collection	76 TH AVE	10	48	BRICK	BRICK	4.1	1956	9/14/2018	REHABILITATION-LINED	2016	0	0	258
MH0534	MH-642	WW Collection	GULF BLVD	10	48	BRICK	BRICK	4.7	1956	9/10/2018	REHABILITATION-LINED	2016	0	0	LP
MH0535	MH-643	WW Collection	77 TH AVE	10	48	BRICK	BRICK	4.0	1956	9/10/2018	REHABILITATION-LINED	2016	0	0	222
MH0536	MH-644	WW Collection	77 TH AVE	10	48	BRICK	REINFORCED CONCRETE	6.5	1956	-	-	2016	0	0	LP
MH0537	MH-645	WW Collection	77 TH AVE	10	48	BRICK	BRICK	3.9	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	257
MH0538	MH-646	WW Collection	COQUINA WAY	10	48	BRICK	BRICK	4.1	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0539	MH-647	WW Collection	78TH AVE	10	48	BRICK	REINFORCED CONCRETE	6.2	1956	-	-	2016	0	0	LP
MH0540	MH-648	WW Collection	78TH AVE	10	48	BRICK	BRICK	4.0	1956	9/13/2018	REHABILITATION-LINED	2016	0	0	256
MH0541	MH-649	WW Collection	BOCA CIEGA DR	10	48	BRICK	REINFORCED CONCRETE	4.2	1956	-	-	2016	0	0	LP
MH0542	MH-650	WW Collection	COREY AVE	10	48	BRICK	REINFORCED CONCRETE	5.2	1956	-	-	2016	0	0	LP
MH0543	MH-651	WW Collection	-	10	48	BRICK	BRICK	3.8	1956	9/13/2018	REHABILITATION-LINED	2016	0	0	296
MH0544	MH-652	WW Collection	COREY AVE	10	48	BRICK	BRICK	3.6	1956	9/13/2018	REHABILITATION-LINED	2016	0	0	310

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MH0545	MH-653	WW Collection	COREY AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.1	1956	-	-	2016	0	0	LP
MH0546	MH-654	WW Collection	BOCA CIEGA DR	1	48	BRICK	BRICK	4.5	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	203
MH0547	MH-655	WW Collection	BOCA CIEGA DR	1	48	-	-	3.6	1956	-	-	-	-	-	LP
MH0548	MH-657	WW Collection	-	1	48	BRICK	BRICK	8.2	1956	4/25/2017	REHABILITATION-LINED	2016	0	0	LP
MH0549	MH-658	WW Collection	-	1	48	BRICK	BRICK	6.4	1956	3/30/2017	REHABILITATION-LINED	2016	0	0	99
MH0550	MH-659	WW Collection	75TH AVE	1	48	BRICK	BRICK	4.5	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	143
MH0551	MH-661	WW Collection	75TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.9	1956	-	-	2016	0	0	LP
MH0552	MH-662	WW Collection	76 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.0	1956	-	-	2016	0	0	LP
MH0553	MH-663	WW Collection	76 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.1	1956	-	-	2016	0	0	LP
MH0554	MH-664	WW Collection	BLIND PASS RD	1	48	-	-	8.9	1956	-	-	2016	0	0	LP
MH0555	MH-666	WW Collection	BLIND PASS RD	1	48	BRICK	BRICK	7.2	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	LP
MH0556	MH-667	WW Collection	76 TH AVE	1	48	BRICK	BRICK	7.0	1956	10/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0557	MH-668	WW Collection	-	1	48	BRICK	REINFORCED CONCRETE	7.1	1956	-	-	2016	0	0	LP
MH0558	MH-669	WW Collection	77 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.4	1956	-	-	2016	0	0	LP
MH0559	MH-670	WW Collection	77 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.5	1956	-	-	2016	0	0	LP
MH0560	MH-671	WW Collection	77 TH AVE	1	48	BRICK	BRICK	5.0	1956	-	-	2016	0	0	LP
MH0561	MH-672	WW Collection	-	1	48	BRICK	BRICK	5.5	1956	9/12/2018	REHABILITATION-LINED	2016	0	0	304
MH0562	MH-673	WW Collection	78 TH AVE	1	48	-	-	8.0	1956	-	-	2016	0	0	LP
MH0563	MH-674	WW Collection	78 TH AVE	1	48	BRICK	BRICK	6.5	1956	3/15/2017	REHABILITATION-LINED	2016	0	0	89
MH0564	MH-675	WW Collection	BLIND PASS	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.8	1956	-	-	2016	0	0	LP
MH0565	MH-676	WW Collection	78 TH AVE	1	48	BRICK	REINFORCED CONCRETE	12.8	1956	-	-	2016	0	0	LP
MH0566	MH-677	WW Collection	78 THA VE	1	48	-	-	8.0	1956	-	-	2016	0	0	LP
MH0567	MH-678	WW Collection	-	1	48	BRICK	REINFORCED CONCRETE	6.9	1956	-	-	2016	0	0	LP
MH0568	MH-679	WW Collection	79 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.6	1956	-	-	2016	0	0	LP
MH0569	MH-680	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.1	1956	-	-	2016	0	0	LP
MH0570	MH-681	WW Collection	79 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.2	1956	-	-	2016	0	0	LP
MH0571	MH-682	WW Collection	79 TH AVE	1	48	BRICK	BRICK	3.9	1956	9/13/2018	REHABILITATION-LINED	2016	0	0	255
MH0572	MH-683	WW Collection	BOCA CIEGA DR	1	48	-	-	8.7	1956	-	-	2016	0	0	LP
MH0573	MH-684	WW Collection	80 TH AVE	1	48	BRICK	REINFORCED CONCRETE	6.8	1956	-	-	2016	0	0	LP
MH0574	MH-685	WW Collection	80 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.5	1956	-	-	2016	0	0	LP
MH0575	MH-686	WW Collection	80TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.2	1956	-	-	2016	0	0	LP
MH0576	MH-687	WW Collection	80 TH AVE	1	48	BRICK	BRICK	3.9	1956	9/13/2018	REHABILITATION-LINED	2016	0	0	254
MH0577	MH-688	WW Collection	80 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.0	1956	-	-	2016	0	0	LP
MH0578	MH-689	WW Collection	BOCA CIEGA DR	1	48	BRICK	REINFORCED CONCRETE	8.6	1956	-	-	2016	0	0	LP
MH0579	MH-690	WW Collection	81ST AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.4	1956	-	-	2016	0	0	LP
MH0580	MH-691	WW Collection	81 ST AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.3	1956	-	-	2016	0	0	LP
MH0581	MH-692	WW Collection	80 TH WAY	1	48	BRICK	REINFORCED CONCRETE	4.3	1956	-	-	2016	0	0	LP
MH0582	MH-693	WW Collection	80 TH WAY	1	48	BRICK	BRICK	3.5	1956	9/13/2018	REHABILITATION-LINED	2016	0	0	314
MH0583	MH-694	WW Collection	81 ST AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.5	1956	-	-	2016	0	0	LP
MH0584	MH-695	WW Collection	81 ST AVE	1	48	BRICK	BRICK	8.4	1956	-	-	2016	0	0	LP
MH0585	MH-696	WW Collection	BOCA CIEGA DR	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.7	1956	-	-	2016	COI	IR	6
MH0586	MH-697	WW Collection	82 ND AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.6	1956	-	-	2016	0	0	LP
MH0587	MH-698	WW Collection	82DN AVE	1	48	BRICK	REINFORCED CONCRETE	4.8	1956	-	-	2016	0	0	LP
MH0588	MH-699	WW Collection	BOCA CIEGA DR	1	48	-	-	3.7	1956	-	-	-	-	-	LP
MH0589	MH-700	WW Collection	83 RD AVE	1	48	BRICK	REINFORCED CONCRETE	5.2	1956	-	-	2016	0	0	LP
MH0590	MH-701	WW Collection	BOCA CIEAG DR	1	48	BRICK	REINFORCED CONCRETE	4.0	1956	-	-	2016	0	0	LP
MH0591	MH-702	WW Collection	84 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.7	1956	-	-	2016	0	0	LP
MH0592	MH-703	WW Collection	84 TH AVE	1	48	BRICK	BRICK	6.5	1956	3/15/2017	REHABILITATION-LINED	2016	0	0	98
MH0593	MH-704	WW Collection	84 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.7	1956	-	-	2016	0	0	LP
MH0594	MH-706	WW Collection	84 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.0	1956	-	-	2016	0	0	LP
MH0595	MH-707	WW Collection	84 TH AVE	1	48	BRICK	REINFORCED CONCRETE	4.1	1956	-	-	2016	0	0	LP
MH0596	MH-708	WW Collection	GULF BLVD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.7	1956	-	-	2016	0	0	LP
MH0597	MH-709	WW Collection	GULF BLVD	1	48	BRICK	BRICK	7.9	1956	3/15/2017	REHABILITATION-LINED	2016	0	0	75
MH0598	MH-710	WW Collection	77 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.0	1956	-	-	2016	0	0	LP
MH0599	MH-711	WW Collection	GULF BLVD	1	48	BRICK	REINFORCED CONCRETE	6.9	1956	-	-	2016	0	0	LP
MH0600	MH-712	WW Collection	GULF BLVD	1	48	BRICK	BRICK	5.2	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	160
MH0601	MH-713	WW Collection	79 TH AVE	1	48	BRICK	BRICK	3.7	1956	9/17/2018	REHABILITATION-LINED	2016	0	0	331
MH0602	MH-714	WW Collection	79 TH AVE	11	48	BRICK	REINFORCED CONCRETE	3.8	1956	-	-	2016	0	0	LP
MH0603	MH-715	WW Collection	GULF BLVD	11	48	BRICK	BRICK	3.8	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	221
MH0604	MH-716	WW Collection	GULF BLVD	11	48	BRICK	BRICK	5.2	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	142
MH0605	MH-717	WW Collection	80 TH AVE	11	48	BRICK	REINFORCED CONCRETE	5.3	1956	-	-	2016	0	0	LP
MH0606	MH-718	WW Collection	80 TH AVE	11	48	BRICK	REINFORCED CONCRETE	6.3	1956	-	-	2016	0	0	LP
MH0607	MH-719	WW Collection	COQUINA WAY	11	48	BRICK	REINFORCED CONCRETE	5.3	1956	-	-	2016	0	0	LP
MH0608	MH-720	WW Collection	GULF BLVD	11	48	BRICK	BRICK	3.4	1956	9/13/2018	REHABILITATION-LINED	2016	0	0	319
MH0609	MH-721	WW Collection	GULF BLVD	11	48	BRICK	REINFORCED CONCRETE	7.7	1956	-	-	2016	0	0	LP
MH0610	MH-722	WW Collection	GULF BLVD	11	48	BRICK	REINFORCED CONCRETE	7.9	1956	-	-	2016	0	0	LP
MH0611	MH-723	WW Collection	82 ND AVE	11	48	BRICK	REINFORCED CONCRETE	7.1	1956	-	-	2016	0	0	LP
MH0612	MH-724	WW Collection	82 ND AVE	11	48	BRICK	BRICK	5.8	1956	4/24/2017	REHABILITATION-LINED	2016	0	0	116

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MH0613	MH-726	WW Collection	GULF BLVD	11	48	BRICK	REINFORCED CONCRETE	3.6	1956	-	-	2016	0	0	LP
MH0614	MH-727	WW Collection	GULF BLVD	11	48	BRICK	BRICK	8.4	1956	3/15/2017	REHABILITATION-LINED	2016	0	0	60
MH0615	MH-728	WW Collection	GULF BLVD	11	48	BRICK	REINFORCED CONCRETE	8.8	1956	-	-	2016	0	0	LP
MH0616	MH-729	WW Collection	GULF BLVD	11	48	BRICK	BRICK	9.4	1956	3/15/2017	REHABILITATION-LINED	2016	0	0	38
MH0617	MH-730	WW Collection	GULF BLVD	11	48	BRICK	BRICK	10.4	1956	3/15/2017	REHABILITATION-LINED	2016	WI	ID	9
MH0618	MH-731	WW Collection	BOCA CIEGA DR	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.0	1956	-	-	2016	0	0	LP
MH0619	MH-732	WW Collection	CA CIEGA DR	11	48	BRICK	REINFORCED CONCRETE	8.8	1956	-	-	2016	0	0	LP
MH0620	MH-733	WW Collection	BOCA CIEGA DR	11	48	BRICK	REINFORCED CONCRETE	8.2	1956	-	-	2016	0	0	LP
MH0621	MH-734	WW Collection	BOCA CIEGA DR	11	48	BRICK	REINFORCED CONCRETE	7.2	1956	-	-	2016	0	0	LP
MH0622	MH-735	WW Collection	BOCA CIEGA DR	11	48	BRICK	REINFORCED CONCRETE	6.6	1956	-	-	2016	0	0	LP
MH0623	MH-736	WW Collection	87TH AVE	11	48	BRICK	REINFORCED CONCRETE	5.5	1956	-	-	2016	0	0	LP
MH0624	MH-738	WW Collection	87 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.8	1956	-	-	2016	0	0	LP
MH0625	MH-739	WW Collection	86 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.8	1956	4/25/2017	REHABILITATION-LINED	2016	0	0	LP
MH0626	MH-740	WW Collection	86 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.5	1956	4/25/2017	REHABILITATION-LINED	2016	0	0	LP
MH0627	MH-741	WW Collection	86 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.4	1956	4/25/2017	REHABILITATION-LINED	2016	0	0	LP
MH0628	MH-742	WW Collection	86 TH AVE	1	48	BRICK	BRICK	8.8	1956	12/21/2017	REHABILITATION-LINED	2016	0	0	LP
MH0629	MH-744	WW Collection	85 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.9	1956	-	-	2016	0	0	LP
MH0630	MH-746	WW Collection	85 TH AVE	1	48	BRICK	BRICK	4.1	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	220
MH0631	MH-747	WW Collection	85 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.1	1956	-	-	2016	0	0	LP
MH0632	MH-748	WW Collection	87TH AVE	1	48	BRICK	REINFORCED CONCRETE	6.2	1956	-	-	2016	0	0	LP
MH0633	MH-749	WW Collection	BLIND PASS RD	1	48	BRICK	REINFORCED CONCRETE	5.2	1956	-	-	2016	0	0	LP
MH0634	MH-750	WW Collection	88 TH AVE	1	48	BRICK	BRICK	4.0	1956	9/14/2018	REHABILITATION-LINED	2016	0	0	253
MH0635	MH-751	WW Collection	88TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.2	1956	-	-	2016	0	0	LP
MH0636	MH-752	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.9	1956	-	-	2016	0	0	LP
MH0637	MH-753	WW Collection	89TH AVE	1	48	BRICK	REINFORCED CONCRETE	3.8	1956	-	-	2016	0	0	LP
MH0638	MH-754	WW Collection	89TH AVE	1	48	BRICK	BRICK	5.6	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0639	MH-755	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.4	1956	-	-	2016	0	0	LP
MH0640	MH-756	WW Collection	90THA VE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.5	1956	-	-	2016	0	0	LP
MH0641	MH-757	WW Collection	90THA VE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.0	1956	-	-	2016	0	0	LP
MH0642	MH-758	WW Collection	90TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.4	1956	-	-	2016	0	0	LP
MH0643	MH-759	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.2	1956	-	-	2016	0	0	LP
MH0644	MH-760	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.1	1956	-	-	2016	0	0	LP
MH0645	MH-761	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.8	1956	-	-	2016	0	0	LP
MH0646	MH-762	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.7	1956	-	-	2016	0	0	LP
MH0647	MH-763	WW Collection	93RD AVE	1	48	BRICK	BRICK	5.3	1956	12/21/2017	REHABILITATION-LINED	2016	0	0	152
MH0648	MH-764	WW Collection	GULF BLVD	1	48	BRICK	BRICK	5.3	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	202
MH0649	MH-765	WW Collection	GULF BLVD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.1	1956	-	-	2016	0	0	LP
MH0650	MH-766	WW Collection	BLIND PASS RD	12	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.1	1956	-	-	2016	0	0	LP
MH0651	MH-767	WW Collection	-	12	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.1	1956	-	-	2016	0	0	LP
MH0652	MH-768	WW Collection	-	12	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.6	1956	-	-	2016	0	0	LP
MH0653	MH-769	WW Collection	BLIND PASS RD	12	48	BRICK	BRICK	5.5	1956	4/26/2017	REHABILITATION-LINED	2016	0	0	LP
MH0654	MH-770	WW Collection	BLIND PASS RD	12	48	BRICK	BRICK	4.9	1956	12/21/2017	REHABILITATION-LINED	2016	0	0	159
MH0655	MH-771	WW Collection	BLIND PASS RD	12	48	-	-	4.6	1956	-	-	-	-	-	LP
MH0656	MH-772	WW Collection	BLIND PASS RD	12	48	BRICK	REINFORCED CONCRETE	4.3	1956	-	-	2016	0	0	LP
MH0657	MH-773	WW Collection	BLIND PASS RD	12	48	BRICK	REINFORCED CONCRETE	8.2	1956	9/17/2018	REHABILITATION-LINED	2016	0	0	LP
MH0658	MH-774	WW Collection	GULF BLVD	12	48	-	-	7.9	1956	3/27/2017	REHABILITATION-LINED	2016	0	0	28
MH0659	MH-775	WW Collection	GULF BLVD	12	48	-	-	7.9	1956	3/27/2017	REHABILITATION-LINED	2016	WI	IR	2
MH0660	MH-776	WW Collection	GULF BLVD	12	48	BRICK	BRICK	7.3	1956	3/27/2017	REHABILITATION-LINED	2016	0	0	32
MH0661	MH-777	WW Collection	88 TH AVE	12	48	BRICK	BRICK	6.8	1956	10/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0662	MH-778	WW Collection	75TH AVE	12	48	BRICK	BRICK	5.0	1956	10/20/2017	REHABILITATION-LINED	2016	0	0	LP
MH0663	MH-779	WW Collection	75 TH AVE	12	48	BRICK	BRICK	6.8	1956	4/26/2017	REHABILITATION-LINED	2016	0	0	LP
MH0664	MH-780	WW Collection	COREY	12	48	BRICK	BRICK	5.6	1956	3/27/2017	REHABILITATION-LINED	2016	0	0	63
MH0665	MH-781	WW Collection	COREY CIR	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.3	1956	-	-	2016	0	0	LP
MH0666	MH-782	WW Collection	COREY AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.2	1956	-	-	2016	0	0	LP
MH0667	MH-783	WW Collection	E VINA DEL MAR BLVD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.7	1956	-	-	2016	0	0	LP
MH0668	MH-784	WW Collection	21ST AVE & W VINA DELMAR BLVD	1	48	BRICK	BRICK	4.4	1956	12/20/2017	REHABILITATION-LINED	2016	0	0	186
MH0669	MH-785	WW Collection	E VINAD EL MAR BLVD	1	48	-	-	4.0	1956	-	-	-	-	-	LP
MH0670	MH-786	WW Collection	E VINA DEL MAR BLVD	1	48	BRICK	BRICK	7.2	1956	10/23/2017	REHABILITATION-LINED	2016	0	0	LP
MH0671	MH-787	WW Collection	EW VINA DEL MAR BLVD	1	48	BRICK	BRICK	10.2	1956	3/29/2017	REHABILITATION-LINED	2016	COI	IR	3
MH0672	MH-788	WW Collection	MAR ST & W VINA DEL MAR BLVD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.6	1956	-	-	2016	0	0	LP
MH0673	MH-789	WW Collection	MAR ST	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.9	1956	-	-	2016	0	0	LP
MH0674	MH-790	WW Collection	MAR ST	10	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.5	1956	-	-	2016	0	0	LP
MH0675	MH-791	WW Collection	MAR ST	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.6	1956	-	-	2016	B	MGP	LP
MH0676	MH-792	WW Collection	W VINA DEL MAR BLVD	6	48	BRICK	BRICK	10.1	1956	1/17/2017	REHABILITATION-LINED	2016	B	MGP	44
MH0677	MH-793	WW Collection	S TESSIER DR	6	48	BRICK	BRICK	3.3	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	336
MH0678	MH-794	WW Collection	STESSIER DR	6	48	BRICK	BRICK	5.8	1956	12/11/2017	REHABILITATION-LINED	2016	B	MGP	154
MH0679	MH-795	WW Collection	S TESSIER DR	6	48	BRICK	REINFORCED CONCRETE	10.3	1956	-	-	2016	0	0	LP
MH0680	MH-796	WW Collection	S TESSIER DR	6	48	BRICK	BRICK	10.5	1956	1/18/2017	REHABILITATION-LINED	2016	B	MGP	36

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MH0681	MH-797	WW Collection	S TESSIER DR	6	48	BRICK	BRICK	5.6	1956	12/8/2017	REHABILITATION-LINED	2016	B	MGP	205
MH0682	MH-798	WW Collection	S TESSIER DR	6	48	BRICK	BRICK	5.5	1956	12/8/2017	REHABILITATION-LINED	2016	0	0	LP
MH0683	MH-799	WW Collection	S TESSIER DR	6	48	BRICK	BRICK	6.3	1956	1/18/2017	REHABILITATION-LINED	2016	B	MGP	101
MH0684	MH-800	WW Collection	S TESSIER DR	6	48	BRICK	BRICK	13.0	1956	1/17/2017	REHABILITATION-LINED	2016	COI	ID	7
MH0685	MH-801	WW Collection	N TESSIER	6	48	BRICK	BRICK	3.9	1956	12/11/2017	REHABILITATION-LINED	2016	B	MGP	242
MH0686	MH-802	WW Collection	N TESSIER DR	6	48	BRICK	BRICK	5.0	1956	12/11/2017	REHABILITATION-LINED	2016	0	0	LP
MH0687	MH-803	WW Collection	N TESSIER DR	6	48	BRICK	BRICK	5.1	1956	12/11/2017	REHABILITATION-LINED	2016	B	MGP	149
MH0688	MH-804	WW Collection	N TESSIER DR	6	48	BRICK	BRICK	5.8	1956	4/14/2017	REHABILITATION-LINED	2016	0	0	123
MH0689	MH-805	WW Collection	N TESSIER DR	6	48	BRICK	BRICK	7.5	1956	5/23/2017	REHABILITATION-LINED	2016	0	0	LP
MH0690	MH-806	WW Collection	N TESSIER DR	6	48	BRICK	BRICK	8.3	1956	1/18/2017	REHABILITATION-LINED	2016	B	MGP	87
MH0691	MH-807	WW Collection	W VINA DEL MAR BLVD & N TESSIER DR	6	48	BRICK	BRICK	8.7	1956	1/18/2017	REHABILITATION-LINED	2016	B	MGP	70
MH0692	MH-808	WW Collection	E VINA DEL MAR BLVD	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	12.2	1956	-	-	2016	B	MGP	LP
MH0693	MH-809	WW Collection	-	6	48	BRICK	BRICK	4.8	1956	8/30/2018	REHABILITATION-LINED	2016	B	MGP	292
MH0694	MH-810	WW Collection	E VINA DEL MAR BLVD & N TESSIER DR	6	48	BRICK	BRICK	4.4	1956	12/13/2017	REHABILITATION-LINED	2016	0	0	LP
MH0695	MH-811	WW Collection	E VINA DEL MAR BLVD	6	48	BRICK	REINFORCED CONCRETE	7.3	1956	-	-	2016	0	0	LP
MH0696	MH-812	WW Collection	E VINA DEL MAR DR	6	48	BRICK	REINFORCED CONCRETE	7.6	1956	-	-	2016	0	0	LP
MH0697	MH-813	WW Collection	E VINA DEL MAR	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.9	1956	-	-	2016	B	MGP	LP
MH0698	MH-814	WW Collection	E VINA DEL MAR BLVD	6	48	BRICK	BRICK	9.5	1956	4/17/2017	REHABILITATION-LINED	2016	0	0	LP
MH0699	MH-815	WW Collection	E VINA DE MAR BLVD	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	12.7	1956	1/19/2017	REHABILITATION-LINED	2016	B	MGP	26
MH0700	MH-816	WW Collection	W VINA DEL MAR BLVD	6	48	BRICK	BRICK	4.3	1956	12/11/2017	REHABILITATION-LINED	2016	B	MGP	210
MH0701	MH-817	WW Collection	W VINA DEL MAR BLVD	6	48	-	-	6.3	1956	4/12/2017	REHABILITATION-LINED	2016	B	MGP	115
MH0702	MH-818	WW Collection	W VINA DEL MAR BLVD	6	48	BRICK	BRICK	10.3	1956	4/13/2017	REHABILITATION-LINED	2016	B	MGP	20
MH0703	MH-819	WW Collection	W VINA DEL MAR BLVD	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.1	1956	-	-	2016	0	0	LP
MH0704	MH-820	WW Collection	W VINA DEL MAR & HERMOSITA DR	6	48	BRICK	REINFORCED CONCRETE	5.0	1956	-	-	2016	0	0	LP
MH0705	MH-821	WW Collection	W VINA DEL MAR BLVD	6	48	BRICK	REINFORCED CONCRETE	7.4	1956	-	-	2016	0	0	LP
MH0706	MH-822	WW Collection	HERMOSITA DR	6	48	BRICK	REINFORCED CONCRETE	7.9	1956	-	-	2016	0	0	LP
MH0707	MH-823	WW Collection	HERMOSITA DR	6	48	BRICK	REINFORCED CONCRETE	9.1	1956	-	-	2016	0	0	LP
MH0708	MH-824	WW Collection	HERMOSITA DR	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.9	1956	-	-	2016	0	0	LP
MH0709	MH-825	WW Collection	HERMOSITA DR	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.4	1956	-	-	2016	B	MGP	LP
MH0710	MH-826	WW Collection	HERMOSITA DR	6	48	BRICK	BRICK	6.1	1956	7/14/2017	REHABILITATION-LINED	2016	0	0	LP
MH0711	MH-827	WW Collection	-	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.6	1956	-	-	2016	B	MGP	LP
MH0712	MH-828	WW Collection	-	6	48	BRICK	BRICK	9.1	1956	1/19/2017	REHABILITATION-LINED	2016	B	MGP	49
MH0713	MH-829	WW Collection	-	6	48	BRICK	BRICK	9.2	1956	5/31/2017	REHABILITATION-LINED	2016	0	0	LP
MH0714	MH-830	WW Collection	-	6	48	BRICK	BRICK	1.6	1956	8/30/2018	REHABILITATION-LINED	2016	B	MGP	339
MH0715	MH-831	WW Collection	-	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.6	1956	-	-	2016	B	MGP	LP
MH0716	MH-832	WW Collection	-	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.7	1956	-	-	2016	B	MGP	LP
MH0717	MH-833	WW Collection	-	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.1	1956	-	-	2016	B	MGP	LP
MH0718	MH-834	WW Collection	-	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.3	1956	-	-	2016	B	MGP	LP
MH0719	MH-835	WW Collection	-	17	48	-	-	2.8	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	283
MH0720	MH-836	WW Collection	W VINA DEL MAR BLVD	17	48	-	-	4.1	1956	12/11/2017	REHABILITATION-LINED	2016	B	MGP	215
MH0721	MH-837	WW Collection	W VINA DEL MAR BLVD	17	48	-	-	5.5	1956	4/13/2017	REHABILITATION-LINED	2016	B	MGP	113
MH0722	MH-838	WW Collection	-	17	48	-	-	4.7	1956	4/13/2017	REHABILITATION-LINED	2016	B	MGP	141
MH0723	MH-839	WW Collection	S ISLER DR	17	48	-	-	3.0	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	295
MH0724	MH-840	WW Collection	S ISLER DR	17	48	-	-	2.5	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	303
MH0725	MH-841	WW Collection	-	17	48	-	-	3.6	1956	12/11/2017	REHABILITATION-LINED	2016	B	MGP	196
MH0726	MH-842	WW Collection	-	17	48	-	-	5.0	1956	4/13/2017	REHABILITATION-LINED	2016	B	MGP	127
MH0727	MH-843	WW Collection	-	17	48	-	-	6.6	1956	1/19/2017	REHABILITATION-LINED	2016	B	MGP	65
MH0728	MH-844	WW Collection	-	17	48	BRICK	BRICK	5.3	1956	12/11/2017	REHABILITATION-LINED	2016	B	MGP	170
MH0729	MH-845	WW Collection	-	17	48	BRICK	BRICK	4.5	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	276
MH0730	MH-846	WW Collection	ALTON DR	17	48	-	-	8.1	1956	1/19/2017	REHABILITATION-LINED	2016	B	MGP	59
MH0731	MH-847	WW Collection	ALTON DR	17	48	BRICK	BRICK	5.9	1956	8/30/2018	REHABILITATION-LINED	2016	B	MGP	308
MH0732	MH-848	WW Collection	-	17	48	BRICK	BRICK	6.9	1956	4/13/2017	REHABILITATION-LINED	2016	B	MGP	133
MH0733	MH-849	WW Collection	-	17	48	-	-	7.9	1956	4/13/2017	REHABILITATION-LINED	2016	B	MGP	106
MH0734	MH-850	WW Collection	-	17	48	-	-	8.4	1956	1/19/2017	REHABILITATION-LINED	2016	B	MGP	52
MH0735	MH-851	WW Collection	-	17	48	-	-	9.9	1956	1/20/2017	REHABILITATION-LINED	2016	B	MGP	33
MH0736	MH-852	WW Collection	S JULIA CIR	17	48	-	-	9.7	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	284
MH0737	MH-853	WW Collection	S JULIA CIR	17	48	-	-	11.2	1956	-	-	2016	B	MGP	LP
MH0738	MH-854	WW Collection	N JUIA CIR	17	48	BRICK	BRICK	11.7	1956	4/13/2017	REHABILITATION-LINED	2016	0	0	LP
MH0739	MH-855	WW Collection	N JULIA CIR	17	48	BRICK	BRICK	12.8	1956	4/14/2017	REHABILITATION-LINED	2016	WI	ID	LP
MH0740	MH-856	WW Collection	N JULIA CIR	17	48	-	-	9.9	1956	12/12/2017	REHABILITATION-LINED	2016	B	MGP	245
MH0741	MH-857	WW Collection	-	17	48	-	-	11.2	1956	1/20/2017	REHABILITATION-LINED	2016	B	MGP	88
MH0742	MH-858	WW Collection	-	17	48	-	-	10.0	1956	1/20/2017	REHABILITATION-LINED	2016	B	MGP	95
MH0743	MH-859	WW Collection	S ISLER DR	17	48	-	-	8.1	1956	12/12/2017	REHABILITATION-LINED	2016	B	MGP	177
MH0744	MH-860	WW Collection	E DE BAZAN AVE	17	48	BRICK	BRICK	7.1	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	275
MH0745	MH-861	WW Collection	PASS A GRILLE WAY	17	48	BRICK	BRICK	7.2	1956	12/12/2017	REHABILITATION-LINED	2016	B	MGP	213
MH0746	MH-862	WW Collection	8TH AVE	17	48	BRICK	BRICK	8.2	1956	12/12/2017	REHABILITATION-LINED	2016	B	MGP	161
MH0747	MH-863	WW Collection	W VINA DEL MAR BLVD 7 21ST AVE	17	48	BRICK	BRICK	8.9	1956	4/14/2017	REHABILITATION-LINED	2016	B	MGP	103
MH0748	MH-864	WW Collection	PASS A GRILLE WAY	17	48	BRICK	BRICK	10.8	1956	1/20/2017	REHABILITATION-LINED	2016	B	MGP	76

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MH0749	MH-865	WW Collection	13TH AVE	17	48	-	-	12.4	1956	1/20/2017	REHABILITATION-LINED	2016	B	MGP	37
MH0750	MH-866	WW Collection	-	17	48	-	-	9.6	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	285
MH0751	MH-867	WW Collection	E VINA DEL MAR	17	48	BRICK	BRICK	6.4	1956	12/11/2017	REHABILITATION-LINED	2016	B	MGP	169
MH0752	MH-869	WW Collection	E VINADEL MAR BLVD	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.7	1956	-	-	2016	O	0	LP
MH0753	MH-870	WW Collection	W VINA DEL MAR BLVD	5	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.4	1956	-	-	2016	B	MGP	LP
MH0754	MH-871	WW Collection	W VINA DEL MAR BLVD	5	48	BRICK	BRICK	4.0	1956	12/6/2017	REHABILITATION-LINED	2016	B	MGP	212
MH0755	MH-873	WW Collection	W VINA DEL MAR BLVD	6	48	BRICK	BRICK	8.2	1956	1/17/2017	REHABILITATION-LINED	2016	B	MGP	74
MH0756	MH-874	WW Collection	W VINA DEL MAR BLVD	4	48	BRICK	BRICK	6.2	1956	4/12/2017	REHABILITATION-LINED	2016	O	0	LP
MH0757	MH-875	WW Collection	W VINA DEL MAR BLVD	4	48	BRICK	BRICK	4.5	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	241
MH0758	MH-877	WW Collection	21ST AVE	5	48	BRICK	BRICK	4.0	1956	9/14/2018	REHABILITATION-LINED	2016	O	0	LP
MH0759	MH-878	WW Collection	21ST AVE	6	48	BRICK	BRICK	6.3	1956	4/12/2017	REHABILITATION-LINED	2016	B	MGP	105
MH0760	MH-879	WW Collection	GULF BLVD	6	48	BRICK	BRICK	5.5	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	194
MH0761	MH-880	WW Collection	BLIN PASS	6	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.4	1956	-	-	2016	B	MGP	LP
MH0762	MH-881	WW Collection	WULF WINDS DR	6	48	BRICK	BRICK	5.1	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	168
MH0763	MH-882	WW Collection	85TH AVE	6	48	BRICK	BRICK	4.4	1956	12/7/2017	REHABILITATION-LINED	2016	B	MGP	240
MH0764	MH-883	WW Collection	1ST PALM POINT ST	6	48	BRICK	BRICK	3.8	1956	8/29/2018	REHABILITATION-LINED	2016	B	MGP	300
MH0765	MH-884	WW Collection	39TH AVE	6	48	BRICK	BRICK	10.2	1956	1/18/2017	REHABILITATION-LINED	2016	B	MGP	35
MH0766	MH-885	WW Collection	PASS A GRILLE WAY	6	48	BRICK	BRICK	5.9	1956	4/12/2017	REHABILITATION-LINED	2016	B	MGP	125
MH0767	MH-886	WW Collection	COQUINA WAY	6	48	BRICK	BRICK	5.3	1956	4/12/2017	REHABILITATION-LINED	2016	B	MGP	124
MH0768	MH-889	WW Collection	76 TH AVE	10	48	BRICK	BRICK	3.6	1956	9/10/2018	REHABILITATION-LINED	2016	O	0	LP
MH0769	MH-890	WW Collection	HOTEL PLACE	1	48	BRICK	BRICK	4.5	1956	12/19/2017	REHABILITATION-LINED	2016	O	0	219
MH0770	MH-891	WW Collection	CASABLANCA AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.8	1956	-	-	2016	O	0	LP
MH0771	MH-893	WW Collection	S MARITANA DR	1	48	BRICK	BRICK	2.6	1956	9/13/2018	REHABILITATION-LINED	2016	O	0	252
MH0772	MH-895	WW Collection	39TH AVE	14	48	BRICK	REINFORCED CONCRETE	4.5	1956	-	-	2016	O	0	LP
MH0773	MH-896	WW Collection	55TH AVE	8	48	BRICK	BRICK	4.3	1956	9/4/2018	REHABILITATION-LINED	2016	O	0	325
MH0774	MH-897	WW Collection	BALI WAY	4	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.0	1956	-	-	2016	O	0	LP
MH0775	MH-898	WW Collection	-	11	48	BRICK	REINFORCED CONCRETE	3.2	1956	-	-	2016	O	0	LP
MH0776	MH-6565	WW Collection	BAHIA HONDA WAY	1	48	BRICK	BRICK	7.8	1956	3/15/2017	REHABILITATION-LINED	2016	WI	ID	16
MH0777	CO-20	WW Collection	BAHIA HONDA WAY S	5	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.7	1956	2021	REHABILITATION-LINED	2021	-	-	LP
MH0778	MH-12A	WW Collection	59TH AVE	5	48	-	-	6.1	1956	3/27/2020	REHABILITATION-LINED	-	-	-	LP
MH0779	MH-18A	WW Collection	-	5	48	-	-	2.4	1956	12/6/2017	REHABILITATION-LINED	-	-	-	LP
MH0780	MH-1A	WW Collection	BAHIA WAY S	5	48	-	-	4.0	1956	-	-	-	-	-	LP
MH0781	MH-208A	WW Collection	GULF BLVD	3	48	REINFORCED CONCRETE	REINFORCED CONCRETE	3.1	1956	-	-	2016	O	0	LP
MH0782	MH-212A	WW Collection	-	3	48	BRICK	BRICK	8.5	1956	1/25/2017	REHABILITATION-LINED	2016	O	0	68
MH0783	MH-251A	WW Collection	GULF BLVD	3	48	BRICK	BRICK	3.8	1956	9/18/2018	REHABILITATION-LINED	2016	O	0	LP
MH0784	MH-342A	WW Collection	76 TH AVE	8	48	BRICK	BRICK	5.7	1956	12/13/2017	REHABILITATION-LINED	2016	O	0	167
MH0785	MH-347A	WW Collection	76 TH AVE	8	48	-	-	4.2	1956	-	-	-	-	-	LP
MH0786	MH-435A	WW Collection	77 TH AVE	2	48	FRP	FRP	12.4	1956	-	-	2016	O	0	LP
MH0787	MH-435B	WW Collection	BLIND PASS RD	2	48	-	-	13.3	1956	-	-	-	-	-	LP
MH0788	MH-489A	WW Collection	BLIND PASS RD	15	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.8	1956	-	-	2016	O	0	LP
MH0789	MH-500A	WW Collection	79 TH AVE	15	48	BRICK	BRICK	6.8	1956	12/18/2017	REHABILITATION-LINED	2016	O	0	LP
MH0790	MH-500B	WW Collection	BLIND PASS RD	15	48	BRICK	BRICK	6.1	1956	12/18/2017	REHABILITATION-LINED	2016	O	0	227
MH0791	MH-500C	WW Collection	BLIND PASS RD	15	48	BRICK	BRICK	6.0	1956	9/7/2018	REHABILITATION-LINED	2016	O	0	263
MH0792	MH-500D	WW Collection	-	15	48	BRICK	BRICK	3.9	1956	9/7/2018	REHABILITATION-LINED	2016	O	0	LP
MH0793	MH-500E	WW Collection	80 TH AVE	15	48	BRICK	BRICK	4.6	1956	9/7/2018	REHABILITATION-LINED	2016	O	0	LP
MH0794	MH-500F	WW Collection	80TH AVE	15	48	BRICK	BRICK	3.9	1956	9/7/2018	REHABILITATION-LINED	2016	O	0	337
MH0795	MH-503A	WW Collection	80 TH AVE	18	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.2	1956	-	-	2016	O	0	LP
MH0796	MH-519A	WW Collection	81 ST AVE	1	48	-	-	0.0	1956	-	-	-	-	-	LP
MH0797	MH-605A	WW Collection	80 TH WAY	10	48	-	-	7.5	1956	-	-	-	-	-	LP
MH0798	MH-634A	WW Collection	-	10	48	-	-	3.9	1956	-	-	-	-	-	LP
MH0799	MH-63A	WW Collection	83 RD AVE	3	48	-	-	5.5	1956	8/18/2017	REHABILITATION-LINED	-	-	-	LP
MH0800	MH-650A	WW Collection	83 RD AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.7	1956	-	-	2016	O	0	LP
MH0801	MH-660A	WW Collection	-	1	48	BRICK	BRICK	4.9	1956	12/21/2017	REHABILITATION-LINED	2016	O	0	236
MH0802	MH-669A	WW Collection	84 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.6	1956	-	-	2016	O	0	LP
MH0803	MH-669B	WW Collection	GULF BLVD	1	48	NON-REINFORCED CONCRETE	REINFORCED CONCRETE	6.0	1956	-	-	2016	O	0	LP
MH0804	MH-676A	WW Collection	87TH AVE & BOCA CIEGA DR	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.4	1956	-	-	2016	O	0	LP
MH0805	MH-679A	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.3	1956	-	-	2016	O	0	LP
MH0806	MH-679B	WW Collection	87 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.8	1956	-	-	2016	O	0	LP
MH0807	MH-684A	WW Collection	88 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.5	1956	-	-	2016	O	0	LP
MH0808	MH-685A	WW Collection	89 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.5	1956	-	-	2016	O	0	LP
MH0809	MH-686A	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.5	1956	-	-	2016	O	0	LP
MH0810	MH-688A	WW Collection	BLIND PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.1	1956	-	-	2016	O	0	LP
MH0811	MH-688B	WW Collection	GULF BLVD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.1	1956	-	-	2016	O	0	LP
MH0812	MH-689A	WW Collection	GULF BLVD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.6	1956	-	-	2016	O	0	LP
MH0813	MH-68A	WW Collection	E VINA DEL MAR BLVD	7	48	-	-	5.4	1956	5/2/2019	REHABILITATION-LINED	-	-	-	LP
MH0814	MH-690A	WW Collection	BLIN PASS RD	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.4	1956	-	-	2016	O	0	LP
MH0815	MH-695A	WW Collection	90 TH AVE	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.5	1956	-	-	2016	O	0	LP
MH0816	MH-697A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.5	1956	-	-	2016	O	0	LP

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	STREET	LS BASIN	DIAMETER (IN)	CONE MATERIAL	WALL MATERIAL	MH DEPTH RIM TO INVERT (FT)	YEAR AQUIRED	LAST MODIFICATION	MODIFICATION NOTES	LAST INSPECTION (YR)	NASSCO COMPONENT CODE	NASSCO REPAIR CODE	PRIORITIZATION
MH0817	MH-704A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	2.7	1956	-	-	2016	0	0	LP
MH0818	MH-706A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.3	1956	-	-	2016	0	0	LP
MH0819	MH-706B	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.5	1956	-	-	2016	0	0	LP
MH0820	MH-708A	WW Collection	-	1	48	-	-	9.9	1956	4/25/2017	REHABILITATION-LINED	2016	0	0	LP
MH0821	MH-710A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	7.1	1956	-	-	2016	0	0	LP
MH0822	MH-732A	WW Collection	-	11	48	BRICK	REINFORCED CONCRETE	9.4	1956	-	-	2016	0	0	LP
MH0823	MH-741A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.4	1956	4/25/2017	REHABILITATION-LINED	2016	0	0	LP
MH0824	MH-744A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.1	1956	-	-	2016	0	0	LP
MH0825	MH-744B	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.3	1956	-	-	2016	0	0	LP
MH0826	MH-755A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.9	1956	-	-	2016	0	0	LP
MH0827	MH-758A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.7	1956	-	-	2016	0	0	LP
MH0828	MH-765A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	5.6	1956	-	-	2016	0	0	LP
MH0829	MH-767A	WW Collection	-	12	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.2	1956	-	-	2016	0	0	LP
MH0830	MH-770A	WW Collection	-	12	48	BRICK	BRICK	4.4	1956	9/10/2018	REHABILITATION-LINED	2016	0	0	178
MH0831	MH-783A	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	4.4	1956	-	-	2016	0	0	LP
MH0832	MH-784A	WW Collection	-	1	48	-	-	0.0	1956	-	-	-	-	-	LP
MH0833	MH-816A	WW Collection	-	6	48	BRICK	BRICK	5.5	1956	8/29/2018	REHABILITATION-LINED	2016	0	0	LP
MH0834	MH-890A	WW Collection	-	1	48	BRICK	BRICK	2.0	1956	12/19/2017	REHABILITATION-LINED	2016	0	0	246
MH0835	CO-8	WW Collection	-	5	48	REINFORCED CONCRETE	REINFORCED CONCRETE	6.3	1956	2021	REHABILITATION-LINED	2021	-	-	LP
MH0836	MH-9A	WW Collection	-	5	48	-	-	6.5	1956	3/27/2020	REHABILITATION-LINED	-	-	-	LP
MH0837	WW-1	WW Collection	-	1	48	-	-	14.4	1956	-	-	-	-	-	LP
MH0838	WW-2	WW Collection	-	1	48	-	-	13.4	1956	-	-	-	-	-	LP
MH0838	CO-78	WW Collection	-	1	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.1	1956	2021	REHABILITATION-LINED	2021	-	-	LP
MH0839	MH-899	WW Collection	-	10	48	-	-	0.0	1956	-	-	-	-	-	LP
MH0840	MH-502A	WW Collection	-	18	48	PC	PC	10.2	1956	-	-	-	-	-	LP
MH0841	MH-502B	WW Collection	-	18	48	REINFORCED CONCRETE	REINFORCED CONCRETE	10.5	1956	-	-	-	-	-	LP
MH0842	MH-362A	WW Collection	-	21	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.1	1956	-	-	-	-	-	LP
MH0843	MH-362B	WW Collection	-	21	48	REINFORCED CONCRETE	REINFORCED CONCRETE	9.2	1956	-	-	-	-	-	LP
MH0844	MH-436A	WW Collection	GULF BLVD	19	48	REINFORCED CONCRETE	REINFORCED CONCRETE	8.9	1956	-	-	-	-	-	LP
MH0845	-	WW Collection	71ST AVE	-	48	-	-	13.37	-	-	-	-	-	-	LP
MH0846	-	WW Collection	BLIND PASS RD	-	48	-	-	-	-	-	-	-	-	-	LP
MH0847	-	WW Collection	BLIND PASS RD	-	48	-	-	-	-	-	-	-	-	-	LP
MH0848	-	WW Collection	BLIND PASS RD	-	48	-	-	-	-	-	-	-	-	-	LP
MH0849	-	WW Collection	BLIND PASS RD	-	48	-	-	-	-	-	-	-	-	-	LP
MH0850	-	WW Collection	BLIND PASS RD	-	48	-	-	6.35	-	-	-	-	-	-	LP
MH0851	-	WW Collection	BLIND PASS RD	-	48	-	-	5.21	-	-	-	-	-	-	LP
MH0852	-	WW Collection	BLIND PASS RD	-	48	-	-	4.86	-	-	-	-	-	-	LP
MH0853	-	WW Collection	-	-	48	-	-	4.2	-	-	-	-	-	-	LP
MH0854	-	WW Collection	GULF WINDS DR	-	48	-	-	4.14	-	-	-	-	-	-	LP
MH0855	-	WW Collection	GULF WINDS DR	-	48	-	-	5.16	-	-	-	-	-	-	LP
MH0856	-	WW Collection	BLIND PASS RD	-	48	-	-	5.05	-	-	-	-	-	-	LP
MH0857	-	WW Collection	70TH AVE	-	48	-	-	4.37	-	-	-	-	-	-	LP
MH0858	WW-2	WW Collection	BOCA CIEGA DR	-	48	-	-	3.78	-	-	-	-	-	-	LP

CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 7: CLEAN OUTS

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	CO DEPTH RIM TO INVERT (FT)	LS BASIN	LIFE CYCLE STATUS	LAST INSPECTION (YR)
CO0001	CO-83	WW Collection	7.8	1	ACTIVE	2016
CO0002	CO-2	WW Collection	6.2	5	ACTIVE	2016
CO0003	CO-3	WW Collection	5.81	5	ACTIVE	2016
CO0004	CO-4	WW Collection	5.9	5	ACTIVE	2016
CO0005	CO-5	WW Collection	6.4	5	ACTIVE	2016
CO0006	CO-6	WW Collection	5.91	5	ACTIVE	2016
CO0007	CO-7	WW Collection	7.03	5	ACTIVE	2016
CO0008	CO-11	WW Collection	6.49	5	ACTIVE	2016
CO0009	CO-10	WW Collection	6.12	5	ACTIVE	2016
CO0010	CO-13	WW Collection	6.3	5	ACTIVE	2016
CO0011	CO-15	WW Collection	6.05	5	ACTIVE	2016
CO0012	CO-14	WW Collection	6.28	5	ACTIVE	2016
CO0013	CO-17	WW Collection	5.99	5	ACTIVE	2016
CO0014	CO-16	WW Collection	5.23	5	ACTIVE	2016
CO0016	CO-21	WW Collection	6.6	5	ACTIVE	2016
CO0017	CO-19	WW Collection	6.32	5	ACTIVE	2016
CO0018	CO-24	WW Collection	6.11	4	ACTIVE	2016
CO0019	CO-22	WW Collection	5.69	4	ACTIVE	2016
CO0020	CO-23	WW Collection	5.82	4	ACTIVE	2016
CO0021	CO-26	WW Collection	5.8	4	ACTIVE	2016
CO0022	CO-25	WW Collection	4.94	4	ACTIVE	2016
CO0023	CO-27	WW Collection	5.32	4	ACTIVE	2016
CO0024	CO-30	WW Collection	6.84	4	ACTIVE	2016
CO0025	CO-28	WW Collection	5.79	4	ACTIVE	2016
CO0026	CO-29	WW Collection	6.03	4	ACTIVE	2016
CO0027	CO-32	WW Collection	5.78	4	ACTIVE	2016
CO0028	CO-33	WW Collection	6.54	4	ACTIVE	2016
CO0029	CO-31	WW Collection	6.27	4	ACTIVE	2016
CO0030	CO-35	WW Collection	6.02	4	ACTIVE	2016
CO0031	CO-36	WW Collection	6.58	4	ACTIVE	2016
CO0032	CO-34	WW Collection	6.3	4	ACTIVE	2016
CO0033	CO-39	WW Collection	6.32	4	ACTIVE	2016
CO0034	CO-37	WW Collection	5.97	4	ACTIVE	2016
CO0035	CO-38	WW Collection	6.38	4	ACTIVE	2016
CO0036	CO-42	WW Collection	6.3	4	ACTIVE	2016
CO0037	CO-40	WW Collection	6.54	4	ACTIVE	2016
CO0038	CO-45	WW Collection	6.16	4	ACTIVE	2016
CO0039	CO-43	WW Collection	6.16	4	ACTIVE	2016
CO0040	CO-44	WW Collection	6.22	4	ACTIVE	2016
CO0041	CO-47	WW Collection	6.4	4	ACTIVE	2016
CO0042	CO-48	WW Collection	6.2	4	ACTIVE	2016
CO0043	CO-46	WW Collection	6.44	4	ACTIVE	2016
CO0044	CO-51	WW Collection	5.96	3	ACTIVE	2016
CO0045	CO-49	WW Collection	5.6	3	ACTIVE	2016
CO0046	CO-50	WW Collection	6.4	3	ACTIVE	2016
CO0047	CO-52	WW Collection	6.43	3	ACTIVE	2016
CO0048	CO-54	WW Collection	6.08	3	ACTIVE	2016
CO0049	CO-53	WW Collection	6	3	ACTIVE	2016
CO0050	CO-55	WW Collection	6.75	3	ACTIVE	2016
CO0051	CO-56	WW Collection	6.25	3	ACTIVE	2016
CO0052	CO-59	WW Collection	6.5	3	ACTIVE	2016
CO0053	CO-58	WW Collection	5.99	3	ACTIVE	2016
CO0054	CO-64	WW Collection	6.44	3	ACTIVE	2016
CO0055	CO-60	WW Collection	6.28	3	ACTIVE	2016
CO0056	CO-57	WW Collection	6.6	3	ACTIVE	2016
CO0057	CO-61	WW Collection	6.96	3	ACTIVE	2016
CO0058	CO-62	WW Collection	4.4	3	ACTIVE	2016
CO0059	CO-65	WW Collection	5.63	3	ACTIVE	2016
CO0060	CO-67	WW Collection	7.98	2	ACTIVE	2016
CO0061	CO-70	WW Collection	9.81	7	ACTIVE	2016
CO0062	CO-69	WW Collection	6.19	7	ACTIVE	2016
CO0063	CO-71	WW Collection	5.42	2	ACTIVE	2016
CO0064	CO-80	WW Collection	5.89	1	ACTIVE	2016
CO0065	CO-72	WW Collection	7.25	1	ACTIVE	2016
CO0066	CO-74	WW Collection	6.49	1	ACTIVE	2016
CO0067	CO-76	WW Collection	6.54	1	ACTIVE	2016
CO0069	CO-75	WW Collection	6.6	1	ACTIVE	2016
CO0070	CO-77	WW Collection	6.84	1	ACTIVE	2016
CO0081	CO-84	WW Collection	-	10	ACTIVE	2016
CO0082	CO-85	WW Collection	-	10	ACTIVE	2016

CITY OF ST. PETE BEACH FIXED ASSETS
TABLE 8: MISCELLANEOUS

FIXED ASSET ID	FIXED ASSET NAME	ALLOCATION CODE	DATE ACQUIRED	NOTES
0183	CL2 Sampler	General	7/15/1992	-
0191	Pro guard 3-Way Recovery	General	12/1/1998	-
0603	2006 Ford E-350 Boxvan	General	8/10/2006	-
0621	Tv Camera / Digital Recoder	General	3/31/2006	-
0679	Server / Licenses - Incode	General	9/30/2007	-
0716	JD Front End Loader	General	6/2/2008	-
0721	Incode Work Order System	General	6/30/2008	-
0761	Wheeled Transporter -FY 09	General	9/30/2009	-
0803	Snake Machine / Trash PM	General	4/15/2011	-
0814	MP Station 1 Controls	General	9/1/2011	-
0821	2012 Ford F350	General	9/30/2011	-
0829	Minolta Copier	General	9/1/2011	-
0882	Utility Crane Truck W/	General	6/10/2013	-
-	SCADA System (ER MECHANICAL)	-	1/1/2020	All Lift Stations
0969	Sewer Chain Cutter	General	6/10/2016	-
0985	Sewer VAC Truck	General	2/24/2016	-
1006	2017 Ford Trans Utility	General	10/19/2017	-
1026	Flow Monitoring System	WWT&C	11/30/2017	-
1033	GIS Information System	WWT&C	3/20/2018	-
1059	Camera System	General	5/30/2019	-
-	PS-1 Generator	WW Transmission	-	Generac MDG25IF4-STD, 1000 G Diesel Tank
-	Generac MDG25IF4-STD	General	1/1/2020	Mobile Generator, 48 G Diesel Tank
-	PS-2 Generator	WW Transmission	-	Natural Gas
-	PS-3 Generator	WW Transmission	-	200 G Diesel Tank

APPENDIX C: Lift Station Exhibits

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
8665 BOCA CIEGA DRIVE
ST. PETE BEACH, FL 33706

PUMP STATION 1 INFORMATION EXHIBIT

NEAREST ADDRESS:
8665 BOCA CIEGA DRIVE
ST. PETE BEACH, FL 33706

SOUTH WET WELL

WET WELL DEPTH	26
WET WELL DIAMETER	12 FT
APPROX. WET WELL STORAGE*	11,421 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

NORTH WET WELL

WET WELL DEPTH	26
WET WELL DIAMETER	12 FT
APPROX. WET WELL STORAGE*	11,421 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	18-IN DIP, 24-IN DIP
BY-PASS PORT SIZE	6-IN CAMLOCK
ARVS TO BE MAINTAINED	0

BY-PASS PUMP REQUIRED

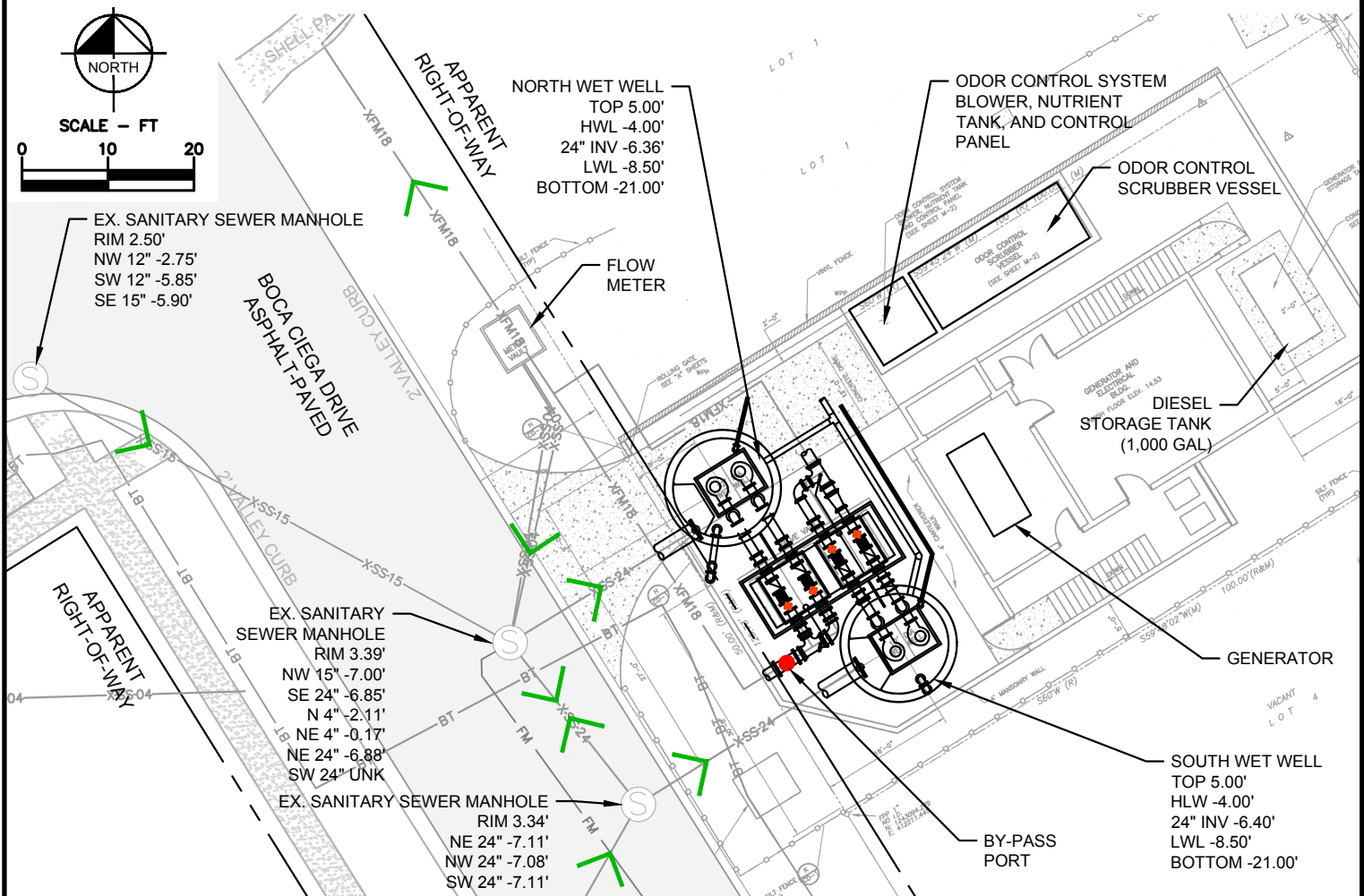
PUMP TYPE	6-IN DIESEL SELF PRIMING PUMP
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PUMP STATION PUMPS

PUMP MODEL & HP	FLYGT NP 3315/140 HP
YEAR OF PUMP INSTALLATION	2014
EST. YEAR OF PUMP OVERHAUL	2024
NUMBER OF PUMPS	4
DESIGN POINTS	2 PUMPS: 5300 GPM @ 125 FT TDH 2 PUMPS: 4200 GPM @ 110 FT TDH 1 PUMP: 2800 GPM @ 80 FT TDH 1 PUMP: 1600 GPM @ 60 FT TDH
IMPELLER DIAMETER	447 MM

ON-SITE GENERATOR

GENERATOR TYPE	CUMMINS DFEG-5750795
FUEL TYPE	DIESEL
FUEL TANK SIZE	1,000 GAL
FUEL CONSUMPTION RATE	112 GAL/HR
POWER VOLTAGE/PHASE	480 V/3 PH



PUMP STATION 1 EXHIBIT

FID: PS001



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 55TH AVENUE
ST. PETE BEACH, FL 33706

PUMP STATION 2 INFORMATION EXHIBIT

NEAREST ADDRESS:
120 55TH AVENUE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	24.2 FT
WET WELL DIAMETER	12 FT
APPROX. WET WELL STORAGE*	17,088 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	16-IN PVC
BY-PASS PORT SIZE	8-IN CAMLOCK
ARVS TO BE MAINTAINED	13

BY-PASS PUMP REQUIRED

PUMP TYPE	8-IN DIESEL SELF PRIMING PUMP
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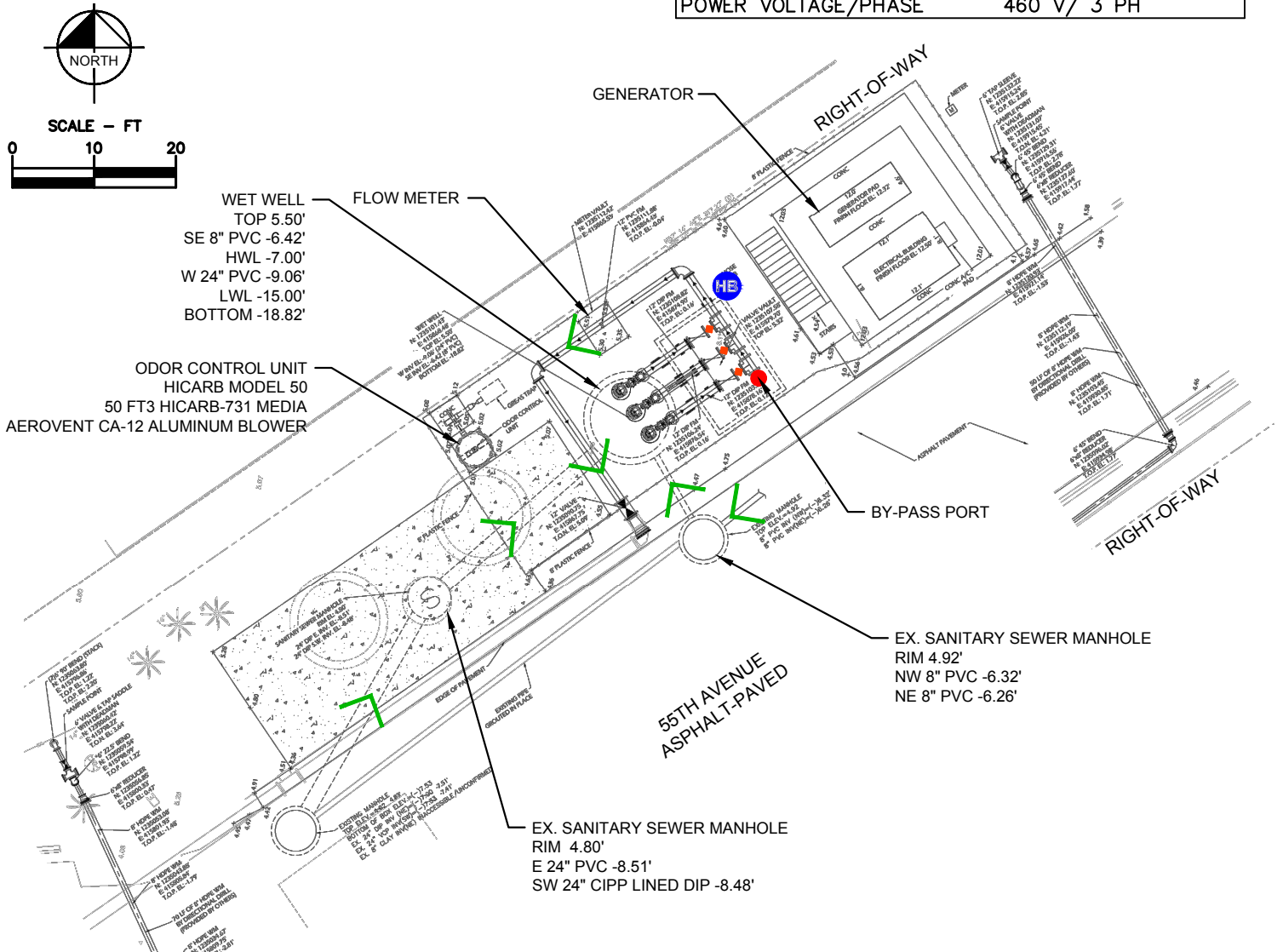
VFDs INSTALLED FOR FLOW CONTROL

PUMP STATION PUMPS

PUMP MODEL & HP	FLYGT NP 3202/35 HP
YEAR OF PUMP INSTALLATION	2015
EST. YEAR OF PUMP OVERHAUL	2025
NUMBER OF PUMPS	3
DESIGN POINTS	60 HZ: 4420 GPM @ 46.2 FT TDH 54 HZ: 3780 GPM @ 37.9 FT TDH 50 HZ: 2350 GPM @ 23.8 FT TDH 35 HZ: 1110 GPM @ 17 FT TDH
IMPELLER DIAMETER	334 MM

ON-SITE GENERATOR

GENERATOR TYPE	KOHLER 100REZGD
FUEL TYPE	NATURAL GAS
FUEL TANK SIZE	N/A-- METERED
FUEL CONSUMPTION RATE	39.9 M3/HR
POWER VOLTAGE/PHASE	460 V/ 3 PH



PUMP STATION 2 EXHIBIT

FID: PS002



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 E DEBAZAN AVENUE
ST. PETE BEACH, FL 33706

PUMP STATION 3 INFORMATION EXHIBIT

NEAREST ADDRESS:
3300 E DEBAZAN AVENUE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	23.12 FT
WET WELL DIAMETER	12 FT
APPROX. WET WELL STORAGE*	14,428 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	10-IN PVC, 12-IN HDPE
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	5

BY-PASS PUMP REQUIRED

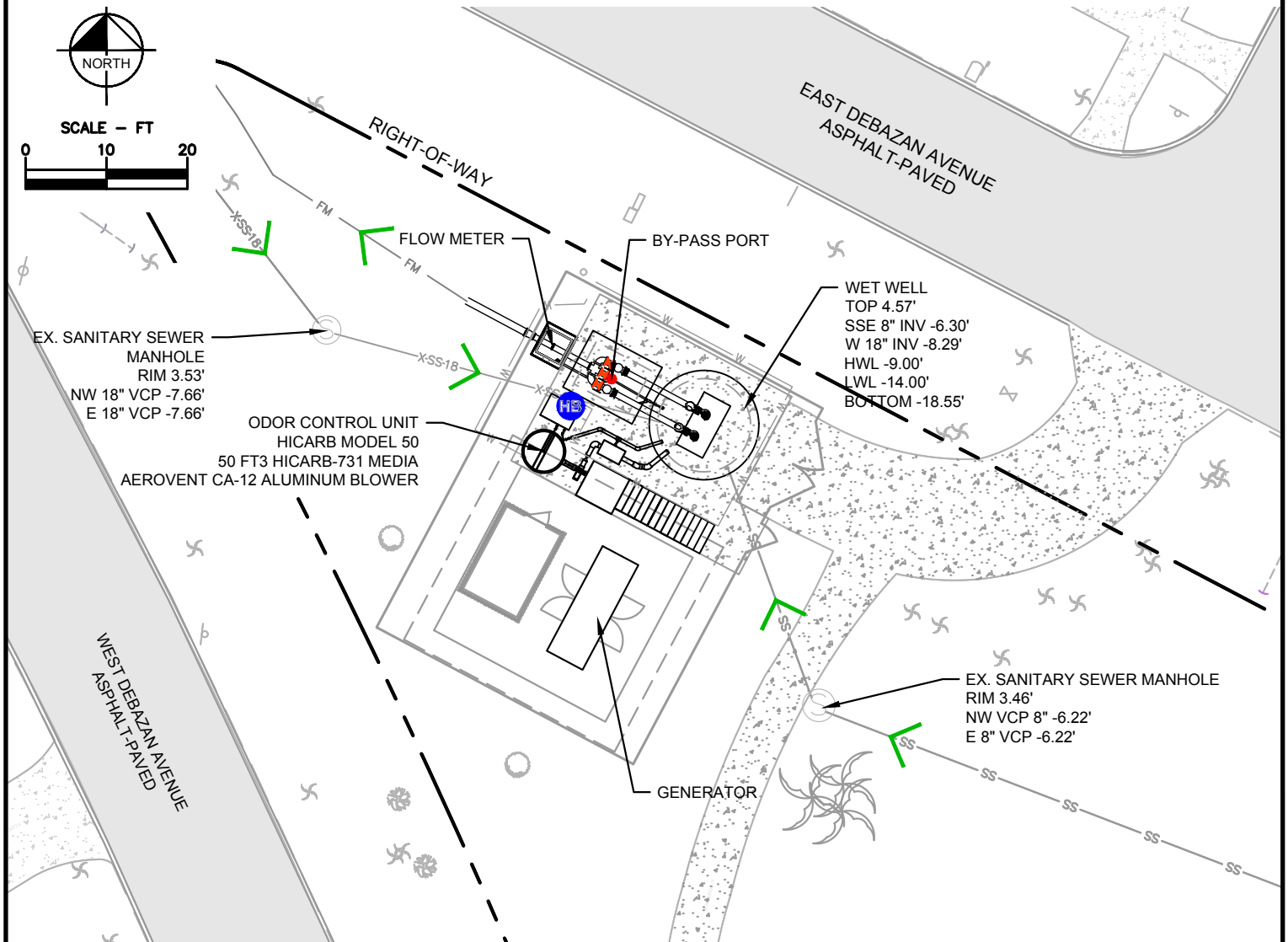
PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION PUMPS

PUMP MODEL & HP	FLYGT NP 3171/34 HP
YEAR OF PUMP INSTALLATION	2016
EST. YEAR OF PUMP OVERHAUL	2026
NUMBER OF PUMPS	2
DESIGN POINT	1385 GPM @ 64 FT TDH
IMPELLER DIAMETER	217 MM

ON-SITE GENERATOR

GENERATOR TYPE	KOHLER 80REOZIF
FUEL TYPE	DIESEL
FUEL TANK SIZE	200 GAL
FUEL CONSUMPTION RATE	5.1 GAL/HR
POWER VOLTAGE/PHASE	480 V/3 PH



PUMP STATION 3 EXHIBIT
FID: PS003



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 PASS A GRILLE WAY
ST. PETE BEACH, FL 33706

LIFT STATION 4 INFORMATION EXHIBIT

NEAREST ADDRESS:
1901 PASS A GRILLE WAY
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	14 FT
WET WELL DIAMETER	10 FT
APPROX. WET WELL STORAGE*	7,390 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN PVC
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

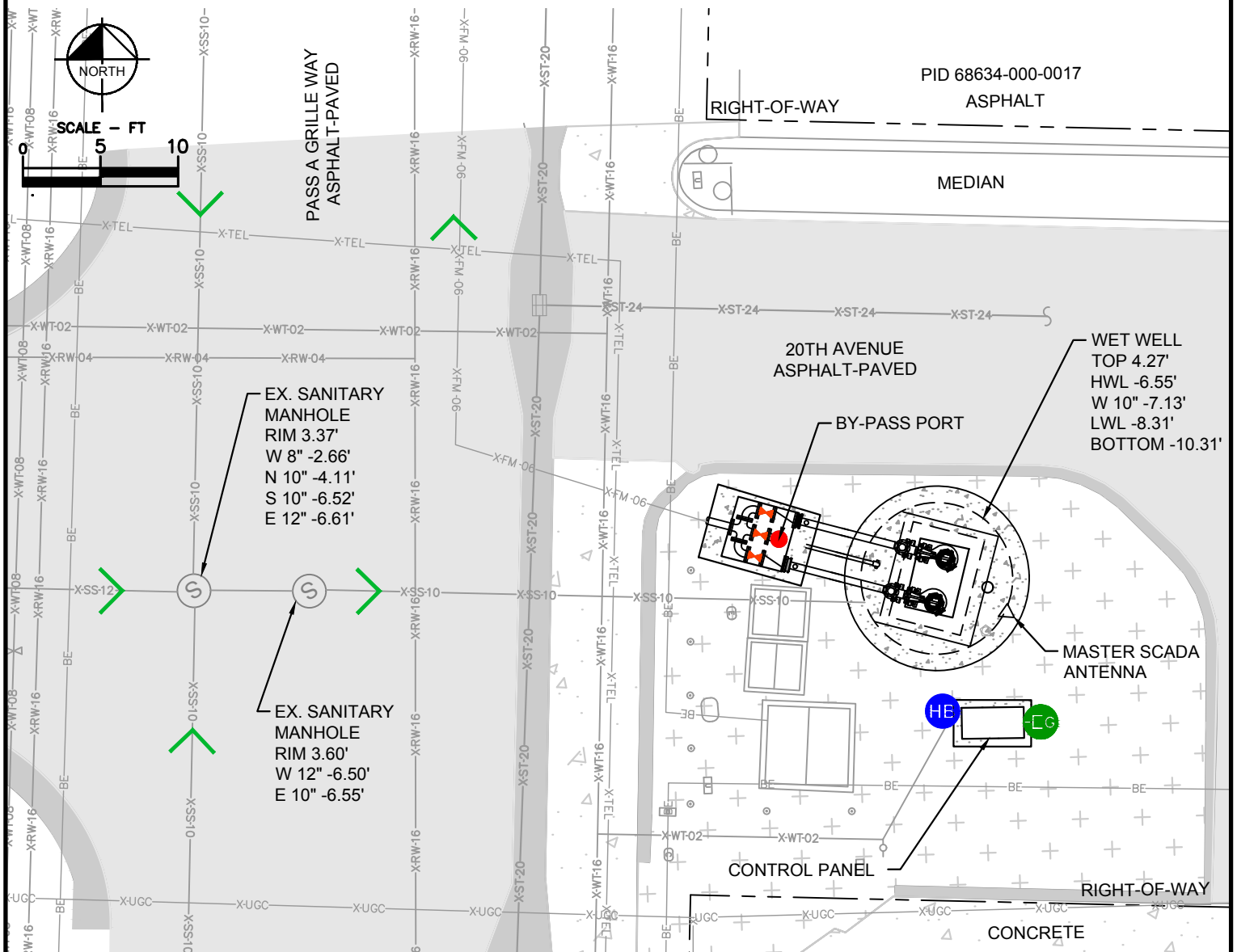
PUMP MODEL & HP	FLYGT NP 3102/5 HP
YEAR OF PUMP INSTALLATION	2021
EST. YEAR OF PUMP OVERHAUL	2031
NUMBER OF PUMPS	2
DESIGN POINT	500 GPM @ 23 FT TDH
IMPELLER DIAMETER	172 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 4 EXHIBIT

FID: LS004



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 PASS A GRILLE WAY
ST. PETE BEACH, FL 33706

LIFT STATION 5 INFORMATION EXHIBIT

NEAREST ADDRESS:
600 PASS A GRILLE WAY
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	13.5 FT
WET WELL DIAMETER	11 FT
APPROX. WET WELL STORAGE*	8,090 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN PVC, 4-IN PVC
BY-PASS PORT SIZE	4 IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

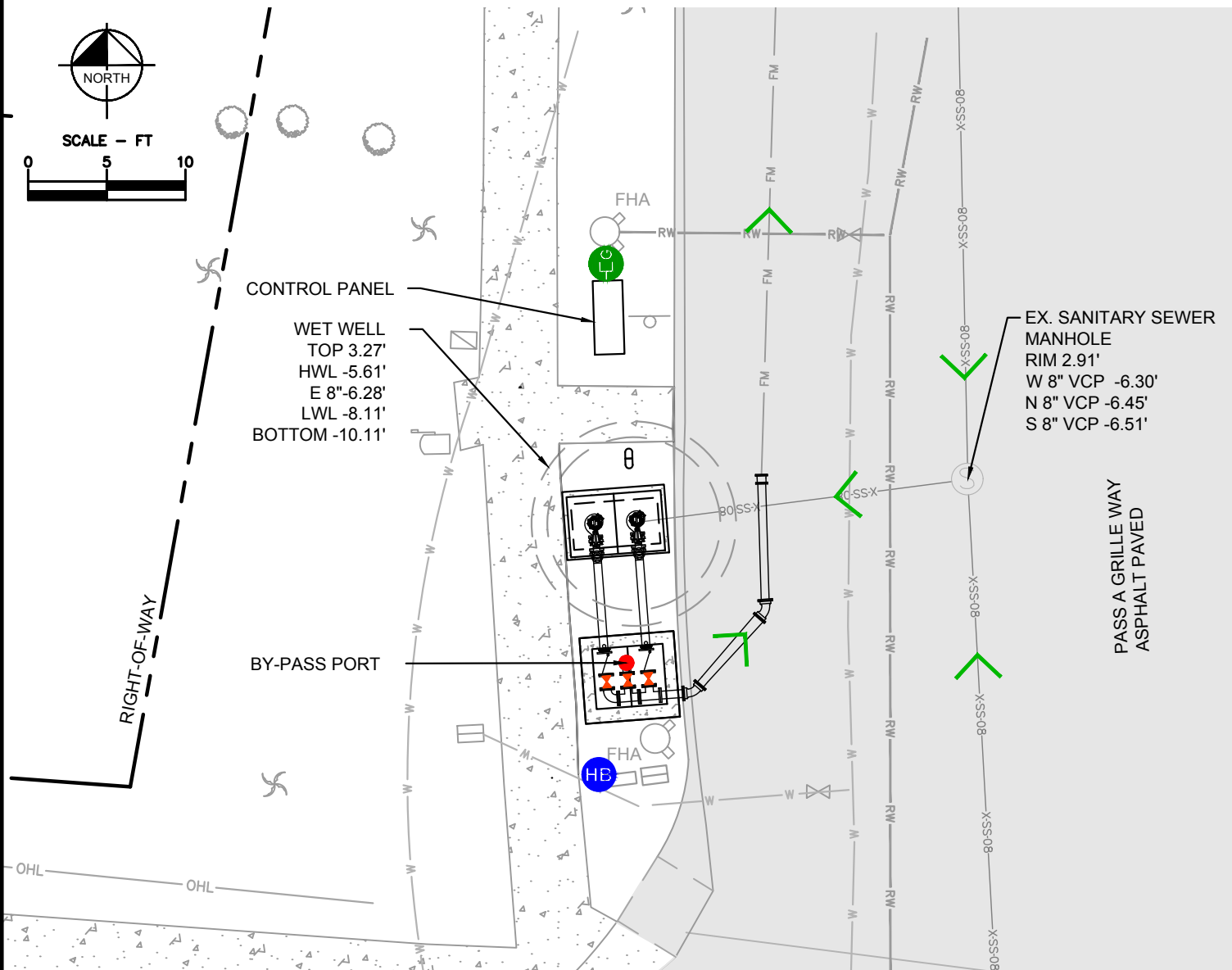
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2014
EST. YEAR OF PUMP OVERHAUL	2024
NUMBER OF PUMPS	2
DESIGN POINT	305 GPM @ 22.1 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 5 EXHIBIT

FID: LS005



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 W VINA DEL MAR BLVD.
ST. PETE BEACH, FL 33706

LIFT STATION 6 INFORMATION EXHIBIT

NEAREST ADDRESS:
2262 W VINA DEL MAR BLVD.
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	16 FT
WET WELL DIAMETER	12 FT
APPROX. WET WELL STORAGE*	12,022 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	8-IN CIP, DIP, PVC
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

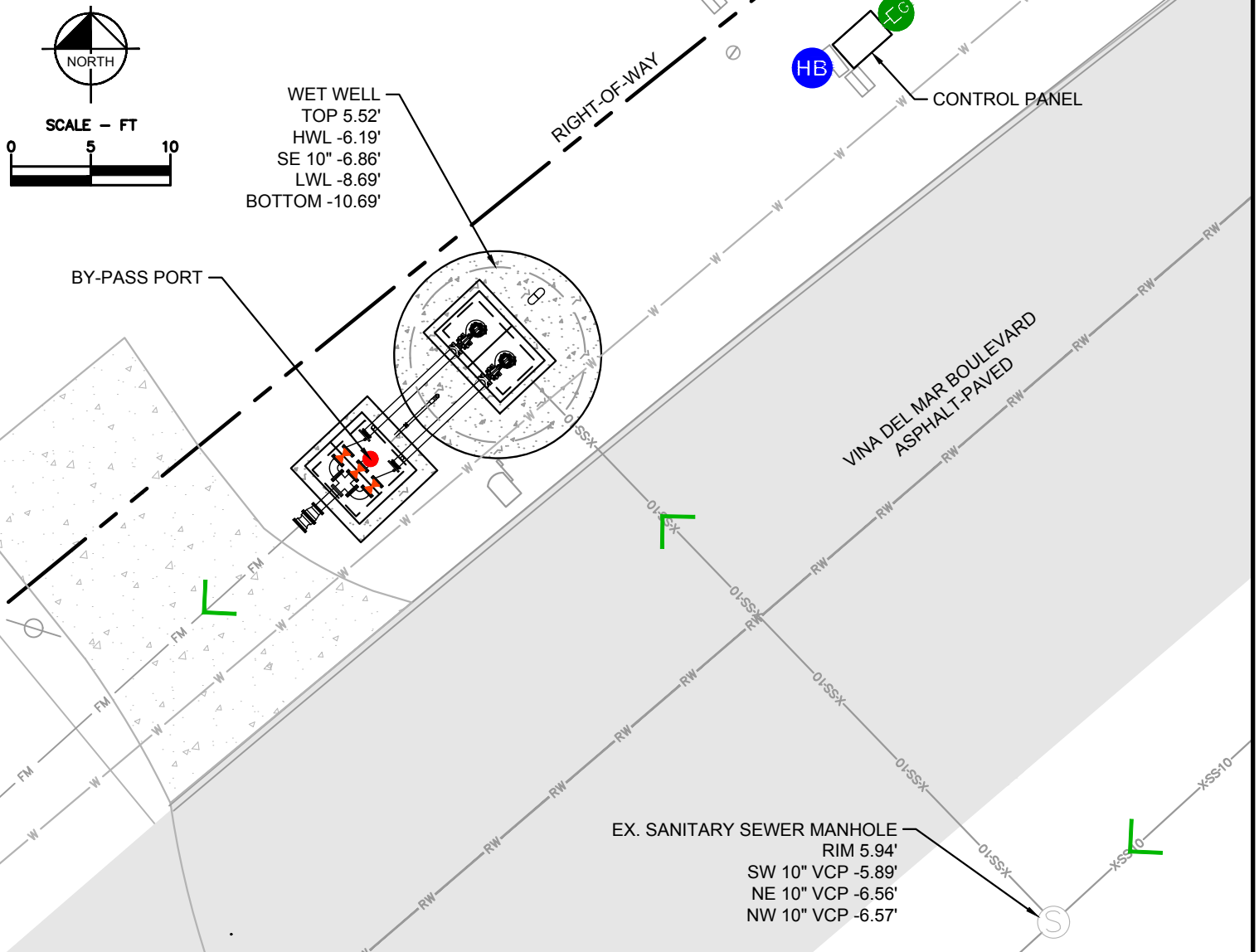
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2014
EST. YEAR OF PUMP OVERHAUL	2024
NUMBER OF PUMPS	2
DESIGN POINT	385 GPM @ 18.7 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 6 EXHIBIT

FID: LS006



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
125 44TH AVENUE
ST. PETE BEACH, FL 33706

LIFT STATION 7 INFORMATION EXHIBIT

NEAREST ADDRESS:
135 44TH AVENUE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	16 FT
WET WELL DIAMETER	12.5 FT
APPROX. WET WELL STORAGE*	3,116 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	8-IN PVC
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

VFDs INSTALLED FOR FLOW CONTROL

LIFT STATION PUMPS

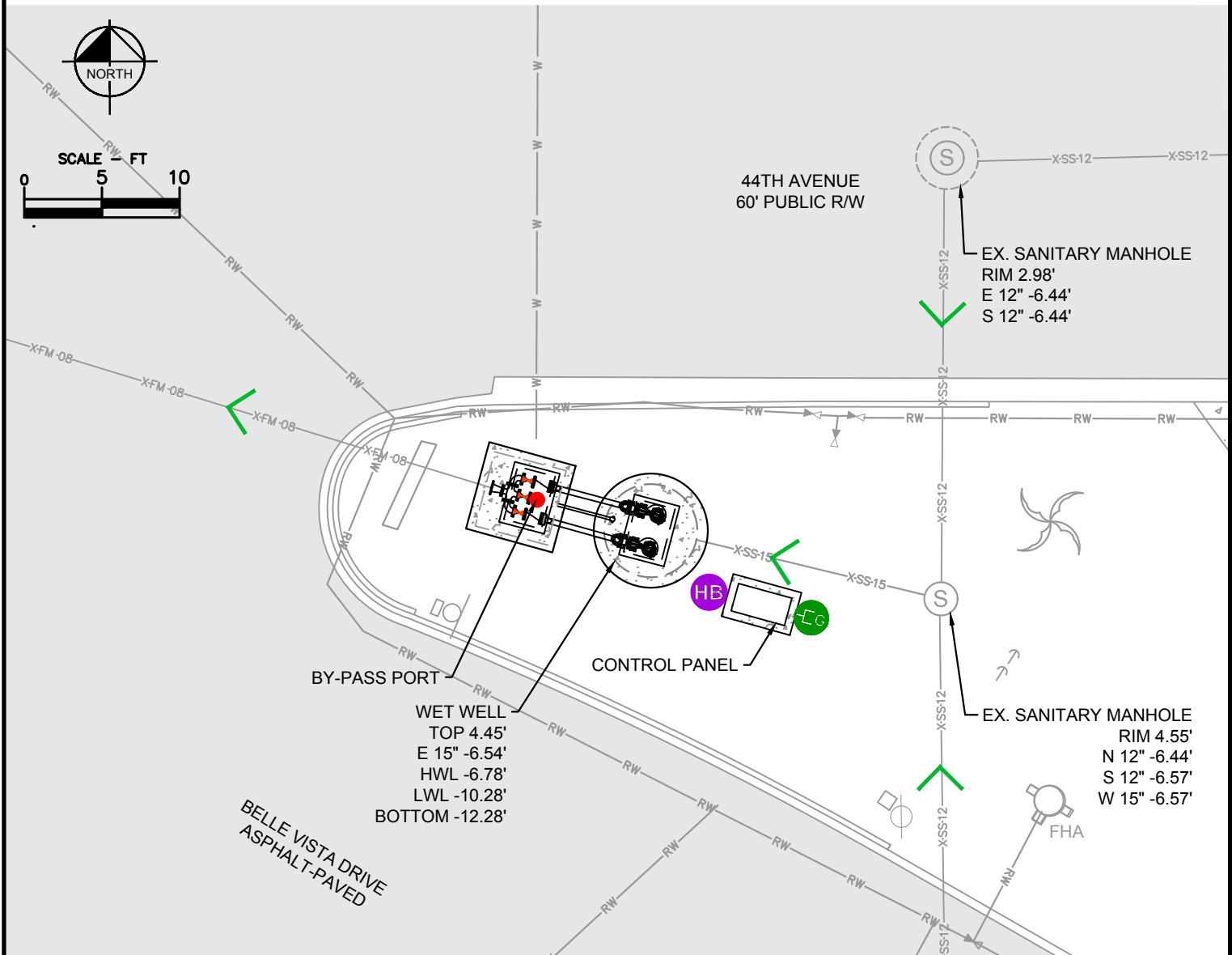
PUMP MODEL & HP	FLYGT NP 3127/7.5 HP
YEAR OF PUMP INSTALLATION	2021
EST. YEAR OF PUMP OVERHAUL	2031
NUMBER OF PUMPS	2
DESIGN POINT	800 GPM @ 20 FT TDH
IMPELLER DIAMETER	188 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 7 EXHIBIT

FID: LS007



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 39TH AVENUE
ST. PETE BEACH, FL 33706

LIFT STATION 8 INFORMATION EXHIBIT

NEAREST ADDRESS:
380 39TH AVENUE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	16 FT
WET WELL DIAMETER	11 FT
APPROX. WET WELL STORAGE*	9,739 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	8-IN CIP, 6-IN PVC
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

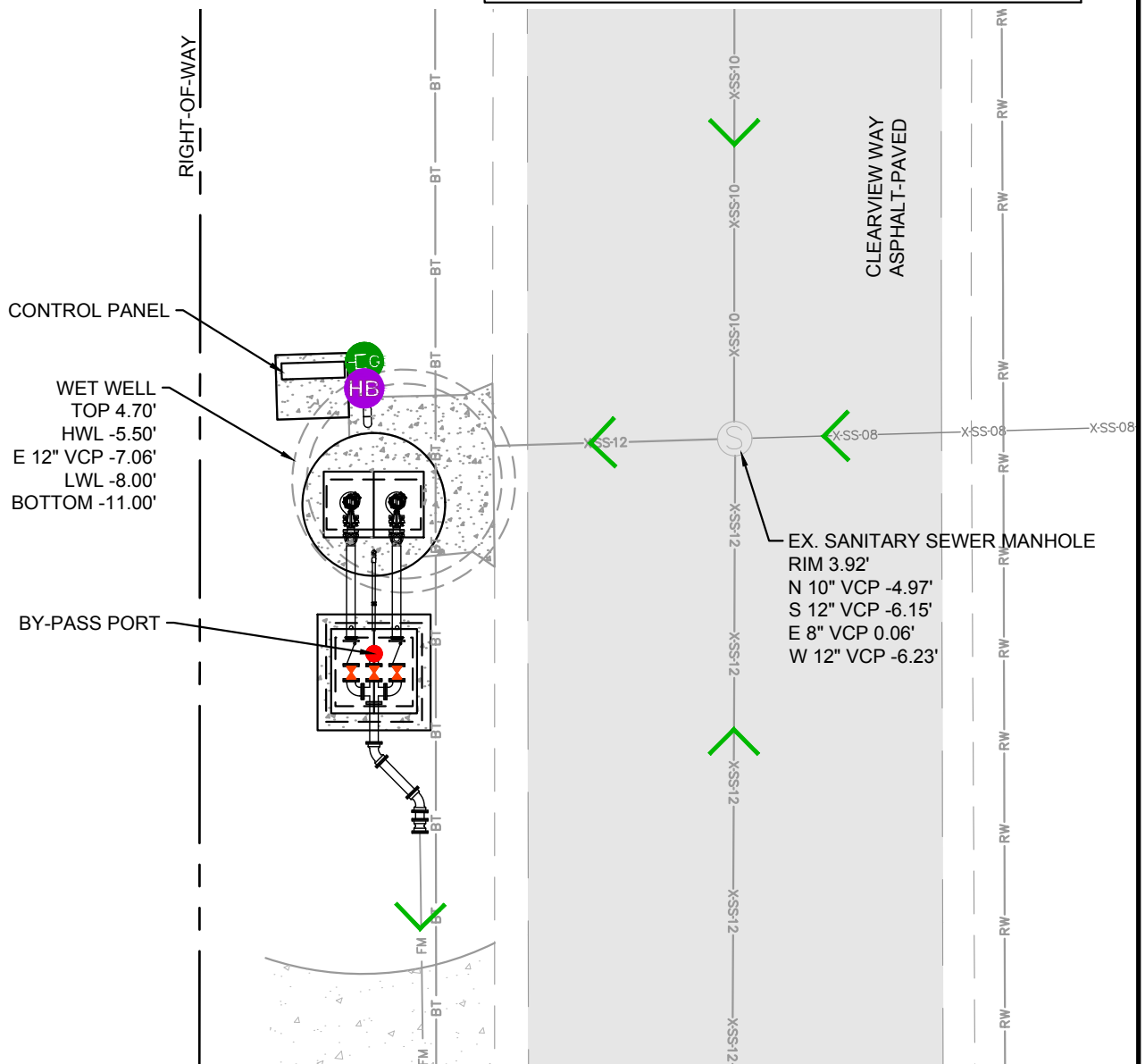
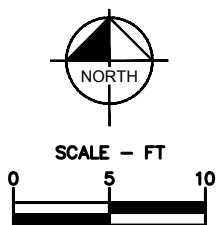
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2017
EST. YEAR OF PUMP OVERHAUL	2027
NUMBER OF PUMPS	2
DESIGN POINT	265 GPM @ 26 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 8 EXHIBIT
FID: LS008



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 BOCA CIEGA ISLE DR.
ST. PETE BEACH, FL 33706

LIFT STATION 9 INFORMATION EXHIBIT

NEAREST ADDRESS:
1360 BOCA CIEGA ISLE DR.
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	13.69 FT
WET WELL DIAMETER	11 FT
APPROX. WET WELL STORAGE*	8,310 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN PVC, 8-IN HDPE
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	1

LIFT STATION PUMPS

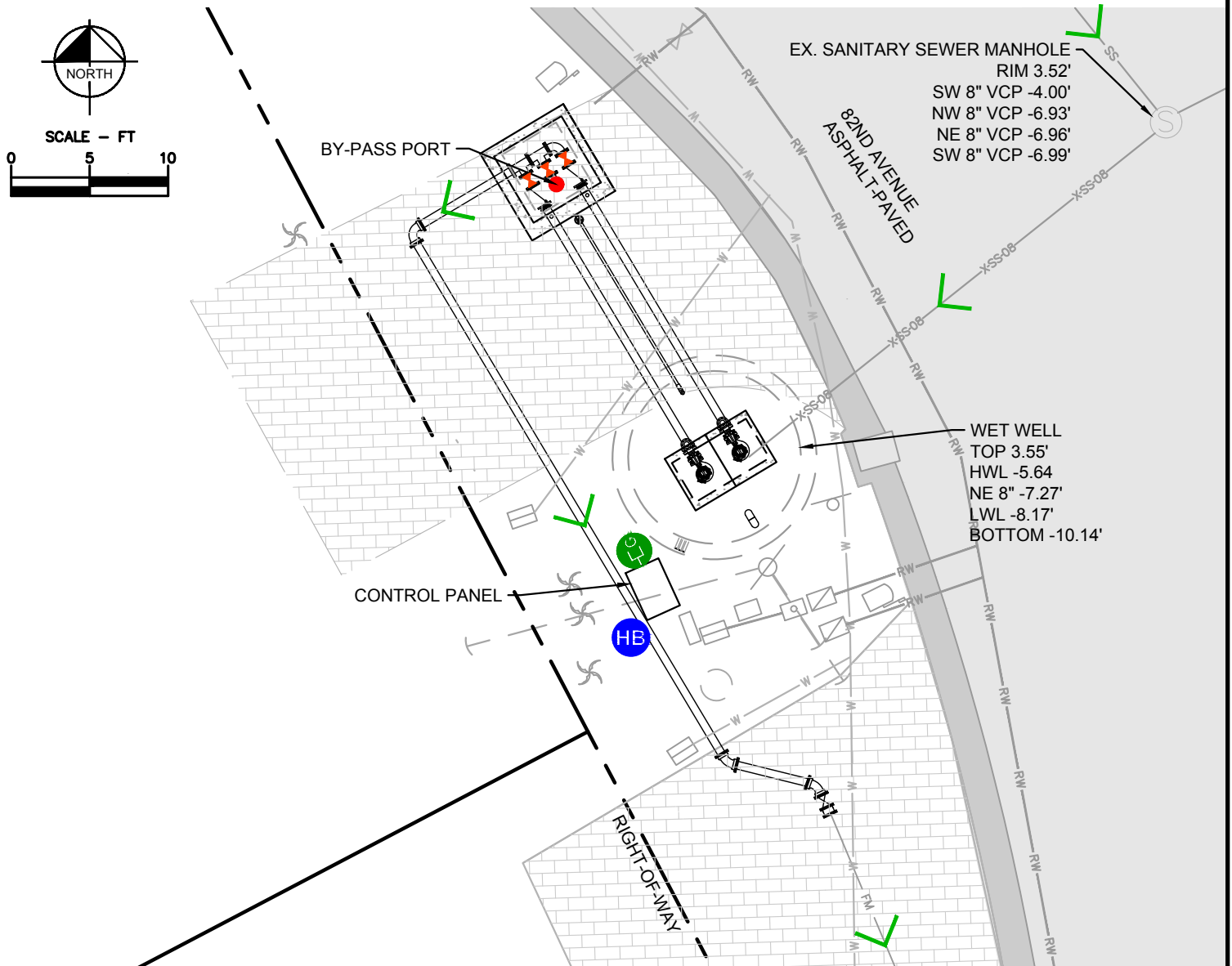
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2014
EST. YEAR OF PUMP OVERHAUL	2024
NUMBER OF PUMPS	2
DESIGN POINT	410 GPM @ 17.6 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 9 EXHIBIT

FID: LS009



Kimley»Horn

MAY 2021

NEAREST ADDRESS:
7398 SUNSET WAY
ST. PETE BEACH, FL 33706

WET WELL DEPTH	15 FT
WET WELL DIAMETER	12 FT
APPROX. WET WELL STORAGE*	7,050 GAL

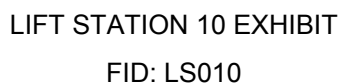
*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN SIZE/MATERIAL	8-IN CIP, 8-IN DIP
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

PUMP MODEL & HP	FLYGT NP 3153/12 HP
YEAR OF PUMP INSTALLATION	2021
EST. YEAR OF PUMP OVERHAUL	2031
NUMBER OF PUMPS	2
DESIGN POINT	780 GPM @ 36 FT TDH
IMPELLER DIAMETER	194 MM

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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Page 143 of 275

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 82ND AVE.
ST. PETE BEACH, FL 33706

LIFT STATION 11 INFORMATION EXHIBIT

NEAREST ADDRESS:
490 82ND AVE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	14.6 FT
WET WELL DIAMETER	11 FT
APPROX. WET WELL STORAGE*	10,023 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN CIP
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

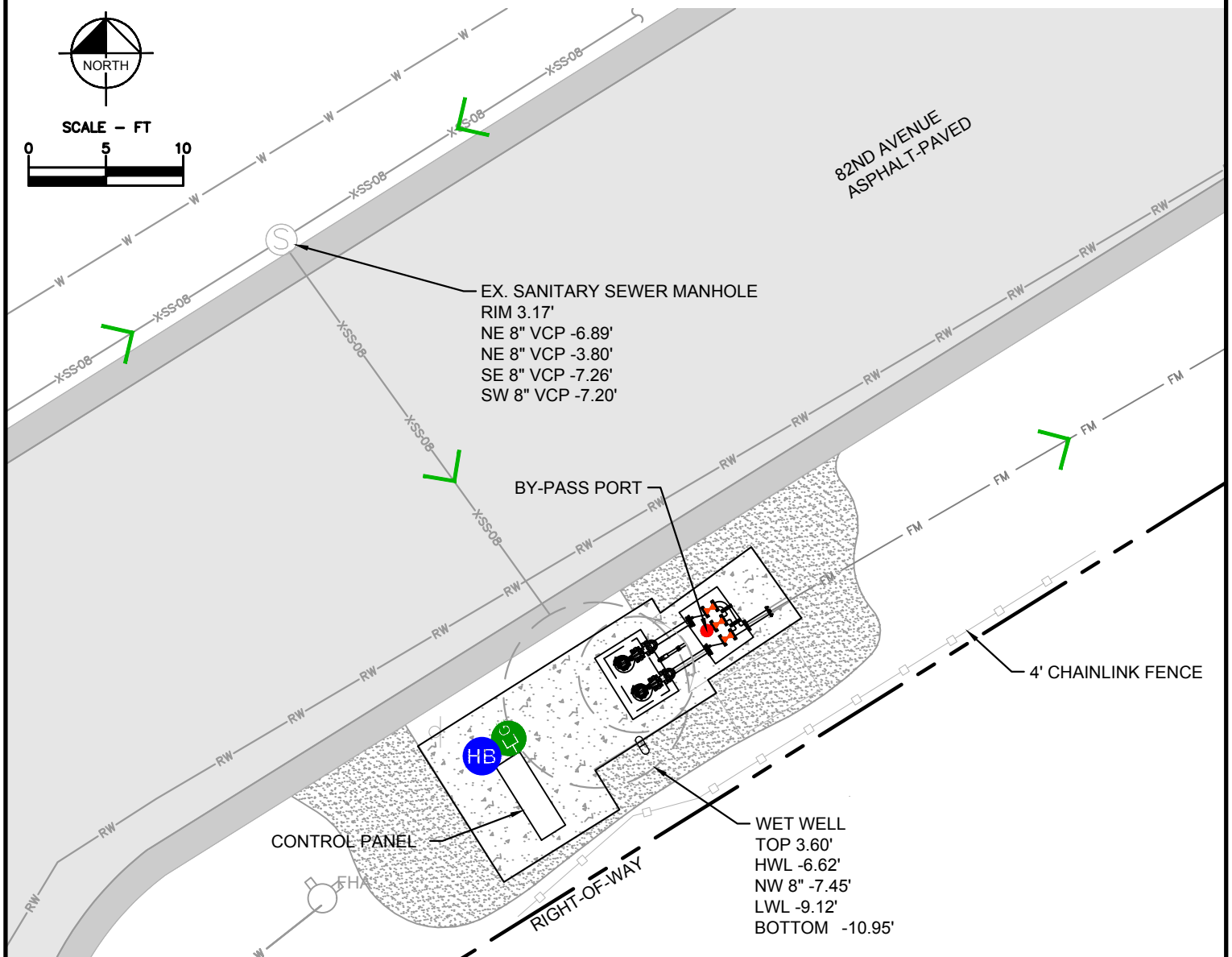
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2020
EST. YEAR OF PUMP OVERHAUL	2030
NUMBER OF PUMPS	2
DESIGN POINT	280 GPM @ 23 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 11 EXHIBIT

FID: LS011



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 93RD AVENUE
ST. PETE BEACH, FL 33706

LIFT STATION 12 INFORMATION EXHIBIT

NEAREST ADDRESS:
401 93RD AVENUE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	16 FT
WET WELL DIAMETER	11 FT
APPROX. WET WELL STORAGE*	10,024 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	8-IN CIP
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

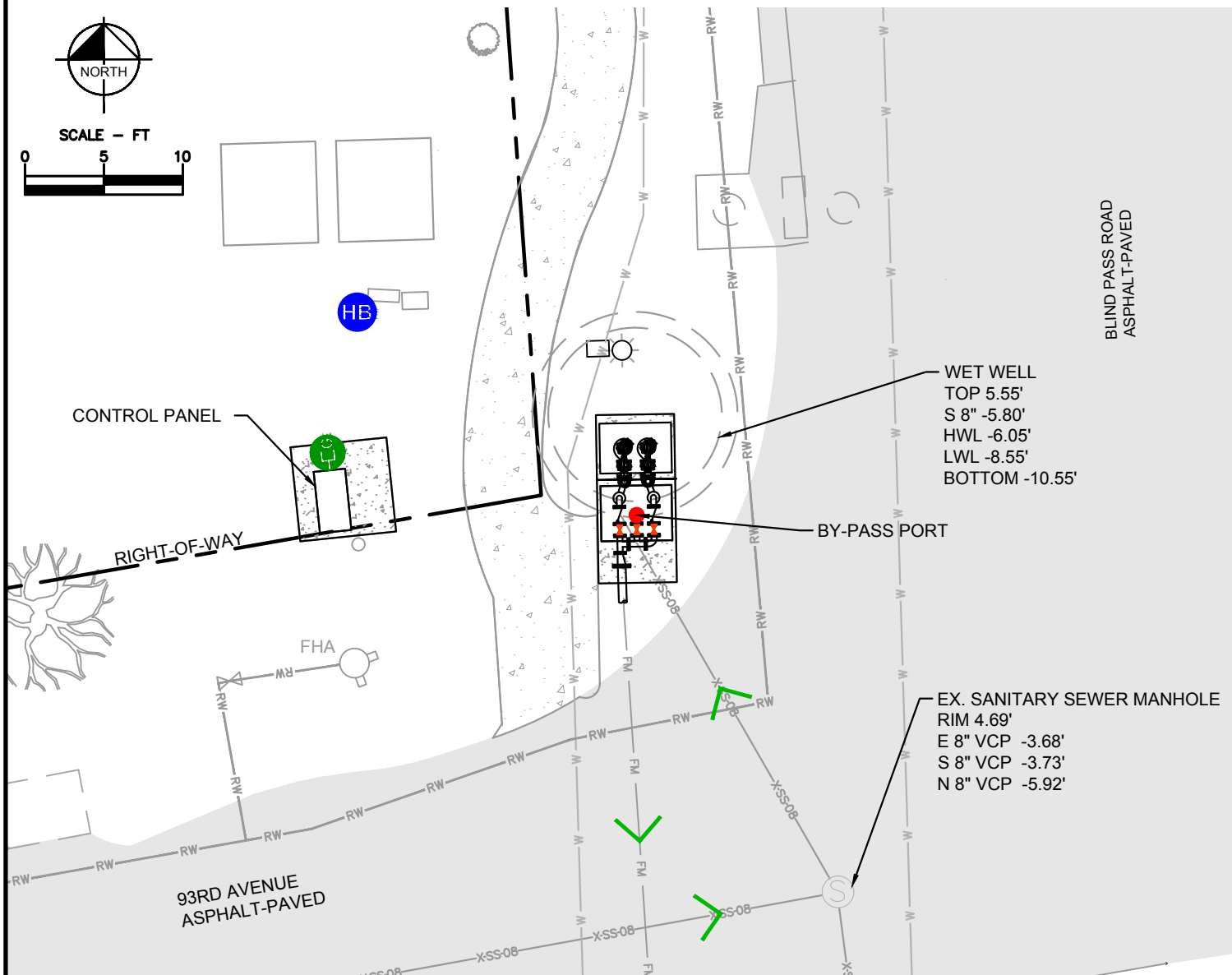
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2014
EST. YEAR OF PUMP OVERHAUL	2024
NUMBER OF PUMPS	2
DESIGN POINT	390 GPM @ 18.4 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 12 EXHIBIT
FID: LS012



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 PALI WAY
ST. PETE BEACH, FL 33706

LIFT STATION 13 INFORMATION EXHIBIT

APPROXIMATE ADDRESS:
5411 PALI WAY
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	15 FT
WET WELL DIAMETER	12 FT
APPROX. WET WELL STORAGE*	8,964 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	4-IN CIP
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

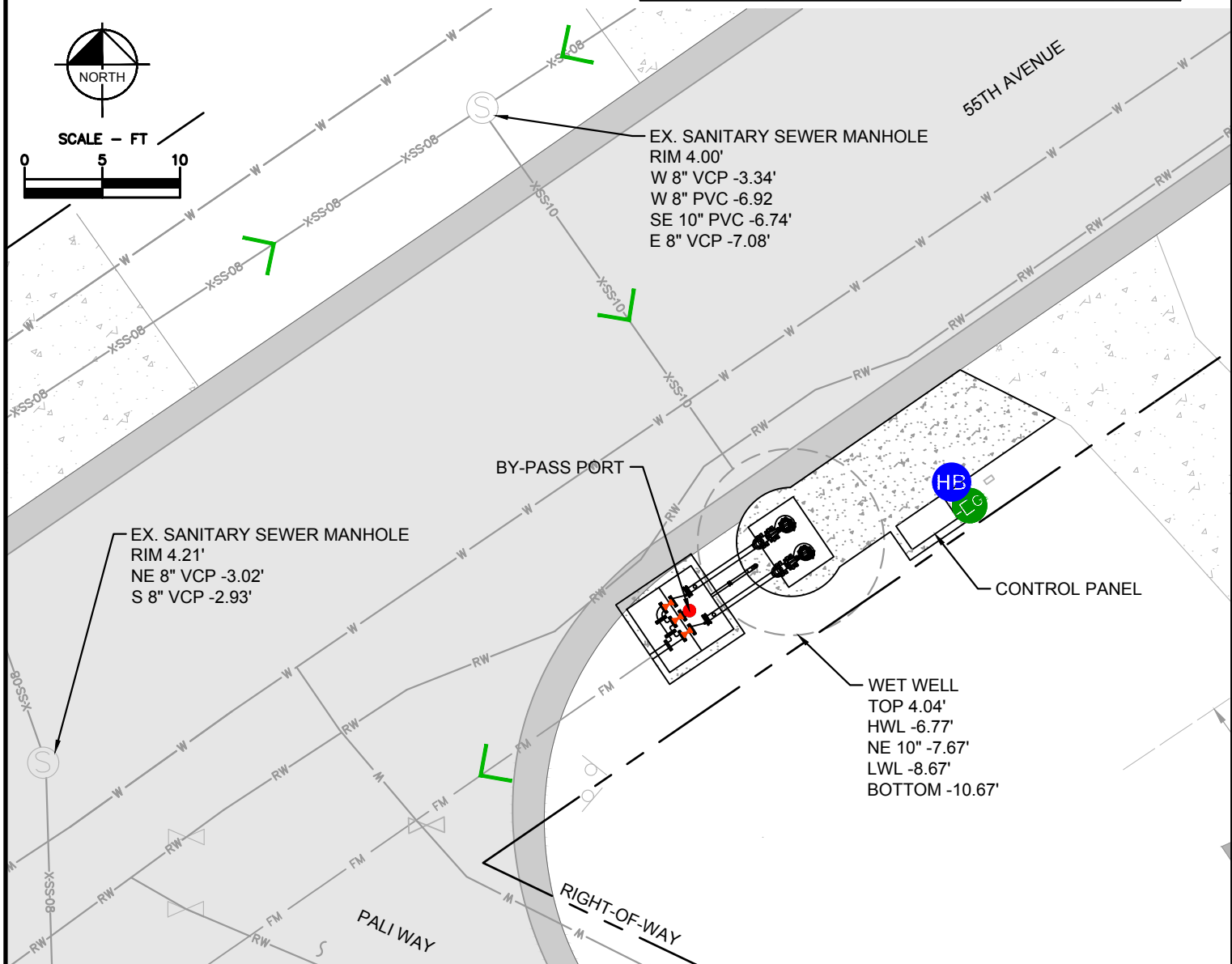
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2020
EST. YEAR OF PUMP OVERHAUL	2030
NUMBER OF PUMPS	2
DESIGN POINT	220 GPM 26 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 13 EXHIBIT
FID: LS013



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 64TH AVENUE
ST. PETE BEACH, FL 33706

LIFT STATION 14 INFORMATION EXHIBIT

APPROXIMATE ADDRESS:
500 64TH AVENUE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	17.6 FT
WET WELL DIAMETER	11 FT
APPROX. WET WELL STORAGE*	11,054 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN CIP
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

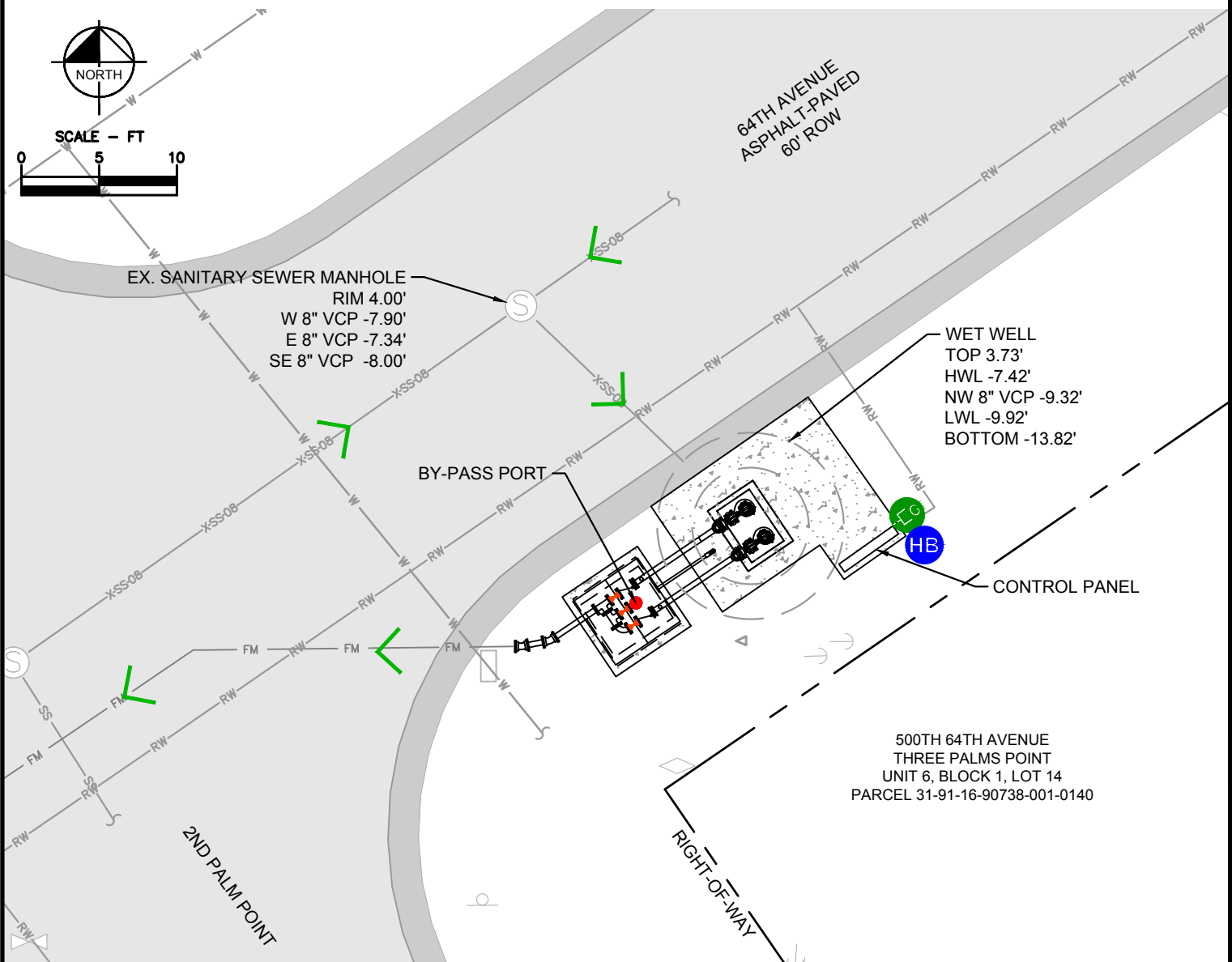
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2020
EST. YEAR OF PUMP OVERHAUL	2030
NUMBER OF PUMPS	2
DESIGN POINT	300 GPM 34 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 14 EXHIBIT
FID: LS014



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 59TH AVENUE
ST. PETE BEACH, FL 33706

LIFT STATION 15 INFORMATION EXHIBIT

NEAREST ADDRESS:
650 59TH AVENUE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	16.2 FT
WET WELL DIAMETER	5 FT
APPROX. WET WELL STORAGE*	2,085 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN CIP
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	0

LIFT STATION PUMPS

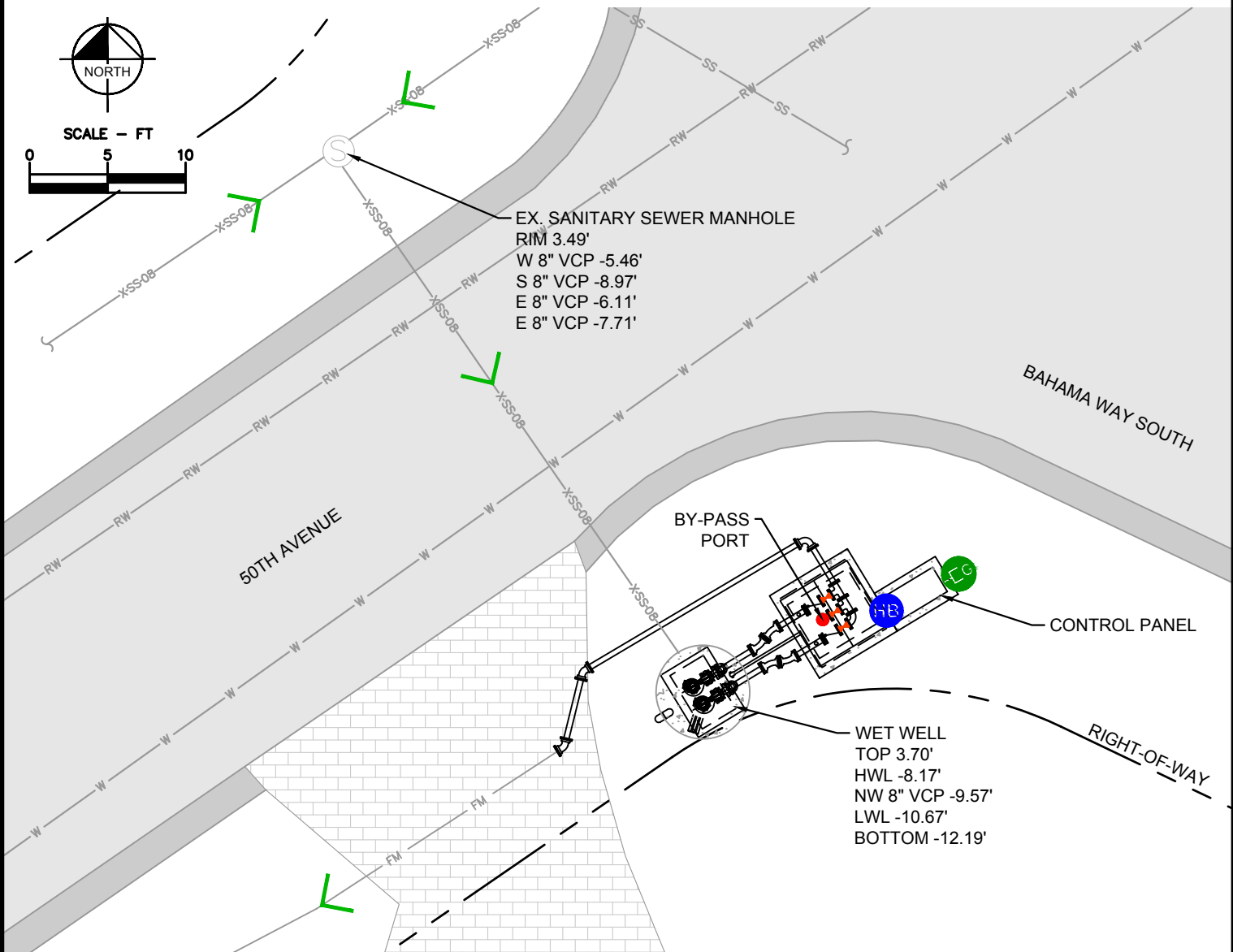
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2020
EST. YEAR OF PUMP OVERHAUL	2030
NUMBER OF PUMPS	2
DESIGN POINT	110 GPM 29 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 15 EXHIBIT
FID: LS015



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 MILLER DRIVE
ST. PETE BEACH, FL 33706

LIFT STATION 16 INFORMATION EXHIBIT

NEAREST ADDRESS:
4104 MILLER DRIVE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	16 FT
WET WELL DIAMETER	5 FT
APPROX. WET WELL STORAGE*	2,085 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	4-IN PVC, 6-IN HDPE
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	1

LIFT STATION PUMPS

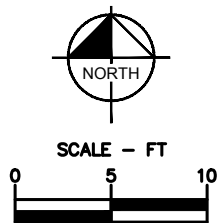
PUMP MODEL & HP	FLYGT NP 3102/ 5 HP
YEAR OF PUMP INSTALLATION	2017
EST. YEAR OF PUMP OVERHAUL	2027
NUMBER OF PUMPS	2
DESIGN POINT	138 GPM @ 31.5 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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WET WELL
TOP 5.88'
HWL -5.32'
S 8" -6.84'
S 8" -6.89'
LWL -7.82'
BOTTOM -10.32'

BY-PASS PORT

CONTROL PANEL

41ST AVENUE
ASPHALT-PAVED

EX. SANITARY SEWER MANHOLE
RIM 4.19'
N 8" VCP -5.87'
N 8" VCP -6.02'
NE 10" VCP -5.63'
S 8" VCP -5.05'
SE 8" VCP -4.91'
W 10" VCP -5.60'

LIFT STATION 16 EXHIBIT
FID: LS016



Kimley»Horn

MAY 2021

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
00 ALTON DRIVE
ST. PETE BEACH, FL 33706

LIFT STATION 17 INFORMATION EXHIBIT

NEAREST ADDRESS:
2910 ALTON DRIVE
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	17 FT
WET WELL DIAMETER	6 FT
APPROX. WET WELL STORAGE*	3,166 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	8-IN DIP
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	1

VFDs INSTALLED FOR CONVERSION TO 3-PHASE POWER

LIFT STATION PUMPS

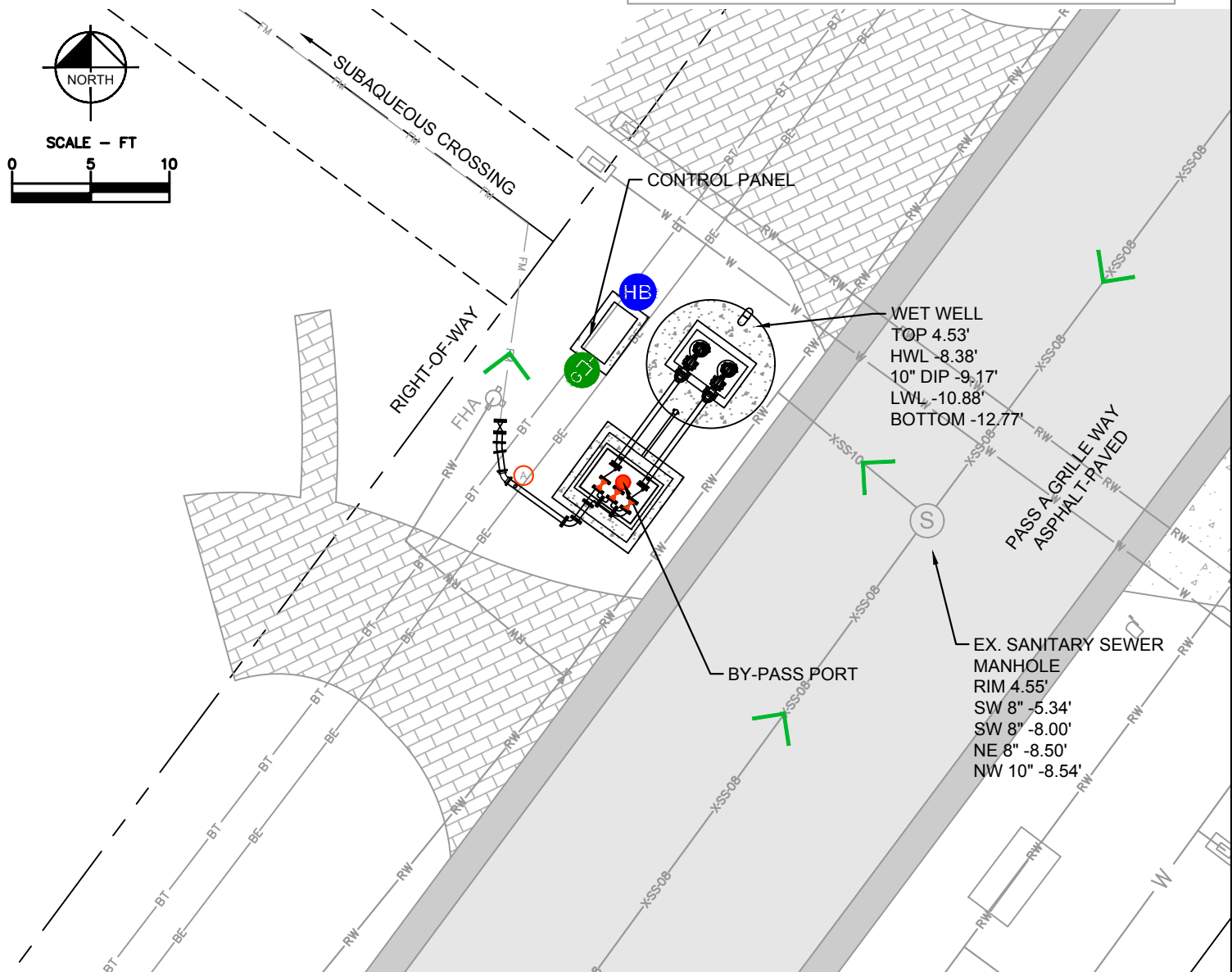
PUMP MODEL & HP	FLYGT NP 3102/5 HP
YEAR OF PUMP INSTALLATION	2020
EST. YEAR OF PUMP OVERHAUL	2030
NUMBER OF PUMPS	2
DESIGN POINT	240 GPM @ 25 FT TDH
IMPELLER DIAMETER	152 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	7-7.4 kW/ 240V 1 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 17 EXHIBIT
FID: LS017



Kimley»Horn

MAY 2021

NEAREST ADDRESS:
5800 GULF BOULEVARD
ST. PETE BEACH, FL 33706

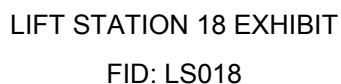
WET WELL DEPTH	18 FT
WET WELL DIAMETER	8 FT
APPROX. WET WELL STORAGE*	6,066 GAL

FORCE MAIN SIZE/MATERIAL	6-IN PVC
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	1

PUMP MODEL & HP	FLYGT NP 3153/12 HP
YEAR OF PUMP INSTALLATION	2022
EST. YEAR OF PUMP OVERHAUL	2032
NUMBER OF PUMPS	2
DESIGN POINT	320 GPM @ 23 FT TDH
IMPELLER DIAMETER	194 MM

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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Kimley»Horn

JANUARY 2023

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
5450 GULF BOULEVARD
ST. PETE BEACH, FL 33706

LIFT STATION 19 INFORMATION EXHIBIT

NEAREST ADDRESS:
5500 GULF BOULEVARD
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	22 FT
WET WELL DIAMETER	8 FT
APPROX. WET WELL STORAGE*	7,009 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN PVC
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	1

LIFT STATION PUMPS

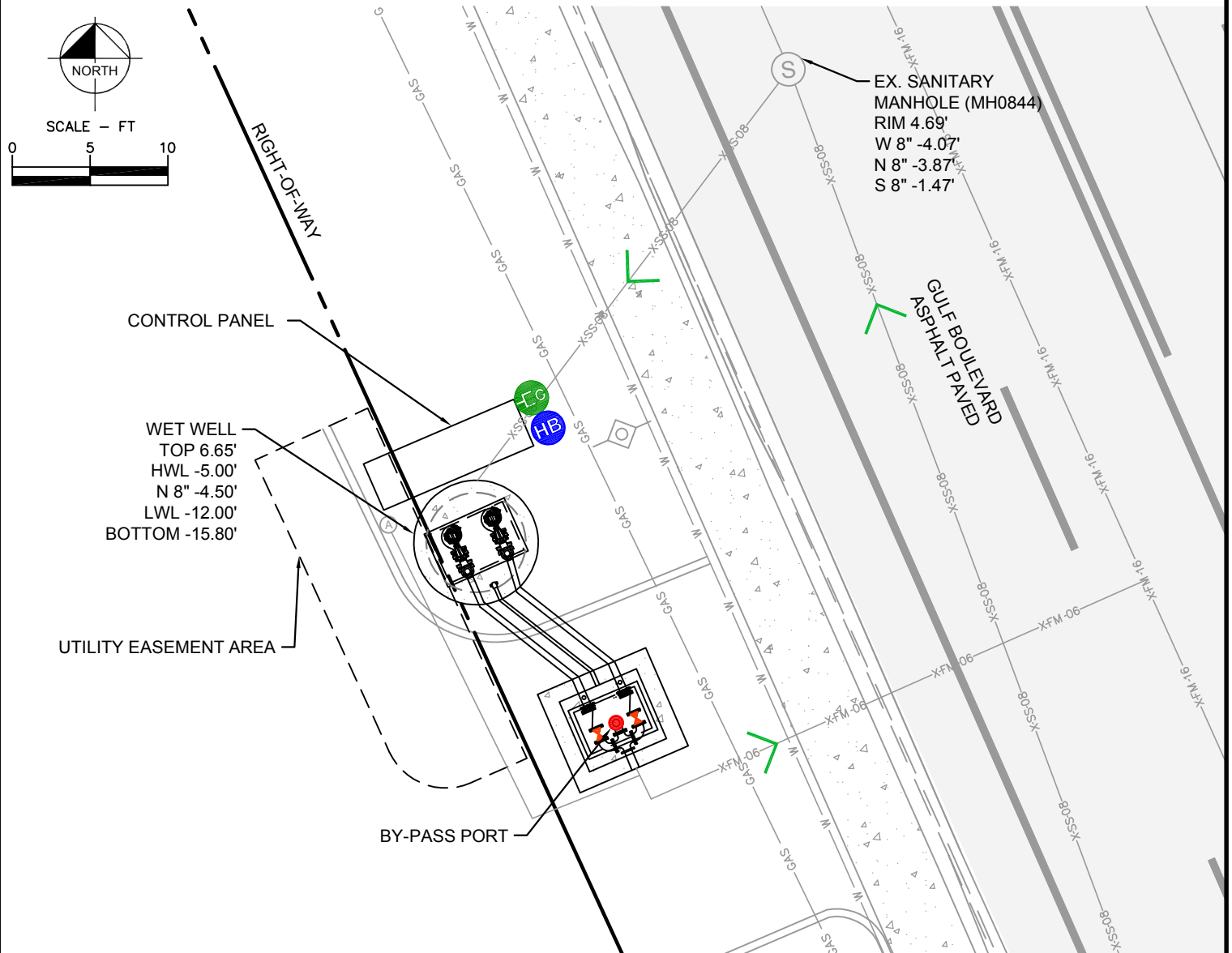
PUMP MODEL & HP	FLYGT NP 3153/15 HP
YEAR OF PUMP INSTALLATION	2022
EST. YEAR OF PUMP OVERHAUL	2032
NUMBER OF PUMPS	2
DESIGN POINT	200 GPM @ 32 FT TDH
IMPELLER DIAMETER	239 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 19 EXHIBIT
FID: LS019



Kimley»Horn

JANUARY 2023

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
5020 GULF BOULEVARD
ST. PETE BEACH, FL 33706

LIFT STATION 20 INFORMATION EXHIBIT

NEAREST ADDRESS:
5000 GULF BOULEVARD
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	23 FT
WET WELL DIAMETER	8 FT
APPROX. WET WELL STORAGE*	7,201 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN PVC
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	1

LIFT STATION PUMPS

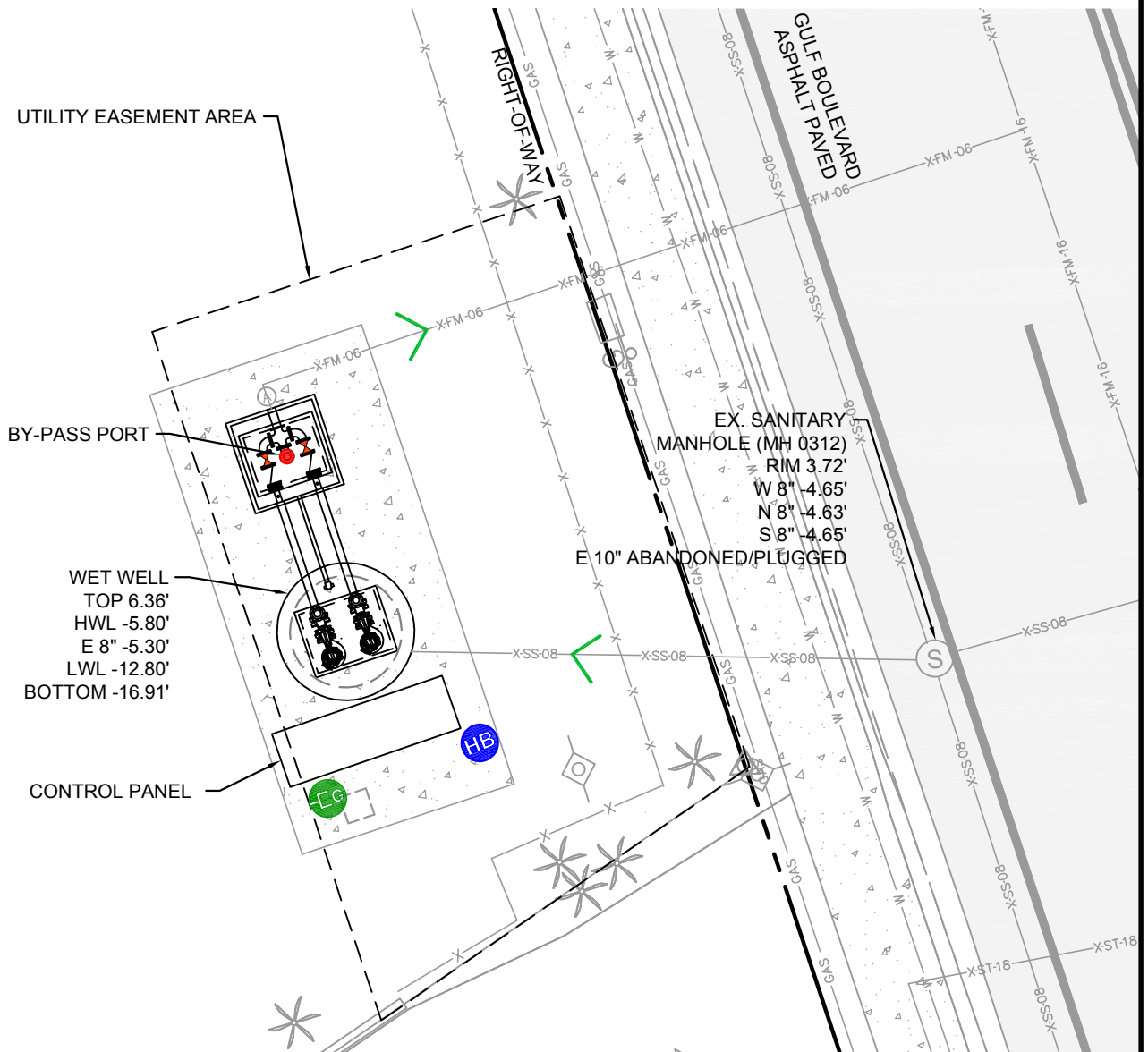
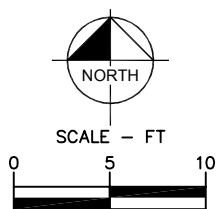
PUMP MODEL & HP	FLYGT NP 3153/15 HP
YEAR OF PUMP INSTALLATION	2022
EST. YEAR OF PUMP OVERHAUL	2032
NUMBER OF PUMPS	2
DESIGN POINT	470 GPM @ 38 FT TDH
IMPELLER DIAMETER	253 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 20 EXHIBIT
FID: LS020



Kimley»Horn

JANUARY 2023

SITE ADDRESS
(ELECTRICAL BILLING ADDRESS):
4400 GULF BOULEVARD
ST. PETE BEACH, FL 33706

LIFT STATION 21 INFORMATION EXHIBIT

NEAREST ADDRESS:
4350 GULF BOULEVARD
ST. PETE BEACH, FL 33706

WET WELL

WET WELL DEPTH	23 FT
WET WELL DIAMETER	8 FT
APPROX. WET WELL STORAGE*	6,994 GAL

*CALCULATED FROM LOW WATER LEVEL TO TOP OF WET WELL

FORCE MAIN

FORCE MAIN SIZE/MATERIAL	6-IN PVC
BY-PASS PORT SIZE	4-IN CAMLOCK
ARVS TO BE MAINTAINED	1

LIFT STATION PUMPS

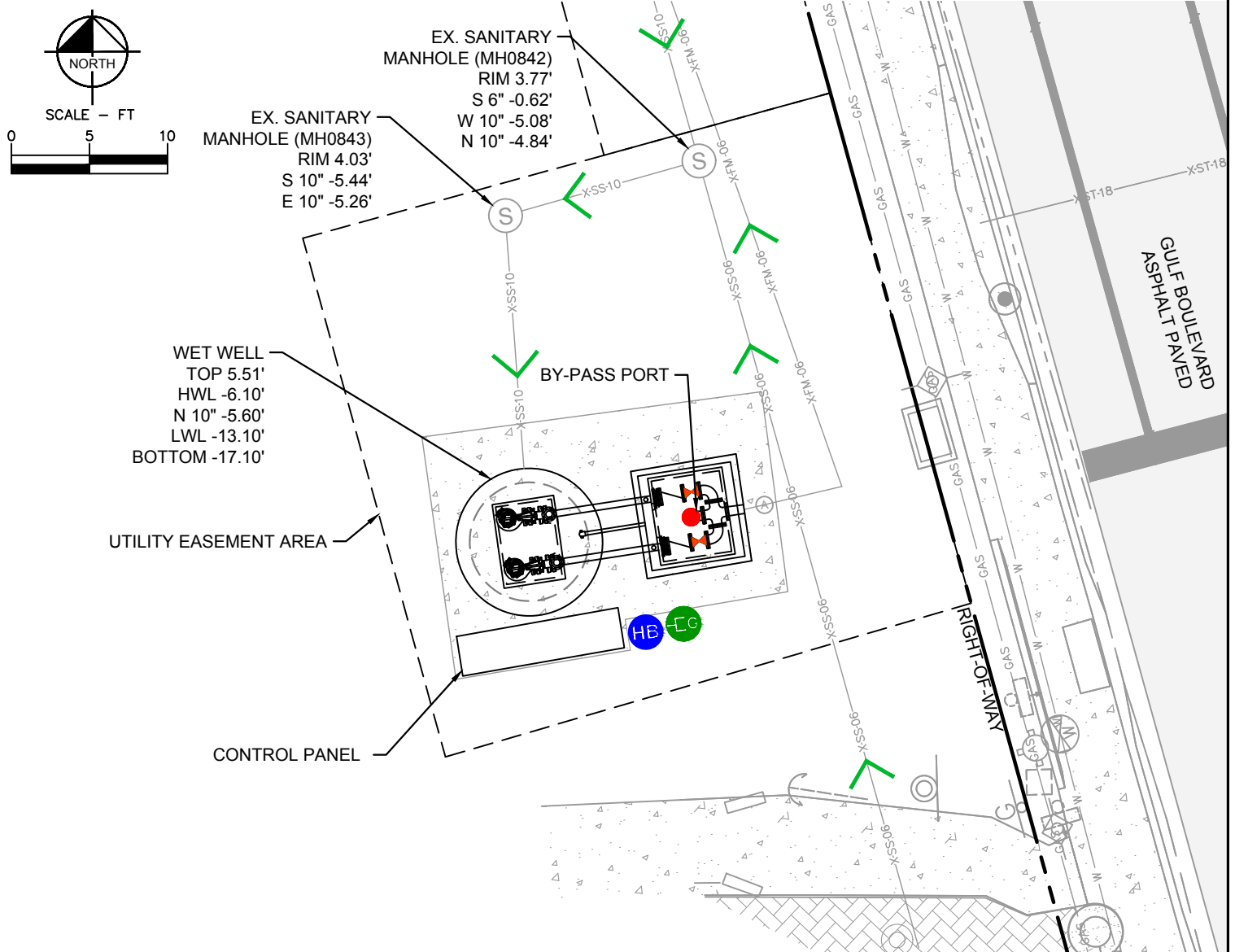
PUMP MODEL & HP	FLYGT NP 3153/15 HP
YEAR OF PUMP INSTALLATION	2022
EST. YEAR OF PUMP OVERHAUL	2032
NUMBER OF PUMPS	2
DESIGN POINT	160 GPM @ 37 FT TDH
IMPELLER DIAMETER	239 MM

PORTABLE GENERATOR - PLUG OUTLET

GENERATOR TYPE	20 kW/ 240 V 3 PH
FUEL TYPE	DIESEL

BY-PASS PUMP REQUIRED

PUMP TYPE	4-IN DIESEL SELF PRIMING PUMP
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LIFT STATION 21 EXHIBIT
FID: LS0021



Kimley»Horn

JANUARY 2023

APPENDIX D: Current Value of Assets

Resolution 2023-01 Exhibit A							
DEPARTMENT	ASSET	DESCRIPTION	ACQUIRED	BEGINNING BALANCE	ADDITIONS & IMPROVEMENTS	DISPOSALS	ADJUSTED C
6107 - WASTE WATER	0203	PROPERTY @ 8665 BC DR	1/29/04	310,117.21	0.00	0.00	310,117
		ACCOUNT TOTAL 161900 - LAND		310,117.21	0.00	0.00	310,117
0866		LIFT STATION #10	2/15/12	129,409.00	0.00	0.00	129,409
		ACCOUNT TOTAL 162900 - BLDGS & IMPROVEMENTS		129,409.00	0.00	0.00	129,409
0390		4in SEWER LINES	7/01/57	34,939.00	0.00	0.00	34,939
0391		6in SEWER LINES	7/01/57	299,242.00	0.00	0.00	299,242
0392		8in SEWER LINES	7/01/57	30,141.00	0.00	0.00	30,141
0393		10in SEWER LINES	7/01/57	49,151.00	0.00	0.00	49,151
0394		14in SEWER LINES	7/01/57	57,851.00	0.00	0.00	57,851
0395		18in SEWER LINES	7/01/57	485,236.00	0.00	0.00	485,236
0396		24in SEWER LINES	7/01/57	533,998.00	0.00	0.00	533,998
0398		LIFT STATION 2	7/01/57	75,500.00	0.00	0.00	75,500
0399		LIFT STATION 3	7/01/57	77,112.00	0.00	0.00	77,112
0400		LIFT STATION 4	7/01/57	8,900.00	0.00	0.00	8,900
0401		LIFT STATION 5	7/01/57	8,900.00	0.00	0.00	8,900
0402		LIFT STATION 6	7/01/57	8,900.00	0.00	0.00	8,900
0403		LIFT STATION 7	7/01/57	11,500.00	0.00	0.00	11,500
0404		LIFT STATION 8	7/01/57	8,900.00	0.00	0.00	8,900
0405		LIFT STATION 9	7/01/57	8,900.00	0.00	0.00	8,900
0406		LIFT STATION 10	7/01/57	8,900.00	0.00	0.00	8,900
0407		LIFT STATION 11	7/01/57	8,900.00	0.00	0.00	8,900
0408		LIFT STATION 12	7/01/57	8,900.00	0.00	0.00	8,900
0409		LIFT STATION 13	7/01/57	55,200.00	0.00	0.00	55,200
0410		LIFT STATION 14	7/01/57	49,200.00	0.00	0.00	49,200
0411		LIFT STATION 15	7/01/57	7,950.00	0.00	0.00	7,950

FUND: 101 - SEWER REVENUE FUND

DETAIL - BY FUND

DEPARTMENT	Resolution 2023-01 Exhibit A			ADDITIONS &			
ASSET	DESCRIPTION	ACQUIRED	BEGINNING	BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED C
6107 - WASTE WATER - CONTINUED							
0412	LIFT STATION 16	7/01/57		7,950.00	0.00	0.00	7,950.00
0413	LIFT STATION 17	7/01/57		8,270.00	0.00	0.00	8,270.00
0414	LS 12 MODIFICATIONS	4/19/89		31,701.00	0.00	0.00	31,701.00
0415	LS 12 MODIFICATIONS	5/16/89		7,533.00	0.00	0.00	7,533.00
0416	LIFT STATION LINERS	6/28/89		46,730.00	0.00	0.00	46,730.00
0417	LS5 WORK	4/09/90		36,506.25	0.00	0.00	36,506.25
0418	FORCE MAIN REPLACEMENT	4/16/90		177,957.30	0.00	0.00	177,957.30
0419	CONTRACT WORK-LS5	5/17/90		3,750.00	0.00	0.00	3,750.00
0421	ELECTRIC UPGRADE-LS17	9/30/90		11,293.94	0.00	0.00	11,293.94
0422	STRUCTURE UPGRADE-LS17	9/30/95		79,949.13	0.00	0.00	79,949.13
0424	MANHOLE ADJUSTMENTS	7/03/00		28,377.04	0.00	0.00	28,377.04
0425	I/I SEWERS-FY00	9/29/00		40,187.17	0.00	0.00	40,187.17
0426	79TH AVE FORCE MAIN	2/01/01		100,984.83	0.00	0.00	100,984.83
0427	I/I SEWER-FY01	1/02/01		12,045.06	0.00	0.00	12,045.06
0428	UTILITY RELOCATION-BP-	3/31/03		141,913.67	0.00	0.00	141,913.67
0429	UTILITY RELOCATION-BP-	2/01/01		705,824.82	0.00	0.00	705,824.82
0430	UTILITY RELOCATION-BP-	10/01/03		101,894.16	0.00	0.00	101,894.16
0431	MANHOLE ADJUSTMENTS-FY	6/15/01		9,747.00	0.00	0.00	9,747.00
0434	SEWER I&I-FY03	6/02/03		88,283.52	0.00	0.00	88,283.52
0435	SEWER I&I-FY04	7/01/04		73,702.73	0.00	0.00	73,702.73
0436	FORCE MAIN REPLACEMENT	3/24/04		34,760.43	0.00	0.00	34,760.43
0437	MASTER PUMP STATION-FY	6/01/04		177,699.76	0.00	0.00	177,699.76
0560	BP RD UTILITY RELOCATI	3/31/05		15,286.60	0.00	0.00	15,286.60
0561	MASTER PUMP STATION	3/31/05		298,028.07	0.00	0.00	298,028.07
0562	SEWER I & I-FY05	3/31/05		211,541.17	0.00	0.00	211,541.17

FUND: 101 - SEWER REVENUE FUND

DETAIL - BY FUND

DEPARTMENT	Resolution 2023-01 Exhibit A				ADDITIONS &		
ASSET	DESCRIPTION	ACQUIRED	BEGINNING	BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED C
6107 - WASTE WATER - CONTINUED							
0563	FORCE MAIN REPLACEMENT	3/31/05		14,072.00	0.00	0.00	14,072.00
0564	STREET REHABILITATION-	3/31/05		367,077.26	0.00	0.00	367,077.26
0567	MASTER LIFT STATION	3/31/05		73,081.05	0.00	0.00	73,081.05
0617	SEWER I&I REPAIRS-FY06	3/31/06		38,814.80	0.00	0.00	38,814.80
0618	MASTER PUMP STATION-FY	3/31/06		1,662,164.75	0.00	0.00	1,662,164.75
0619	SEWER I&I REPAIRS-FY06	3/31/06		70,122.49	0.00	0.00	70,122.49
0620	FORCE MAIN REPLACEMENT	3/31/06		2,760.79	0.00	0.00	2,760.79
0622	SEWER I&I REPAIRS-FY06	3/31/06		2,200.00	0.00	0.00	2,200.00
0649	MASTER LIFT STATION-FY	3/15/06		12,870.19	0.00	0.00	12,870.19
0692	MASTER PUMP STATION-FY	7/01/07		1,310,417.58	0.00	0.00	1,310,417.58
0693	SEWER I&I REPAIRS-FY07	7/01/07		65,700.00	0.00	0.00	65,700.00
0728	MASTER PUMP STATION-FY	3/06/08		431,623.66	0.00	0.00	431,623.66
0760	LS7 Rehab/Repairs-FY10	8/31/09		19,958.00	0.00	0.00	19,958.00
0790	LS7-REPAIRS/REHAB	6/14/10		134,944.99	0.00	0.00	134,944.99
0791	MP STA-1-EVAL	6/01/11		294,838.47	0.00	0.00	294,838.47
0792	SEWER I&I	11/16/09		98,665.60	0.00	0.00	98,665.60
0806	SEWER I&I	5/31/11		7,470.19	0.00	0.00	7,470.19
0812	LS REHABILITATION	8/12/11		1,139,557.15	0.00	0.00	1,139,557.15
0841	MANHOLE REPLACEMENT -	11/14/11		57,406.72	0.00	0.00	57,406.72
0867	SEWER I & I	5/18/12		397,928.15	0.00	0.00	397,928.15
0870	SEWER I & I FOR 2013	2/15/13		41,221.40	0.00	0.00	41,221.40
0888	Engineering/Sta. 1 Pum	7/31/13		991,268.94	0.00	0.00	991,268.94
0897	LS # 2	11/14/13		1,943,515.57	0.00	0.00	1,943,515.57
0898	Force Main # 3 R & R	3/31/14		805,705.87	0.00	0.00	805,705.87
0918	PUMP STATION 3 DESIGN/	12/30/14		1,298,974.95	0.00	0.00	1,298,974.95

DEPARTMENT	Resolution 2023-01 Exhibit A				ADDITIONS &		
ASSET	DESCRIPTION	ACQUIRED	BEGINNING	BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED C
6107 - WASTE WATER - CONTINUED							
0938	PASS-A-GRILLE WAY RECO	9/30/14		153,869.00	0.00	0.00	153,869
0951	LIFT STATION # 8	12/31/15		239,267.36	0.00	0.00	239,267
0957	SEWER I & I 2016	3/31/15		103,940.48	0.00	0.00	103,940
0975	FY2017 SEWER I & I	10/28/16		1,878,584.74	0.00	0.00	1,878,584
0979	LIFT STATION # 16	7/31/16		337,855.32	0.00	0.00	337,855
0989	VALVE VAULT REPAIR	12/31/16		29,074.00	0.00	0.00	29,074
1012	FY18 SEWER I & I	11/30/17		1,171,900.71	0.00	0.00	1,171,900
1017	VALVE VAULT REPAIR FY1	11/30/17		41,192.30	0.00	0.00	41,192
1019	SUB-AQUEOUS FY18	11/30/17		188,303.38	0.00	0.00	188,303
1023	LIFT STATION R&R FY18	1/31/18		45,644.00	0.00	0.00	45,644
1040	SEWER EXPANSION NORTH	4/30/18		447,279.35	0.00	0.00	447,279
1068	LIFT STATION R&R FY19	11/30/18		41,802.17	0.00	0.00	41,802
1069	FY19 SEWER I&I	5/24/19		550,585.99	0.00	0.00	550,585
1070	VALVE VAULT REPAIR FY1	5/14/19		429,557.24	0.00	0.00	429,557
1108	FY20 pipeline manhole	12/19/19		39,530.00	0.00	0.00	39,530
1109	Force Main 16	12/19/19		139,919.62	0.00	0.00	139,919
1110	Force main 9	12/19/19		219,130.73	0.00	0.00	219,130
1116	LIFT STATION #14 REHAB	11/27/19		259,780.60	0.00	0.00	259,780
1118	LS 7 & 17 REHAB	12/19/19		30,000.00	0.00	0.00	30,000
1127	C/O #15 G&R I&I - PAGW	11/26/19		25,167.82	0.00	0.00	25,167
1129	MH Replacements - FY20	4/27/20		4,950.00	0.00	0.00	4,950
1130	2141 E Vina Del Mar	4/27/20		21,188.75	0.00	0.00	21,188
1131	SEWER I & I improvemen	4/27/20		160,660.74	0.00	0.00	160,660
1154	PS 1 Capacity & Alte	5/26/20		67,153.21	0.00	0.00	67,153
1155	SOUTH FORCEMAIN EXT	5/26/20		88,908.00	0.00	0.00	88,908

FUND: 101 - SEWER REVENUE FUND

DETAIL - BY FUND

DEPARTMENT	Resolution 2023-01 Exhibit A			ADDITIONS & IMPROVEMENTS		
ASSET	DESCRIPTION	ACQUIRED	BEGINNING BALANCE		DISPOSALS	ADJUSTED C
6107 - WASTE WATER - CONTINUED						
1167	GULF BLVD & 75TH AVE I	6/11/20	39,324.50	0.00	0.00	39,324
1189	58TH AVE & GULF BLVD	9/30/20	91,527.75	0.00	0.00	91,527
1190	8600 BOCA CIEGA ISLE D	9/30/20	16,102.25	0.00	0.00	16,102
1226	LIFT STATION 7 REHAB	9/25/20	3,875.00	0.00	0.00	3,875
1227	LIFT STATION 11 REHAB	9/15/20	236,440.73	0.00	0.00	236,440
1228	LS 13 REHAB	12/10/19	320,403.60	0.00	0.00	320,403
1229	LS 15 REHAB	4/21/20	271,766.20	0.00	0.00	271,766
1230	LS 17 REHAB	6/09/20	342,726.91	0.00	0.00	342,726
1246	PS 1 Capacity & Alte	12/07/20	18,448.13	0.00	0.00	18,448
1247	REHAB OF LS#7	12/07/20	5,625.00	0.00	0.00	5,625
1262	I&I PIPE LINING FY21	4/26/21	408,131.45	0.00	0.00	408,131
1271	COQUINA WAY MANHOLE IN	12/16/20	20,583.25	0.00	0.00	20,583
1272	FY21 WW I&I	11/20/20	64,916.00	0.00	0.00	64,916
1286	PUMP STATION 7 REHAB	5/24/21	228,498.82	0.00	0.00	228,498
1288	NEW MANHOLE @ COQUINA	2/10/21	57,942.25	0.00	0.00	57,942
1326	FORCE MAIN 1 FM #1	7/21/21	28,926.48	0.00	0.00	28,926
ACCOUNT TOTAL 164900 - INFRASTRUCTURE			24,442,981.05	0.00	0.00	24,442,981
1202	ASSET MANAGEMENT AND M	3/03/20	42,935.31	5,395.36	0.00	48,330
ACCOUNT TOTAL 164930 - INTANGIBLES			42,935.31	5,395.36	0.00	48,330
0183	CL2 SAMPLER	7/15/92	2,784.00	0.00	0.00	2,784
0191	PRO GUARD 3-WAY RECVY	12/01/98	3,238.00	0.00	0.00	3,238
0195	PUMP HYDROMATIC SH300M	9/28/99	3,044.00	0.00	0.00	3,044
0196	PUMP HYDROMATIC SH300M	9/28/99	3,044.00	0.00	0.00	3,044
0544	HDYDRO SUBMERSIBLE PUM	3/31/05	3,504.00	0.00	0.00	3,504
0545	HYDRO SUBMERSIBLE PUMP	3/31/05	3,504.00	0.00	0.00	3,504

DEPARTMENT	Resolution 2023-01 Exhibit A				ADDITIONS &		
ASSET	DESCRIPTION	ACQUIRED	BEGINNING	BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED C
6107 - WASTE WATER - CONTINUED							
0546	HYDRO SUBMERSIBLE PUMP	3/31/05		3,504.00	0.00	0.00	3,504.00
0603	2006 FORD E-350 BOXVAN	8/10/06		28,830.00	0.00	0.00	28,830.00
0607	HYDROMATIC PUMP	4/12/06		3,847.00	0.00	0.00	3,847.00
0608	HYDROMATIC PUMP	4/12/06		3,847.00	0.00	0.00	3,847.00
0621	TV CAMERA/DIGITAL RECO	3/31/06		41,930.00	0.00	0.00	41,930.00
0677	HYDROMATIC PUMP	6/27/07		3,880.00	0.00	0.00	3,880.00
0678	HYDROMATIC PUMP	6/27/07		3,880.00	0.00	0.00	3,880.00
0679	SERVER/LICENSES-INCODE	9/30/07		33,000.00	0.00	0.00	33,000.00
0716	JD FRONT END LOADER -	6/02/08		35,184.39	0.00	0.00	35,184.39
0717	3HP HYD SUB PUMP 6.75	1/10/08		3,909.00	0.00	0.00	3,909.00
0718	3HP HYD SUB PUMP 6.75	1/10/08		3,909.00	0.00	0.00	3,909.00
0719	3HP HYD SUB PUMP 6.75	1/10/08		3,909.00	0.00	0.00	3,909.00
0721	INCODE WORK ORDER SYST	6/30/08		1,948.00	0.00	0.00	1,948.00
0753	HYDROMATIC PUMP-2	12/01/08		8,500.00	0.00	0.00	8,500.00
0761	WHEELED TRANSPORTER-FY	9/30/09		9,993.00	0.00	0.00	9,993.00
0803	SNAKE MACHINE/TRASH PM	4/15/11		3,413.42	0.00	0.00	3,413.42
0814	MP STATION 1 CONTROLS	9/01/11		6,450.00	0.00	0.00	6,450.00
0821	2012 FORD F350	9/30/11		45,787.00	0.00	0.00	45,787.00
0829	MINOLTA COPIER	9/01/11		1,421.14	0.00	0.00	1,421.14
0882	Utility Crane Truck W/	6/10/13		28,068.48	0.00	0.00	28,068.48
0900	SCADA System	4/25/14		62,728.92	0.00	0.00	62,728.92
0969	SEWER CHAIN CUTTER	6/10/16		5,224.00	0.00	0.00	5,224.00
0985	SEWER VAC TRUCK	2/24/16		356,843.25	0.00	0.00	356,843.25
1006	2017 FORD TRANS UTILIT	10/19/17		47,434.00	0.00	0.00	47,434.00
1026	FLOW MONITORING SYSTEM	11/30/17		31,225.00	0.00	0.00	31,225.00

FUND: 101 - SEWER REVENUE FUND

DETAIL - BY FUND

DEPARTMENT	Resolution 2023-01 Exhibit A			ADDITIONS &			
ASSET	DESCRIPTION	ACQUIRED	BEGINNING	BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED C
6107 - WASTE WATER - CONTINUED							
1033	GIS INFORMATION SYSTEM	3/20/18		106,925.81	0.00	0.00	106,925
1059	CAMERA SYSTEM	5/30/19		4,978.56	0.00	0.00	4,978
1067	TELEMETRY LIFT STATION	8/31/19		22,000.00	0.00	0.00	22,000
1136	GeneratoR MDG251F4 STD	4/21/20		29,600.00	0.00	0.00	29,600
1141	PANASONIC Toughbook 33	5/12/20		3,813.43	0.00	0.00	3,813
1143	Locator w/Carry case	2/10/20		3,057.60	0.00	0.00	3,057
1144	k-5208 DRAIN CLEANER U	2/10/20		3,092.53	0.00	0.00	3,092
1182	GODWIN DRI-PRIME CD100	7/13/20		50,539.35	0.00	0.00	50,539
1199	SCADA SYSTEM LS#14	2/03/20		69,954.10	0.00	0.00	69,954
ACCOUNT TOTAL 166900 - MACHINERY & EQUIPMENT				1,091,744.98	0.00	0.00	1,091,744
1008	SOUTHERN LATERALS @ 45	9/30/17		40,341.50	0.00	0.00	40,341
1018	SEWER EXPANSION SOUTH	12/04/17		723,117.42	0.00	0.00	723,117
1111	SS capacity improvemen	2/26/20		240,636.30	36,219.70	0.00	276,856
1122	CONSTR. OF SANITARY SE	5/11/20		108,215.49	23,975.00	0.00	132,190
1244	LS #4	12/07/20		32,314.80	9,795.69	0.00	42,110
1244A	RETAINAGE	9/30/21		3,771.33	0.00	0.00	3,771
1245	LS #10	12/07/20		290,058.24	65,339.37	0.00	355,397
1245A	RETAINAGE	9/30/21		27,628.37	0.00	0.00	27,628
1273	FORCE MAIN 8	11/20/20		37,809.00	3,483.00	0.00	41,292
1274	FORCE MAIN 1	6/21/21		5,589.30	2,794.65	0.00	8,383
1276	SANITARY SEWER CAPACIT	12/31/20		13,524,774.68	2,898,027.74	0.00	16,422,802
1276A	RETAINAGE	9/30/21		715,964.00	0.00	0.00	715,964
1336	SCADA SYSTEM FOR LIFT	12/23/20		1,973.50	0.00	0.00	1,973
1337	LIFT STATIONS R&R	9/30/21		33,942.01	170,285.68	0.00	204,227
ACCOUNT TOTAL 168900 - CONSTRUCTION IN PROCE				15,786,135.94	3,209,920.83	0.00	18,996,056

DEPARTMENT	Resolution 2023-01 Exhibit A				ADDITIONS & IMPROVEMENTS			DISPOSALS	ADJUSTED C
ASSET	DESCRIPTION	ACQUIRED	BEGINNING	BALANCE					
6107 - WASTE WATER - CONTINUED									
1353	3RD TRANSFORMER - LS 1	1/28/22		0.00		7,352.85		0.00	7,352
1354	LS #18 ELECTRICAL UPGR	2/01/22		0.00		7,247.21		0.00	7,247
1355	LS20 DELTA BANK ELECTR	2/01/22		0.00		7,276.53		0.00	7,276
1356	PS3 IMPROVEMENTS - HYD	2/15/22		0.00		52,690.70		0.00	52,690
	ACCOUNT TOTAL 6107-535-5632 - LIFT STATION R			0.00		74,567.29		0.00	74,567
1357	FY22 SEWER REHAB	1/14/22		0.00		71,134.00		0.00	71,134
1370	60TH AVE LINE REPLACEM	7/06/22		0.00		67,399.00		0.00	67,399
	ACCOUNT TOTAL 6107-535-5633 - I & I PROGRAM			0.00		138,533.00		0.00	138,533
1358	VALVE REPLACEMENT EMER	11/19/21		0.00		22,353.35		0.00	22,353
1359	Force Main 10 REPLACEM	11/19/21		0.00		42,109.00		0.00	42,109
1371	FORCE MAIN 8 PAY APP 1	2/16/22		0.00		365,874.00		0.00	365,874
	ACCOUNT TOTAL 6107-535-5635 - PUMP REPLACEME			0.00		430,336.35		0.00	430,336
1360	PS 1 REHAB PUMP STATIO	1/28/22		0.00		85,102.80		0.00	85,102
	ACCOUNT TOTAL 6107-535-5671 - PUMP STATION 1			0.00		85,102.80		0.00	85,102
DEPARTMENT TOTAL				41,803,323.49		3,943,855.63		0.00	45,747,179
GRAND TOTAL				41,803,323.49		3,943,855.63		0.00	45,747,179

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****

FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101 161900		310,117.21	0.00	0.00	310,117.21

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****

FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101 162900		129,409.00	0.00	0.00	129,409.00

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****					
FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101	164900	24,442,981.05	0.00	0.00	24,442,981.05

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****					
FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101	164930	42,935.31	5,395.36	0.00	48,330.67

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****

FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101 166900		1,091,744.98	0.00	0.00	1,091,744.98

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****

FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101 168900		15,786,135.94	3,209,920.83	0.00	18,996,056.77

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****

FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101 6107-535-5632		0.00	74,567.29	0.00	74,567.29

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****

FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101 6107-535-5633		0.00	138,533.00	0.00	138,533.00

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****

FUND ACCOUNT		BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101 6107-535-5635		0.00	430,336.35	0.00	430,336.35

Resolution 2023-01 Exhibit A

**** GL ACCOUNT TOTALS ****

FUND ACCOUNT	BEGINNING BALANCE	IMPROVEMENTS	DISPOSALS	ADJUSTED COST
101 6107-535-5671	0.00	85,102.80	0.00	85,102.80
TOTAL	41,803,323.49	3,943,855.63	0.00	45,747,179.12

SELECTION CRITERIA

~~Resolution 2023-01 Exhibit A~~

REPORT SELECTION

DATES RANGE: 10/01/2021 THRU 9/30/2022
FUNDS: Include: 101
CLASS: All
DEPARTMENTS: All
ASSETS: All
COMMENT CODES: All
ACCOUNTS: THRU ZZZZZZZZZZZZZZ
DEPRECIATION: Both

PRINT OPTIONS

LAYOUT: DETAIL - BY FUND
PAGE BREAK: NO
PRINT COMMENTS: NO

SEQUENCE: CLASS Resolution 2023-01 Exhibit A

ID	DESCRIPTION	FUND	DEPT	CLASS	ACQUIRED	LIFE	METHOD		
TOTAL COST	SALVAGE VALUE	RESERVE	PER.	DEPREC.	ADJ.	DEPREC.	ACC.	DEPREC.	NET VALUE

0866	LIFT STATION #10	101	6107	B & I	2/15/2012	360	SL		
129,409.00	0.00	35,881.46		4,384.08		0.00	40,265.54		89,143.46

CLASS TOTALS: B & I									
129,409.00	0.00	35,881.46		4,384.08		0.00	40,265.54		89,143.46
=====									
0717	3HP HYD SUB PUMP 6.7	101	6107	F & E	1/10/2008	240	SL		
3,909.00	0.00	2,492.21		195.42		0.00	2,687.63		1,221.37
0718	3HP HYD SUB PUMP 6.7	101	6107	F & E	1/10/2008	240	SL		
3,909.00	0.00	2,492.21		195.42		0.00	2,687.63		1,221.37
0719	3HP HYD SUB PUMP 6.7	101	6107	F & E	1/10/2008	240	SL		
3,909.00	0.00	2,492.21		195.42		0.00	2,687.63		1,221.37
0544	HDYDRO SUBMERSIBLE P	101	6107	F & E	3/31/2005	240	SL		
3,504.00	0.00	2,739.63		169.86		0.00	2,909.49		594.51
0545	HYDRO SUBMERSIBLE PU	101	6107	F & E	3/31/2005	240	SL		
3,504.00	0.00	2,739.63		169.86		0.00	2,909.49		594.51
0546	HYDRO SUBMERSIBLE PU	101	6107	F & E	3/31/2005	240	SL		
3,504.00	0.00	2,739.63		169.86		0.00	2,909.49		594.51
0969	SEWER CHAIN CUTTER	101	6107	F & E	6/10/2016	60	SL		
5,224.00	0.00	4,527.48		696.52		0.00	5,224.00		0.00
0985	SEWER VAC TRUCK	101	6107	F & E	2/24/2016	120	SL		
356,843.25	0.00	163,553.08		35,684.34		0.00	199,237.42		157,605.83
1006	2017 FORD TRANS UTIL	101	6107	F & E	10/19/2017	84	SL		
47,434.00	0.00	19,764.15		6,776.28		0.00	26,540.43		20,893.57
1026	FLOW MONITORING SYST	101	6107	F & E	11/30/2017	120	SL		
31,225.00	0.00	6,812.64		3,406.35		0.00	10,218.99		21,006.01
1033	GIS INFORMATION SYST	101	6107	F & E	3/20/2018	84	SL		
106,925.81	0.00	32,900.18		16,450.14		0.00	49,350.32		57,575.49
1059	CAMERA SYSTEM	101	6107	F & E	5/30/2019	60	SL		
4,978.56	0.00	1,327.66		995.70		0.00	2,323.36		2,655.20
1067	TELEMETRY LIFT STATI	101	6107	F & E	8/31/2019	240	SL		
22,000.00	0.00	1,191.71		1,100.04		0.00	2,291.75		19,708.25
1136	GeneratoR MDG251F4 S	101	6107	F & E	4/21/2020	120	SL		
29,600.00	0.00	1,233.35		2,960.04		0.00	4,193.39		25,406.61

PACKET: 00826 - FY21 FUND 101

POST DATE: 9/30/2021

SEQUENCE: CLASS Resolution 2023-01 Exhibit A

ID	DESCRIPTION	FUND	DEPT	CLASS	ACQUIRED	LIFE	METHOD		
TOTAL COST	SALVAGE VALUE	RESERVE	PER.	DEPREC.	ADJ.	DEPREC.	ACC.	DEPREC.	NET VALUE

1182	GODWIN DRI-PRIME CD1	101	6107	F & E	7/13/2020	240	SL		
50,539.35	0.00	631.74		2,526.96		0.00	3,158.70		47,380.65
1144	k-5208 DRAIN CLEANER	101	6107	F & E	2/10/2020	60	SL		
3,092.53	0.00	412.32		618.48		0.00	1,030.80		2,061.73
1143	Locator w/Carry case	101	6107	F & E	2/10/2020	60	SL		
3,057.60	0.00	407.68		611.52		0.00	1,019.20		2,038.40
1141	PANASONIC Toughbook	101	6107	F & E	5/12/2020	36	SL		
3,813.43	0.00	529.65		1,271.16		0.00	1,800.81		2,012.62
1199	SCADA SYSTEM LS#14	101	6107	F & E	2/03/2020	120	SL		
69,954.10	0.00	3,995.28		7,067.04		0.00	11,062.32		58,891.78

CLASS TOTALS: F & E									
756,926.63	0.00	252,982.44		81,260.41		0.00	334,242.85		422,683.78
=====									
0428	UTILITY RELOCATION-B	101	6107	INFRA	3/31/2003	480	SL		
141,913.67	0.00	60,930.56		3,599.28		0.00	64,529.84		77,383.83
0693	SEWER I&I REPAIRS-FY	101	6107	INFRA	7/01/2007	480	SL		
65,700.00	0.00	21,763.13		1,642.50		0.00	23,405.63		42,294.37
0561	MASTER PUMP STATION	101	6107	INFRA	3/31/2005	600	SL		
298,028.07	0.00	94,599.52		5,896.44		0.00	100,495.96		197,532.11
0437	MASTER PUMP STATION-	101	6107	INFRA	6/01/2004	600	SL		
177,699.76	0.00	59,794.95		3,502.08		0.00	63,297.03		114,402.73
0414	LS 12 MODIFICATIONS	101	6107	INFRA	4/19/1989	480	SL		
31,701.00	0.00	24,760.71		808.56		0.00	25,569.27		6,131.73
0415	LS 12 MODIFICATIONS	101	6107	INFRA	5/16/1989	480	SL		
7,533.00	0.00	5,874.72		191.34		0.00	6,066.06		1,466.94
0416	LIFT STATION LINERS	101	6107	INFRA	6/28/1989	480	SL		
46,730.00	0.00	36,384.88		1,182.30		0.00	37,567.18		9,162.82
0417	LS5 WORK	101	6107	INFRA	4/09/1990	480	SL		
36,506.25	0.00	27,634.20		933.90		0.00	28,568.10		7,938.15
0418	FORCE MAIN REPLACEME	101	6107	INFRA	4/16/1990	480	SL		
177,957.30	0.00	134,498.38		4,534.80		0.00	139,033.18		38,924.12
0419	CONTRACT WORK-LS5	101	6107	INFRA	5/17/1990	480	SL		
3,750.00	0.00	2,829.54		95.22		0.00	2,924.76		825.24

SEQUENCE: CLASS Resolution 2023-01 Exhibit A

ID	DESCRIPTION	FUND	DEPT	CLASS	ACQUIRED	LIFE	METHOD		
TOTAL COST	SALVAGE VALUE	RESERVE	PER.	DEPREC.	ADJ.	DEPREC.	ACC.	DEPREC.	NET VALUE

0421	ELECTRIC UPGRADE-LS1	101	6107	INFRA	9/30/1990	480	SL		
11,293.94	0.00	8,470.60		282.36		0.00	8,752.96		2,540.98
0422	STRUCTURE UPGRADE-LS	101	6107	INFRA	9/30/1995	480	SL		
79,949.13	0.00	49,968.11		1,998.72		0.00	51,966.83		27,982.30
0425	I/I SEWERS-FY00	101	6107	INFRA	9/29/2000	480	SL		
40,187.17	0.00	20,093.17		1,004.70		0.00	21,097.87		19,089.30
0426	79TH AVE FORCE MAIN	101	6107	INFRA	2/01/2001	480	SL		
100,984.83	0.00	50,180.37		2,498.58		0.00	52,678.95		48,305.88
0427	I/I SEWER-FY01	101	6107	INFRA	1/02/2001	480	SL		
12,045.06	0.00	5,994.62		298.80		0.00	6,293.42		5,751.64
0429	UTILITY RELOCATION-B	101	6107	INFRA	2/01/2001	480	SL		
705,824.82	0.00	350,729.60		17,463.72		0.00	368,193.32		337,631.50
0430	UTILITY RELOCATION-B	101	6107	INFRA	10/01/2003	600	SL		
101,894.16	0.00	34,643.49		2,037.87		0.00	36,681.36		65,212.80
0431	MANHOLE ADJUSTMENTS-	101	6107	INFRA	6/15/2001	480	SL		
9,747.00	0.00	4,659.28		246.18		0.00	4,905.46		4,841.54
0434	SEWER I&I-FY03	101	6107	INFRA	6/02/2003	480	SL		
88,283.52	0.00	37,774.81		2,228.28		0.00	40,003.09		48,280.43
0435	SEWER I&I-FY04	101	6107	INFRA	7/01/2004	480	SL		
73,702.73	0.00	30,860.11		1,803.90		0.00	32,664.01		41,038.72
0436	FORCE MAIN REPLACEME	101	6107	INFRA	3/24/2004	600	SL		
34,760.43	0.00	11,727.25		687.60		0.00	12,414.85		22,345.58
0560	BP RD UTILITY RELOCA	101	6107	INFRA	3/31/2005	600	SL		
15,286.60	0.00	4,851.73		302.46		0.00	5,154.19		10,132.41
0562	SEWER I & I-FY05	101	6107	INFRA	3/31/2005	480	SL		
211,541.17	0.00	83,746.72		5,216.10		0.00	88,962.82		122,578.35
0563	FORCE MAIN REPLACEME	101	6107	INFRA	3/31/2005	360	SL		
14,072.00	0.00	7,398.68		460.20		0.00	7,858.88		6,213.12
0564	STREET REHABILITATIO	101	6107	INFRA	3/31/2005	240	SL		
367,077.26	0.00	286,987.60		17,797.68		0.00	304,785.28		62,291.98
0567	MASTER LIFT STATION	101	6107	INFRA	3/31/2005	600	SL		
73,081.05	0.00	22,112.70		1,477.32		0.00	23,590.02		49,491.03
0617	SEWER I&I REPAIRS-FY	101	6107	INFRA	3/31/2006	480	SL		
38,814.80	0.00	14,070.11		970.38		0.00	15,040.49		23,774.31

SEQUENCE: CLASS Resolution 2023-01 Exhibit A

ID	DESCRIPTION	FUND	DEPT	CLASS	ACQUIRED	LIFE	METHOD		
TOTAL COST	SALVAGE VALUE	RESERVE	PER.	DEPREC.	ADJ.	DEPREC.	ACC.	DEPREC.	NET VALUE

0618	MASTER PUMP STATION-	101	6107	INFRA	3/31/2006	600	SL		
1,662,164.75	0.00	482,027.60		33,243.30		0.00		515,270.90	1,146,893.85
0619	SEWER I&I REPAIRS-FY	101	6107	INFRA	3/31/2006	480	SL		
70,122.49	0.00	25,419.61		1,753.08		0.00		27,172.69	42,949.80
0620	FORCE MAIN REPLACEME	101	6107	INFRA	3/31/2006	360	SL		
2,760.79	0.00	1,334.55		92.04		0.00		1,426.59	1,334.20
0622	SEWER I&I REPAIRS-FY	101	6107	INFRA	3/31/2006	480	SL		
2,200.00	0.00	797.02		54.99		0.00		852.01	1,347.99
0649	MASTER LIFT STATION-	101	6107	INFRA	3/15/2006	600	SL		
12,870.19	0.00	3,753.75		257.40		0.00		4,011.15	8,859.04
0692	MASTER PUMP STATION-	101	6107	INFRA	7/01/2007	600	SL		
1,310,417.58	0.00	347,260.76		26,208.36		0.00		373,469.12	936,948.46
0728	MASTER PUMP STATION-	101	6107	INFRA	3/06/2008	600	SL		
431,623.66	0.00	105,360.06		8,719.74		0.00		114,079.80	317,543.86
0760	LS7 Rehab/Repairs-FY	101	6107	INFRA	8/31/2009	600	SL		
19,958.00	0.00	4,320.60		401.76		0.00		4,722.36	15,235.64
0791	MP STA-1-EVAL	101	6107	INFRA	6/01/2011	480	SL		
294,838.47	0.00	68,793.57		7,371.00		0.00		76,164.57	218,673.90
0792	SEWER I&I	101	6107	INFRA	11/16/2009	480	SL		
98,665.60	0.00	26,721.50		2,466.60		0.00		29,188.10	69,477.50
0790	LS7-REPAIRS/REHAB	101	6107	INFRA	6/14/2010	480	SL		
134,944.99	0.00	34,595.60		3,382.56		0.00		37,978.16	96,966.83
0806	SEWER I&I	101	6107	INFRA	5/31/2011	360	SL		
7,470.19	0.00	2,339.00		248.28		0.00		2,587.28	4,882.91
0812	LS REHABILITATION	101	6107	INFRA	8/12/2011	360	SL		
1,139,557.15	0.00	277,736.89		41,367.36		0.00		319,104.25	820,452.90
0841	MANHOLE REPLACEMENT	101	6107	INFRA	11/14/2011	120	SL		
57,406.72	0.00	50,793.95		6,104.10		0.00		56,898.05	508.67
0867	SEWER I & I	101	6107	INFRA	5/18/2012	360	SL		
397,928.15	0.00	104,254.25		13,554.18		0.00		117,808.43	280,119.72
0870	SEWER I & I FOR 2013	101	6107	INFRA	2/15/2013	360	SL		
41,221.40	0.00	10,534.06		1,374.06		0.00		11,908.12	29,313.28
0888	Engineering/Sta. 1 P	101	6107	INFRA	7/31/2013	120	SL		
991,268.94	0.00	684,707.59		108,198.12		0.00		792,905.71	198,363.23

SEQUENCE: CLASS Resolution 2023-01 Exhibit A

ID	DESCRIPTION	FUND	DEPT	CLASS	ACQUIRED	LIFE	METHOD		
TOTAL COST	SALVAGE VALUE	RESERVE	PER.	DEPREC.	ADJ.	DEPREC.	ACC.	DEPREC.	NET VALUE

0897	LS # 2	101	6107	INFRA	11/14/2013	360	SL		
1,943,515.57	0.00	379,867.89		67,739.28		0.00	447,607.17		1,495,908.40
0898	Force Main # 3 R & R	101	6107	INFRA	3/31/2014	360	SL		
805,705.87	0.00	128,329.38		28,824.48		0.00	157,153.86		648,552.01
0918	PUMP STATION 3 DESIG	101	6107	INFRA	12/30/2014	360	SL		
1,298,974.95	0.00	182,240.83		46,050.84		0.00	228,291.67		1,070,683.28
0938	PASS-A-GRILLE WAY RE	101	6107	INFRA	9/30/2014	600	SL		
153,869.00	0.00	6,446.64		3,350.52		0.00	9,797.16		144,071.84
0957	SEWER I & I 2016	101	6107	INFRA	3/31/2015	360	SL		
103,940.48	0.00	14,208.72		3,662.52		0.00	17,871.24		86,069.24
0975	FY2017 SEWER I & I	101	6107	INFRA	10/28/2016	360	SL		
1,878,584.74	0.00	213,489.83		63,837.48		0.00	277,327.31		1,601,257.43
0989	VALVE VAULT REPAIR	101	6107	INFRA	12/31/2016	480	SL		
29,074.00	0.00	1,520.16		760.08		0.00	2,280.24		26,793.76
1012	FY18 SEWER I & I	101	6107	INFRA	11/30/2017	480	SL		
1,171,900.71	0.00	63,170.82		29,831.28		0.00	93,002.10		1,078,898.61
1017	VALVE VAULT REPAIR F	101	6107	INFRA	11/30/2017	360	SL		
41,192.30	0.00	2,824.56		1,412.28		0.00	4,236.84		36,955.46
1019	SUB-AQUEOUS FY18	101	6107	INFRA	11/30/2017	600	SL		
188,303.38	0.00	3,909.36		3,909.36		0.00	7,818.72		180,484.66
1023	LIFT STATION R&R FY1	101	6107	INFRA	1/31/2018	360	SL		
45,644.00	0.00	3,173.40		1,553.76		0.00	4,727.16		40,916.84
1040	SEWER EXPANSION NORT	101	6107	INFRA	4/30/2018	480	SL		
447,279.35	0.00	0.00		11,901.00		0.00	11,901.00		435,378.35
1068	LIFT STATION R&R FY1	101	6107	INFRA	11/30/2018	480	SL		
41,802.17	0.00	6,705.68		919.56		0.00	7,625.24		34,176.93
1069	FY19 SEWER I&I	101	6107	INFRA	5/24/2019	480	SL		
550,585.99	0.00	44,193.57		13,096.32		0.00	57,289.89		493,296.10
1070	VALVE VAULT REPAIR F	101	6107	INFRA	5/14/2019	360	SL		
429,557.24	0.00	18,360.27		14,385.90		0.00	32,746.17		396,811.07
1108	FY20 pipeline manhol	101	6107	INFRA	12/19/2019	480	SL		
39,530.00	0.00	578.07		992.40		0.00	1,570.47		37,959.53
1109	Force Main 16	101	6107	INFRA	12/19/2019	960	SL		
139,919.62	0.00	161.81		930.96		0.00	1,092.77		138,826.85

SEQUENCE: CLASS Resolution 2023-01 Exhibit A

ID	DESCRIPTION	FUND	DEPT	CLASS	ACQUIRED	LIFE	METHOD		
TOTAL COST	SALVAGE VALUE	RESERVE	PER.	DEPREC.	ADJ.	DEPREC.	ACC.	DEPREC.	NET VALUE

1110	Force main 9	101	6107	INFRA	12/19/2019	960	SL		
219,130.73	0.00	291.90		1,700.01		0.00	1,991.91		217,138.82
1116	LIFT STATION #14 REH	101	6107	INFRA	11/27/2019	960	SL		
259,780.60	0.00	1,713.13		3,201.12		0.00	4,914.25		254,866.35
1118	LS 7 & 17 REHAB	101	6107	INFRA	12/19/2019	840	SL		
30,000.00	0.00	272.77		429.24		0.00	702.01		29,297.99
1127	C/O #15 G&R I&I - PA	101	6107	INFRA	11/26/2019	480	SL		
25,167.82	0.00	524.30		629.16		0.00	1,153.46		24,014.36
1129	MH Replacements - FY	101	6107	INFRA	4/27/2020	480	SL		
4,950.00	0.00	51.55		123.72		0.00	175.27		4,774.73
1130	2141 E Vina Del Mar	101	6107	INFRA	4/27/2020	480	SL		
21,188.75	0.00	220.70		529.68		0.00	750.38		20,438.37
1131	SEWER I & I improvem	101	6107	INFRA	4/27/2020	480	SL		
160,660.74	0.00	1,213.90		4,028.16		0.00	5,242.06		155,418.68
1154	PS 1 Capacity & Alte	101	6107	INFRA	5/26/2020	1,020	SL		
67,153.21	0.00	0.00		694.73		0.00	694.73		66,458.48
1155	SOUTH FORCEMAIN EXT	101	6107	INFRA	5/26/2020	1,440	SL		
88,908.00	0.00	0.00		635.25		0.00	635.25		88,272.75
1167	GULF BLVD & 75TH AVE	101	6107	INFRA	6/11/2020	480	SL		
39,324.50	0.00	327.72		983.16		0.00	1,310.88		38,013.62
1189	58TH AVE & GULF BLVD	101	6107	INFRA	9/30/2020	240	SL		
91,527.75	0.00	0.00		4,576.44		0.00	4,576.44		86,951.31
1190	8600 BOCA CIEGA ISLE	101	6107	INFRA	9/30/2020	240	SL		
16,102.25	0.00	0.00		805.08		0.00	805.08		15,297.17
1226	LIFT STATION 7 REHAB	101	6107	INFRA	9/25/2020	480	SL		
3,875.00	0.00	0.00		96.84		0.00	96.84		3,778.16
1227	LIFT STATION 11 REHA	101	6107	INFRA	9/15/2020	480	SL		
236,440.73	0.00	12.40		5,012.82		0.00	5,025.22		231,415.51
1228	LS 13 REHAB	101	6107	INFRA	12/10/2019	480	SL		
320,403.60	0.00	4,910.77		8,055.12		0.00	12,965.89		307,437.71
1229	LS 15 REHAB	101	6107	INFRA	4/21/2020	480	SL		
271,766.20	0.00	45.89		5,214.93		0.00	5,260.82		266,505.38
1230	LS 17 REHAB	101	6107	INFRA	6/09/2020	480	SL		
342,726.91	0.00	45.84		6,554.07		0.00	6,599.91		336,127.00

SEQUENCE: CLASS Resolution 2023-01 Exhibit A

ID	DESCRIPTION	FUND	DEPT	CLASS	ACQUIRED	LIFE	METHOD		
TOTAL COST	SALVAGE VALUE	RESERVE	PER.	DEPREC.	ADJ.	DEPREC.	ACC.	DEPREC.	NET VALUE

1246	PS 1 Capacity & Alte	101	6107	INFRA	12/07/2020	600	SL		
18,448.13	0.00	0.00		268.66		0.00	268.66		18,179.47
1247	REHAB OF LS#7	101	6107	INFRA	12/07/2020	600	SL		
5,625.00	0.00	0.00		92.13		0.00	92.13		5,532.87
1262	I&I PIPE LINING FY21	101	6107	INFRA	4/26/2021	480	SL		
408,131.45	0.00	0.00		4,251.35		0.00	4,251.35		403,880.10
1271	COQUINA WAY MANHOLE	101	6107	INFRA	12/16/2020	480	SL		
20,583.25	0.00	0.00		385.92		0.00	385.92		20,197.33
1272	FY21 WW I&I	101	6107	INFRA	11/20/2020	480	SL		
64,916.00	0.00	0.00		965.82		0.00	965.82		63,950.18
1286	PUMP STATION 7 REHAB	101	6107	INFRA	5/24/2021	600	SL		
228,498.82	0.00	0.00		1,523.32		0.00	1,523.32		226,975.50
1288	NEW MANHOLE @ COQUIN	101	6107	INFRA	2/10/2021	480	SL		
57,942.25	0.00	0.00		965.68		0.00	965.68		56,976.57
1326	FORCE MAIN 1 FM #1	101	6107	INFRA	7/21/2021	360	SL		
28,926.48	0.00	0.00		160.70		0.00	160.70		28,765.78

CLASS TOTALS: INFRA									
21,983,041.33	0.00	4,802,901.76		678,999.33		0.00	5,481,901.09		16,501,140.24
=====									
1202	ASSET MANAGEMENT AND	101	6107	INTANGIBLE	3/03/2020	120	SL		
39,937.89	0.00	888.10		3,097.07		0.00	3,985.17		35,952.72

CLASS TOTALS: INTANGIBLE									
39,937.89	0.00	888.10		3,097.07		0.00	3,985.17		35,952.72
=====									
GRAND TOTALS									
22,909,314.85	0.00	5,092,653.76		767,740.89		0.00	5,860,394.65		17,048,920.20
=====									

PACKET: 00826 - FY21 FUND 101

POST DATE: 9/30/2021

SEQUENCE: CLASS Resolution 2023-01 Exhibit A

TOTALS

TOTAL ASSETS: 107

DEPRECIATION AMOUNT: 767,740.89

FN	ACCT#	SOURCE NAME	AMOUNT
101	163900	DEP ACCUM. DEPR - BLDGS & IMPROV.	5,907.40CR
101	165900	DEP ACCUM DEPR - INFRASTRUCTURE	684,543.05CR
101	165901	DEP AMORTIZATION - INTANGIBLES	3,097.07CR
101	167900	DEP ACCUM DEPR - EQUIPMENT	74,193.37CR
101	6107-535-5759	DEP DEPRECIATION	601,329.40
101	6107-535-5800	DEP DEPRECIATION	166,411.49

WARNINGS: 0 ERRORS: 0

NOTE: The GL account balances will not be affected because the GL posting flag is set to No in the FA System File.

SELECTION CRITERIA

ASSET SELECTION

ASSET ID: ALL

FUND/DEPT: 101 6107 THRU 101 6107

CLASS: ALL

INFRASTRUCTURE ONLY: NO

DEPRECIATION PERIOD

PERIOD: 10/2020 THRU 9/2021

MONTHS: 12

INCLUDE ASSETS ALREADY DEPRECIATED: NO

EXCLUDE FULLY DEPRECIATED: YES

** END OF REPORT **

APPENDIX E:

Capital Improvement Plan from Fiscal Year 2023 Adopted Budget

Resolution 2023-01 Exhibit A

City of St. Pete Beach
Wastewater Fund

Capital Improvement Plan						
Per asset management report						
Asset # / Project	FY23	FY24	FY25	FY26	FY27	Total
PS001 (Pump Station 1)	3,500,000	-	-	-	-	3,500,000
FM0010 (Force Main 10)	650,000	-	-	-	-	650,000
FM0001 (Master Force Main)	-	600,000	-	-	15,000,000	15,600,000
FM0001 ARV replacement	50,000	-	-	-	-	50,000
FM0002 ARV replacement	-	100,000	-	-	-	100,000
FM0006	-	400,000	-	-	-	400,000
FM0017	-	-	-	500,000	-	500,000
Pump/lift station assessment	-	-	-	-	100,000	100,000
I&I rehabilitation	1,151,684	500,000	500,000	500,000	500,000	3,151,684
ARV evaluation	14,000	-	-	-	-	14,000
Force main assessment	-	-	-	-	100,000	100,000
CCTV system cleaning and inspection	-	1,000,000	-	-	-	1,000,000
Smoke testing	-	150,000	-	-	-	150,000
Model capacity report update	-	-	-	50,000	-	50,000
Total	\$ 5,365,684	\$ 2,750,000	\$ 500,000	\$ 1,050,000	\$ 15,700,000	\$ 25,365,684
Per FY 2023 amended budget and capital improvement plan						
Asset # / Project	FY23	FY24	FY25	FY26	FY27	Total
PS001 (Pump Station 1)	3,914,897	-	-	-	-	3,914,897
FM0010 (Force Main 10)	803,492	-	-	-	-	803,492
FM0001 (Master Force Main)	-	600,000	-	-	15,000,000	15,600,000
FM0001 ARV replacement	50,000	-	-	-	-	50,000
FM0002 ARV replacement	-	50,000	-	-	-	50,000
FM0006	-	-	-	-	-	-
FM0017	-	-	-	-	-	-
Pump/lift station assessment	-	-	-	-	-	-
I&I rehabilitation	1,952,136	500,000	500,000	500,000	500,000	3,952,136
ARV evaluation	-	-	-	-	-	-
Force main assessment	-	-	-	-	-	-
CCTV system cleaning and inspection	-	-	-	-	-	-
Smoke testing	-	-	-	-	-	-
Model capacity report update	-	-	-	-	-	-
Asset management	18,060	-	-	-	-	18,060
Lift station rehabilitation	25,493	-	-	-	-	25,493
Pump replacement	92,805	-	-	-	-	92,805
Collection system expansion	24,088	-	-	-	-	24,088
Valve repairs	399,336	-	-	-	-	399,336
Vehicle	65,000	-	-	-	-	65,000
Total	\$ 7,345,307	\$ 1,150,000	\$ 500,000	\$ 500,000	\$ 15,500,000	\$ 24,995,307
Variance and funding gaps	\$ (1,979,623)	\$ 1,600,000	\$ -	\$ 550,000	\$ 200,000	\$ 370,377
Reconciliation						
PS001 (Pump Station 1) - available funding	(414,897)	-	-	-	-	(414,897)
FM0010 (Force Main 10) - available funding	(153,492)	-	-	-	-	(153,492)
FM0002 ARV replacement - scope pending	-	50,000	-	-	-	50,000
FM0006 - project schedule	-	400,000	-	-	-	400,000
FM0017 - project schedule	-	-	-	500,000	-	500,000
Pump/lift station assessment - recently identified	-	-	-	-	100,000	100,000
I&I rehabilitation - available funding	(800,452)	-	-	-	-	(800,452)
ARV evaluation - recently identified	14,000	-	-	-	-	14,000
Force main assessment - recently identified	-	-	-	-	100,000	100,000
CCTV system cleaning and inspection - policy evaluation	-	1,000,000	-	-	-	1,000,000
Smoke testing - policy evaluation	-	150,000	-	-	-	150,000
Model capacity report update - recently identified	-	-	-	50,000	-	50,000
Asset management - available funding	(18,060)	-	-	-	-	(18,060)
Lift station rehabilitation - available funding	(25,493)	-	-	-	-	(25,493)
Pump replacement - available funding	(92,805)	-	-	-	-	(92,805)
Collection system expansion - available funding	(24,088)	-	-	-	-	(24,088)
Valve repairs - not identified in AMP	(399,336)	-	-	-	-	(399,336)
Vehicle - not identified in AMP	(65,000)	-	-	-	-	(65,000)
Total	(1,979,623)	1,600,000	-	550,000	200,000	370,377
Net	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

APPENDIX F: ESRI 2010 Community Profile

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

	2010	2020	2010-2020 Annual Rate
Population	9,343	8,879	-0.51%
Households	5,104	4,979	-0.25%
Housing Units	7,855	8,036	0.23%

	2010 Number	Percent
Population by Race		
Total	9,344	100.0%
Population Reporting One Race	9,248	99.0%
White	8,971	96.0%
Black	68	0.7%
American Indian	24	0.3%
Asian	101	1.1%
Pacific Islander	3	0.0%
Some Other Race	81	0.9%
Population Reporting Two or More Races	96	1.0%
Total Hispanic Population	413	4.4%

Population by Sex		
Male	4,624	49.5%
Female	4,719	50.5%

Population by Age		
Total	9,342	100.0%
Age 0 - 4	179	1.9%
Age 5 - 9	269	2.9%
Age 10 - 14	288	3.1%
Age 15 - 19	250	2.7%
Age 20 - 24	288	3.1%
Age 25 - 29	304	3.3%
Age 30 - 34	332	3.6%
Age 35 - 39	364	3.9%
Age 40 - 44	533	5.7%
Age 45 - 49	808	8.6%
Age 50 - 54	881	9.4%
Age 55 - 59	852	9.1%
Age 60 - 64	972	10.4%
Age 65 - 69	852	9.1%
Age 70 - 74	685	7.3%
Age 75 - 79	581	6.2%
Age 80 - 84	476	5.1%
Age 85+	428	4.6%
Age 18+	8,442	90.4%
Age 65+	3,022	32.3%

Data Note: Hispanic population can be of any race. Census 2010 medians are computed from reported data distributions.

Source: U.S. Census Bureau 2010 and 2020 decennial Census data converted by Esri into 2020 geography.

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

2010		
Households by Type		
Total	5,104	100.0%
Households with 1 Person	2,080	40.8%
Households with 2+ People	3,024	59.2%
Family Households	2,556	50.1%
Husband-wife Families	2,152	42.2%
With Own Children	347	6.8%
Other Family (No Spouse Present)	405	7.9%
With Own Children	169	3.3%
Nonfamily Households	468	9.2%
All Households with Children	554	10.9%
Multigenerational Households	45	0.9%
Unmarried Partner Households	334	6.5%
Male-female	285	5.6%
Same-sex	49	1.0%
Average Household Size	1.83	
Family Households by Size		
Total	2,556	100.0%
2 People	1,856	72.6%
3 People	387	15.1%
4 People	211	8.3%
5 People	74	2.9%
6 People	20	0.8%
7+ People	8	0.3%
Average Family Size	2.41	
Nonfamily Households by Size		
Total	2,548	100.0%
1 Person	2,080	81.6%
2 People	429	16.8%
3 People	27	1.1%
4 People	10	0.4%
5 People	2	0.1%
6 People	0	0.0%
7+ People	0	0.0%
Average Nonfamily Size	1.20	
Population by Relationship and Household Type		
Total	9,343	100.0%
In Households	9,335	99.9%
In Family Households	6,268	67.1%
Householder	2,555	27.3%
Spouse	2,151	23.0%
Child	1,272	13.6%
Other relative	181	1.9%
Nonrelative	109	1.2%
In Nonfamily Households	3,067	32.8%
In Group Quarters	8	0.1%
Institutionalized Population	0	0.0%
Noninstitutionalized Population	8	0.1%

Data Note: **Households with children** include any households with people under age 18, related or not. **Multigenerational households** are families with 3 or more parent-child relationships. **Unmarried partner households** are usually classified as nonfamily households unless there is another member of the household related to the householder. Multigenerational and unmarried partner households are reported only to the tract level. Esri estimated block group data, which is used to estimate polygons or non-standard geography. **Average family size** excludes nonrelatives.

Source: U.S. Census Bureau 2010 and 2020 decennial Census data converted by Esri into 2020 geography.

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

2010		
Family Households by Age of Householder		
Total	2,557	100.0%
Householder Age 15 - 44	368	14.4%
Householder Age 45 - 54	496	19.4%
Householder Age 55 - 64	598	23.4%
Householder Age 65 - 74	572	22.4%
Householder Age 75+	523	20.5%
Nonfamily Households by Age of Householder		
Total	2,548	100.0%
Householder Age 15 - 44	533	20.9%
Householder Age 45 - 54	549	21.5%
Householder Age 55 - 64	521	20.4%
Householder Age 65 - 74	406	15.9%
Householder Age 75+	539	21.2%
Households by Race of Householder		
Total	5,104	100.0%
Householder is White Alone	4,930	96.6%
Householder is Black Alone	41	0.8%
Householder is American Indian Alone	15	0.3%
Householder is Asian Alone	48	0.9%
Householder is Pacific Islander Alone	2	0.0%
Householder is Some Other Race Alone	33	0.6%
Householder is Two or More Races	35	0.7%
Households with Hispanic Householder	170	3.3%
Husband-wife Families by Race of Householder		
Total	2,152	100.0%
Householder is White Alone	2,088	97.0%
Householder is Black Alone	8	0.4%
Householder is American Indian Alone	2	0.1%
Householder is Asian Alone	28	1.3%
Householder is Pacific Islander Alone	0	0.0%
Householder is Some Other Race Alone	7	0.3%
Householder is Two or More Races	19	0.9%
Husband-wife Families with Hispanic Householder	65	3.0%
Other Families (No Spouse) by Race of Householder		
Total	404	100.0%
Householder is White Alone	388	96.0%
Householder is Black Alone	4	1.0%
Householder is American Indian Alone	0	0.0%
Householder is Asian Alone	2	0.5%
Householder is Pacific Islander Alone	0	0.0%
Householder is Some Other Race Alone	9	2.2%
Householder is Two or More Races	1	0.2%
Other Families with Hispanic Householder	29	7.2%
Nonfamily Households by Race of Householder		
Total	2,548	100.0%
Householder is White Alone	2,454	96.3%
Householder is Black Alone	29	1.1%
Householder is American Indian Alone	13	0.5%
Householder is Asian Alone	19	0.7%
Householder is Pacific Islander Alone	2	0.1%
Householder is Some Other Race Alone	17	0.7%
Householder is Two or More Races	14	0.5%
Nonfamily Households with Hispanic Householder	76	3.0%

Source: U.S. Census Bureau 2010 and 2020 decennial Census data converted by Esri into 2020 geography.

February 21, 2023

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

2010		
Total Housing Units by Occupancy		
Total	7,856	100.0%
Occupied Housing Units	5,104	65.0%
Vacant Housing Units		
For Rent	341	4.3%
Rented, not Occupied	26	0.3%
For Sale Only	165	2.1%
Sold, not Occupied	27	0.3%
For Seasonal/Recreational/Occasional Use	2,032	25.9%
For Migrant Workers	0	0.0%
Other Vacant	161	2.0%
Total Vacancy Rate	35.0%	
Households by Tenure and Mortgage Status		
Total	5,104	100.0%
Owner Occupied	3,443	67.5%
Owned with a Mortgage/Loan	1,753	34.3%
Owned Free and Clear	1,690	33.1%
Average Household Size	1.90	
Renter Occupied	1,661	32.5%
Average Household Size	1.69	
Owner-occupied Housing Units by Race of Householder		
Total	3,443	100.0%
Householder is White Alone	3,382	98.2%
Householder is Black Alone	7	0.2%
Householder is American Indian Alone	6	0.2%
Householder is Asian Alone	30	0.9%
Householder is Pacific Islander Alone	1	0.0%
Householder is Some Other Race Alone	3	0.1%
Householder is Two or More Races	14	0.4%
Owner-occupied Housing Units with Hispanic Householder	81	2.4%
Renter-occupied Housing Units by Race of Householder		
Total	1,660	100.0%
Householder is White Alone	1,548	93.3%
Householder is Black Alone	34	2.0%
Householder is American Indian Alone	9	0.5%
Householder is Asian Alone	18	1.1%
Householder is Pacific Islander Alone	1	0.1%
Householder is Some Other Race Alone	30	1.8%
Householder is Two or More Races	20	1.2%
Renter-occupied Housing Units with Hispanic Householder	89	5.4%
Average Household Size by Race/Hispanic Origin of Householder		
Householder is White Alone	1.82	
Householder is Black Alone	1.66	
Householder is American Indian Alone	1.67	
Householder is Asian Alone	2.13	
Householder is Pacific Islander Alone	1.50	
Householder is Some Other Race Alone	2.36	
Householder is Two or More Races	1.94	
Householder is Hispanic	2.20	

Source: U.S. Census Bureau 2010 decennial Census data converted by Esri into 2020 geography.

February 21, 2023



ACS Housing Summary

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
TOTALS				
Total Population	9,603		34	High
Total Households	4,933		253	High
Total Housing Units	8,083		340	High
OWNER-OCCUPIED HOUSING UNITS BY MORTGAGE STATUS				
Total	3,781	100.0%	284	High
Housing units with a mortgage/contract to purchase/similar debt	1,529	40.4%	225	High
No Second Mortgage and No Home Equity Loan	1,175	31.1%	192	High
Multiple Mortgages	249	6.6%	146	Medium
Second mortgage and Home Equity Loan	0	0.0%	20	Low
Only Home Equity Loan	249	6.6%	146	Medium
Only Second Mortgage	0	0.0%	20	Low
Home Equity Loan without Primary Mortgage	105	2.8%	144	Low
Housing units without a mortgage	2,252	59.6%	351	High
AVERAGE VALUE BY MORTGAGE STATUS				
Housing units with a mortgage	\$593,843		\$143,897	Medium
Housing units without a mortgage	\$496,669		\$104,507	Medium
OWNER-OCCUPIED HOUSING UNITS BY MORTGAGE STATUS & SELECTED MONTHLY OWNER COSTS				
Total	3,781	100.0%	284	High
With a mortgage: Monthly owner costs as a percentage of household income in past 12 months				
Less than 10.0 percent	34	0.9%	32	Low
10.0 to 14.9 percent	321	8.5%	182	Medium
15.0 to 19.9 percent	196	5.2%	117	Medium
20.0 to 24.9 percent	93	2.5%	51	Medium
25.0 to 29.9 percent	82	2.2%	63	Low
30.0 to 34.9 percent	252	6.7%	104	Medium
35.0 to 39.9 percent	166	4.4%	86	Medium
40.0 to 49.9 percent	99	2.6%	66	Low
50.0 percent or more	274	7.2%	117	Medium
Not computed	12	0.3%	19	Low
Without a mortgage: Monthly owner costs as a percentage of household income in past 12 months				
Less than 10.0 percent	715	18.9%	333	Medium
10.0 to 14.9 percent	431	11.4%	166	Medium
15.0 to 19.9 percent	187	4.9%	97	Medium
20.0 to 24.9 percent	216	5.7%	117	Medium
25.0 to 29.9 percent	131	3.5%	69	Medium
30.0 to 34.9 percent	118	3.1%	74	Medium
35.0 to 39.9 percent	38	1.0%	36	Low
40.0 to 49.9 percent	56	1.5%	56	Low
50.0 percent or more	251	6.6%	81	Medium
Not computed	109	2.9%	104	Low

Source: U.S. Census Bureau, 2016-2020 American Community Survey

Reliability: High Medium Low

February 21, 2023



ACS Housing Summary

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
RENTER-OCCUPIED HOUSING UNITS BY CONTRACT RENT				
Total	1,152	100.0%	285	■ ■
With cash rent	1,071	93.0%	287	■ ■
Less than \$100	0	0.0%	20	
\$100 to \$149	0	0.0%	20	
\$150 to \$199	0	0.0%	20	
\$200 to \$249	0	0.0%	20	
\$250 to \$299	0	0.0%	20	
\$300 to \$349	0	0.0%	20	
\$350 to \$399	0	0.0%	20	
\$400 to \$449	9	0.8%	14	■
\$450 to \$499	16	1.4%	26	■
\$500 to \$549	9	0.8%	14	■
\$550 to \$599	0	0.0%	20	
\$600 to \$649	36	3.1%	36	■
\$650 to \$699	6	0.5%	11	■
\$700 to \$749	25	2.2%	23	■
\$750 to \$799	76	6.6%	53	■
\$800 to \$899	178	15.5%	76	■ ■
\$900 to \$999	83	7.2%	62	■
\$1,000 to \$1,249	174	15.1%	72	■ ■
\$1,250 to \$1,499	97	8.4%	66	■
\$1,500 to \$1,999	254	22.0%	241	■
\$2,000 to \$2,499	27	2.3%	24	■
\$2,500 to \$2,999	40	3.5%	41	■
\$3,000 to \$3,499	41	3.6%	43	■
\$3,500 or more	0	0.0%	20	
No cash rent	81	7.0%	50	■ ■
Median Contract Rent	\$1,140		\$212	■ ■ ■
Average Contract Rent	\$1,324		\$574	■ ■
RENTER-OCCUPIED HOUSING UNITS BY INCLUSION OF UTILITIES IN RENT				
Total	1,152	100.0%	285	■ ■
Pay extra for one or more utilities	1,023	88.8%	270	■ ■
No extra payment for any utilities	129	11.2%	70	■ ■



ACS Housing Summary

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
RENTER-OCCUPIED HOUSING UNITS BY GROSS RENT				
Total:	1,152	100.0%	285	■ ■
With cash rent:	1,071	93.0%	287	■ ■
Less than \$100	0	0.0%	20	
\$100 to \$149	0	0.0%	20	
\$150 to \$199	0	0.0%	20	
\$200 to \$249	0	0.0%	20	
\$250 to \$299	0	0.0%	20	
\$300 to \$349	0	0.0%	20	
\$350 to \$399	0	0.0%	20	
\$400 to \$449	0	0.0%	20	
\$450 to \$499	0	0.0%	20	
\$500 to \$549	9	0.8%	14	■
\$550 to \$599	16	1.4%	26	■
\$600 to \$649	8	0.7%	13	■
\$650 to \$699	9	0.8%	14	■
\$700 to \$749	28	2.4%	33	■
\$750 to \$799	22	1.9%	21	■
\$800 to \$899	186	16.1%	92	■ ■
\$900 to \$999	86	7.5%	53	■ ■
\$1,000 to \$1,249	198	17.2%	95	■ ■
\$1,250 to \$1,499	77	6.7%	40	■ ■
\$1,500 to \$1,999	147	12.8%	76	■ ■
\$2,000 to \$2,499	204	17.7%	220	■
\$2,500 to \$2,999	24	2.1%	30	■
\$3,000 to \$3,499	31	2.7%	35	■
\$3,500 or more	26	2.3%	34	■
No cash rent	81	7.0%	50	■ ■
Median Gross Rent	\$1,217		\$284	■ ■ ■
Average Gross Rent	\$1,474		\$654	■ ■



ACS Housing Summary

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
HOUSING UNITS BY UNITS IN STRUCTURE				
Total	8,083	100.0%	340	High
1, detached	3,315	41.0%	327	High
1, attached	171	2.1%	80	Medium
2	313	3.9%	143	Medium
3 or 4	355	4.4%	155	Medium
5 to 9	285	3.5%	114	Medium
10 to 19	524	6.5%	189	Medium
20 to 49	928	11.5%	198	Medium
50 or more	2,157	26.7%	305	High
Mobile home	14	0.2%	35	Low
Boat, RV, van, etc.	21	0.3%	35	Low
HOUSING UNITS BY YEAR STRUCTURE BUILT				
Total	8,083	100.0%	340	High
Built 2014 or later	17	0.2%	22	Low
Built 2010 to 2013	39	0.5%	45	Low
Built 2000 to 2009	346	4.3%	118	Medium
Built 1990 to 1999	616	7.6%	195	Medium
Built 1980 to 1989	924	11.4%	345	Medium
Built 1970 to 1979	2,537	31.4%	324	High
Built 1960 to 1969	988	12.2%	240	Medium
Built 1950 to 1959	1,921	23.8%	242	High
Built 1940 to 1949	429	5.3%	178	Medium
Built 1939 or earlier	266	3.3%	116	Medium
Median Year Structure Built	1972		2	High
OCCUPIED HOUSING UNITS BY YEAR HOUSEHOLDER MOVED INTO UNIT				
Total	4,933	100.0%	253	High
Owner occupied				
Moved in 2019 or later	199	4.0%	141	Low
Moved in 2015 to 2018	629	12.8%	150	Medium
Moved in 2010 to 2014	630	12.8%	148	Medium
Moved in 2000 to 2009	1,008	20.4%	210	Medium
Moved in 1990 to 1999	886	18.0%	356	Medium
Moved in 1989 or earlier	429	8.7%	125	Medium
Renter occupied				
Moved in 2019 or later	220	4.5%	235	Low
Moved in 2015 to 2018	524	10.6%	131	Medium
Moved in 2010 to 2014	179	3.6%	72	Medium
Moved in 2000 to 2009	202	4.1%	77	Medium
Moved in 1990 to 1999	27	0.5%	25	Low
Moved in 1989 or earlier	0	0.0%	20	
Median Year Householder Moved Into Unit	2009		3	High



ACS Housing Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
OCCUPIED HOUSING UNITS BY HOUSE HEATING FUEL				
Total	4,933	100.0%	253	
Utility gas	60	1.2%	46	
Bottled, tank, or LP gas	11	0.2%	18	
Electricity	4,793	97.2%	286	
Fuel oil, kerosene, etc.	0	0.0%	20	
Coal or coke	0	0.0%	20	
Wood	0	0.0%	20	
Solar energy	0	0.0%	20	
Other fuel	0	0.0%	20	
No fuel used	69	1.4%	50	
OCCUPIED HOUSING UNITS BY VEHICLES AVAILABLE				
Total	4,933	100.0%	253	
Owner occupied				
No vehicle available	128	2.6%	59	
1 vehicle available	1,749	35.5%	387	
2 vehicles available	1,370	27.8%	214	
3 vehicles available	439	8.9%	150	
4 vehicles available	46	0.9%	44	
5 or more vehicles available	49	1.0%	45	
Renter occupied				
No vehicle available	229	4.6%	103	
1 vehicle available	683	13.8%	244	
2 vehicles available	185	3.8%	87	
3 vehicles available	39	0.8%	43	
4 vehicles available	16	0.3%	26	
5 or more vehicles available	0	0.0%	20	
Average Number of Vehicles Available	1.5		0.1	
VACANT HOUSING UNITS				
Total vacant housing units	3,150	100.0%	316	
For rent	159	5.0%	100	
Rented, not occupied	36	1.1%	58	
For sale only	89	2.8%	73	
Sold, not occupied	122	3.9%	112	
Seasonal/occasional	2,336	74.2%	312	
For migrant workers	0	0.0%	20	
Other	408	13.0%	163	



ACS Housing Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
OWNER-OCCUPIED HOUSING UNITS BY VALUE				
Total	3,781	100%	284	
Less than \$10,000	0	0.0%	20	
\$10,000 to \$14,999	0	0.0%	20	
\$15,000 to \$19,999	0	0.0%	20	
\$20,000 to \$24,999	14	0.4%	35	
\$25,000 to \$29,999	0	0.0%	20	
\$30,000 to \$34,999	11	0.3%	17	
\$35,000 to \$39,999	0	0.0%	20	
\$40,000 to \$49,999	18	0.5%	22	
\$50,000 to \$59,999	15	0.4%	25	
\$60,000 to \$69,999	8	0.2%	14	
\$70,000 to \$79,999	0	0.0%	20	
\$80,000 to \$89,999	16	0.4%	20	
\$90,000 to \$99,999	25	0.7%	37	
\$100,000 to \$124,999	11	0.3%	17	
\$125,000 to \$149,999	10	0.3%	15	
\$150,000 to \$174,999	328	8.7%	310	
\$175,000 to \$199,999	31	0.8%	25	
\$200,000 to \$249,999	256	6.8%	118	
\$250,000 to \$299,999	201	5.3%	106	
\$300,000 to \$399,999	584	15.4%	173	
\$400,000 to \$499,999	428	11.3%	120	
\$500,000 to \$749,999	1,038	27.5%	198	
\$750,000 to \$999,999	528	14.0%	130	
\$1,000,000 to \$1,499,999	93	2.5%	57	
\$1,500,000 to \$1,999,999	116	3.1%	90	
\$2,000,000 or more	50	1.3%	36	
Median Home Value	\$484,700		\$55,235	
Average Home Value	\$535,965		\$61,514	

Data Note: N/A means not available.

2016-2020 ACS Estimate: The American Community Survey (ACS) replaces census sample data. Esri is releasing the 2016-2020 ACS estimates, five-year period data collected monthly from January 1, 2016 through December 31, 2020. Although the ACS includes many of the subjects previously covered by the decennial census sample, there are significant differences between the two surveys including fundamental differences in survey design and residency rules.

Margin of error (MOE): The MOE is a measure of the variability of the estimate due to sampling error. MOEs enable the data user to measure the range of uncertainty for each estimate with 90 percent confidence. The range of uncertainty is called the confidence interval, and it is calculated by taking the estimate +/- the MOE. For example, if the ACS reports an estimate of 100 with an MOE of +/- 20, then you can be 90 percent certain the value for the whole population falls between 80 and 120.

Reliability: These symbols represent threshold values that Esri has established from the Coefficients of Variation (CV) to designate the usability of the estimates. The CV measures the amount of sampling error relative to the size of the estimate, expressed as a percentage.

- High Reliability: Small CVs (less than or equal to 12 percent) are flagged green to indicate that the sampling error is small relative to the estimate and the estimate is reasonably reliable.
- Medium Reliability: Estimates with CVs between 12 and 40 are flagged yellow-use with caution.
- Low Reliability: Large CVs (over 40 percent) are flagged red to indicate that the sampling error is large relative to the estimate. The estimate is considered very unreliable.



ACS Population Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
TOTALS				
Total Population	9,603		34	High
Total Households	4,933		253	High
Total Housing Units	8,083		340	High
POPULATION AGE 3+ YEARS BY SCHOOL ENROLLMENT				
Total	9,546	100.0%	66	High
Enrolled in school	1,107	11.6%	269	Medium
Enrolled in nursery school, preschool	88	0.9%	91	Low
Public school	0	0.0%	20	
Private school	88	0.9%	91	Low
Enrolled in kindergarten	0	0.0%	20	
Public school	0	0.0%	20	
Private school	0	0.0%	20	
Enrolled in grade 1 to grade 4	131	1.4%	75	Medium
Public school	112	1.2%	70	Medium
Private school	19	0.2%	31	Low
Enrolled in grade 5 to grade 8	200	2.1%	97	Medium
Public school	52	0.5%	53	Low
Private school	148	1.6%	77	Medium
Enrolled in grade 9 to grade 12	214	2.2%	110	Medium
Public school	97	1.0%	67	Low
Private school	117	1.2%	89	Low
Enrolled in college undergraduate years	366	3.8%	157	Medium
Public school	245	2.6%	86	Medium
Private school	121	1.3%	132	Low
Enrolled in graduate or professional school	108	1.1%	71	Medium
Public school	33	0.3%	31	Low
Private school	75	0.8%	65	Low
Not enrolled in school	8,439	88.4%	466	High
POPULATION AGE 65+ BY RELATIONSHIP AND HOUSEHOLD TYPE				
Total	3,999	100.0%	519	High
Living in Households	3,996	99.9%	518	High
Living in Family Households	2,870	71.8%	576	Medium
Householder	1,434	35.9%	358	Medium
Spouse	1,129	28.2%	265	Medium
Parent	155	3.9%	101	Medium
Parent-in-law	38	1.0%	59	Low
Other Relative	114	2.9%	133	Low
Nonrelative	0	0.0%	20	
Living in Nonfamily Households	1,126	28.2%	269	Medium
Householder	1,032	25.8%	253	Medium
Nonrelative	94	2.4%	74	Low
Living in Group Quarters	3	0.1%	5	Low



ACS Population Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
HOUSEHOLDS BY TYPE AND SIZE				
Family Households	2,938	59.6%	284	
2-Person	2,200	44.6%	388	
3-Person	444	9.0%	137	
4-Person	257	5.2%	72	
5-Person	37	0.8%	37	
6-Person	0	0.0%	20	
7+ Person	0	0.0%	20	
Nonfamily Households	1,995	40.4%	364	
1-Person	1,699	34.4%	355	
2-Person	296	6.0%	108	
3-Person	0	0.0%	20	
4-Person	0	0.0%	20	
5-Person	0	0.0%	20	
6-Person	0	0.0%	20	
7+ Person	0	0.0%	20	
HOUSEHOLDS BY PRESENCE OF PEOPLE UNDER 18 YEARS BY HOUSEHOLD TYPE				
Households with one or more people under 18 years	468	9.5%	119	
Family households	468	9.5%	119	
Married-couple family	410	8.3%	114	
Male householder, no wife present	0	0.0%	20	
Female householder, no husband present	58	1.2%	52	
Nonfamily households	0	0.0%	20	
Households with no people under 18 years	4,465	90.5%	315	
Married-couple family	2,294	46.5%	376	
Other family	176	3.6%	82	
Nonfamily households	1,995	40.4%	364	
HOUSEHOLDS BY PRESENCE OF PEOPLE 65 YEARS AND OVER, HOUSEHOLD SIZE AND HOUSEHOLD TYPE				
Households with Pop 65+	2,651	53.7%	322	
1-Person	954	19.3%	249	
2+ Person Family	1,610	32.6%	346	
2+ Person Nonfamily	87	1.8%	55	
Households with No Pop 65+	2,282	46.3%	317	
1-Person	745	15.1%	295	
2+ Person Family	1,328	26.9%	171	
2+ Person Nonfamily	209	4.2%	89	
HOUSEHOLD TYPE BY RELATIVES AND NONRELATIVES FOR POPULATION IN HOUSEHOLDS				
Total	9,581	100.0%	36	
In Family Households	7,223	75.4%	404	
In Married-Couple Family	6,550	68.4%	478	
Relatives	6,524	68.1%	472	
Nonrelatives	26	0.3%	37	
In Male Householder-No Spouse Present-Family	72	0.8%	81	
Relatives	72	0.8%	81	
Nonrelatives	0	0.0%	20	
In Female Householder-No Spouse Present-Family	601	6.3%	264	
Relatives	601	6.3%	264	
Nonrelatives	0	0.0%	20	
In Nonfamily Households	2,358	24.6%	407	

Source: U.S. Census Bureau, 2016-2020 American Community Survey

Reliability: high medium low

February 21, 2023



ACS Population Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
POPULATION AGE 5+ YEARS BY LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH				
Total	9,458	100.0%	108	
5 to 17 years				
Speak only English	489	5.2%	153	
Speak Spanish	31	0.3%	41	
Speak English "very well" or "well"	31	0.3%	41	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak other Indo-European languages	28	0.3%	22	
Speak English "very well" or "well"	28	0.3%	22	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak Asian and Pacific Island languages	0	0.0%	20	
Speak English "very well" or "well"	0	0.0%	20	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak other languages	0	0.0%	20	
Speak English "very well" or "well"	0	0.0%	20	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
18 to 64 years				
Speak only English	4,436	46.9%	447	
Speak Spanish	121	1.3%	94	
Speak English "very well" or "well"	121	1.3%	96	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak other Indo-European languages	263	2.8%	113	
Speak English "very well" or "well"	263	2.8%	104	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak Asian and Pacific Island languages	75	0.8%	64	
Speak English "very well" or "well"	75	0.8%	64	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak other languages	16	0.2%	22	
Speak English "very well" or "well"	16	0.2%	22	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
65 years and over				
Speak only English	3,702	39.1%	553	
Speak Spanish	44	0.5%	41	
Speak English "very well" or "well"	44	0.5%	39	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak other Indo-European languages	178	1.9%	94	
Speak English "very well" or "well"	178	1.9%	90	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak Asian and Pacific Island languages	23	0.2%	38	
Speak English "very well" or "well"	23	0.2%	38	
Speak English "not well"	0	0.0%	20	
Speak English "not at all"	0	0.0%	20	
Speak other languages	52	0.5%	56	
Speak English "very well" or "well"	26	0.3%	40	
Speak English "not well"	26	0.3%	29	
Speak English "not at all"	0	0.0%	20	

Source: U.S. Census Bureau, 2016-2020 American Community Survey

Reliability: high medium low

February 21, 2023



ACS Population Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
WORKERS AGE 16+ YEARS BY PLACE OF WORK				
Total	3,796	100.0%	441	High
Worked in state and in county of residence	2,972	78.3%	413	High
Worked in state and outside county of residence	540	14.2%	148	Medium
Worked outside state of residence	284	7.5%	165	Medium
SEX BY CLASS OF WORKER FOR THE CIVILIAN EMPLOYED POPULATION 16 YEARS AND OVER				
Total:	3,838	100.0%	441	High
Male:	2,071	54.0%	320	High
Employee of private company	1,302	33.9%	266	Medium
Self-employed in own incorporated business	474	12.4%	142	Medium
Private not-for-profit wage and salary workers	27	0.7%	29	Low
Local government workers	64	1.7%	47	Low
State government workers	48	1.3%	53	Low
Federal government workers	16	0.4%	27	Low
Self-employed in own not incorporated business workers	140	3.6%	89	Medium
Unpaid family workers	0	0.0%	20	Low
Female:	1,767	46.0%	240	High
Employee of private company	1,009	26.3%	178	High
Self-employed in own incorporated business	199	5.2%	89	Medium
Private not-for-profit wage and salary workers	195	5.1%	72	Medium
Local government workers	115	3.0%	62	Medium
State government workers	113	2.9%	102	Low
Federal government workers	21	0.5%	33	Low
Self-employed in own not incorporated business workers	93	2.4%	59	Medium
Unpaid family workers	22	0.6%	23	Low
POPULATION IN HOUSEHOLDS AND PRESENCE OF A COMPUTER				
Total	9,581	100.0%	36	High
Population <18 in Households	693	7.2%	166	Medium
Have a Computer	693	7.2%	166	Medium
Have NO Computer	0	0.0%	20	Low
Population 18-64 in Households	4,892	51.1%	458	High
Have a Computer	4,868	50.8%	455	High
Have NO Computer	24	0.3%	22	Low
Population 65+ in Households	3,996	41.7%	518	High
Have a Computer	3,775	39.4%	538	High
Have NO Computer	221	2.3%	163	Low
HOUSEHOLDS AND INTERNET SUBSCRIPTIONS				
Total	4,933	100.0%	253	High
With an Internet Subscription	4,383	88.9%	296	High
Dial-Up Alone	27	0.5%	31	Low
Broadband	3,781	76.6%	296	High
Satellite Service	148	3.0%	81	Medium
Other Service	15	0.3%	23	Low
Internet Access with no Subscription	251	5.1%	166	Low
With No Internet Access	299	6.1%	121	Medium



ACS Population Summary

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 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
WORKERS AGE 16+ YEARS BY MEANS OF TRANSPORTATION TO WORK				
Total	3,796	100.0%	441	High
Drove alone	2,614	68.9%	425	High
Carpooled	144	3.8%	77	Medium
Public transportation (excluding taxicab)	14	0.4%	16	Low
Bus or trolley bus	5	0.1%	7	Low
Light rail, streetcar or trolley	0	0.0%	20	
Subway or elevated	0	0.0%	20	
Long-distance/Commuter Train	9	0.2%	14	Low
Ferryboat	0	0.0%	20	
Taxicab	0	0.0%	20	
Motorcycle	32	0.8%	23	Low
Bicycle	31	0.8%	37	Low
Walked	103	2.7%	65	Medium
Other means	161	4.2%	96	Medium
Worked at home	697	18.4%	162	Medium
WORKERS AGE 16+ YEARS (WHO DID NOT WORK FROM HOME) BY TRAVEL TIME TO WORK				
Total	3,099	100.0%	419	High
Less than 5 minutes	170	5.5%	100	Medium
5 to 9 minutes	422	13.6%	140	Medium
10 to 14 minutes	329	10.6%	152	Medium
15 to 19 minutes	431	13.9%	163	Medium
20 to 24 minutes	367	11.8%	153	Medium
25 to 29 minutes	48	1.5%	37	Low
30 to 34 minutes	653	21.1%	276	Medium
35 to 39 minutes	74	2.4%	54	Low
40 to 44 minutes	110	3.5%	67	Medium
45 to 59 minutes	224	7.2%	105	Medium
60 to 89 minutes	187	6.0%	126	Low
90 or more minutes	84	2.7%	57	Low
Average Travel Time to Work (in minutes)	26.6		6.2	Medium
FEMALES AGE 20-64 YEARS BY AGE OF OWN CHILDREN AND EMPLOYMENT STATUS				
Total	2,359	100.0%	242	High
Own children under 6 years only	100	4.2%	69	Low
In labor force	86	3.6%	65	Low
Not in labor force	14	0.6%	22	Low
Own children under 6 years and 6 to 17 years	16	0.7%	24	Low
In labor force	16	0.7%	24	Low
Not in labor force	0	0.0%	20	
Own children 6 to 17 years only	318	13.5%	85	Medium
In labor force	255	10.8%	84	Medium
Not in labor force	63	2.7%	59	Low
No own children under 18 years	1,925	81.6%	234	High
In labor force	1,240	52.6%	212	High
Not in labor force	685	29.0%	149	Medium



ACS Population Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
CIVILIAN NONINSTITUTIONALIZED POPULATION BY AGE & TYPES OF HEALTH INSURANCE COVERAGE				
Total	9,603	100.0%	34	
Under 19 years:	741	7.7%	185	
One Type of Health Insurance:	691	7.2%	181	
Employer-Based Health Ins Only	440	4.6%	148	
Direct-Purchase Health Ins Only	191	2.0%	113	
Medicare Coverage Only	0	0.0%	20	
Medicaid Coverage Only	60	0.6%	67	
TRICARE/Military Hlth Cov Only	0	0.0%	20	
VA Health Care Only	0	0.0%	20	
2+ Types of Health Insurance	0	0.0%	20	
No Health Insurance Coverage	50	0.5%	42	
19 to 34 years:	865	9.0%	184	
One Type of Health Insurance:	764	8.0%	168	
Employer-Based Health Ins Only	535	5.6%	155	
Direct-Purchase Health Ins Only	201	2.1%	114	
Medicare Coverage Only	0	0.0%	20	
Medicaid Coverage Only	20	0.2%	13	
TRICARE/Military Hlth Cov Only	8	0.1%	22	
VA Health Care Only	0	0.0%	20	
2+ Types of Health Insurance	0	0.0%	20	
No Health Insurance Coverage	101	1.1%	65	
35 to 64 years:	3,998	41.6%	392	
One Type of Health Insurance:	3,311	34.5%	382	
Employer-Based Health Ins Only	2,274	23.7%	337	
Direct-Purchase Health Ins Only	818	8.5%	200	
Medicare Coverage Only	36	0.4%	36	
Medicaid Coverage Only	90	0.9%	63	
TRICARE/Military Hlth Cov Only	63	0.7%	69	
VA Health Care Only	30	0.3%	33	
2+ Types of Health Insurance	210	2.2%	101	
No Health Insurance Coverage	477	5.0%	152	
65+ years:	3,999	41.6%	519	
One Type of Health Insurance:	1,247	13.0%	256	
Employer-Based Health Ins Only	17	0.2%	19	
Direct-Purchase Health Ins Only	53	0.6%	49	
Medicare Coverage Only	1,177	12.3%	246	
TRICARE/Military Hlth Cov Only	0	0.0%	20	
VA Health Care Only	0	0.0%	20	
2+ Types of Health Insurance:	2,615	27.2%	571	
Employer-Based & Direct-Purchase Health Insurance	0	0.0%	20	
Employer-Based Health & Medicare Insurance	849	8.8%	288	
Direct-Purchase Health & Medicare Insurance	1,213	12.6%	458	
Medicare & Medicaid Coverage	16	0.2%	20	
Other Private Health Insurance Combos	0	0.0%	20	
Other Public Health Insurance Combos	80	0.8%	54	
Other Health Insurance Combinations	457	4.8%	145	
No Health Insurance Coverage	137	1.4%	186	



ACS Population Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
POPULATION BY RATIO OF INCOME TO POVERTY LEVEL				
Total	9,603	100.0%	34	High
Under .50	535	5.6%	233	Medium
.50 to .99	192	2.0%	100	Medium
1.00 to 1.24	199	2.1%	123	Medium
1.25 to 1.49	123	1.3%	87	Low
1.50 to 1.84	340	3.5%	141	Medium
1.85 to 1.99	107	1.1%	71	Low
2.00 and over	8,107	84.4%	335	High
CIVILIAN POPULATION AGE 18 OR OLDER BY VETERAN STATUS				
Total	8,910	100.0%	169	High
Veteran	1,003	11.3%	215	Medium
Nonveteran	7,907	88.7%	248	High
Male	4,517	50.7%	349	High
Veteran	965	10.8%	201	Medium
Nonveteran	3,552	39.9%	372	High
Female	4,393	49.3%	287	High
Veteran	38	0.4%	39	Low
Nonveteran	4,355	48.9%	287	High
CIVILIAN VETERANS AGE 18 OR OLDER BY PERIOD OF MILITARY SERVICE				
Total	1,003	100.0%	215	Medium
Gulf War (9/01 or later), no Gulf War (8/90 to 8/01), no Vietnam Era	47	4.7%	52	Low
Gulf War (9/01 or later) and Gulf War (8/90 to 8/01), no Vietnam Era	21	2.1%	33	Low
Gulf War (9/01 or later), and Gulf War (8/90 to 8/01), and Vietnam Era	12	1.2%	19	Low
Gulf War (8/90 to 8/01), no Vietnam Era	28	2.8%	35	Low
Gulf War (8/90 to 8/01) and Vietnam Era	38	3.8%	46	Low
Vietnam Era, no Korean War, no World War II	514	51.2%	181	Medium
Vietnam Era and Korean War, no World War II	0	0.0%	20	Low
Vietnam Era and Korean War and World War II	0	0.0%	20	Low
Korean War, no Vietnam Era, no World War II	116	11.6%	65	Medium
Korean War and World War II, no Vietnam Era	0	0.0%	20	Low
World War II, no Korean War, no Vietnam Era	25	2.5%	32	Low
Between Gulf War and Vietnam Era only	133	13.3%	70	Medium
Between Vietnam Era and Korean War only	48	4.8%	40	Low
Between Korean War and World War II only	21	2.1%	32	Low
Pre-World War II only	0	0.0%	20	Low
HOUSEHOLDS BY POVERTY STATUS				
Total	4,933	100.0%	253	High
Income in the past 12 months below poverty level	455	9.2%	162	Medium
Married-couple family	119	2.4%	105	Low
Other family - male householder (no wife present)	0	0.0%	20	Low
Other family - female householder (no husband present)	9	0.2%	13	Low
Nonfamily household - male householder	171	3.5%	83	Medium
Nonfamily household - female householder	156	3.2%	91	Medium
Income in the past 12 months at or above poverty level	4,478	90.8%	259	High
Married-couple family	2,585	52.4%	293	High
Other family - male householder (no wife present)	33	0.7%	40	Low
Other family - female householder (no husband present)	192	3.9%	87	Medium
Nonfamily household - male householder	749	15.2%	259	Medium
Nonfamily household - female householder	919	18.6%	263	Medium

Source: U.S. Census Bureau, 2016-2020 American Community Survey

Reliability: High Medium Low

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ACS Population Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

	2016-2020 ACS Estimate	Percent	MOE(±)	Reliability
HOUSEHOLDS BY OTHER INCOME				
Social Security Income	2,472	50.1%	339	High
No Social Security Income	2,461	49.9%	363	High
Retirement Income	2,028	41.1%	370	High
No Retirement Income	2,905	58.9%	391	High
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS				
<10% of Income	60	5.2%	44	Low
10-14.9% of Income	56	4.9%	42	Low
15-19.9% of Income	112	9.7%	68	Medium
20-24.9% of Income	124	10.8%	64	Medium
25-29.9% of Income	229	19.9%	230	Low
30-34.9% of Income	90	7.8%	52	Medium
35-39.9% of Income	27	2.3%	25	Low
40-49.9% of Income	21	1.8%	26	Low
50+% of Income	332	28.8%	118	Medium
Gross Rent % Inc Not Computed	101	8.8%	59	Medium
HOUSEHOLDS BY PUBLIC ASSISTANCE INCOME IN THE PAST 12 MONTHS				
Total	4,933	100.0%	253	High
With public assistance income	41	0.8%	35	Low
No public assistance income	4,892	99.2%	265	High
HOUSEHOLDS BY FOOD STAMPS/SNAP STATUS				
Total	4,933	100.0%	253	High
With Food Stamps/SNAP	79	1.6%	52	Low
With No Food Stamps/SNAP	4,854	98.4%	253	High
HOUSEHOLDS BY DISABILITY STATUS				
Total	4,933	100.0%	253	High
With 1+ Persons w/Disability	1,154	23.4%	296	Medium
With No Person w/Disability	3,779	76.6%	311	High

Data Note: N/A means not available. Population by Ratio of Income to Poverty Level represents persons for whom poverty status is determined. Household income represents income in 2020, adjusted for inflation.

2016-2020 ACS Estimate: The American Community Survey (ACS) replaces census sample data. Esri is releasing the 2016-2020 ACS estimates, five-year period data collected monthly from January 1, 2016 through December 31, 2020. Although the ACS includes many of the subjects previously covered by the decennial census sample, there are significant differences between the two surveys including fundamental differences in survey design and residency rules.

Margin of error (MOE): The MOE is a measure of the variability of the estimate due to sampling error. MOEs enable the data user to measure the range of uncertainty for each estimate with 90 percent confidence. The range of uncertainty is called the confidence interval, and it is calculated by taking the estimate +/- the MOE. For example, if the ACS reports an estimate of 100 with an MOE of +/- 20, then you can be 90 percent certain the value for the whole population falls between 80 and 120.

Reliability: These symbols represent threshold values that Esri has established from the Coefficients of Variation (CV) to designate the usability of the estimates. The CV measures the amount of sampling error relative to the size of the estimate, expressed as a percentage.

- High Reliability: Small CVs (less than or equal to 12 percent) are flagged green to indicate that the sampling error is small relative to the estimate and the estimate is reasonably reliable.
- Medium Reliability: Estimates with CVs between 12 and 40 are flagged yellow-use with caution.
- Low Reliability: Large CVs (over 40 percent) are flagged red to indicate that the sampling error is large relative to the estimate. The estimate is considered very unreliable.



St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

Population Summary

2010 Total Population	9,343
2020 Total Population	8,879
2020 Group Quarters	0
2022 Total Population	9,064
2022 Group Quarters	0
2027 Total Population	9,193
2022-2027 Annual Rate	0.28%
2022 Total Daytime Population	11,949
Workers	7,302
Residents	4,647

Household Summary

2010 Households	5,104
2010 Average Household Size	1.83
2020 Total Households	4,979
2020 Average Household Size	1.78
2022 Households	5,060
2022 Average Household Size	1.79
2027 Households	5,143
2027 Average Household Size	1.79
2022-2027 Annual Rate	0.33%
2010 Families	2,556
2010 Average Family Size	2.41
2022 Families	2,518
2022 Average Family Size	2.37
2027 Families	2,549
2027 Average Family Size	2.37
2022-2027 Annual Rate	0.25%

Housing Unit Summary

2000 Housing Units	7,955
Owner Occupied Housing Units	47.6%
Renter Occupied Housing Units	20.3%
Vacant Housing Units	32.1%
2010 Housing Units	7,855
Owner Occupied Housing Units	43.8%
Renter Occupied Housing Units	21.1%
Vacant Housing Units	35.0%
2020 Housing Units	8,036
Vacant Housing Units	38.0%
2022 Housing Units	8,118
Owner Occupied Housing Units	46.6%
Renter Occupied Housing Units	15.8%
Vacant Housing Units	37.7%
2027 Housing Units	8,206
Owner Occupied Housing Units	47.3%
Renter Occupied Housing Units	15.4%
Vacant Housing Units	37.3%

Median Household Income

2022	\$87,167
2027	\$101,940

Median Home Value

2022	\$535,210
2027	\$560,630

Per Capita Income

2022	\$79,342
2027	\$92,121

Median Age

2010	56.0
2022	60.9
2027	62.1

Data Note: Household population includes persons not residing in group quarters. Average Household Size is the household population divided by total households. Persons in families include the householder and persons related to the householder by birth, marriage, or adoption. Per Capita Income represents the income received by all persons aged 15 years and over divided by the total population.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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Community Profile

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

2022 Households by Income

Household Income Base	5,059
<\$15,000	6.7%
\$15,000 - \$24,999	4.8%
\$25,000 - \$34,999	5.8%
\$35,000 - \$49,999	7.8%
\$50,000 - \$74,999	14.3%
\$75,000 - \$99,999	18.5%
\$100,000 - \$149,999	13.6%
\$150,000 - \$199,999	9.1%
\$200,000+	19.3%
Average Household Income	\$142,198

2027 Households by Income

Household Income Base	5,144
<\$15,000	4.4%
\$15,000 - \$24,999	3.0%
\$25,000 - \$34,999	3.6%
\$35,000 - \$49,999	6.0%
\$50,000 - \$74,999	13.3%
\$75,000 - \$99,999	18.9%
\$100,000 - \$149,999	15.9%
\$150,000 - \$199,999	13.5%
\$200,000+	21.5%
Average Household Income	\$164,686

2022 Owner Occupied Housing Units by Value

Total	3,779
<\$50,000	0.2%
\$50,000 - \$99,999	1.4%
\$100,000 - \$149,999	0.2%
\$150,000 - \$199,999	0.8%
\$200,000 - \$249,999	4.1%
\$250,000 - \$299,999	5.2%
\$300,000 - \$399,999	20.3%
\$400,000 - \$499,999	13.2%
\$500,000 - \$749,999	32.8%
\$750,000 - \$999,999	17.3%
\$1,000,000 - \$1,499,999	2.3%
\$1,500,000 - \$1,999,999	1.4%
\$2,000,000 +	0.8%
Average Home Value	\$584,798

2027 Owner Occupied Housing Units by Value

Total	3,879
<\$50,000	0.0%
\$50,000 - \$99,999	0.1%
\$100,000 - \$149,999	0.0%
\$150,000 - \$199,999	0.2%
\$200,000 - \$249,999	2.0%
\$250,000 - \$299,999	3.8%
\$300,000 - \$399,999	20.0%
\$400,000 - \$499,999	14.9%
\$500,000 - \$749,999	37.0%
\$750,000 - \$999,999	18.2%
\$1,000,000 - \$1,499,999	2.1%
\$1,500,000 - \$1,999,999	1.1%
\$2,000,000 +	0.5%
Average Home Value	\$600,935

Data Note: Income represents the preceding year, expressed in current dollars. Household income includes wage and salary earnings, interest dividends, net rents, pensions, SSI and welfare payments, child support, and alimony.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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Community Profile

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

		St. Pete Beac...
2010 Population by Age		
Total		9,342
0 - 4		1.9%
5 - 9		2.9%
10 - 14		3.1%
15 - 24		5.8%
25 - 34		6.8%
35 - 44		9.6%
45 - 54		18.1%
55 - 64		19.5%
65 - 74		16.5%
75 - 84		11.3%
85 +		4.6%
18 +		90.4%
2022 Population by Age		
Total		9,062
0 - 4		1.6%
5 - 9		2.2%
10 - 14		2.6%
15 - 24		5.0%
25 - 34		6.6%
35 - 44		8.0%
45 - 54		13.4%
55 - 64		20.1%
65 - 74		22.1%
75 - 84		13.3%
85 +		5.2%
18 +		92.2%
2027 Population by Age		
Total		9,190
0 - 4		1.7%
5 - 9		2.1%
10 - 14		2.5%
15 - 24		4.7%
25 - 34		6.8%
35 - 44		8.4%
45 - 54		12.1%
55 - 64		17.8%
65 - 74		22.9%
75 - 84		15.5%
85 +		5.5%
18 +		92.4%
2010 Population by Sex		
Males		4,624
Females		4,719
2022 Population by Sex		
Males		4,506
Females		4,556
2027 Population by Sex		
Males		4,570
Females		4,620

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beach...

2010 Population by Race/Ethnicity

Total	9,344
White Alone	96.0%
Black Alone	0.7%
American Indian Alone	0.3%
Asian Alone	1.1%
Pacific Islander Alone	0.0%
Some Other Race Alone	0.9%
Two or More Races	1.0%
Hispanic Origin	4.4%
Diversity Index	15.6

2020 Population by Race/Ethnicity

Total	8,879
White Alone	90.9%
Black Alone	0.6%
American Indian Alone	0.2%
Asian Alone	1.3%
Pacific Islander Alone	0.1%
Some Other Race Alone	1.0%
Two or More Races	5.8%
Hispanic Origin	5.0%
Diversity Index	24.9

2022 Population by Race/Ethnicity

Total	9,064
White Alone	90.4%
Black Alone	0.7%
American Indian Alone	0.2%
Asian Alone	1.3%
Pacific Islander Alone	0.1%
Some Other Race Alone	1.1%
Two or More Races	6.3%
Hispanic Origin	5.2%
Diversity Index	25.9

2027 Population by Race/Ethnicity

Total	9,193
White Alone	89.0%
Black Alone	0.7%
American Indian Alone	0.2%
Asian Alone	1.4%
Pacific Islander Alone	0.1%
Some Other Race Alone	1.2%
Two or More Races	7.4%
Hispanic Origin	5.7%
Diversity Index	28.8

2010 Population by Relationship and Household Type

Total	9,343
In Households	99.9%
In Family Households	67.1%
Householder	27.3%
Spouse	23.0%
Child	13.6%
Other relative	1.9%
Nonrelative	1.2%
In Nonfamily Households	32.8%
In Group Quarters	0.1%
Institutionalized Population	0.0%
Noninstitutionalized Population	0.1%

Data Note: Persons of Hispanic Origin may be of any race. The Diversity Index measures the probability that two people from the same area will be from different race/ethnic groups.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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Community Profile

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

2022 Population 25+ by Educational Attainment

Total	8,039
Less than 9th Grade	0.9%
9th - 12th Grade, No Diploma	3.0%
High School Graduate	15.7%
GED/Alternative Credential	1.8%
Some College, No Degree	18.5%
Associate Degree	9.8%
Bachelor's Degree	30.3%
Graduate/Professional Degree	20.0%

2022 Population 15+ by Marital Status

Total	8,492
Never Married	19.1%
Married	57.0%
Widowed	8.1%
Divorced	15.7%

2022 Civilian Population 16+ in Labor Force

Civilian Population 16+	4,629
Population 16+ Employed	96.5%
Population 16+ Unemployment rate	3.5%
Population 16-24 Employed	6.6%
Population 16-24 Unemployment rate	8.1%
Population 25-54 Employed	49.4%
Population 25-54 Unemployment rate	3.2%
Population 55-64 Employed	26.9%
Population 55-64 Unemployment rate	4.0%
Population 65+ Employed	17.1%
Population 65+ Unemployment rate	1.4%

2022 Employed Population 16+ by Industry

Total	4,469
Agriculture/Mining	0.1%
Construction	2.3%
Manufacturing	3.7%
Wholesale Trade	2.3%
Retail Trade	10.3%
Transportation/Utilities	5.6%
Information	5.5%
Finance/Insurance/Real Estate	11.7%
Services	54.8%
Public Administration	3.7%

2022 Employed Population 16+ by Occupation

Total	4,469
White Collar	76.8%
Management/Business/Financial	24.1%
Professional	26.9%
Sales	14.7%
Administrative Support	11.0%
Services	15.6%
Blue Collar	7.7%
Farming/Forestry/Fishing	0.0%
Construction/Extraction	0.8%
Installation/Maintenance/Repair	1.5%
Production	0.7%
Transportation/Material Moving	4.7%

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

2010 Households by Type

Total	5,104
Households with 1 Person	40.8%
Households with 2+ People	59.2%
Family Households	50.1%
Husband-wife Families	42.2%
With Related Children	7.0%
Other Family (No Spouse Present)	7.9%
Other Family with Male Householder	2.5%
With Related Children	1.1%
Other Family with Female Householder	5.4%
With Related Children	2.5%
Nonfamily Households	9.2%

All Households with Children	10.9%
------------------------------	-------

Multigenerational Households	0.9%
Unmarried Partner Households	6.5%
Male-female	5.6%
Same-sex	1.0%

2010 Households by Size

Total	5,104
1 Person Household	40.8%
2 Person Household	44.8%
3 Person Household	8.1%
4 Person Household	4.3%
5 Person Household	1.5%
6 Person Household	0.4%
7 + Person Household	0.2%

2010 Households by Tenure and Mortgage Status

Total	5,104
Owner Occupied	67.5%
Owned with a Mortgage/Loan	34.3%
Owned Free and Clear	33.1%
Renter Occupied	32.5%

2022 Affordability, Mortgage and Wealth

Housing Affordability Index	77
Percent of Income for Mortgage	32.4%
Wealth Index	189

2010 Housing Units By Urban/ Rural Status

Total Housing Units	7,855
Housing Units Inside Urbanized Area	100.0%
Housing Units Inside Urbanized Cluster	0.0%
Rural Housing Units	0.0%

2010 Population By Urban/ Rural Status

Total Population	9,343
Population Inside Urbanized Area	100.0%
Population Inside Urbanized Cluster	0.0%
Rural Population	0.0%

Data Note: Households with children include any households with people under age 18, related or not. Multigenerational households are families with 3 or more parent-child relationships. Unmarried partner households are usually classified as nonfamily households unless there is another member of the household related to the householder. Multigenerational and unmarried partner households are reported only to the tract level. Esri estimated block group data, which is used to estimate polygons or non-standard geography.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

		St. Pete Beac...
Top 3 Tapestry Segments		
1.		Silver & Gold (9A)
2.		Golden Years (9B)
3.		Emerald City (8B)
2022 Consumer Spending		
Apparel & Services: Total \$		\$15,909,107
Average Spent		\$3,144.09
Spending Potential Index		131
Education: Total \$		\$13,202,857
Average Spent		\$2,609.26
Spending Potential Index		133
Entertainment/Recreation: Total \$		\$24,999,363
Average Spent		\$4,940.59
Spending Potential Index		135
Food at Home: Total \$		\$41,594,425
Average Spent		\$8,220.24
Spending Potential Index		133
Food Away from Home: Total \$		\$28,552,619
Average Spent		\$5,642.81
Spending Potential Index		131
Health Care: Total \$		\$50,947,093
Average Spent		\$10,068.60
Spending Potential Index		142
HH Furnishings & Equipment: Total \$		\$17,787,167
Average Spent		\$3,515.25
Spending Potential Index		137
Personal Care Products & Services: Total \$		\$7,229,350
Average Spent		\$1,428.73
Spending Potential Index		140
Shelter: Total \$		\$155,668,190
Average Spent		\$30,764.46
Spending Potential Index		134
Support Payments/Cash Contributions/Gifts in Kind: Total \$		\$21,100,020
Average Spent		\$4,169.96
Spending Potential Index		154
Travel: Total \$		\$21,004,315
Average Spent		\$4,151.05
Spending Potential Index		145
Vehicle Maintenance & Repairs: Total \$		\$8,597,790
Average Spent		\$1,699.17
Spending Potential Index		135

Data Note: Consumer spending shows the amount spent on a variety of goods and services by households that reside in the area. Expenditures are shown by broad budget categories that are not mutually exclusive. Consumer spending does not equal business revenue. Total and Average Amount Spent Per Household represent annual figures. The Spending Potential Index represents the amount spent in the area relative to a national average of 100.

Source: Consumer Spending data are derived from the 2018 and 2019 Consumer Expenditure Surveys, Bureau of Labor Statistics. Esri.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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Executive Summary

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

Population

2010 Population	9,343
2020 Population	8,879
2022 Population	9,064
2027 Population	9,193
2010-2020 Annual Rate	-0.51%
2020-2022 Annual Rate	0.92%
2022-2027 Annual Rate	0.28%
2022 Male Population	49.7%
2022 Female Population	50.3%
2022 Median Age	60.9

In the identified area, the current year population is 9,064. In 2020, the Census count in the area was 8,879. The rate of change since 2020 was 0.92% annually. The five-year projection for the population in the area is 9,193 representing a change of 0.28% annually from 2022 to 2027. Currently, the population is 49.7% male and 50.3% female.

Median Age

The median age in this area is 60.9, compared to U.S. median age of 38.9.

Race and Ethnicity

2022 White Alone	90.4%
2022 Black Alone	0.7%
2022 American Indian/Alaska Native Alone	0.2%
2022 Asian Alone	1.3%
2022 Pacific Islander Alone	0.1%
2022 Other Race	1.1%
2022 Two or More Races	6.3%
2022 Hispanic Origin (Any Race)	5.2%

Persons of Hispanic origin represent 5.2% of the population in the identified area compared to 19.0% of the U.S. population. Persons of Hispanic Origin may be of any race. The Diversity Index, which measures the probability that two people from the same area will be from different race/ethnic groups, is 25.9 in the identified area, compared to 71.6 for the U.S. as a whole.

Households

2022 Wealth Index	189
2010 Households	5,104
2020 Households	4,979
2022 Households	5,060
2027 Households	5,143
2010-2020 Annual Rate	-0.25%
2020-2022 Annual Rate	0.72%
2022-2027 Annual Rate	0.33%
2022 Average Household Size	1.79

The household count in this area has changed from 4,979 in 2020 to 5,060 in the current year, a change of 0.72% annually. The five-year projection of households is 5,143, a change of 0.33% annually from the current year total. Average household size is currently 1.79, compared to 1.78 in the year 2020. The number of families in the current year is 2,518 in the specified area.

Data Note: Income is expressed in current dollars. Housing Affordability Index and Percent of Income for Mortgage calculations are only available for areas with 50 or more owner-occupied housing units.

Source: U.S. Census Bureau. Esri forecasts for 2022 and 2027. Esri converted Census 2010 data into 2020 geography.

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Executive Summary

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

St. Pete Beac...

Mortgage Income

2022 Percent of Income for Mortgage	32.4%
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Median Household Income

2022 Median Household Income	\$87,167
2027 Median Household Income	\$101,940
2022-2027 Annual Rate	3.18%

Average Household Income

2022 Average Household Income	\$142,198
2027 Average Household Income	\$164,686
2022-2027 Annual Rate	2.98%

Per Capita Income

2022 Per Capita Income	\$79,342
2027 Per Capita Income	\$92,121
2022-2027 Annual Rate	3.03%

Households by Income

Current median household income is \$87,167 in the area, compared to \$72,414 for all U.S. households. Median household income is projected to be \$101,940 in five years, compared to \$84,445 for all U.S. households

Current average household income is \$142,198 in this area, compared to \$105,029 for all U.S. households. Average household income is projected to be \$164,686 in five years, compared to \$122,155 for all U.S. households

Current per capita income is \$79,342 in the area, compared to the U.S. per capita income of \$40,363. The per capita income is projected to be \$92,121 in five years, compared to \$47,064 for all U.S. households

Housing

2022 Housing Affordability Index	77
2010 Total Housing Units	7,855
2010 Owner Occupied Housing Units	3,443
2010 Renter Occupied Housing Units	1,661
2010 Vacant Housing Units	2,751
2020 Total Housing Units	8,036
2020 Vacant Housing Units	3,057
2022 Total Housing Units	8,118
2022 Owner Occupied Housing Units	3,780
2022 Renter Occupied Housing Units	1,280
2022 Vacant Housing Units	3,058
2027 Total Housing Units	8,206
2027 Owner Occupied Housing Units	3,878
2027 Renter Occupied Housing Units	1,265
2027 Vacant Housing Units	3,063

Currently, 46.6% of the 8,118 housing units in the area are owner occupied; 15.8%, renter occupied; and 37.7% are vacant. Currently, in the U.S., 58.2% of the housing units in the area are owner occupied; 31.8% are renter occupied; and 10.0% are vacant. In 2020, there were 8,036 housing units in the area and 38.0% vacant housing units. The annual rate of change in housing units since 2020 is 0.45%. Median home value in the area is \$535,210, compared to a median home value of \$283,272 for the U.S. In five years, median value is projected to change by 0.93% annually to \$560,630.

Data Note: Income is expressed in current dollars. Housing Affordability Index and Percent of Income for Mortgage calculations are only available for areas with 50 or more owner-occupied housing units.

Source: U.S. Census Bureau. Esri forecasts for 2022 and 2027. Esri converted Census 2010 data into 2020 geography.

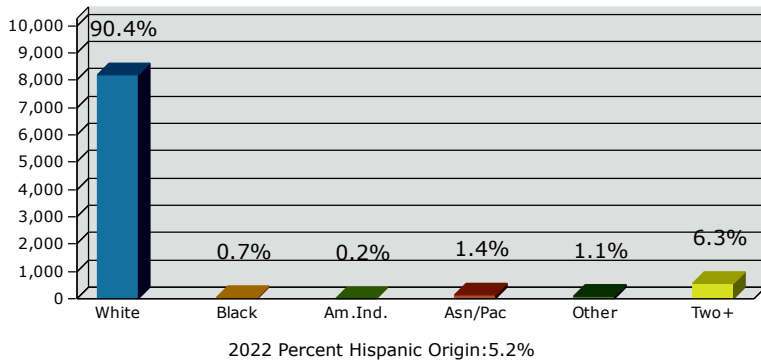
February 21, 2023



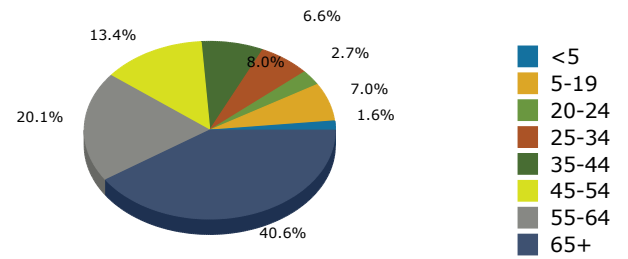
St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

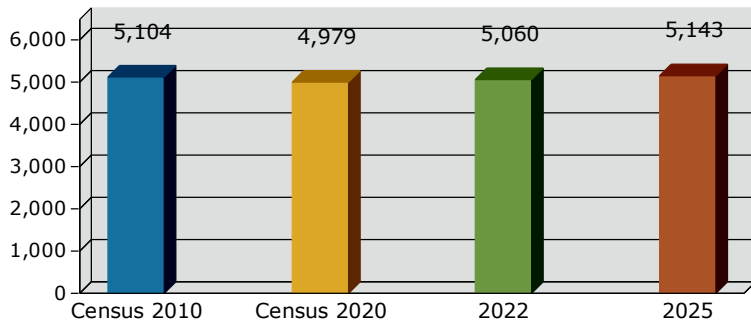
2022 Population by Race



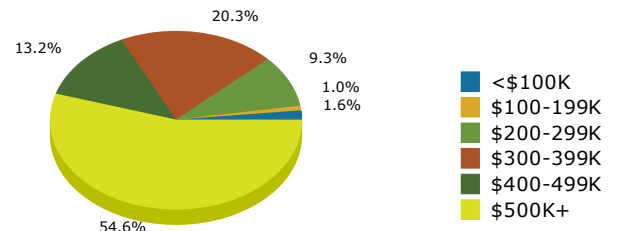
2022 Population by Age



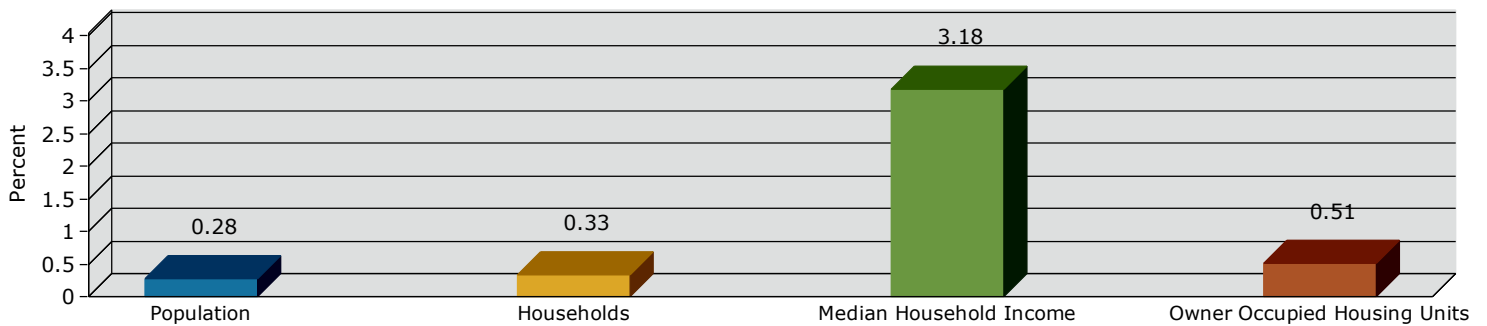
Households



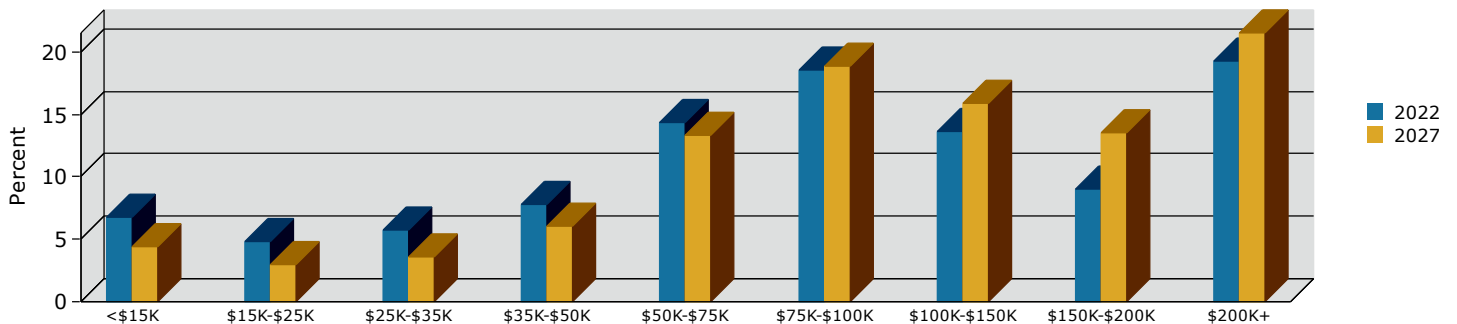
2022 Home Value



2022-2027 Annual Growth Rate



Household Income



Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2010 decennial Census data converted by Esri into 2020 geography.



Housing Profile

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

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Population		Households	
2010 Total Population	9,343	2022 Median Household Income	\$87,167
2020 Total Population	8,879	2027 Median Household Income	\$101,940
2022 Total Population	9,064	2022-2027 Annual Rate	3.18%
2027 Total Population	9,193		
2022-2027 Annual Rate	0.28%		

Housing Units by Occupancy Status and Tenure	Census 2010		2022		2027	
	Number	Percent	Number	Percent	Number	Percent
Total Housing Units	7,855	100.0%	8,118	100.0%	8,206	100.0%
Occupied	5,104	65.0%	5,060	62.3%	5,143	62.7%
Owner	3,443	43.8%	3,780	46.6%	3,878	47.3%
Renter	1,661	21.1%	1,280	15.8%	1,265	15.4%
Vacant	2,751	35.0%	3,058	37.7%	3,063	37.3%

Owner Occupied Housing Units by Value	2022		2027	
	Number	Percent	Number	Percent
Total	3,779	100.0%	3,879	100.0%
<\$50,000	9	0.2%	0	0.0%
\$50,000-\$99,999	52	1.4%	3	0.1%
\$100,000-\$149,999	7	0.2%	0	0.0%
\$150,000-\$199,999	31	0.8%	8	0.2%
\$200,000-\$249,999	154	4.1%	79	2.0%
\$250,000-\$299,999	196	5.2%	147	3.8%
\$300,000-\$399,999	766	20.3%	776	20.0%
\$400,000-\$499,999	500	13.2%	578	14.9%
\$500,000-\$749,999	1,239	32.8%	1,437	37.0%
\$750,000-\$999,999	654	17.3%	705	18.2%
\$1,000,000-\$1,499,999	87	2.3%	83	2.1%
\$1,500,000-\$1,999,999	53	1.4%	42	1.1%
\$2,000,000+	31	0.8%	21	0.5%
Median Value	\$535,210		\$560,630	
Average Value	\$584,798		\$600,935	

Census 2010 Housing Units	Number	Percent
Total	7,855	100.0%
In Urbanized Areas	7,855	100.0%
In Urban Clusters	0	0.0%
Rural Housing Units	0	0.0%

Data Note: Persons of Hispanic Origin may be of any race.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2010 decennial Census data converted by Esri into 2020 geography.

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Housing Profile

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

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Census 2010 Owner Occupied Housing Units by Mortgage Status		Number	Percent
Total		3,443	100.0%
Owned with a Mortgage/Loan		1,753	50.9%
Owned Free and Clear		1,690	49.1%

Census 2010 Vacant Housing Units by Status		Number	Percent
Total		2,752	100.0%
For Rent		341	12.4%
Rented- Not Occupied		26	0.9%
For Sale Only		165	6.0%
Sold - Not Occupied		27	1.0%
Seasonal/Recreational/Occasional Use		2,032	73.8%
For Migrant Workers		0	0.0%
Other Vacant		161	5.9%

Census 2010 Occupied Housing Units by Age of Householder and Home Ownership		Owner Occupied Units	
	Occupied Units	Number	% of Occupied
Total	5,105	3,444	67.5%
15-24	88	6	6.8%
25-34	310	64	20.6%
35-44	503	220	43.7%
45-54	1,045	608	58.2%
55-64	1,120	786	70.2%
65-74	978	830	84.9%
75-84	720	630	87.5%
85+	341	300	88.0%

Census 2010 Occupied Housing Units by Race/Ethnicity of Householder and Home Ownership		Owner Occupied Units	
	Occupied Units	Number	% of Occupied
Total	5,103	3,443	67.5%
White Alone	4,930	3,382	68.6%
Black/African American Alone	41	7	17.1%
American Indian/Alaska Native	15	6	40.0%
Asian Alone	48	30	62.5%
Pacific Islander Alone	2	1	50.0%
Other Race Alone	33	3	9.1%
Two or More Races	34	14	41.2%
Hispanic Origin	170	81	47.6%

Census 2010 Occupied Housing Units by Size and Home Ownership		Owner Occupied Units	
	Occupied Units	Number	% of Occupied
Total	5,104	3,443	67.5%
1-Person	2,080	1,208	58.1%
2-Person	2,285	1,722	75.4%
3-Person	415	282	68.0%
4-Person	220	155	70.5%
5-Person	76	53	69.7%
6-Person	20	16	80.0%
7+ Person	8	7	87.5%

2022 Housing Affordability	
Housing Affordability Index	77
Percent of Income for Mortgage	32.4%

Data Note: Persons of Hispanic Origin may be of any race.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2010 decennial Census data converted by Esri into 2020 geography.

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St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

Population Summary

2010 Total Population	9,343
2020 Total Population	8,879
2020 Group Quarters	0
2022 Total Population	9,064
2022 Group Quarters	0
2027 Total Population	9,193
2022-2027 Annual Rate	0.28%
2022 Total Daytime Population	11,949
Workers	7,302
Residents	4,647

Household Summary

2010 Households	5,104
2010 Average Household Size	1.83
2020 Total Households	4,979
2020 Average Household Size	1.78
2022 Households	5,060
2022 Average Household Size	1.79
2027 Households	5,143
2027 Average Household Size	1.79
2022-2027 Annual Rate	0.33%
2010 Families	2,556
2010 Average Family Size	2.41
2022 Families	2,518
2022 Average Family Size	2.37
2027 Families	2,549
2027 Average Family Size	2.37
2022-2027 Annual Rate	0.25%

Housing Unit Summary

2000 Housing Units	7,955
Owner Occupied Housing Units	47.6%
Renter Occupied Housing Units	20.3%
Vacant Housing Units	32.1%
2010 Housing Units	7,855
Owner Occupied Housing Units	43.8%
Renter Occupied Housing Units	21.1%
Vacant Housing Units	35.0%
2020 Housing Units	8,036
Vacant Housing Units	38.0%
2022 Housing Units	8,118
Owner Occupied Housing Units	46.6%
Renter Occupied Housing Units	15.8%
Vacant Housing Units	37.7%
2027 Housing Units	8,206
Owner Occupied Housing Units	47.3%
Renter Occupied Housing Units	15.4%
Vacant Housing Units	37.3%

Median Household Income

2022	\$87,167
2027	\$101,940

Median Home Value

2022	\$535,210
2027	\$560,630

Per Capita Income

2022	\$79,342
2027	\$92,121

Median Age

2010	56.0
2022	60.9
2027	62.1

Data Note: Household population includes persons not residing in group quarters. Average Household Size is the household population divided by total households. Persons in families include the householder and persons related to the householder by birth, marriage, or adoption. Per Capita Income represents the income received by all persons aged 15 years and over divided by the total population.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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Market Profile

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

2022 Households by Income

Household Income Base	5,059
<\$15,000	6.7%
\$15,000 - \$24,999	4.8%
\$25,000 - \$34,999	5.8%
\$35,000 - \$49,999	7.8%
\$50,000 - \$74,999	14.3%
\$75,000 - \$99,999	18.5%
\$100,000 - \$149,999	13.6%
\$150,000 - \$199,999	9.1%
\$200,000+	19.3%
Average Household Income	\$142,198

2027 Households by Income

Household Income Base	5,144
<\$15,000	4.4%
\$15,000 - \$24,999	3.0%
\$25,000 - \$34,999	3.6%
\$35,000 - \$49,999	6.0%
\$50,000 - \$74,999	13.3%
\$75,000 - \$99,999	18.9%
\$100,000 - \$149,999	15.9%
\$150,000 - \$199,999	13.5%
\$200,000+	21.5%
Average Household Income	\$164,686

2022 Owner Occupied Housing Units by Value

Total	3,779
<\$50,000	0.2%
\$50,000 - \$99,999	1.4%
\$100,000 - \$149,999	0.2%
\$150,000 - \$199,999	0.8%
\$200,000 - \$249,999	4.1%
\$250,000 - \$299,999	5.2%
\$300,000 - \$399,999	20.3%
\$400,000 - \$499,999	13.2%
\$500,000 - \$749,999	32.8%
\$750,000 - \$999,999	17.3%
\$1,000,000 - \$1,499,999	2.3%
\$1,500,000 - \$1,999,999	1.4%
\$2,000,000 +	0.8%
Average Home Value	\$584,798

2027 Owner Occupied Housing Units by Value

Total	3,879
<\$50,000	0.0%
\$50,000 - \$99,999	0.1%
\$100,000 - \$149,999	0.0%
\$150,000 - \$199,999	0.2%
\$200,000 - \$249,999	2.0%
\$250,000 - \$299,999	3.8%
\$300,000 - \$399,999	20.0%
\$400,000 - \$499,999	14.9%
\$500,000 - \$749,999	37.0%
\$750,000 - \$999,999	18.2%
\$1,000,000 - \$1,499,999	2.1%
\$1,500,000 - \$1,999,999	1.1%
\$2,000,000 +	0.5%
Average Home Value	\$600,935

Data Note: Income represents the preceding year, expressed in current dollars. Household income includes wage and salary earnings, interest dividends, net rents, pensions, SSI and welfare payments, child support, and alimony.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

February 21, 2023



Market Profile

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

		St. Pete Beac...
2010 Population by Age		
Total		9,342
0 - 4		1.9%
5 - 9		2.9%
10 - 14		3.1%
15 - 24		5.8%
25 - 34		6.8%
35 - 44		9.6%
45 - 54		18.1%
55 - 64		19.5%
65 - 74		16.5%
75 - 84		11.3%
85 +		4.6%
18 +		90.4%
2022 Population by Age		
Total		9,062
0 - 4		1.6%
5 - 9		2.2%
10 - 14		2.6%
15 - 24		5.0%
25 - 34		6.6%
35 - 44		8.0%
45 - 54		13.4%
55 - 64		20.1%
65 - 74		22.1%
75 - 84		13.3%
85 +		5.2%
18 +		92.2%
2027 Population by Age		
Total		9,190
0 - 4		1.7%
5 - 9		2.1%
10 - 14		2.5%
15 - 24		4.7%
25 - 34		6.8%
35 - 44		8.4%
45 - 54		12.1%
55 - 64		17.8%
65 - 74		22.9%
75 - 84		15.5%
85 +		5.5%
18 +		92.4%
2010 Population by Sex		
Males		4,624
Females		4,719
2022 Population by Sex		
Males		4,506
Females		4,556
2027 Population by Sex		
Males		4,570
Females		4,620

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

2010 Population by Race/Ethnicity

Total	9,344
White Alone	96.0%
Black Alone	0.7%
American Indian Alone	0.3%
Asian Alone	1.1%
Pacific Islander Alone	0.0%
Some Other Race Alone	0.9%
Two or More Races	1.0%
Hispanic Origin	4.4%
Diversity Index	15.6

2020 Population by Race/Ethnicity

Total	8,879
White Alone	90.9%
Black Alone	0.6%
American Indian Alone	0.2%
Asian Alone	1.3%
Pacific Islander Alone	0.1%
Some Other Race Alone	1.0%
Two or More Races	5.8%
Hispanic Origin	5.0%
Diversity Index	24.9

2022 Population by Race/Ethnicity

Total	9,064
White Alone	90.4%
Black Alone	0.7%
American Indian Alone	0.2%
Asian Alone	1.3%
Pacific Islander Alone	0.1%
Some Other Race Alone	1.1%
Two or More Races	6.3%
Hispanic Origin	5.2%
Diversity Index	25.9

2027 Population by Race/Ethnicity

Total	9,193
White Alone	89.0%
Black Alone	0.7%
American Indian Alone	0.2%
Asian Alone	1.4%
Pacific Islander Alone	0.1%
Some Other Race Alone	1.2%
Two or More Races	7.4%
Hispanic Origin	5.7%
Diversity Index	28.8

2010 Population by Relationship and Household Type

Total	9,343
In Households	99.9%
In Family Households	67.1%
Householder	27.3%
Spouse	23.0%
Child	13.6%
Other relative	1.9%
Nonrelative	1.2%
In Nonfamily Households	32.8%
In Group Quarters	0.1%
Institutionalized Population	0.0%
Noninstitutionalized Population	0.1%

Data Note: Persons of Hispanic Origin may be of any race. The Diversity Index measures the probability that two people from the same area will be from different race/ethnic groups.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

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St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

St. Pete Beac...

2022 Population 25+ by Educational Attainment

Total	8,039
Less than 9th Grade	0.9%
9th - 12th Grade, No Diploma	3.0%
High School Graduate	15.7%
GED/Alternative Credential	1.8%
Some College, No Degree	18.5%
Associate Degree	9.8%
Bachelor's Degree	30.3%
Graduate/Professional Degree	20.0%

2022 Population 15+ by Marital Status

Total	8,492
Never Married	19.1%
Married	57.0%
Widowed	8.1%
Divorced	15.7%

2022 Civilian Population 16+ in Labor Force

Civilian Population 16+	4,629
Population 16+ Employed	96.5%
Population 16+ Unemployment rate	3.5%
Population 16-24 Employed	6.6%
Population 16-24 Unemployment rate	8.1%
Population 25-54 Employed	49.4%
Population 25-54 Unemployment rate	3.2%
Population 55-64 Employed	26.9%
Population 55-64 Unemployment rate	4.0%
Population 65+ Employed	17.1%
Population 65+ Unemployment rate	1.4%

2022 Employed Population 16+ by Industry

Total	4,469
Agriculture/Mining	0.1%
Construction	2.3%
Manufacturing	3.7%
Wholesale Trade	2.3%
Retail Trade	10.3%
Transportation/Utilities	5.6%
Information	5.5%
Finance/Insurance/Real Estate	11.7%
Services	54.8%
Public Administration	3.7%

2022 Employed Population 16+ by Occupation

Total	4,469
White Collar	76.8%
Management/Business/Financial	24.1%
Professional	26.9%
Sales	14.7%
Administrative Support	11.0%
Services	15.6%
Blue Collar	7.7%
Farming/Forestry/Fishing	0.0%
Construction/Extraction	0.8%
Installation/Maintenance/Repair	1.5%
Production	0.7%
Transportation/Material Moving	4.7%

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

February 21, 2023



St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

		St. Pete Beac...
2010 Households by Type		
Total		5,104
Households with 1 Person		40.8%
Households with 2+ People		59.2%
Family Households		50.1%
Husband-wife Families		42.2%
With Related Children		7.0%
Other Family (No Spouse Present)		7.9%
Other Family with Male Householder		2.5%
With Related Children		1.1%
Other Family with Female Householder		5.4%
With Related Children		2.5%
Nonfamily Households		9.2%
All Households with Children		10.9%
Multigenerational Households		0.9%
Unmarried Partner Households		6.5%
Male-female		5.6%
Same-sex		1.0%
2010 Households by Size		
Total		5,104
1 Person Household		40.8%
2 Person Household		44.8%
3 Person Household		8.1%
4 Person Household		4.3%
5 Person Household		1.5%
6 Person Household		0.4%
7 + Person Household		0.2%
2010 Households by Tenure and Mortgage Status		
Total		5,104
Owner Occupied		67.5%
Owned with a Mortgage/Loan		34.3%
Owned Free and Clear		33.1%
Renter Occupied		32.5%
2022 Affordability, Mortgage and Wealth		
Housing Affordability Index		77
Percent of Income for Mortgage		32.4%
Wealth Index		189
2010 Housing Units By Urban/ Rural Status		
Total Housing Units		7,855
Housing Units Inside Urbanized Area		100.0%
Housing Units Inside Urbanized Cluster		0.0%
Rural Housing Units		0.0%
2010 Population By Urban/ Rural Status		
Total Population		9,343
Population Inside Urbanized Area		100.0%
Population Inside Urbanized Cluster		0.0%
Rural Population		0.0%

Data Note: Households with children include any households with people under age 18, related or not. Multigenerational households are families with 3 or more parent-child relationships. Unmarried partner households are usually classified as nonfamily households unless there is another member of the household related to the householder. Multigenerational and unmarried partner households are reported only to the tract level. Esri estimated block group data, which is used to estimate polygons or non-standard geography.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.



St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

		St. Pete Beac...
Top 3 Tapestry Segments		
1.		Silver & Gold (9A)
2.		Golden Years (9B)
3.		Emerald City (8B)
2022 Consumer Spending		
Apparel & Services: Total \$		\$15,909,107
Average Spent		\$3,144.09
Spending Potential Index		131
Education: Total \$		\$13,202,857
Average Spent		\$2,609.26
Spending Potential Index		133
Entertainment/Recreation: Total \$		\$24,999,363
Average Spent		\$4,940.59
Spending Potential Index		135
Food at Home: Total \$		\$41,594,425
Average Spent		\$8,220.24
Spending Potential Index		133
Food Away from Home: Total \$		\$28,552,619
Average Spent		\$5,642.81
Spending Potential Index		131
Health Care: Total \$		\$50,947,093
Average Spent		\$10,068.60
Spending Potential Index		142
HH Furnishings & Equipment: Total \$		\$17,787,167
Average Spent		\$3,515.25
Spending Potential Index		137
Personal Care Products & Services: Total \$		\$7,229,350
Average Spent		\$1,428.73
Spending Potential Index		140
Shelter: Total \$		\$155,668,190
Average Spent		\$30,764.46
Spending Potential Index		134
Support Payments/Cash Contributions/Gifts in Kind: Total \$		\$21,100,020
Average Spent		\$4,169.96
Spending Potential Index		154
Travel: Total \$		\$21,004,315
Average Spent		\$4,151.05
Spending Potential Index		145
Vehicle Maintenance & Repairs: Total \$		\$8,597,790
Average Spent		\$1,699.17
Spending Potential Index		135

Data Note: Consumer spending shows the amount spent on a variety of goods and services by households that reside in the area. Expenditures are shown by broad budget categories that are not mutually exclusive. Consumer spending does not equal business revenue. Total and Average Amount Spent Per Household represent annual figures. The Spending Potential Index represents the amount spent in the area relative to a national average of 100.

Source: Consumer Spending data are derived from the 2018 and 2019 Consumer Expenditure Surveys, Bureau of Labor Statistics. Esri.

Source: Esri forecasts for 2022 and 2027. U.S. Census Bureau 2000 and 2010 decennial Census data converted by Esri into 2020 geography.

February 21, 2023



Restaurant Market Potential

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

Demographic Summary		2022	2027	
Population		9,064	9,193	
Population 18+		8,354	8,495	
Households		5,060	5,143	
Median Household Income		\$87,167	\$101,940	
Product/Consumer Behavior	Expected Number of			
	Adults	Percent	MPI	
Went to family restaurant/steak house in last 6 months		5,654	67.7%	101
Went to family restaurant/steak house 4+ times/month last 30 days		1,740	20.8%	100
Spent at family restaurant/steak house last 30 days: \$1-30		549	6.6%	96
Spent at family restaurant/steak house 30 days: \$31-50		718	8.6%	101
Spent at family restaurant/steak house last 30 days: \$51-100		1,165	13.9%	99
Spent at family restaurant/steak house last 30 days: \$101-200		641	7.7%	90
Spent at family restaurant/steak house last 30 days: \$201+		385	4.6%	117
Spent at fine dining last 30 days: \$1-100		359	4.3%	142
Spent at fine dining last 30 days: \$101+		564	6.8%	181
Went to family restaurant last 6 months: for breakfast		771	9.2%	91
Went to family restaurant last 6 months: for lunch		1,395	16.7%	104
Went to family restaurant last 6 months: for dinner		3,474	41.6%	98
Went to family restaurant last 6 months: for snack		94	1.1%	73
Went to family restaurant last 6 months: on weekday		2,736	32.8%	116
Went to family restaurant last 6 months: on weekend		2,549	30.5%	84
Went to family restaurant last 6 months: Applebee` s		972	11.6%	80
Went to family restaurant last 6 months: Bob Evans		206	2.5%	99
Went to family restaurant last 6 months: Buffalo Wild Wings		408	4.9%	56
Went to family restaurant last 6 months: California Pizza Kitchen		165	2.0%	111
Went to family restaurant last 6 months: Carrabba's		306	3.7%	184
Went to family restaurant last 6 months: The Cheesecake Factory		448	5.4%	88
Went to family restaurant last 6 months: Chili` s Grill & Bar		623	7.5%	78
Went to family restaurant last 6 months: Cracker Barrel		755	9.0%	90
Went to family restaurant last 6 months: Denny` s		390	4.7%	71
Went to family restaurant last 6 months: Golden Corral		224	2.7%	64
Went to family restaurant last 6 months: IHOP		502	6.0%	81
Went to family restaurant last 6 months: Logan` s Roadhouse		133	1.6%	70
Went to family restaurant last 6 months: LongHorn Steakhouse		468	5.6%	106
Went to family restaurant last 6 months: Olive Garden		1,299	15.5%	109
Went to family restaurant last 6 months: Outback Steakhouse		686	8.2%	114
Went to family restaurant last 6 months: Red Lobster		484	5.8%	80
Went to family restaurant last 6 months: Red Robin		431	5.2%	85
Went to family restaurant last 6 months: Ruby Tuesday		210	2.5%	90
Went to family restaurant last 6 months: Texas Roadhouse		750	9.0%	85
Went to family restaurant last 6 months: T.G.I. Friday` s		209	2.5%	84
Went to family restaurant last 6 months: Waffle House		245	2.9%	61
Went to family restaurant last 6 months: fast food/drive-in		7,269	87.0%	96
Went to fast food/drive-in restaurant 9+ times/month		2,560	30.6%	81
Spent at fast food restaurant last 30 days: <\$1-10		395	4.7%	116
Spent at fast food restaurant last 30 days: \$11-\$20		806	9.6%	113
Spent at fast food restaurant last 30 days: \$21-\$40		1,425	17.1%	104
Spent at fast food restaurant last 30 days: \$41-\$50		775	9.3%	105
Spent at fast food restaurant last 30 days: \$51-\$100		1,291	15.5%	79
Spent at fast food restaurant last 30 days: \$101-\$200		692	8.3%	74
Spent at fast food restaurant last 30 days: \$201+		317	3.8%	86
Ordered eat-in fast food in the last 6 months		1,477	17.7%	78

Data Note: An MPI (Market Potential Index) measures the relative likelihood of the adults in the specified trade area to exhibit certain consumer behavior or purchasing patterns compared to the U.S. An MPI of 100 represents the U.S. average.

Source: These data are based upon national propensities to use various products and services, applied to local demographic composition. Usage data were collected by MRI-Simmons in a nationally representative survey of U.S. households. Esri forecasts for 2022 and 2027.

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Restaurant Market Potential

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

Product/Consumer Behavior	Expected Number of		MPI
	Adults	Percent	
Went to fast food restaurant in the last 6 months: eat in	1,477	17.7%	78
Went to fast food restaurant in the last 6 months: home delivery	720	8.6%	74
Went to fast food restaurant in the last 6 months: take-out/drive-thru	4,448	53.2%	95
Went to fast food restaurant in the last 6 months: take-out/walk-in	1,729	20.7%	97
Went to fast food restaurant in the last 6 months: breakfast	2,455	29.4%	86
Went to fast food restaurant in the last 6 months: lunch	4,250	50.9%	99
Went to fast food restaurant in the last 6 months: dinner	3,886	46.5%	92
Went to fast food restaurant in the last 6 months: snack	799	9.6%	77
Went to fast food restaurant in the last 6 months: weekday	5,118	61.3%	100
Went to fast food restaurant in the last 6 months: weekend	3,562	42.6%	85
Went to fast food restaurant in the last 6 months: A & W	137	1.6%	84
Went to fast food restaurant in the last 6 months: Arby's	1,111	13.3%	78
Went to fast food restaurant in the last 6 months: Baskin-Robbins	208	2.5%	76
Went to fast food restaurant in the last 6 months: Boston Market	186	2.2%	108
Went to fast food restaurant in the last 6 months: Burger King	1,816	21.7%	77
Went to fast food restaurant in the last 6 months: Captain D's	104	1.2%	42
Went to fast food restaurant in the last 6 months: Carl's Jr.	259	3.1%	59
Went to fast food restaurant in the last 6 months: Checkers	197	2.4%	89
Went to fast food restaurant in the last 6 months: Chick-fil-A	2,330	27.9%	93
Went to fast food restaurant in the last 6 months: Chipotle Mex. Grill	1,156	13.8%	96
Went to fast food restaurant in the last 6 months: Chuck E. Cheese's	71	0.8%	59
Went to fast food restaurant in the last 6 months: Church's Fr. Chicken	119	1.4%	45
Went to fast food restaurant in the last 6 months: Cold Stone Creamery	172	2.1%	79
Went to fast food restaurant in the last 6 months: Dairy Queen	1,091	13.1%	89
Went to fast food restaurant in the last 6 months: Del Taco	160	1.9%	57
Went to fast food restaurant in the last 6 months: Domino's Pizza	858	10.3%	69
Went to fast food restaurant in the last 6 months: Dunkin' Donuts	1,222	14.6%	103
Went to fast food restaurant in the last 6 months: Five Guys	751	9.0%	96
Went to fast food restaurant in the last 6 months: Hardee's	342	4.1%	78
Went to fast food restaurant in the last 6 months: Jack in the Box	298	3.6%	47
Went to fast food restaurant in the last 6 months: Jersey Mike's	466	5.6%	102
Went to fast food restaurant in the last 6 months: Jimmy John's	435	5.2%	95
Went to fast food restaurant in the last 6 months: KFC	1,157	13.8%	76
Went to fast food restaurant in the last 6 months: Krispy Kreme	384	4.6%	71
Went to fast food restaurant in the last 6 months: Little Caesars	501	6.0%	50
Went to fast food restaurant in the last 6 months: Long John Silver's	104	1.2%	49
Went to fast food restaurant in the last 6 months: McDonald's	3,696	44.2%	85
Went to fast food restaurant in the last 6 months: Panda Express	749	9.0%	78
Went to fast food restaurant in the last 6 months: Panera Bread	1,276	15.3%	123
Went to fast food restaurant in the last 6 months: Papa John's	491	5.9%	74
Went to fast food restaurant in the last 6 months: Papa Murphy's	335	4.0%	104
Went to fast food restaurant in the last 6 months: Pizza Hut	609	7.3%	57
Went to fast food restaurant in the last 6 months: Popeyes Chicken	726	8.7%	70
Went to fast food restaurant in the last 6 months: Sonic Drive-In	696	8.3%	70
Went to fast food restaurant in the last 6 months: Starbucks	1,570	18.8%	97
Went to fast food restaurant in the last 6 months: Steak 'n Shake	206	2.5%	64
Went to fast food restaurant in the last 6 months: Subway	1,590	19.0%	90
Went to fast food restaurant in the last 6 months: Taco Bell	1,735	20.8%	74
Went to fast food restaurant in the last 6 months: Wendy's	1,821	21.8%	84
Went to fast food restaurant in the last 6 months: Whataburger	363	4.3%	79
Went to fast food restaurant in the last 6 months: White Castle	166	2.0%	77
Went to fast food restaurant in the last 6 months: Wing-Stop	134	1.6%	52
Went to fine dining restaurant last month	1,075	12.9%	160
Went to fine dining restaurant 2+ times last month	483	5.8%	152

Data Note: An MPI (Market Potential Index) measures the relative likelihood of the adults in the specified trade area to exhibit certain consumer behavior or purchasing patterns compared to the U.S. An MPI of 100 represents the U.S. average.

Source: These data are based upon national propensities to use various products and services, applied to local demographic composition. Usage data were collected by MRI-Simmons in a nationally representative survey of U.S. households. Esri forecasts for 2022 and 2027.

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Retail Demand Outlook

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

Top Tapestry Segments	Percent	Demographic Summary	2022	2027
Silver & Gold (9A)	42.3%	Population	9,064	9,193
Golden Years (9B)	19.1%	Households	5,060	5,143
Emerald City (8B)	13.3%	Families	2,518	2,549
Exurbanites (1E)	10.4%	Median Age	60.9	62.1
In Style (5B)	6.5%	Median Household Income	\$87,167	\$101,940
		2022 Consumer Spending	2027 Forecasted Demand	Projected Spending Growth
Apparel and Services		\$15,909,107	\$18,748,962	\$2,839,855
Men's		\$3,280,037	\$3,863,884	\$583,847
Women's		\$5,751,759	\$6,771,801	\$1,020,042
Children's		\$1,952,667	\$2,308,680	\$356,013
Footwear		\$3,600,187	\$4,246,003	\$645,816
Watches & Jewelry		\$977,403	\$1,151,583	\$174,180
Apparel Products and Services (1)		\$462,640	\$543,404	\$80,764
Computer				
Computers and Hardware for Home Use		\$1,330,174	\$1,566,849	\$236,675
Portable Memory		\$32,632	\$38,442	\$5,810
Computer Software		\$72,472	\$85,536	\$13,064
Computer Accessories		\$147,225	\$173,469	\$26,244
Entertainment & Recreation		\$24,999,363	\$29,425,697	\$4,426,334
Fees and Admissions		\$5,938,762	\$6,988,602	\$1,049,840
Membership Fees for Clubs (2)		\$2,042,774	\$2,403,614	\$360,840
Fees for Participant Sports, excl. Trips		\$1,030,277	\$1,210,748	\$180,471
Tickets to Theatre/Operas/Concerts		\$665,745	\$782,783	\$117,038
Tickets to Movies		\$415,712	\$490,737	\$75,025
Tickets to Parks or Museums		\$252,671	\$297,830	\$45,159
Admission to Sporting Events, excl. Trips		\$506,295	\$595,573	\$89,278
Fees for Recreational Lessons		\$1,017,037	\$1,197,564	\$180,527
Dating Services		\$8,251	\$9,752	\$1,501
TV/Video/Audio		\$9,056,341	\$10,660,564	\$1,604,223
Cable and Satellite Television Services		\$6,379,239	\$7,499,141	\$1,119,902
Televisions		\$829,507	\$978,866	\$149,359
Satellite Dishes		\$11,237	\$13,314	\$2,077
VCRs, Video Cameras, and DVD Players		\$34,380	\$40,600	\$6,220
Miscellaneous Video Equipment		\$127,904	\$150,373	\$22,469
Video Cassettes and DVDs		\$54,961	\$65,003	\$10,042
Video Game Hardware/Accessories		\$183,307	\$217,184	\$33,877
Video Game Software		\$105,691	\$125,374	\$19,683
Rental/Streaming/Downloaded Video		\$496,347	\$587,255	\$90,908
Installation of Televisions		\$7,787	\$9,121	\$1,334
Audio (3)		\$808,115	\$953,253	\$145,138
Rental and Repair of TV/Radio/Sound Equipment		\$17,867	\$21,082	\$3,215
Pets		\$5,633,511	\$6,625,654	\$992,143
Toys/Games/Crafts/Hobbies (4)		\$801,380	\$946,853	\$145,473
Recreational Vehicles and Fees (5)		\$821,548	\$965,032	\$143,484
Sports/Recreation/Exercise Equipment (6)		\$1,317,306	\$1,554,306	\$237,000
Photo Equipment and Supplies (7)		\$330,395	\$390,482	\$60,087
Reading (8)		\$885,700	\$1,041,246	\$155,546
Catered Affairs (9)		\$216,159	\$255,030	\$38,871
Food		\$70,147,044	\$82,615,346	\$12,468,302
Food at Home		\$41,594,425	\$48,968,603	\$7,374,178
Bakery and Cereal Products		\$5,315,146	\$6,256,131	\$940,985
Meats, Poultry, Fish, and Eggs		\$8,918,167	\$10,497,333	\$1,579,166
Dairy Products		\$4,214,491	\$4,960,244	\$745,753
Fruits and Vegetables		\$8,228,647	\$9,684,362	\$1,455,715
Snacks and Other Food at Home (10)		\$14,917,974	\$17,570,533	\$2,652,559
Food Away from Home		\$28,552,619	\$33,646,744	\$5,094,125
Alcoholic Beverages		\$5,070,388	\$5,966,358	\$895,970

Data Note: The Consumer Spending data is household-based and represents the amount spent for a product or service by all households in an area. Detail may not sum to totals due to rounding. This report is not a comprehensive list of all consumer spending variables therefore the variables in each section may not sum to totals.

Source: Esri forecasts for 2022 and 2027; Consumer Spending data are derived from the 2018 and 2019 Consumer Expenditure Surveys, Bureau of Labor Statistics.



Retail Demand Outlook

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

	2022 Consumer Spending	2027 Forecasted Demand	Projected Spending Growth
Financial			
Value of Stocks/Bonds/Mutual Funds	\$254,575,607	\$298,764,078	\$44,188,471
Value of Retirement Plans	\$868,744,614	\$1,019,591,385	\$150,846,771
Value of Other Financial Assets	\$95,467,822	\$111,684,069	\$16,216,247
Vehicle Loan Amount excluding Interest	\$20,995,805	\$24,769,342	\$3,773,537
Value of Credit Card Debt	\$20,945,502	\$24,667,744	\$3,722,242
Health			
Nonprescription Drugs	\$1,211,049	\$1,424,438	\$213,389
Prescription Drugs	\$2,730,488	\$3,207,095	\$476,607
Eyeglasses and Contact Lenses	\$757,266	\$890,746	\$133,480
Home			
Mortgage Payment and Basics (11)	\$83,568,301	\$98,171,905	\$14,603,604
Maintenance and Remodeling Services	\$25,306,071	\$29,686,738	\$4,380,667
Maintenance and Remodeling Materials (12)	\$4,733,968	\$5,562,138	\$828,170
Utilities, Fuel, and Public Services	\$37,611,417	\$44,276,832	\$6,665,415
Household Furnishings and Equipment			
Household Textiles (13)	\$772,730	\$910,533	\$137,803
Furniture	\$4,832,499	\$5,694,426	\$861,927
Rugs	\$259,982	\$305,565	\$45,583
Major Appliances (14)	\$3,005,942	\$3,534,630	\$528,688
Housewares (15)	\$720,167	\$847,273	\$127,106
Small Appliances	\$392,124	\$462,396	\$70,272
Luggage	\$135,936	\$160,158	\$24,222
Telephones and Accessories	\$757,113	\$891,057	\$133,944
Household Operations			
Child Care	\$3,398,085	\$4,020,195	\$622,110
Lawn and Garden (16)	\$4,315,116	\$5,060,960	\$745,844
Moving/Storage/Freight Express	\$549,738	\$649,170	\$99,432
Housekeeping Supplies (17)	\$6,184,312	\$7,273,385	\$1,089,073
Insurance			
Owners and Renters Insurance	\$4,991,722	\$5,862,453	\$870,731
Vehicle Insurance	\$13,922,336	\$16,407,405	\$2,485,069
Life/Other Insurance	\$4,808,938	\$5,649,726	\$840,788
Health Insurance	\$33,451,246	\$39,316,706	\$5,865,460
Personal Care Products (18)	\$3,839,331	\$4,521,321	\$681,990
School Books and Supplies (19)	\$941,053	\$1,110,177	\$169,124
Smoking Products	\$2,520,968	\$2,978,200	\$457,232
Transportation			
Payments on Vehicles excluding Leases	\$18,952,003	\$22,337,428	\$3,385,425
Gasoline and Motor Oil	\$17,411,538	\$20,522,666	\$3,111,128
Vehicle Maintenance and Repairs	\$8,597,790	\$10,125,370	\$1,527,580
Travel			
Airline Fares	\$5,298,974	\$6,232,190	\$933,216
Lodging on Trips	\$5,913,564	\$6,949,504	\$1,035,940
Auto/Truck Rental on Trips	\$465,286	\$547,487	\$82,201
Food and Drink on Trips	\$4,895,879	\$5,758,761	\$862,882

Data Note: The Consumer Spending data is household-based and represents the amount spent for a product or service by all households in an area. Detail may not sum to totals due to rounding. This report is not a comprehensive list of all consumer spending variables therefore the variables in each section may not sum to totals.

Source: Esri forecasts for 2022 and 2027; Consumer Spending data are derived from the 2018 and 2019 Consumer Expenditure Surveys, Bureau of Labor Statistics.



St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

- (1) Apparel Products and Services** includes shoe repair and other shoe services, apparel laundry and dry cleaning, alteration, repair and tailoring of apparel, clothing rental and storage, and watch and jewelry repair.
- (2) Membership Fees for Clubs** includes membership fees for social, recreational, and health clubs.
- (3) Audio** includes satellite radio service, radios, stereos, sound components, equipment and accessories, digital audio players, records, CDs, audio tapes, streaming/downloaded audio, musical instruments and accessories, and rental and repair of musical instruments.
- (4) Toys and Games** includes toys, games, arts and crafts, tricycles, playground equipment, arcade games, online entertainment and games, and stamp and coin collecting.
- (5) Recreational Vehicles & Fees** includes docking and landing fees for boats and planes, payments on boats, trailers, campers and RVs, rental of boats, trailers, campers and RVs, and camp fees.
- (6) Sports/Recreation/Exercise Equipment** includes exercise equipment and gear, game tables, bicycles, camping equipment, hunting and fishing equipment, winter sports equipment, water sports equipment, other sports equipment, and rental/repair of sports/recreation/exercise equipment.
- (7) Photo Equipment and Supplies** includes film, film processing, photographic equipment, rental and repair of photo equipment, and photographer fees.
- (8) Reading** includes digital book readers, books, magazine and newspaper subscriptions, and single copies of magazines and newspapers.
- (9) Catered Affairs** includes expenses associated with live entertainment and rental of party supplies.
- (10) Snacks and Other Food at Home** includes candy, chewing gum, sugar, artificial sweeteners, jam, jelly, preserves, margarine, fats and oils, salad dressing, nondairy cream and milk, peanut butter, frozen prepared food, potato chips and other snacks, nuts, salt, spices, seasonings, olives, pickles, relishes, sauces, gravy, other condiments, soup, prepared salad, prepared dessert, baby food, miscellaneous prepared food, and nonalcoholic beverages.
- (11) Mortgage Payment and Basics** includes mortgage interest, mortgage principal, property taxes, homeowners insurance, and ground rent on owned dwellings.
- (12) Maintenance and Remodeling Materials** includes supplies/tools/equipment for painting and wallpapering, plumbing supplies and equipment, electrical/heating/AC supplies, materials for roofing/gutters, materials for plaster/panel/siding, materials for patio/fence/brick work, landscaping materials, and insulation materials for owned homes.
- (13) Household Textiles** includes bathroom linens, bedroom linens, kitchen linens, dining room linens, other linens, curtains, draperies, slipcovers and decorative pillows.
- (14) Major Appliances** includes dishwashers, disposals, refrigerators, freezers, washers, dryers, stoves, ovens, microwaves, window air conditioners, electric floor cleaning equipment, sewing machines, and miscellaneous appliances.
- (15) Housewares** includes flatware, dishes, cups glasses, serving pieces, nonelectric cookware, and tableware.
- (16) Lawn and Garden** includes lawn and garden supplies, equipment and care service, indoor plants, fresh flowers, and repair/rental of lawn and garden equipment.
- (17) Housekeeping Supplies** includes soaps and laundry detergents, cleaning products, toilet tissue, paper towels, napkins, paper/plastic/foil products, stationery, giftwrap supplies, postage, and delivery services.
- (18) Personal Care Products** includes hair care products, nonelectric articles for hair, wigs, hairpieces, oral hygiene products, shaving needs, perfume, cosmetics, skincare, bath products, nail products, deodorant, feminine hygiene products, adult diapers, other miscellaneous care products and personal care appliances.
- (19) School Books and Supplies** includes school books and supplies for college, elementary school, high school, vocational/technical school, preschool and other schools.

Data Note: The Consumer Spending data is household-based and represents the amount spent for a product or service by all households in an area. Detail may not sum to totals due to rounding. This report is not a comprehensive list of all consumer spending variables therefore the variables in each section may not sum to totals.

Source: Esri forecasts for 2022 and 2027; Consumer Spending data are derived from the 2018 and 2019 Consumer Expenditure Surveys, Bureau of Labor Statistics.



Retail Market Potential

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

Demographic Summary		2022	2027
Population		9,064	9,193
Population 18+		8,354	8,495
Households		5,060	5,143
Median Household Income		\$87,167	\$101,940
Product/Consumer Behavior	Expected Number of Adults or HHs	Percent of Adults/HHs	MPI
Apparel (Adults)			
Bought any men's clothing in last 12 months	4,488	53.7%	98
Bought any women's clothing in last 12 months	4,169	49.9%	103
Bought any shoes in last 12 months	5,984	71.6%	99
Bought any fine jewelry in last 12 months	1,591	19.0%	99
Bought a watch in last 12 months	1,128	13.5%	95
Automobiles (Households)			
HH owns/leases any vehicle	4,735	93.6%	104
HH bought/leased new vehicle last 12 months	625	12.4%	128
Automotive Aftermarket (Adults)			
Bought gasoline in last 6 months	7,675	91.9%	104
Bought/changed motor oil in last 12 months	3,673	44.0%	92
Had tune-up in last 12 months	2,190	26.2%	107
Beverages (Adults)			
Drank non-diet (regular) in last 6 months	2,451	29.3%	75
Drank beer/ale in last 6 months	3,673	44.0%	108
Cameras (Adults)			
Own digital point & shoot camera/camcorder	994	11.9%	122
Own digital SLR camera/camcorder	987	11.8%	121
Printed digital photos in last 12 months	2,373	28.4%	112
Cell Phones (Adults/Households)			
Bought cell phone in last 12 months	2,560	30.6%	94
Have a smartphone	7,617	91.2%	99
Have a smartphone: Android phone (any brand)	2,493	29.8%	75
Have a smartphone: Apple iPhone	5,134	61.5%	117
Number of cell phones in household: 1	1,841	36.4%	119
Number of cell phones in household: 2	2,243	44.3%	115
Number of cell phones in household: 3+	898	17.7%	61
HH has cell phone only (no landline telephone)	2,981	58.9%	88
Computers (Households)			
HH owns a computer	4,535	89.6%	110
HH owns desktop computer	2,264	44.7%	118
HH owns laptop/notebook	3,608	71.3%	109
HH owns any Apple/Mac brand computer	1,414	27.9%	125
HH owns any PC/non-Apple brand computer	3,562	70.4%	106
HH purchased most recent computer in a store	2,183	43.1%	116
HH purchased most recent computer online	1,279	25.3%	112
HH spent \$1-\$499 on most recent home computer	626	12.4%	80
HH spent \$500-\$999 on most recent home computer	1,190	23.5%	124
HH spent \$1,000-\$1,499 on most recent home computer	745	14.7%	123
HH spent \$1,500-\$1,999 on most recent home computer	323	6.4%	122
HH spent \$2,000+ on most recent home computer	371	7.3%	155

Data Note: An MPI (Market Potential Index) measures the relative likelihood of the adults or households in the specified trade area to exhibit certain consumer behavior or purchasing patterns compared to the U.S. An MPI of 100 represents the U.S. average.

Source: These data are based upon national propensities to use various products and services, applied to local demographic composition. Usage data were collected by MRI-Simmons in a nationally representative survey of U.S. households. Esri forecasts for 2022 and 2027.

February 21, 2023



Retail Market Potential

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

Product/Consumer Behavior	Expected Number of Adults or HHs	Percent of Adults/HHs	MPI
Convenience Stores (Adults)			
Shopped at convenience store in last 6 months	4,635	55.5%	89
Bought brewed coffee at convenience store in last 30 days	965	11.6%	93
Bought cigarettes at convenience store in last 30 days	285	3.4%	48
Bought gas at convenience store in last 30 days	2,775	33.2%	88
Spent at convenience store in last 30 days: \$1-19	700	8.4%	110
Spent at convenience store in last 30 days: \$20-\$39	864	10.3%	101
Spent at convenience store in last 30 days: \$40-\$50	641	7.7%	90
Spent at convenience store in last 30 days: \$51-\$99	378	4.5%	75
Spent at convenience store in last 30 days: \$100+	1,257	15.0%	74
Entertainment (Adults)			
Attended a movie in last 6 months	3,937	47.1%	98
Went to live theater in last 12 months	1,100	13.2%	131
Went to a bar/night club in last 12 months	1,471	17.6%	104
Dined out in last 12 months	4,784	57.3%	113
Gambled at a casino in last 12 months	951	11.4%	100
Visited a theme park in last 12 months	950	11.4%	79
Viewed movie (video-on-demand) in last 30 days	1,430	17.1%	132
Viewed TV show (video-on-demand) in last 30 days	1,042	12.5%	147
Watched any pay-per-view TV in last 12 months	846	10.1%	158
Downloaded a movie over the Internet in last 30 days	662	7.9%	104
Downloaded any individual song in last 6 months	1,607	19.2%	98
Used internet to watch a movie online in the last 30 days	2,580	30.9%	90
Used internet to watch a TV program online in last 30 days	1,642	19.7%	90
Played a video/electronic game (console) in last 12 months	648	7.8%	66
Played a video/electronic game (portable) in last 12 months	291	3.5%	58
Financial (Adults)			
Have home mortgage (1st)	3,339	40.0%	111
Used ATM/cash machine in last 12 months	5,229	62.6%	104
Own any stock	1,647	19.7%	164
Own U.S. savings bond	721	8.6%	140
Own shares in mutual fund (stock)	1,660	19.9%	178
Own shares in mutual fund (bonds)	1,032	12.4%	176
Have interest checking account	4,050	48.5%	137
Have non-interest checking account	2,961	35.4%	100
Have savings account	6,171	73.9%	108
Have 401K retirement savings plan	1,833	21.9%	101
Own/used any credit/debit card in last 12 months	7,895	94.5%	106
Avg monthly credit card expenditures: \$1-110	776	9.3%	78
Avg monthly credit card expenditures: \$111-\$225	646	7.7%	98
Avg monthly credit card expenditures: \$226-\$450	760	9.1%	103
Avg monthly credit card expenditures: \$451-\$700	774	9.3%	115
Avg monthly credit card expenditures: \$701-\$1,000	861	10.3%	137
Avg monthly credit card expenditures: \$1001-2000	1,155	13.8%	139
Avg monthly credit card expenditures: \$2001+	1,416	16.9%	191
Did banking online in last 12 months	5,065	60.6%	114
Did banking on mobile device in last 12 months	3,547	42.5%	101

Data Note: An MPI (Market Potential Index) measures the relative likelihood of the adults or households in the specified trade area to exhibit certain consumer behavior or purchasing patterns compared to the U.S. An MPI of 100 represents the U.S. average.

Source: These data are based upon national propensities to use various products and services, applied to local demographic composition. Usage data were collected by MRI-Simmons in a nationally representative survey of U.S. households. Esri forecasts for 2022 and 2027.

February 21, 2023



Retail Market Potential

St. Pete Beach City, FL
St. Pete Beach City, FL (1262885)
Geography: Place

Prepared by Esri

Product/Consumer Behavior	Expected Number of Adults/HHs	Percent of Adults/HHs	MPI
Grocery (Adults)			
HH used bread in last 6 months	4,777	94.4%	100
HH used chicken (fresh or frozen) in last 6 months	3,458	68.3%	100
HH used turkey (fresh or frozen) in last 6 months	823	16.3%	112
HH used fish/seafood (fresh or frozen) in last 6 months	3,081	60.9%	105
HH used fresh fruit/vegetables in last 6 months	4,551	89.9%	103
HH used fresh milk in last 6 months	4,211	83.2%	100
HH used organic food in last 6 months	1,395	27.6%	110
Health (Adults)			
Exercise at home 2+ times per week	3,883	46.5%	115
Exercise at club 2+ times per week	1,468	17.6%	128
Visited a doctor in last 12 months	7,027	84.1%	106
Used vitamin/dietary supplement in last 6 months	5,764	69.0%	114
Home (Households)			
HH did any home improvement in last 12 months	1,948	38.5%	112
HH used any maid/professional cleaning service in last 12 months	1,607	31.8%	155
HH purchased low ticket HH furnishings in last 12 months	1,126	22.3%	103
HH purchased big ticket HH furnishings in last 12 months	1,384	27.4%	105
HH bought any small kitchen appliance in last 12 months	1,221	24.1%	95
HH bought any large kitchen appliance in last 12 months	818	16.2%	104
Insurance (Adults/Households)			
Currently carry life insurance	4,140	49.6%	103
Carry medical/hospital/accident insurance	7,269	87.0%	107
Carry homeowner/personal property insurance	5,644	67.6%	119
Carry renter's insurance	813	9.7%	91
HH has auto insurance: 1 vehicle in household covered	1,688	33.4%	113
HH has auto insurance: 2 vehicles in household covered	1,723	34.1%	110
HH has auto insurance: 3+ vehicles in household covered	1,136	22.5%	90
Pets (Households)			
Household owns any pet	2,332	46.1%	88
Household owns any cat	1,033	20.4%	89
Household owns any dog	1,643	32.5%	82
Psychographics (Adults)			
Represents adults who "completely agree" with the statement:			
Buying American is important	3,506	42.0%	118
Buy based on quality not price	1,590	19.0%	111
Buy on credit rather than wait	1,188	14.2%	108
Only use coupons brands: usually buy	1,200	14.4%	105
Will pay more for environmentally safe products	1,188	14.2%	104
Buy based on price not brands	2,196	26.3%	91
Am interested in how to help the environment	1,764	21.1%	103
Reading (Adults)			
Bought digital book in last 12 months	1,711	20.5%	118
Bought hardcover book in last 12 months	2,373	28.4%	116
Bought paperback book in last 12 month	2,806	33.6%	108
Read any daily newspaper (paper version)	2,059	24.6%	160
Read any digital newspaper in last 30 days	4,660	55.8%	112
Read any magazine (paper/electronic version) in last 6 months	7,729	92.5%	105

Data Note: An MPI (Market Potential Index) measures the relative likelihood of the adults or households in the specified trade area to exhibit certain consumer behavior or purchasing patterns compared to the U.S. An MPI of 100 represents the U.S. average.

Source: These data are based upon national propensities to use various products and services, applied to local demographic composition. Usage data were collected by MRI-Simmons in a nationally representative survey of U.S. households. Esri forecasts for 2022 and 2027.

February 21, 2023



Retail Market Potential

St. Pete Beach City, FL
 St. Pete Beach City, FL (1262885)
 Geography: Place

Prepared by Esri

Product/Consumer Behavior	Expected Number of Adults or HHs	Percent of Adults/HHs	MPI
Restaurants (Adults)			
Went to family restaurant/steak house in last 6 months	5,654	67.7%	101
Went to family restaurant/steak house: 4+ times a month	1,740	20.8%	100
Went to fast food/drive-in restaurant in last 6 months	7,269	87.0%	96
Went to fast food/drive-in restaurant 9+ times/month	2,560	30.6%	81
Fast food restaurant last 6 months: eat in	1,477	17.7%	78
Fast food restaurant last 6 months: home delivery	720	8.6%	74
Fast food restaurant last 6 months: take-out/drive-thru	4,448	53.2%	95
Fast food restaurant last 6 months: take-out/walk-in	1,729	20.7%	97
Television & Electronics (Adults/Households)			
Own any tablet	5,242	62.7%	112
Own any e-reader	1,551	18.6%	152
Own e-reader/tablet: iPad	3,703	44.3%	128
HH has Internet connectable TV	2,314	45.7%	107
Own any portable MP3 player	1,251	15.0%	110
HH owns 1 TV	972	19.2%	98
HH owns 2 TVs	1,570	31.0%	113
HH owns 3 TVs	1,045	20.7%	93
HH owns 4+ TVs	1,053	20.8%	100
HH subscribes to cable TV	2,634	52.1%	140
HH subscribes to fiber optic	299	5.9%	109
HH owns portable GPS navigation device	1,237	24.4%	119
HH purchased video game system in last 12 months	212	4.2%	54
HH owns any Internet video device for TV	2,399	47.4%	105
Travel (Adults)			
Took domestic trip in continental US last 12 months	5,106	61.1%	115
Took 3+ domestic non-business trips in last 12 months	1,229	14.7%	117
Spent on domestic vacations in last 12 months: \$1-999	1,053	12.6%	101
Spent on domestic vacations in last 12 months: \$1,000-\$1,499	578	6.9%	111
Spent on domestic vacations in last 12 months: \$1,500-\$1,999	313	3.7%	99
Spent on domestic vacations in last 12 months: \$2,000-\$2,999	399	4.8%	127
Spent on domestic vacations in last 12 months: \$3,000+	748	9.0%	140
Domestic travel in last 12 months: used general travel website	551	6.6%	111
Took foreign trip (including Alaska and Hawaii) in last 3 years	3,572	42.8%	128
Took 3+ foreign trips by plane in last 3 years	952	11.4%	144
Spent on foreign vacations in last 12 months: \$1-999	775	9.3%	128
Spent on foreign vacations in last 12 months: \$1,000-\$2,999	256	3.1%	80
Spent on foreign vacations in last 12 months: \$3,000+	840	10.1%	167
Foreign travel in last 3 years: used general travel website	765	9.2%	140
Nights spent in hotel/motel in last 12 months: any	4,400	52.7%	116
Took cruise of more than one day in last 3 years	1,487	17.8%	165
Member of any frequent flyer program	3,206	38.4%	155
Member of any hotel rewards program	2,926	35.0%	136

Data Note: An MPI (Market Potential Index) measures the relative likelihood of the adults or households in the specified trade area to exhibit certain consumer behavior or purchasing patterns compared to the U.S. An MPI of 100 represents the U.S. average.

Source: These data are based upon national propensities to use various products and services, applied to local demographic composition. Usage data were collected by MRI-Simmons in a nationally representative survey of U.S. households. Esri forecasts for 2022 and 2027.

February 21, 2023

APPENDIX G: Wholesale Wastewater Service Agreement

APPENDIX F: Wholesale Wastewater Service Agreement

AGREEMENT FOR
WHOLESALE WASTEWATER SERVICE

THIS AGREEMENT FOR WHOLESALE WASTEWATER SERVICE, hereafter referred to as "WHOLESALE WASTEWATER SERVICE AGREEMENT" or "AGREEMENT," is made and entered into this 27th day of November, 2001, by and between the CITY OF ST. PETERSBURG, a Florida municipal corporation, herein referred to as "St. Petersburg," and the CITY OF ST. PETE BEACH, a Florida municipal corporation herein referred to as "ST. PETE BEACH." Both ST. PETERSBURG, as a provider of wholesale wastewater services, and ST. PETE BEACH, as recipient of wholesale wastewater services, collectively hereafter sometimes referred to as the "Parties," are located in the County of Pinellas, State of Florida.

WITNESSETH:

WHEREAS, St. Petersburg and St. Pete Beach are committed to comply with all State and Federal Laws, Rules and Regulations governing the wastewater systems as described in this Agreement; and

WHEREAS, St. Petersburg owns and operates a wastewater transmission, collection, treatment, and disposal system ("St. Petersburg's System"); and

WHEREAS, Federal and State environmental authorities recommended the expansion and improvement of the Northwest Wastewater Treatment Plant into a regional water reclamation and treatment facility, owned and operated by St. Petersburg; and

WHEREAS, a portion of the costs associated with such expansion and improvement of the Northwest Wastewater Treatment Plant into the regional Northwest Water Reclamation Facility (the "NWWRF") was paid by contributions from St. Pete Beach in accordance with the 201 Facilities Plan dated March 1978, which was approved by Environmental Protection Agency of the United States Government ("EPA") as the most feasible plan; and

WHEREAS, St. Petersburg agrees to provide, and St. Pete Beach agrees to pay for wastewater transmission, treatment, and disposal service subject to the terms of this Agreement; and

WHEREAS, St. Petersburg and St. Pete Beach have entered into a settlement agreement dated June 6, 2001 which provides, among other things, that the agreement between St. Petersburg and St. Pete Beach dated February 19, 1985 providing for wholesale wastewater service be revised based on the terms and conditions of the settlement agreement dated June 6, 2001; and

WHEREAS, the Parties have agreed to a rate methodology for wholesale wastewater service provided by St. Petersburg to St. Pete Beach; and

WHEREAS, St. Petersburg and St. Pete Beach covenant and agree that they have the power and authority to enter into this Agreement;

NOW, THEREFORE, in consideration of the mutual covenants and promises contained herein, the Parties hereby agree as follows:

1. SERVICE AND TERM OF AGREEMENT

(a) St. Petersburg agrees to provide and St. Pete Beach agrees to pay for wastewater transmission, treatment, and disposal service during the term of this Agreement and in accordance with the terms and conditions hereinafter set forth.

(b) St. Petersburg will continue to treat the total wastewater flow from St. Pete Beach at the NWWRF for as long as the NWWRF is in operation, in accordance with the standards of quality and the rules and regulations that are required by pertinent county, regional, state and federal agencies.

(c) The Parties agree that the NWWRF is a regional facility accommodating the treatment of wastewater from St. Petersburg, the City of Treasure Island ("Treasure Island"), St. Pete Beach, and possibly others. The Parties agree that St. Petersburg will maintain the sole responsibility for management, operation, and administration of the NWWRF.

(d) If St. Pete Beach should create any condition which would adversely affect the treatment and effluent disposal facilities of St. Petersburg, St. Petersburg shall give thirty (30) days notice to St. Pete Beach to discontinue such harmful operation or practice and, if such operation or practice is not discontinued within said period of time, or such period as determined by mutual agreement, then St. Petersburg may impose a surcharge or penalty for the duration of such harmful conditions. Such surcharge or penalty shall vary in accordance with the severity of the effect on St. Petersburg's wastewater facilities and will be in proportion to the actual costs incurred by St. Petersburg in treating the effluent because of the harmful conditions.

2. POINT OF CONNECTION

(a) All wastewater flows delivered to St. Petersburg from St. Pete Beach under this Agreement shall be delivered at the point of connection agreed upon between St. Petersburg and St. Pete Beach (the "Point of Connection").

(b) The Point of Connection shall be that point where St. Pete Beach's wastewater is discharged into St. Petersburg's System at the Pasadena Lift Station as shown in Exhibit "A" attached hereto and incorporated by reference. As shown on Exhibit "A", St. Pete Beach and Treasure Island have constructed wastewater transmission facilities located in St. Petersburg, which are owned and operated by St. Pete Beach and Treasure Island to the Point of Connection at the Pasadena Lift Station. St. Petersburg has installed wastewater monitoring equipment to measure the strength of

the wastewater from St. Pete Beach prior to the Point of Connection. Such monitoring facility is owned and operated by St. Petersburg. St. Petersburg shall own and operate all wastewater facilities and appurtenances beginning at the Point of Connection, and including St. Petersburg's System.

(c) St. Petersburg agrees to continue to make available without cost to St. Pete Beach existing rights-of-way of all facilities within St. Petersburg necessary to transport St. Pete Beach's wastewater to the NWWRF.

3. METERING

(a) St. Pete Beach shall be responsible for the selection and continued installation, operation, maintenance and replacement of the wastewater flow meter, including related equipment and facilities and costs thereof (hereinafter "flow meter"). The location of St. Pete Beach's flow meter is not at the Point of Connection, but rather is located in St. Pete Beach as shown in Exhibit "B", attached hereto and incorporated herein by reference. St. Pete Beach's flow meter shall be a standard make and type, installed at a readily accessible location, and shall record total flow from St. Pete Beach with an error tolerance not to exceed plus or minus five percent ($\pm 5\%$) of the full scale reading, suitable for billing purposes.

(b) St. Petersburg shall read St. Pete Beach's flow meter monthly for billing purposes. At least once every twelve (12) months, St. Pete Beach shall, at its expense, calibrate St. Pete Beach's flow meter and provide the results of the certified calibration to St. Petersburg in writing.

(c) Both St. Petersburg and St. Pete Beach each shall have the right to check the accuracy of St. Pete Beach's flow meter at any time. The party seeking an inspection of St. Pete Beach's flow meter shall bear the cost of such inspection. The inspecting party shall provide a written report of the inspection findings to the other party within thirty (30) days of the completion of such inspection. The inspecting party shall be responsible for sealing or resealing St. Pete Beach's flow meter following an inspection. The inspecting party shall provide at least three (3) days written notice to the other party prior to any inspection.

(d) If St. Pete Beach's Flow meter(s) is found to be in error exceeding five percent ($\pm 5\%$) of true accuracy, St. Pete Beach's flow meter shall be re-calibrated in accordance with the manufacturer's recommended standards at St. Pete Beach's expense. If such error is more than five percent ($\pm 5\%$), the Parties shall review the monthly wholesale wastewater service bills since the last inspection or calibration of St. Pete Beach's flow meter to attempt to identify when the error rate began to exceed five percent ($\pm 5\%$). In conducting their review, the Parties shall consider relevant historical wastewater flow data from previous years, seasonal and unseasonal weather conditions, significant events impacting St. Pete Beach's collection system (e.g., malfunctions, repairs and improvements), significant construction and development activities, as well as any other matters which may account for material changes in the amount of wastewater

produced by St. Pete Beach. If the Parties are unable to establish, to a reasonable degree of certainty, a time since St. Pete Beach's flow meter was last inspected or calibrated where it appears that the monthly wastewater flow from St. Pete Beach, as measured by St. Pete Beach's flow meter, began differing from actual monthly wastewater flow from St. Pete Beach by more than five percent ($\pm 5\%$), it shall be presumed the error began occurring on the mid-point date between the previous inspection or calibration and the date on which the error rate was confirmed through inspection or recalibration. The monthly wholesale wastewater service bills paid by St. Pete Beach to St. Petersburg since the date the Parties identify as the date on which St. Pete Beach's flow meter began malfunctioning, shall be adjusted. St. Pete Beach shall pay to or receive from St. Petersburg the sum of the difference between the wastewater service bills invoiced since the meter began malfunctioning and the recomputed wastewater service bills for that period. Amounts due or owed by St. Pete Beach will be paid in equal monthly installments over the number of months the error rate exceeded five percent ($\pm 5\%$) beginning the month following recomputation of the wastewater service bills for that period. The term "inspection" used in this Paragraph 3 shall mean an inspection by personnel certified by the manufacturer of the flow meter to test and calibrate the accuracy of the flow meter.

4. USE

St. Pete Beach owns, operates and maintains a wastewater collection system ("St. Pete Beach's System") servicing the area described in Exhibit "C". St. Pete Beach agrees to send all of the wastewater from St. Pete Beach's System to the Point of Connection. Except for the transmission main transporting the combined wastewater flows from St. Pete Beach and Treasure Island to the Point of Connection, as identified in Exhibit "A", St. Pete Beach shall neither make nor permit any cross-connection or interconnection whatsoever to any other wastewater system.

5. COMPLIANCE WITH FEDERAL, STATE, AND LOCAL INDUSTRIAL PRETREATMENT REQUIREMENTS

(a) St. Pete Beach and St. Petersburg agree to comply with all applicable federal, state and local statutes and regulations pertaining to industrial pretreatment.

(b) The Parties acknowledge that Industrial Pretreatment regulations require consistent and uniform permitting and enforcement procedures to be administered throughout the area ultimately served by St. Petersburg's System. Moreover, the Parties agree to promulgate and adopt any amendments to this Agreement, which are necessary to ensure compliance with applicable Industrial Pretreatment statutes and regulations.

6. PROJECTIONS AND WASTEWATER FLOWS

(a) No later than January 30 of each year, St. Pete Beach will provide St. Petersburg with a written estimate of its projected wastewater flows for the current year and the five (5) years following the year in which such notice is given. Where practical,

these estimated projections will be expressed in terms of total annual average daily flows on a million gallons per day basis ("mgd") for the St. Pete Beach service area. Should St. Pete Beach fail to provide estimated projections of its wastewater for a given current year or five year future period, the previous estimated current year and five (5) year projections will continue to apply.

(b) The Parties agree that unless and until modified in accordance with the terms of this Agreement, including its exhibits where applicable, St. Pete Beach has a reserved wastewater treatment and disposal capacity of 2.90 mgd expressed on an annual average daily flow basis at the NWWRF. The foregoing current year and five (5) year projections in no way alter St. Pete Beach's reserved wastewater treatment and disposal capacity.

7. WHOLESALE WASTEWATER SERVICE CHARGES

(a) St. Petersburg agrees to provide St. Pete Beach with wholesale wastewater service and St. Pete Beach agrees to pay for the cost of said wastewater service based on the charges set forth in Exhibit "E", incorporated herein by reference, which were determined in accordance with the wholesale wastewater service charge methodology set forth in Exhibit "D", also incorporated herein by reference, to this Agreement.

(b) St. Petersburg, as the owner and operator of St. Petersburg's System, shall establish charges for wholesale wastewater services by St. Petersburg for wastewater delivered by St. Pete Beach to the Point of Connection. St. Petersburg and St. Pete Beach acknowledge and agree that the initial wholesale wastewater service charges set forth in Exhibit "E" hereto, are subject to modification by St. Petersburg as adopted by St. Petersburg Ordinance provided such modification is in accordance with the rate methodology set forth in Exhibit "D".

(c) St. Petersburg shall bill St. Pete Beach monthly for wastewater services rendered based on the wastewater flow meter readings at the location of the wastewater flow meter set forth in Exhibit "B" in accordance with the wholesale wastewater service charges in effect at the time service is delivered. St. Petersburg shall take meter readings for the month on or about the last day of the month, and payment is due upon receipt of the monthly invoice rendered by St. Petersburg to St. Pete Beach. Payments received after forty-five (45) days following receipt of the invoice by St. Pete Beach shall be considered delinquent and shall be subject to reasonable late payment charges as established by St. Petersburg by Ordinance or written Administrative Policy applicable to all wholesale wastewater service users.

(d) With respect to Paragraph 7(c) above, if there is a disagreement in the amount charged for wastewater service by St. Petersburg to St. Pete Beach, the disputed amount and a statement of the basis for the dispute or disagreement (the "Dispute") shall be provided in writing to St. Petersburg. The Parties shall attempt to resolve the Dispute within a period not to exceed one hundred twenty (120) days from the date St. Pete Beach provides written notification of the Dispute to St. Petersburg (the "Dispute Resolution

Period"). During the Dispute Resolution Period, the Parties are prohibited from initiating litigation of the Dispute, including any statutory pre-suit activities. The Parties shall jointly engage and pay a facilitator within thirty (30) days of notice of the Dispute and shall hold a facilitated settlement meeting within sixty (60) days of notice of the Dispute. St. Pete Beach shall not utilize a Dispute Resolution Period more than one (1) time per fiscal year.

(e) After the close of the fiscal year, St. Petersburg shall calculate, as the "Annual True-up" the actual charges for wholesale wastewater service based on i) the actual costs incurred for providing wholesale wastewater service to St. Pete Beach in accordance with the rate methodology set forth on Exhibit "D" and ii) the actual amount of wastewater treated by St. Petersburg's System, including actual deliveries of wastewater by St. Pete Beach. The calculation of the Annual True-up shall be computed by St. Petersburg not later than one hundred eighty (180) days after the end of such fiscal year consistent with its reporting process relative to the submittal of the Comprehensive Annual Financial Report to the State of Florida. Any amounts due or payable will be made no later than sixty (60) days after the determination of the Annual True-up. Unless otherwise agreed by the Parties, St. Pete Beach shall have sixty (60) days following its receipt of St. Petersburg's Annual True-up calculations in which to raise objections to same. Within twenty (20) days of receipt of written request, St. Petersburg agrees to make available to St. Pete Beach the source documents, records, summaries, assumptions and all other information in its possession requested by St. Pete Beach which may be relevant to the calculation of the actual costs incurred by St. Petersburg in providing wholesale wastewater service to St. Pete Beach and calculating the amounts of wastewater treated.

(f) As of April 1, 2001, the capacity entitlement percentage for St. Pete Beach shall be fourteen and one-half percent (14.5%) based on an allocated capacity to St. Pete Beach of 2.90 million gallons per day (mgd) expressed on an average annual daily flow basis and a capacity at the NWWRF of 20.0 mgd expressed on an average annual daily flow basis. St. Petersburg shall not in bad faith reduce the capacity of the NWWRF to increase St. Pete Beach's percentage of capacity entitlement. It is recognized that the NWWRF is capable of treating an amount in excess of its present average annual flow, as permitted by the Florida Department of Environmental Protection (FDEP) and that the capacity entitlement of St. Pete Beach is consistent with the treatment capabilities of the NWWRF. In accordance with the provisions of Paragraph 7(h), below, and Exhibit "D", St. Petersburg will bill and St. Pete Beach will pay for additional capital costs.

(g) The capacity entitlement of St. Pete Beach, as presented in paragraph 7(f), above, will be used to determine the amount of capital expenditures allocable to St. Pete Beach associated with the NWWRF and other capital expenditures for shared facilities which provide a benefit to the wastewater treatment service function for the portion which is allocable to the NWWRF. A shared facility represents "plant in service" which directly relates to providing wastewater transmission, treatment and disposal service, a portion of which is allocable to the NWWRF which would be included as capital cost, as provided in Exhibit "D". For purposes of computing the Capital Charge as set forth in

Exhibit "D" to this Agreement, a shared facility would not include any cost, charge or other expense associated with St. Petersburg's reclaimed water distribution or transmission system, including any new reclaimed system storage or components located at the site of the NWWRF and constructed after February 18, 1985, and wastewater transmission facilities which do not benefit St. Pete Beach's use of the NWWRF. Examples of shared facilities would include laboratory and sludge and effluent disposal facilities and other similar plant components which provide a benefit to the NWWRF.

(h) The wholesale wastewater service capacity allocable to St. Pete Beach as identified in Paragraph 7(f) shall be increased up to the nearest 0.010 MGD automatically, if during a rolling twenty-four (24) month period, the actual capacity used by St. Pete Beach expressed on an average annual daily flow basis exceeds the capacity entitlement allocable to St. Pete Beach at the time such capacity is exceeded. In no event will the capacity entitlement for St. Pete Beach be less than 2.90 MGD expressed on an average annual daily flow basis. The adjusted increase in capacity shall serve as the capacity entitlement for the determination of Capital Charge billed to St. Pete Beach as set forth in Exhibit "D". This change in capacity entitlement will not be applied to the outstanding debt amortization associated with Attachment D-2 of Exhibit "D". The adjusted capacity entitlement for billing the Capital Charges will begin with the next fiscal year for purposes of determining the wholesale wastewater service charge to St. Pete Beach by St. Petersburg. Once the capacity entitlement of St. Pete Beach has been increased pursuant to this provision, the capacity entitlement allocable to St. Pete Beach thereafter shall not be reduced.

(i) If St. Pete Beach's capacity entitlement in the NWWRF is increased as provided for in the Agreement, St. Pete Beach shall compensate St. Petersburg for the purchase of such additional capacity. The amount due from St. Pete Beach is compensation for the investment previously made in the NWWRF and shared facilities by St. Petersburg for this increase in capacity entitlement. The amount due by St. Pete Beach shall be based on the net book value of the NWWRF and shared facilities reported by St. Petersburg for the end of the fiscal year for which the capacity entitlement is being purchased, less outstanding debt or related liabilities issued after March 31, 2001, and the amount of unamortized grants and other contributions allocable to the NWWRF and shared facilities. Any outstanding debt or liabilities shall be included in the Capital Charge paid prospectively by St. Pete Beach. As used herein, "net book value" shall be defined as the original cost of the constructed applicable plant in service less its accumulated depreciation up to the end of the fiscal year during which the capacity entitlement is being purchased. St. Pete Beach shall pay for any additional capacity entitlement amortized over a period of twenty-five (25) years at an interest rate equal to the average cost of borrowing for bond indebtedness incurred by St. Petersburg's System at the time of St. Pete Beach's additional capacity entitlement acquisition.

(j) To the extent that St. Petersburg incurs expansion costs at the NWWRF resulting from the needs of other municipalities, private utilities, or St. Petersburg, St. Pete Beach will not be assessed any Capital Charge for such expansion. In the event that such expansion results in an increase in the rated capacity at the NWWRF expressed on

an average annual daily flow basis which does not benefit St. Pete Beach, then the capacity entitlement percentage assigned to St. Pete Beach shall be reduced proportionately. If the rated capacity of the NWWRF changes, whether such change is an increase or decrease in such capacity, then St. Pete Beach's capacity entitlement percentage for the allocation of the cost of any improvements constructed after the change in rated capacity shall be based on the new capacity of the NWWRF expressed on an average annual daily flow basis. In any event, the Capacity Entitlement Percentage of St. Pete Beach applicable to previously issued debt or lease financed improvements shall not be adjusted for this change in capacity.

(k) The allocation of capital costs from the Point of Connection of St. Pete Beach to the NWWRF, which consists of the Pasadena Lift Station and the force main from the Pasadena Lift Station to the NWWRF, shall be based on the total flow of St. Pete Beach relative to the total flow of all users as set forth in Exhibit "D".

8. OWNERSHIP

The Parties agree and acknowledge that St. Pete Beach owns its wastewater collection system and it is separate and independent from the system owned and operated by St. Petersburg or any other wholesale wastewater user.

9. UNIFORM SYSTEMWIDE CAPITAL CHARGE

The Parties agree to consider and discuss a uniform systemwide capital charge during the year 2008.

10. SUPERSEDES

This Agreement was prepared based on the terms and conditions of the Agreement entered into between St. Pete Beach and St. Petersburg dated June 6, 2001, in full settlement of all claims set forth in the Parties' lawsuit cited as St. Pete Beach v. St. Petersburg, Circuit Court in and for Pinellas County, Florida, Case No. 98-000747-CI-011, and replaces and supersedes the previous wholesale wastewater service agreement between St. Petersburg and St. Pete Beach dated February 19, 1985.

11. NOTICE

Any and all notices, writings or reports provided pursuant to this Agreement shall be mailed by Regular U.S. Mail, postage pre-paid, to the attention of the following designee of each Party:

For St. Pete Beach:

City Manager
St. Pete Beach City Hall
7701 Boca Ciega Drive
St. Pete Beach, FL 33706

For St. Petersburg:

City Administrator
City of St. Petersburg
175 - 1st Street North
St. Petersburg, Florida 33701

Either party may change its designee or address by providing written notice of the change to the designee of the other party.

12. SEVERABILITY

The invalidity or unenforceability of any word, sentence, or provision of this Agreement shall not affect the validity and enforceability of the remaining portions. In the event that the payments in lieu of franchise fees ("PILOFF") is found unlawful or otherwise unenforceable, St. Pete Beach agrees that St. Petersburg may adjust its wholesale wastewater treatment rate in such a manner as to provide for a replacement of the revenue previously derived from PILOFF as calculated on the basis of the fiscal year 1999 rate methodology.

IN WITNESS WHEREOF, the Parties hereto have entered into this binding Agreement for Wholesale Wastewater Service and caused these presents to be exercised in duplicate by their proper officers duly authorized to do so and have affixed their corporate seals the day and year first above written.

ATTEST:

Eva Andujar
Eva Andujar
City Clerk

CITY OF ST. PETERSBURG
[Signature]
MAYOR



APPROVED AS TO FORM AND CONTENT:

[Signature]
Senior Assistant
CITY ATTORNEY

ATTEST:

Theresa B. McMaster
CITY CLERK

CITY OF ST. PETE BEACH

Ward J. F. [Signature]
MAYOR

APPROVED AS TO FORM AND CONTENT:

[Signature]
CITY ATTORNEY

KEY

CITY OF ST. PETERSBURG
 CITY OF TREASURE ISLAND
 CITY OF ST. PETE BEACH
 COMBINED TVSPB WASTEWATER FLOWS
 POINT OF CONNECTION

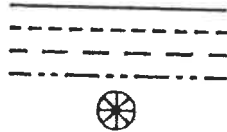
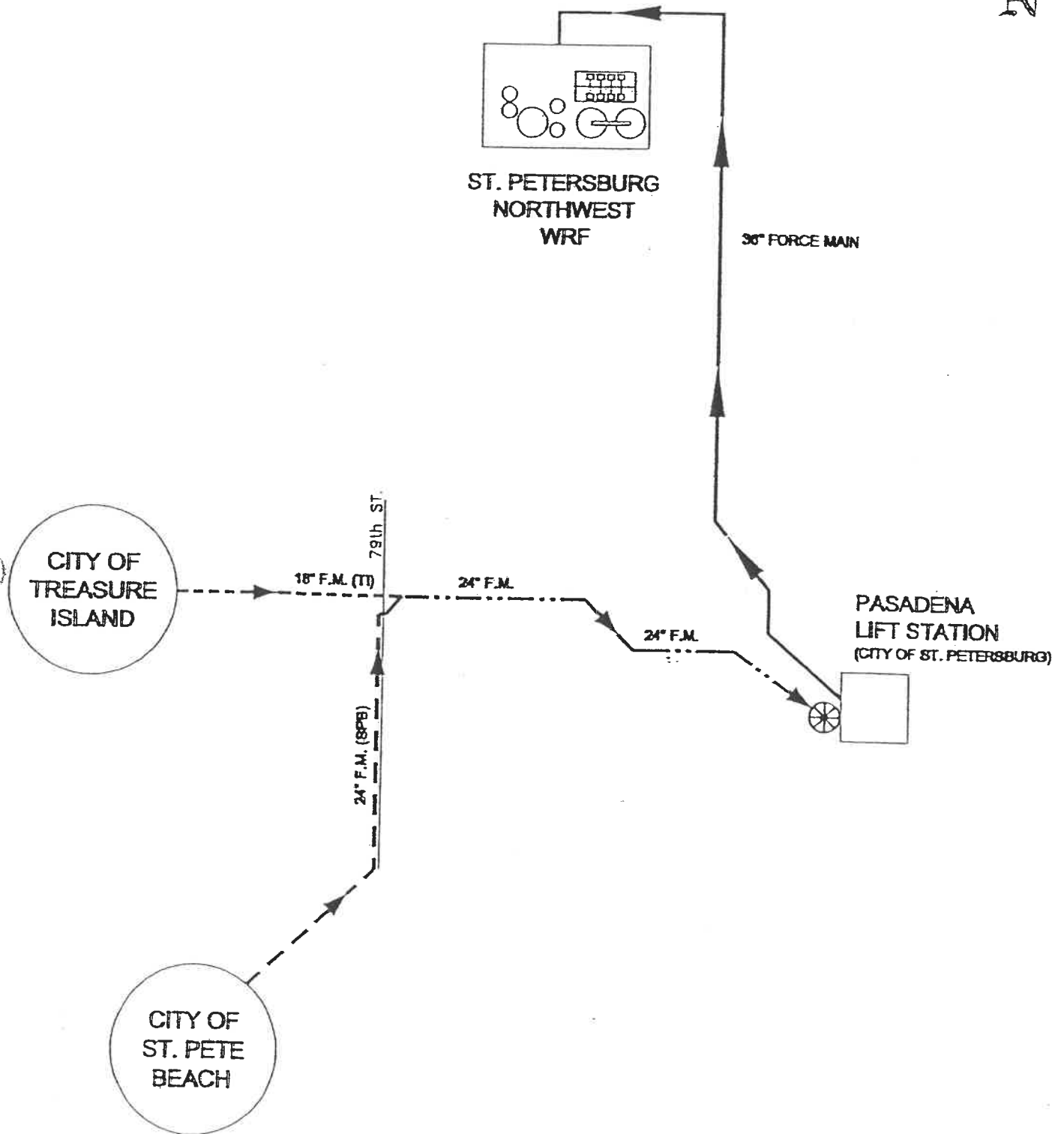
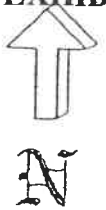


EXHIBIT A

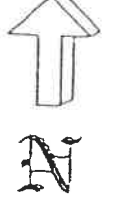


DATE OF SERVICE: "AS-BUILTS" DATE 4/82 - 24" FORCE MAIN

November 15, 2001

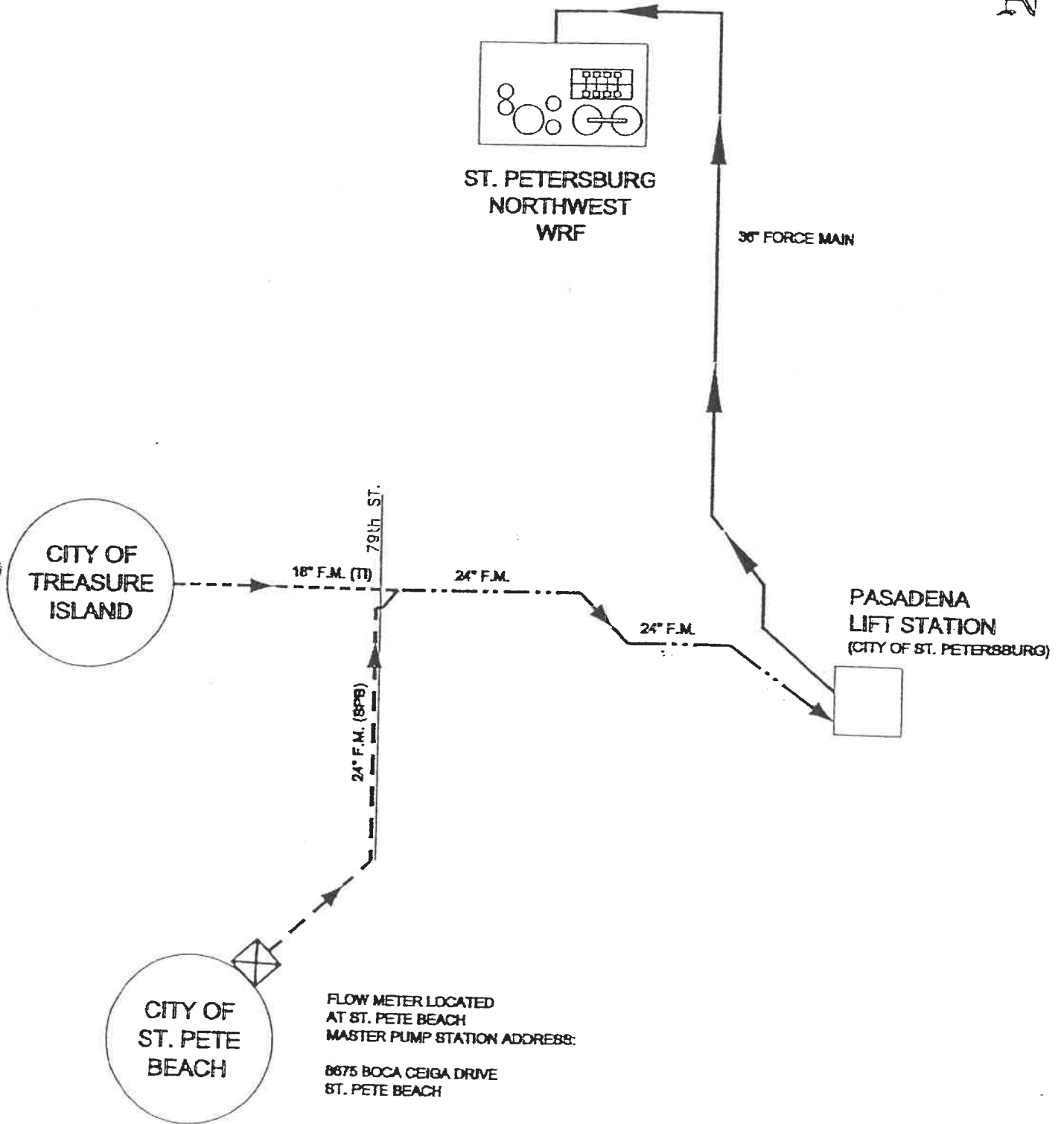
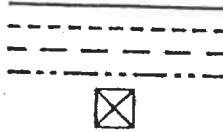
EXHIBIT "A"

POINT OF CONNECTION



KEY

CITY OF ST. PETERSBURG
CITY OF TREASURE ISLAND
CITY OF ST. PETE BEACH
COMBINED T/SPB WASTEWATER FLOWS
FLOW METER



November 15, 2001

City of St Pete Beach
Wastewater Service Area

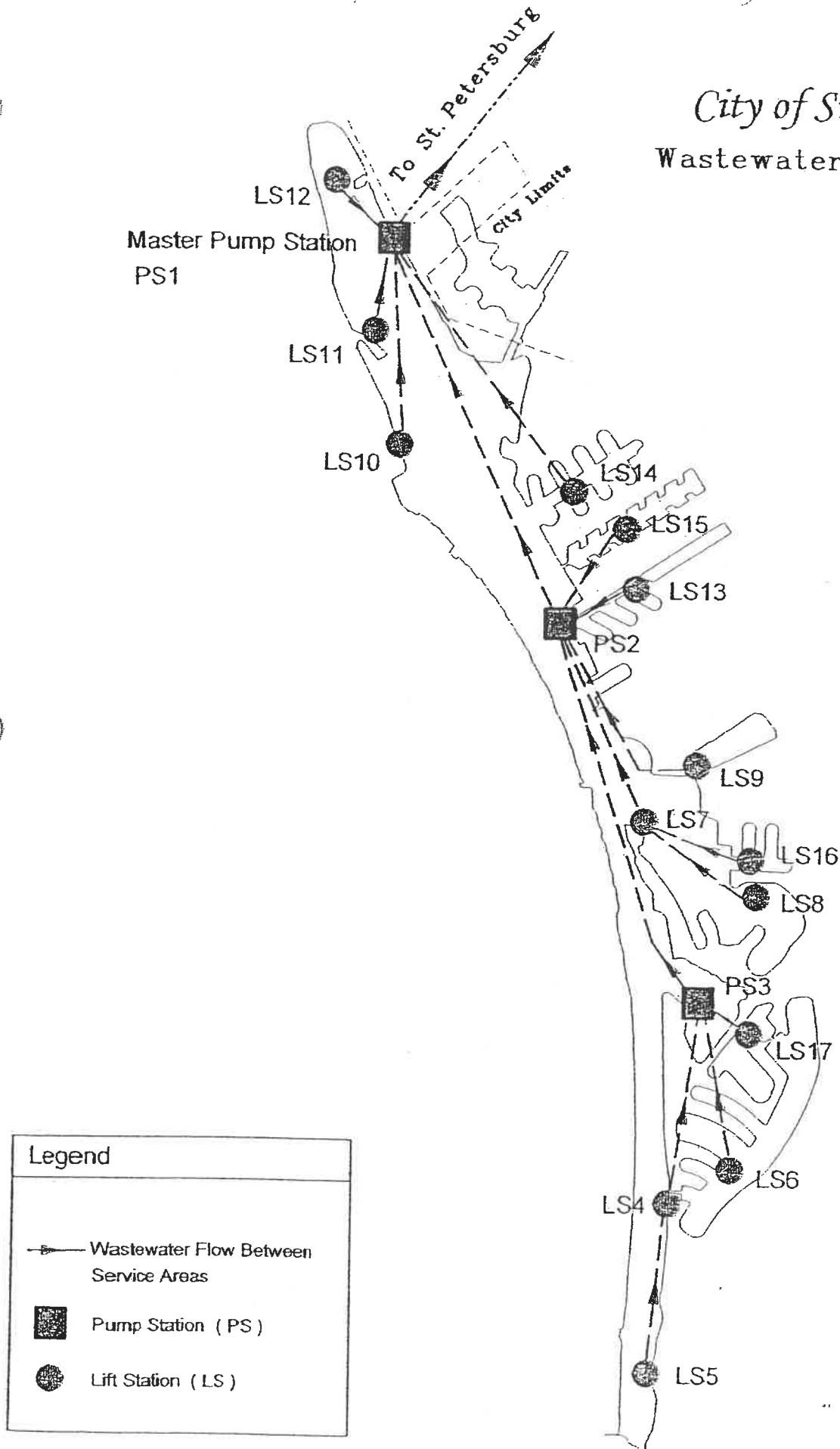


EXHIBIT "D"

METHODOLOGY FOR THE DETERMINATION OF
WHOLESALE WASTEWATER SERVICE CHARGES

The wholesale wastewater service charges shall be established by St. Petersburg for St. Pete Beach, and shall consist of an Operation and Maintenance Charge (O&M Charge) and a Capital Charge, in accordance with the following formula:

$$WSC = OC + CC$$

Where:

WSC = Wholesale Wastewater Service Charge: Total amount charged on a monthly basis by St. Petersburg to St. Pete Beach for wholesale wastewater service.

OC = Operation and Maintenance Charge

CC = Capital Charge

The O&M Charge recovers the cost of operating and maintaining St. Petersburg's System, which are allocable to St. Pete Beach in accordance with the methodology described herein. The O&M Charge shall be based on St. Pete Beach's metered wastewater flow during the billing period multiplied by the O&M Charge rate per million gallons of wastewater flow.

The Capital Charge recovers the capital investment and corresponding financing charges, if any, associated with funding renewals, replacements, betterments, upgrades, and extensions of the NWWRF, shared facilities (as defined in Paragraph 7(g) of the Agreement), and other portions of St. Petersburg's System allocable to St. Pete Beach in accordance with the methodology described herein. The annual Capital Charge shall be billed in twelve (12) equal monthly installments, unless otherwise agreed by the Parties.

St. Petersburg shall establish the Wholesale Wastewater Service Charges by Ordinance annually, or as needed, based on St. Petersburg's budgeted operation and maintenance, and capital expenses, the capital investment in St. Petersburg's System, and projected wastewater flows for the fiscal year. St. Petersburg shall perform an Annual True-up of the O&M Charge and Capital Charges in accordance with the Agreement and methodology outlined herein. The Annual True-up will be based on actual costs and flows.

O&M Charge

The O&M Charge shall be based on the operation and maintenance costs budgeted by St. Petersburg and projected wastewater flows. The combined budget of the St. Petersburg

Public Utilities System, which currently includes the water, wastewater, and reclaimed water systems, shall be allocated following a two (2) part process. The first step allocates the Public Utilities Budget between wastewater, potable water, reclaimed water and customer service functions. The second step is the apportionment of the operation and maintenance costs allocated to the wastewater function between the retail and wholesale users of the wastewater system to determine the operation and maintenance costs to be charged to St. Pete Beach. The allocation of the operation and maintenance costs shall use the allocation methodology described herein. Attachment D-1, which is incorporated herein by reference, shows the application of the cost allocation methodology to St. Petersburg's Fiscal Year (FY) 1999 Public Utilities budget. Attachment D-1 provides an illustration and guide for the application of the methodology for the determination of the operation and maintenance charge agreed to by St. Petersburg and St. Pete Beach to the Public Utilities FY 1999 budget. It is recognized, however that the basis for the allocation of operation and maintenance costs may require adjustment(s) based on specific changes to operation and maintenance management approaches, regulatory requirements, plant in-service, or other changes, which affect the budgetary cost components. Any adjustment(s) to the cost allocation methodology or application of the methodology will be guided by the cost allocation methodology and application described in Attachment D-1. To derive the O&M Charge rate subsequent to FY 2001, the cost allocation methodology shall be applied to the budgeted costs for that fiscal year, and will not incorporate any index rate adjustment thereafter, unless mutually agreed by the Parties.

The rate for the O&M Charge to St. Pete Beach shall specifically include an allocable share of St. Petersburg's Payment in Lieu of Property Taxes ("PILOPT") and Payment in Lieu of Franchise Fees ("PILOFF") calculated using the same methodology applied to St. Pete Beach in FY 1999. The O&M Charge shall specifically exclude any costs allocable to St. Petersburg's potable water, reclaimed water, retail wastewater, or customer service functions. Only the allocated wastewater-related operation and maintenance costs will be considered in the determination of the wholesale wastewater service charges to St. Pete Beach.

The computation of the O&M Charge shall be in accordance with the following formula:

$$OC = [(WH/WF) + (JC/TF)] * SPBF$$

Where:

- WH = Wholesale Costs - Wholesale Costs are costs that are incurred to provide service to the wholesale users, including St. Pete Beach.
- WF = Wholesale Flows - The wastewater flows based on metering for all wholesale entities in Millions of Gallons.
- JC = Joint Costs - Joint Costs are costs that are incurred to provide service to both retail and wholesale wastewater customers serviced by St. Petersburg

and are allocable to both classes of customers in proportion to their share of the total system wastewater flows.

TF = Total Flows - Total wastewater flows treated by St. Petersburg's System plus wastewater flows sent by St. Petersburg to other wholesale wastewater treatment service providers in Millions of Gallons (MG).

SPBF = St. Pete Beach Flows - St. Pete Beach's metered wastewater flows in Millions of Gallons.

Capital Charge

The Capital Charge to St. Pete Beach shall reflect the capital expenditures at the NWWRF, the Pasadena Lift Station, the wastewater transmission line from the Pasadena Lift Station to the NWWRF (the "Pasadena Transmission Line"), and shared facilities (as defined in Paragraph 7(g) of the Agreement). The Parties recognize that St. Petersburg does not own any of the transmission lines carrying wastewater from St. Pete Beach to the Point of Connection. The Capital Charge shall not include any wastewater capital expenditures associated with the St. Petersburg reclaimed water system, as described in Paragraph 7(g) of the Agreement.

The Capital Charge to St. Pete Beach for capital expenditures made to St. Petersburg's System prior to April 1, 2001, and St. Pete Beach's current capacity entitlement of 2.90 MGD, shall be based on the schedule presented in Attachment D-2. The Capital Charge to St. Pete Beach associated with capital expenditures made after April 1, 2001 shall be predicated on the financing method employed by St. Petersburg, which may include the financing of the cost of the improvements through the issuance of debt or lease, or use of a pay-as-you-go (PAYGO) approach.

For capital expenditures that St. Petersburg finances through the use of utility revenue bonds or some other related debt or lease financing program, the annual capital costs allocable to St. Pete Beach will be equal to the actual completed project costs, including an allowance for interest during construction based on the true interest costs of such debt financing, to St. Petersburg of financing such capital expenditures that are allocable to St. Pete Beach. Payments made by St. Pete Beach for their allocable share of the completed project costs will be made uniformly over the remaining term of the debt. To the extent that St. Petersburg refinances the debt to achieve debt service savings, St. Petersburg will adjust the remaining amortization schedule to reflect the new debt service schedule.

For capital expenditures that St. Petersburg finances on a PAYGO basis, St. Pete Beach shall pay one hundred percent (100%) of the allocable share of the actual cost of such capital improvement(s), expended on an annual basis, at the time St. Petersburg includes such capital improvement(s) in the Annual True-up calculation.

The computation of the monthly Capital Charge shall be in accordance with the following formula:

$$CC = [HCC + (NWCC * CEP) + (PCC * PFP)] / 12 \text{ Months}$$

Where:

HCC = Historical Capital Charge: Annual Capital Charge to St. Pete Beach for capital improvements to St. Petersburg's System constructed prior to April 1, 2001. Attachment D-2 provides the annual payment schedule for these improvements.

NWCC = NWWRF Capital Cost: Annual Capital Cost for improvements to the NWWRF and for improvements to the shared facilities as defined in Paragraph 7(g) of the Agreement allocable to the NWWRF, constructed after March 31, 2001. Annual capital cost shall include annual debt service on debt or lease financed improvements plus one hundred percent (100%) of the cost of capital improvements constructed or purchased in that fiscal year that are financed on a PAYGO basis.

CEP = Capacity Entitlement Percentage: St. Pete Beach's capacity entitlement in NWWRF divided by total capacity of NWWRF. The capacity entitlement percentage as of April 1, 2001 shall be fourteen and one-half percent (14.5%) and shall be adjusted as provided for in the Agreement.

PCC = Pasadena Capital Cost: Annual Capital Cost for improvements to the Pasadena Lift Station or Pasadena Transmission Line, constructed after March 31, 2001. Annual capital cost shall include annual debt service on debt or lease financed improvements plus one hundred percent (100%) of the cost of capital improvements constructed or purchased in that fiscal year that are financed on a PAYGO basis.

PFP = Pasadena Flow Percentage: St. Pete Beach's metered wastewater flows divided by the total metered wastewater flows passing through the Pasadena Lift Station in Millions of Gallons. The PFP applicable to debt or lease financed improvements to the Pasadena Lift Station and the Pasadena Transmission Line shall be established at the time of debt or lease issuance, and shall remain unchanged for the term of repayment of such improvement.

Allocable Share of Capital Costs to St. Pete Beach

The Capital Charge associated with improvements to the NWWRF will be allocated to St. Pete Beach based on St. Pete Beach's capacity entitlement percentage, adjusted as provided for in the Agreement.

The Capital Charge associated with shared facilities will be allocated between St. Petersburg's water reclamation facilities on a proportionate basis, reflecting factors such

EXHIBIT A

as the number of water reclamation facilities, the capacity of the water reclamation facilities, wastewater flows treated by each water reclamation facility, or other factors as may be appropriate. The shared facility capital costs associated with the NWWRF will be allocated to St. Pete Beach based on St. Pete Beach's capacity entitlement percentage, adjusted as provided for in the Agreement.

The Capital Charge associated with improvements to the Pasadena Lift Station and the Pasadena Transmission Line will be allocated to St. Pete Beach based on St. Pete Beach's percentage of the total flows passing through the Pasadena Lift Station and Pasadena Transmission Line over the three (3) fiscal years immediately prior to completion of construction of the improvement.

St. Pete Beach will not participate in or benefit from St. Petersburg's abandonment or sale of the NWWRF, nor will St. Pete Beach be charged for any demolition cost incurred should the NWWRF be demolished.

Within twenty (20) days of a written request by St. Pete Beach, St. Petersburg shall make available to St. Pete Beach information in St. Petersburg's possession regarding the capital improvements which may include a brief scope of work, the actual cost of the improvement, the method used by St. Petersburg to pay for such improvement, the allocation calculation of the cost of the capital improvements to be charged to St. Pete Beach, and amortization or capital repayment schedule, as requested.

ATTACHMENT D-1

COMPUTATION OF WHOLESALE WASTEWATER SERVICE OPERATION AND
MAINTENANCE CHARGES TO ST. PETE BEACH

The following presents a summary of the application of the Operation and Maintenance Charge (O&M Charge) cost allocation methodology used in the development of the initial rate calculations to St. Pete Beach for wholesale wastewater service effective April 1, 2001. The cost allocations and calculations of the proposed charges represent the basis for the cost allocation methodology as agreed between the Parties, and are presented as an illustration and guide for the future application of the cost allocation methodology to the cost components of the Public Utilities Annual Budget.

Operation and Maintenance Charge

With respect to the development of the 1999 O&M Charge component of the wholesale wastewater service charge to St. Pete Beach, the following applies:

- (1) The allocation of the operation and maintenance costs for the O&M Charge component is in accordance with the application of the cost allocation methodology summarized in Schedules 1 and 2 attached hereto and incorporated herein by reference.
- (2) Schedule 1 summarizes allocations of the Public Utilities budget for fiscal year (FY) 1999, between the potable water, wastewater, reclaimed water, and customer service functions. Only the allocated wastewater-related operation and maintenance costs will be considered in the determination of the wholesale wastewater service charges to St. Pete Beach.
- (3) Schedule 2 summarizes allocations for FY 1999 of the wastewater-related operation and maintenance costs between the retail specific, wholesale specific, and joint cost categories. The costs allocable to the Wholesale Wastewater Service Charge will be the sum of the per unit costs, expressed on a per million gallon basis, of the wholesale specific and joint cost components.
- (4) The cost allocations presented in Schedules 1 and 2 are for FY 1999. In deriving the initial O&M Charge rate for FY 2001, the combined unit cost per million gallons for the wholesale specific and joint cost functions for FY 1999 were adjusted by an approved index factor of five and one-half percent (5.5%) applied annually for a two (2) year period to derive the FY 2001 rate per million gallons.
- (5) The Public Utilities operation and maintenance costs have been treated as either direct or indirect costs. Direct costs are related to a particular utility or function and include such expenses as water and wastewater treatment and

maintenance. Indirect costs, for example, general and administrative costs, cannot be directly attributed to a particular utility or function.

(6) The allocation of those cost components identified as indirect costs to the utilities and customer service function is based on the total allocated direct costs of the St. Petersburg combined water, wastewater, and reclaimed water system. The subsequent allocations of the indirect costs to the retail specific, wholesale specific, and joint wastewater cost functions are allocated to these functions based on the total direct cost allocations to these functions. While not directly observable in the cost allocations for FY 1999, the cost allocation process recognizes that the cost of water purchased from Tampa Bay Water is an uncontrollable cost to St. Petersburg. Changes in the magnitude of these water purchase costs should not affect the share of indirect costs allocable to the utilities, i.e., the percent of water purchase costs as a share of total Public Utilities budget shall remain constant at FY 1999 levels for the determination of the indirect cost allocation percentages to the utilities and customer service functions.

Schedule 1

St Petersburg Wastewater Cost Allocations To St Pete Beach
FY 1999 Public Utilities Budget Cost Allocations to Wastewater System

Department Number	Department	Activities/Cost Description	FY 1999 Public Utilities Budget	FY 1999 Wastewater Allocation %	Basis for Allocation
101	Directors Office	Office of Public Utilities Director	\$930,167	51.3%	Indirect Cost - Allocated on basis of total direct cost allocations.
102	Technical Support	Engineering, computer services, drafting, construction inspection, engineering design, and consultant services	\$1,441,506	41.8%	Percentage of Original Cost of Water, Wastewater, and Reclaimed Water Plant and Equipment Allocated to Wastewater System
103	PILOPT	Payment in lieu of property taxes - estimated value of system times City of St. Petersburg millage rate	\$3,185,448	47.8%	Percentage of Replacement Cost of Water, Wastewater, and Reclaimed Water Plant Allocated to Wastewater System
	PILOFF	Franchise Fee - 6% of revenues	\$3,251,400	47.5%	6% of Wastewater System Revenues
	G&A	Transfer to General Fund	\$2,534,296	51.3%	Indirect Cost - Allocated on basis of total direct cost allocations.
	Transfer to Debt Service	Debt Service Cost less bond proceeds interest income	\$5,034,000	36.7%	Percentage of Original Cost of Water, Wastewater, and Reclaimed Water Plant and Equipment Allocated to Wastewater System Exclusive of Contributed Assets
	Transfer to Capital	Cash Funded Capital Outlays	\$7,862,601	36.7%	Percentage of Original Cost of Water, Wastewater, and Reclaimed Water Plant and Equipment Allocated to Wastewater System Exclusive of Contributed Assets
601	Water Quality Administration	Lab and Industrial Pretreatment Administration	\$290,534	79.6%	Weighted Average of Other Division 600 Cost Allocations
602	Water Quality Lab	Lab Operations	\$915,079	74.9%	Percentage of all Lab Analyses performed for Wastewater System
603	Industrial Pretreatment	Industrial Pretreatment Program - Monitoring/Sampling	\$306,707	100.0%	All Wastewater
604	Water Quality Field Activities	Collection of Field Samples	\$173,863	68.4%	Percent of All Samples that were Drawn that were for Wastewater System
701	WW Management	Administration of Treatment Plant Operations	\$156,747	100.0%	All Wastewater
702	Albert Whitted WRF	Operation of WRF	\$1,230,821	100.0%	All Wastewater
703	Northeast WRF	Operation of WRF	\$1,579,963	100.0%	All Wastewater

Schedule 1
 St Petersburg Wastewater Cost Allocations To St Pete Beach
 FY 1999 Public Utilities Budget Cost Allocations to Wastewater System

Department Number	Department	Activities/Cost Description	FY 1999 Public Utilities Budget	FY 1999 Wastewater Allocation %	Basis for Allocation
704	Northwest WRF	Operation of WRF	\$1,809,297	100.0%	All Wastewater
705	Southwest WRF	Operation of WRF	\$1,445,171	100.0%	All Wastewater
710	Wholesale Services	Charges for WW Treatment from Largo	\$110,000	100.0%	All Wastewater
801	Maintenance Mgmt Support	WRF Maintenance Management	\$481,657	90.2%	Labor Allocation Per Department Manager
802	Albert Whitted WRF Mntc	Maintenance of WRF	\$338,918	100.0%	All Wastewater
803	Northeast WRF Mntc	Maintenance of WRF	\$619,590	100.0%	All Wastewater
804	Northwest WRF Mntc	Maintenance of WRF	\$600,424	100.0%	All Wastewater
805	Southwest WRF Mntc	Maintenance of WRF	\$426,635	100.0%	All Wastewater
806	Lift Station Mntc	Lift Station Maintenance	\$1,088,118	100.0%	All Wastewater
812	Equipment Service Center	Maintenance Shop	\$185,017	50.0%	Labor Allocation Per Department Manager
1101	WW Mntc Administration	Administration of collection/Transmission System maintenance	\$408,098	100.0%	All Wastewater
1102	Wastewater Maintenance	Collection/Transmission System Maintenance	\$6,412,955	100.0%	All Wastewater
	Total Net Budget		\$42,819,012		
	Other Costs (a)		\$16,681,959		
	Non Rate Revenues		\$7,571,399		
	Total Budget		\$67,072,370		

Note: Net budget is exclusive of costs not allocated to sewer system and non rate revenues.

a) The following budget categories in the Public Utilities Budget were not allocated to the wastewater function:

Department Number	Department
103	Customer Service Charges
201 - 208	Water Treatment Plant Operations, Wellfield Operation and Maintenance, Water Pump Station Operations, Water Supply Management, and Wholesale Water Purchases
402 - 407	Water Quality Field Operations, Reclaimed Water, Cross Connection Control, Water Conservation, Water Conservation Compliance, and Field Services Operations
807 - 812	Cosme Water Treatment Plant Maintenance, Water Pump Station Maintenance, Stormwater Pumping, and Equipment Service Center
901 - 905	Reclaimed Water Operations and Reclaimed Water Booster Station
1001 - 1004	Water Maintenance Administration, Water Maintenance, Meter Maintenance, and Appurtenance Management
1201	Reclaimed Water Maintenance

Schedule 2

St Petersburg Wastewater Operation and Maintenance Cost Allocations To St Pete Beach
FY 1999 Operation and Maintenance Cost Allocations to Joint and Wholesale Specific Cost Functions

Department Number	Department	Activities/General Cost Description	FY 1999 Wastewater Allocation	Cost Allocation Percentages		Basis for Allocation	Wholesale Specific Cost	Joint Cost	Total O&M Costs
				Wholesale Specific	Joint				
101	Directors Office	Office of Public Utilities Director	\$477,198	2.1%	57.8%	Indirect Cost - Allocated on basis of total direct cost allocations.	\$9,912	\$275,977	
102	Technical Support	Engineering, computer services, drafting, construction inspection, engineering design, and consultant services	\$603,211	14.2%		Percentage of Original Cost of Capital Improvements allocated to wholesale customers including contributed assets	\$85,798	\$0	
103	PILOPT	Payment in lieu of property taxes - estimated value of system times City of St. Petersburg's millage rate	\$1,522,675	14.2%		Percentage of Original Cost of Capital Improvements allocated to wholesale customers including contributed assets	\$216,579	\$0	
	PILOFF	Franchise Fee - 6% of revenues	\$1,545,232	2.1%	57.8%	Indirect Cost - Allocated on basis of total direct cost allocations.	\$32,097	\$893,650	
	G&A	Transfer to General Fund	\$1,300,149	2.1%	57.8%	Indirect Cost - Allocated on basis of total direct cost allocations.	\$27,006	\$751,913	
601	Water Quality Administration	Lab and Industrial Pretreatment Administration	\$231,280	0.8%	66.1%	Weighted Average of Other Division 600 Cost Allocations	\$1,955	\$152,970	
602	Water Quality Lab	Lab Operations	\$685,333	1.2%	90.4%	Percentage of Lab analyses for wholesale customers or for System.	\$8,151	\$619,449	
603	Industrial Pretreatment	Industrial Pretreatment Program - Monitoring/Sampling	\$306,707	0.0%	0.0%	Percentage of Pretreatment Samples All Retail	\$0	\$0	
604	Water Quality Field Activities	Collection of Field Samples	\$118,968	1.0%	97.0%	% of total samples - Samples B28/B33 (Revised Count)	\$1,242	\$115,380	
701	WW Management	Administration of Treatment Plant Operations	\$156,747		100.0%	All Joint	\$0	\$156,747	
702	Albert Whitted WRF	Operation of WRF	\$1,230,821		100.0%	All Joint	\$0	\$1,230,821	
703	Northeast WRF	Operation of WRF	\$1,579,963		100.0%	All Joint	\$0	\$1,579,963	
704	Northwest WRF	Operation of WRF	\$1,809,297		100.0%	All Joint	\$0	\$1,809,297	
705	Southwest WRF	Operation of WRF	\$1,445,171		100.0%	All Joint	\$0	\$1,445,171	
710	Wholesale Services	Charges for WW Treatment from Largo	\$110,000		100.0%	All Joint	\$0	\$110,000	
801	Maintenance Mgmt Support	WRF Maintenance Management	\$434,286		100.0%	All Joint	\$0	\$434,286	
802	Albert Whitted WRF Mntc	Maintenance of WRF	\$338,918		100.0%	All Joint	\$0	\$338,918	
803	Northeast WRF Mntc	Maintenance of WRF	\$619,590		100.0%	All Joint	\$0	\$619,590	
804	Northwest WRF Mntc	Maintenance of WRF	\$600,424		100.0%	All Joint	\$0	\$600,424	
805	Southwest WRF Mntc	Maintenance of WRF	\$426,635		100.0%	All Joint	\$0	\$426,635	
806	Lift Station Mntc	Lift Station Maintenance	\$1,088,118	9.8%	0.0%	Percentage of capital investment in Lift Stations allocable to wholesale users	\$106,309	\$0	
812	Equipment Service Center	Maintenance Shop	\$92,508		100.0%	All Joint	\$0	\$92,508	
1101	WW Mntc Administration	Administration of Collection/Transmission System Maintenance	\$408,098		28.8%	Percentage of Capital Investment in Collection and Transmission Lines Allocable to Wholesale Customers	\$0	\$117,422	
1102	Wastewater Maintenance	Collection/Transmission System Maintenance	\$6,412,955		28.8%	Percentage of Capital Investment in Collection and Transmission Lines Allocable to Wholesale Customers	\$0	\$1,845,195	

Schedule 2

St Petersburg Wastewater Operation and Maintenance Cost Allocations To St Pete Beach
FY 1999 Operation and Maintenance Cost Allocations to Joint and Wholesale Specific Cost Functions

Department Number	Department	Activities/General Cost Description	FY 1999 Wastewater Allocation	Cost Allocation Percentages		Basis for Allocation	Wholesale Specific Cost	Joint Cost	Total O&M Costs
		Total Net Budget	\$23,544,285	Wholesale Specific	Joint		\$489,049	\$13,616,316	
		Non Rate Revenues						\$197,676	
		Total Budget						\$13,418,640	
		Total Flows					2,519.46	14,018.78	
		FY 1999 Cost Per MG					\$194.11	\$957.19	\$1,151.30
		Adjustment to Calculate FY 2001 Rate							111.3%
		FY 2001 Rate Per MG							\$1,281.42

Footnotes:

a) Lift stations that were allocated to the wholesale specific function consist of the following:

Lift Station Number	Lift Station Name
61	Pasadena Master
65	Tiera Verde
69	Gateway Center

- b) Transfer to debt service and capital are not included herein, as a separate capital charge is billed.
- c) The transmission component consist of wastewater gravity lines lines 10 inches and larger, and force mains 4 inches and larger. A weighting based on installed costs for each size pipe was used to derive estimated capital investment in the collection and transmission system.
- d) Allocation of PILOPT to wholesale users was based on the capital investment inside the City of St. Petersburg of all wastewater assets. All investment in the reuse system was allocated to the retail cost function. The wholesale allocation included a proportionate share of transmission and disposal costs based on flow and lift station costs, which were allocated based on estimated cost of specific lift stations serving wholesale customers.

Attachment D-2

↖

City of St. Pete Beach Wastewater Capital Charges Payable to St. Petersburg
Amortization of Capital Improvements Constructed Prior to April 1, 2001

The following is a capital charge payment schedule for wastewater system improvements constructed by St. Petersburg prior to April 1, 2001 based on a capacity entitlement percentage of 14.5% of the NWWRF plant capacity. Capital charges for improvements to the wastewater system allocable to St. Pete Beach constructed after April 1, 2001 will be in addition to the charges shown herein.

Line No.	Fiscal Year Ending	Capital Amortization Charge	Settlement Payment Credit	Net Annual Capital Charge	Monthly Capital Charge
1	2001	\$ 150,811.00	\$ 27,246.00	\$ 123,565.00	\$ 20,594.17
2	2002	301,621.00	54,492.00	247,129.00	20,594.08
3	2003	301,621.00	54,492.00	247,129.00	20,594.08
4	2004	301,621.00	54,492.00	247,129.00	20,594.08
5	2005	301,621.00	54,492.00	247,129.00	20,594.08
6	2006	301,621.00	54,492.00	247,129.00	20,594.08
7	2007	301,621.00	27,246.00	274,375.00	22,864.58
8	2008	301,621.00	-	301,621.00	25,135.08
9	2009	99,467.00	-	99,467.00	8,288.92
10	2010	99,467.00	-	99,467.00	8,288.92
11	2011	99,467.00	-	99,467.00	8,288.92
12	2012	99,467.00	-	99,467.00	8,288.92
13	2013	99,451.00	-	99,451.00	8,287.58
14	2014	99,216.00	-	99,216.00	8,268.00
15	2015	98,689.00	-	98,689.00	8,224.08
16	2016	97,890.00	-	97,890.00	8,157.50
17	2017	94,463.00	-	94,463.00	7,871.92
18	2018	93,444.00	-	93,444.00	7,787.00
19	2019	89,172.00	-	89,172.00	7,431.00
20	2020	57,267.00	-	57,267.00	4,772.25
21	2021	46,997.00	-	46,997.00	3,916.42
22	2022	35,053.00	-	35,053.00	2,921.08
23	2023	12,868.00	-	12,868.00	1,072.33
24	2024	2,669.00	-	2,669.00	222.42
25	2025	1,875.00	-	1,875.00	156.25
26	2026	-	-	-	-

Note: FY 2001 charges are for the 6 month period from April 1, 2001 through September 30, 2001.

EXHIBIT "E"

CHARGES FOR WHOLESALE WASTEWATER SERVICE

The following are the initial charges for wholesale wastewater service to be charged by St. Petersburg to St. Pete Beach effective beginning April 1, 2001, based on the methodology for the determination of wholesale wastewater charges described in Exhibit "D" of this Agreement. The charges herein shall be adjusted in accordance with the wholesale wastewater rate methodology described in Exhibit "D" of this Agreement.

St. Petersburg will bill on a monthly basis to St. Pete Beach charges for wholesale wastewater service which shall consist of the sum of i) an operation and maintenance charge, and ii) a capital charge. The operation and maintenance charge shall be billed based on St. Pete Beach's metered wastewater flow during the monthly billing period multiplied by the operation and maintenance charge rate per million gallons of wastewater flow. The annual capital charge shall be billed in twelve (12) equal monthly installments. The wholesale wastewater service charges to be effective with service beginning April 1, 2001, shall be as follows:

Operation and Maintenance Charge..... \$ 1,281.42 Per Million Gallons

Capital Charge \$ 20,594.17 Per Month

The charges presented herein for wholesale wastewater service are subject to an Annual True-up at the end of the fiscal year, as provided for in Paragraph 7(e) of the Agreement.

AMENDMENT TO AGREEMENT
BETWEEN CITY OF ST. PETE BEACH
AND CITY OF ST. PETERSBURG
DATED JUNE 6, 2001

THIS AMENDMENT, made and entered into this 4th day of ^{December}~~October~~, 2001, by and between the CITY OF ST. PETE BEACH, a Municipal Corporation of the State of Florida, and the CITY OF ST. PETERSBURG, also a Municipal Corporation of the State of Florida.

Both Parties stipulate and agree that the Agreement entered into by the Parties dated June 6, 2001 is hereby amended by changing the date of each and every reference of "September 30, 2001" to the date of "October 31, 2001." All other terms of the Agreement shall remain the same.

AGREED TO AND EXECUTED on the date entered above.

ATTEST:

Eva Andujar
City Clerk
Eva Andujar

CITY OF ST. PETERSBURG
[Signature]
MAYOR

APPROVED AS TO FORM AND CONTENT:

[Signature]
CITY ATTORNEY
DE ASSISTED CITY ATTORNEY



ATTEST:

[Signature]
CITY CLERK Theresa B. McMaster

CITY OF ST. PETE BEACH

[Signature]
MAYOR Ward Friszolowski

APPROVED AS TO FORM:

[Signature]
CITY ATTORNEY James Devito

Adopted By City of St. Petersburg on 9/20/01
City of St. Pete Beach on 9/18/01

SECOND AMENDMENT TO AGREEMENT
BETWEEN CITY OF ST. PETE BEACH
AND CITY OF ST. PETERSBURG
DATED JUNE 6, 2001

THIS AMENDMENT, made and entered into this 18th day of October, 2001, by and between the CITY OF ST. PETE BEACH, a Municipal Corporation of the State of Florida, and the CITY OF ST. PETERSBURG, also a Municipal Corporation of the State of Florida.

Both parties stipulate and agree that the Agreement entered into by the parties dated June 6, 2001 as previously amended is hereby amended by changing the date of each and every reference of "October 31, 2001" to the date of "November 9, 2001." All other terms of the Agreement shall remain the same.

AGREED TO AND EXECUTED on the date entered above.

ATTEST:

Eva Andujar
Eva Andujar
City Clerk

CITY OF ST. PETERSBURG

[Signature]
MAYOR

APPROVED AS TO FORM AND CONTENT:

[Signature]
CITY ATTORNEY (or designee)



ATTEST:

[Signature]
CITY CLERK

CITY OF ST. PETE BEACH

[Signature]
MAYOR

APPROVED AS TO FORM:

[Signature]
CITY ATTORNEY

Approved by St. Petersburg 10-18-01
St. Pete Beach 10-16-01

THIRD AMENDMENT TO AGREEMENT
BETWEEN CITY OF ST. PETE BEACH
AND CITY OF ST. PETERSBURG
DATED JUNE 6, 2001

THIS AMENDMENT, made and entered into this 8th November, 2001,
11th day of December, 2001,
by and between the CITY OF ST. PETE BEACH, a Municipal Corporation of the State of Florida,
and the CITY OF ST. PETERSBURG, also a Municipal Corporation of the State of Florida.

Both parties stipulate and agree that the Agreement entered into by the parties dated June 6, 2001 as previously amended is hereby amended by changing the date of each and every reference of "November 9, 2001" to the date of "November 29, 2001." All other terms of the Agreement shall remain the same.

AGREED TO AND EXECUTED on the date entered above.

ATTEST:

Eva Andujar
Eva Andujar
City Clerk

CITY OF ST. PETERSBURG

[Signature]
MAYOR

APPROVED AS TO FORM AND CONTENT:

[Signature]
CITY ATTORNEY (or designee)



ATTEST:

[Signature]
CITY CLERK

CITY OF ST. PETE BEACH

[Signature]
MAYOR

APPROVED AS TO FORM:

[Signature]
CITY ATTORNEY

Approved by St. Petersburg 11-8-01
St. Pete Beach 11-6-01

APPENDIX H:

St. Pete Beach Pump Evaluation and Maintenance Program

Month (Fiscal Year)	St. Pete Beach Annual Maintenance Schedule			
	WEEK 1	WEEK 2	WEEK 3	WEEK 4
October	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
November	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
December	Pump Station 1, 2, &3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, &3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
	Exercise and maintain all Air Release Valves			
January	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
	Preventative Maintenance Inspection of 3 Duplex Lift Stations (City Staff)			
	Pump Supplier Preventative Maintenance Inspection of Pump Station 1 - All Pumps (FLYGT)			
February	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
	Preventative Maintenance Inspection of 3 Duplex Lift Stations (City Staff)			
	Pump Supplier Preventative Maintenance Inspection of Pump Station 2 and 3 - All Pumps (FLYGT)			
March	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
	Preventative Maintenance Inspection of 1 Duplex Lift Station (City Staff)			
	Pump Supplier Preventative Maintenance Inspection of 6 Lift Stations - All Pumps (FLYGT)			
	Pump Supplier Preventative Maintenance Inspection of 1 Lift Station - All Pumps (ABS)			
April	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
May	Pump Station 1, 2, &3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, &3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
	Complete Emergency Generator/Bypass Pump Exercise for Hurricane Season Preparedness for Lift Stations 4-17			
June	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
July	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
August	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
September	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 6, 7, 8, 16 & 17 Pump Down and Maintenance	Pump Station 1, 2, & 3 Pump Down and Maintenance	Lift Station 10, 11, 12, 14, 15 Pump Down and Maintenance
	Lift Station 4 & 5 Pump Down and Maintenance		Lift Station 9 & 13 Pump Down and Maintenance	
	Hurricane Season			
	Complete Pump Overhaul if requried during January - March timeframe			
Pump Down and Maintenance:	City Personnel to complete all items included in the attached Pump Down and Maintenance Check List.			
ARV Maintenance:	Wastewater Air Release Valve should be scheduled for regular inspection on an annual basis. Inspection: Periodic inspection to verify operation can be performed. The valve should not leak fluid at any connection or through the outlet. If there is leakage through the outlet, perform a backwash procedure on the valve. Check to see that air is being released by cracking open the lower drain valve. If a large amount of air is released from the drain valve, then the main valve may be clogged and cleaning or a backwash procedure should be performed.			
Preventative Maintenance Inspection:	City Personnel to complete all items included in the attached Preventative Maintenance Inspection Check List. When Pumps are due for Pump Supplier Inspection, City Personnel is to Contact Flygt or Hydra Services to schedule work. Pump Station 1, 2, 3 are to be completed annually by Pump Supplier (FLYGT). All duplex lift stations are to be inspected by Pump Supplier biennially - 7 stations will be inspected by Pump Supplier (FLYGT or Hydra Services) each year.The remaining 7 stations will be inspected by City Staff. Stations shall be alternated the following year.			
Emergency Equipment Evaluation:	City Personnel to evaluate and test emergency equipment prior to hurricane season for Lift Station's 4-17			



Monthly Station Pump Down and Maintenance Checklist

Pump/Lift Station Number:

Date Maintenance Completed:

Completed By:

Activity	Completed	Notes
Pump down station completely to remove grease build up	Yes/No	
Clean Station Floats and Transducer	Yes/No	
Spray Wet Well if hose bib is accessible	Yes/No	
Actuate All Plug/Gate Valves in valve vault	Yes/No	
Check Pressure Gauge is working correctly if applicable	Yes/No	

Monthly Pump Malfunction Log

Date Malfunction Occurred	Malfunction Type	Corrective Action	Date Fixed

Action Items for any deficiencies noted at station:



Annual Preventative Maintenance Inspection Checklist

PAGE 1 OF 2

Pump/Lift Station Number:	Last Inspection Completed (Date)
Date Inspection Completed:	Inspection PASS/FAIL
Completed By:	

PUMPS						
Activity	Completed	Inspection Information			Deficiencies Noted	Action Items to Address Deficiencies
Pull Each Pump and confirm Make and Model	Yes/No	Pump Model:				
		Pump Serial Numbers:				
Check Oil Chamber	Yes/No	-				
Visually Inspect Impeller	Yes/No	-				
Visually Inspect Volute	Yes/No	-				
Check Wear Ring or Hard Iron Insert	Yes/No	-				
Check Lifting Bail and Lifting Device	Yes/No	-				
Inspect Power Cable	Yes/No	-				
Replace Zinc Anodes if required	Yes/No	-				
Inspect Pump Discharge Flange	Yes/No	-				
Run Each pump and check for vibration or unusual noise	Yes/No	-				
Reinstall Pumps and record Volts, Amps and check for proper floor seating	Yes/No		Volts	Amps		
		Pump 1:				
		Pump 2:				
		Pump 3:				
PUMP DRAW DOWN TEST						
See Draw Down Test Form for Duplex or Triplex Station						



Annual Preventative Maintenance Inspection Checklist

PAGE 2 OF 2

Pump/Lift Station Number:

Date Inspection Completed:

Completed By:

STATION			
Activity	Completed	Deficiencies Noted	Action Items to Address Deficiencies
Inspect Upper Guides are Secure and Functional	Yes/No		
Inspect Floats for proper sequence and operation	Yes/No		
Lubricate Locks, Hatches, Latches, and Hinges	Yes/No		
Check Alarm Operation	Yes/No		
Check wire termination points for loose connections	Yes/No		
Disassemble each started and visually inspect contacts	Yes/No		
PUMP SHUT OFF HEAD TEST: Assess Wear and Motor Condition			
1. Close Valves in Valve Vault			
2. Measure Pressure in FM using pressure gauge when each pump is turned on. Confirm shut off head condition matches pump curve.			
<u>Pump</u>		<u>Shutoff Head (FT) Measured</u>	<u>Shutoff Head (FT) Shown on Curve</u>
Pump 1			
Pump 2			
Pump 3			
Deficiencies Noted:			

DUPLEX LIFT STATION
FLOW CALIBRATION – PUMP DOWN METHOD

Lift Station Number/Location: **Notes:**

Current Pump Calibration Results: **Pump #1 -** **(gpm)** **Pump #2 -** **(gpm)**

Calibration Performed by:

Date of Calibration:

Lift Station Capacity:

Circular Tank: Diameter (ft) divided by 1/2 radius. Radius squared (ft) =

Radius squared (ft) x Depth (ft) x 3.14 x 7.48 = gallon capacity.

Gallons per inch:

Capacity (gallons) / Depth (ft) / 12 inches = gallons per inch.

With all pumps off, measure distance to surface of water, record the time (to the second) and start pump. Let pump run for exactly one minute, turn off pump, record time and new measurement of distance to water surface. Find the difference in the measurements and add to it the amount that the lift station filled back up after the lift station stands for one minute without pumps running. The total is the amount that the pumps discharge in one minute.

PUMP # 1								PUMP # 2								BOTH PUMPS ON								Other Manifolded Lift Stations Running
Start Time	Stop Time	Depth at Start (ft)	Depth after 60 sec (ft)	Depth Pumped (ft)	Depth Refilled in 1 minute (ft)	Total Depth Pumped (ft)	PSI	Start Time	Stop Time	Depth at Start (ft)	Depth after 60 sec (ft)	Depth Pumped (ft)	Depth Refilled in 1 minute (ft)	Total Depth Pumped (ft)	PSI	Start Time	Stop Time	Depth at Start (ft)	Depth after 60 sec (ft)	Depth Pumped (ft)	Depth Refilled in 1 minute (ft)	Total Depth Pumped (ft)	PSI	

After obtaining three totals, average the three, multiply by the gallons per hundredths of a foot to obtain gallons per minute. If you are using Hour TEM's, multiply gallons per minute by 60 to obtain gallons per hour.

Gallons Per Minute (GPM) and Gallons Per Hour (GPH) Calculations:											
PUMP # 1				PUMP # 2				BOTH PUMPS ON			
Ave depth pumped:			inches x gal/inch = GPM	Ave depth pumped:			inches x gal/inch = GPM	Ave depth pumped:			inches x gal/inch = GPM
For hour clocks...			GPM x 60 = GPH	For hour clocks...			GPM x 60 = GPH	For hour clocks...			GPM x 60 = GPH

TRIPELX PUMP STATION
FLOW CALIBRATION – PUMP DOWN METHOD

Input Value
Calculated Value

Plant Name: Plant ID#

Pump Station Number/Location: Notes:

Current Pump Calibration Results: Pump #1 - (gpm) Pump #2 - (gpm) Pump #3 - (gpm)

Calibration Performed by:

Date of Calibration:

Pump Station Capacity:

Rectangular Tank: Length (ft) x Width (ft) x Depth (ft) = x 7.48 = gallon capacity.

Circular Tank: Diameter (ft) divided by 1/2 radius. Radius squared (ft) =

Radius squared (ft) x Depth (ft) x 3.14 x 7.48 = gallon capacity.

Gallons per inch:

Capacity (gallons) / Depth (ft) / 12 inches = gallons per inch.

With all pumps off, measure distance to surface of water, record the time (to the second) and start pump. Let pump run for exactly one minute, turn off pump, record time and new measurement of distance to water surface. Find the difference in the measurements and add to it the amount that the lift station filled back up after the lift station stands for one minute without pumps running. The total is the amount that the pumps discharge in one minute.

PUMP # 1								PUMP # 2								PUMP # 3								Other Lift Stations Running
Start Time	Stop Time	Depth at Start (inch)	Depth after 60 sec (inch)	Depth Pumped (inch)	Depth Refilled in 1 minute	Total Depth Pumped	PSI	Start Time	Stop Time	Depth at Start (inch)	Depth after 60 sec (inch)	Depth Pumped (inch)	Depth Refilled in 1 minute	Total Depth Pumped	PSI	Start Time	Stop Time	Depth at Start (inch)	Depth after 60 sec (inch)	Depth Pumped (inch)	Depth Refilled in 1 minute	Total Depth Pumped	PSI	
PUMP # 1 & 2								PUMP # 2 & 3								ALL Pumps On								Other Lift Stations Running
Start Time	Stop Time	Depth at Start (inch)	Depth after 60 sec (inch)	Depth Pumped (inch)	Depth Refilled in 1 minute	Total Depth Pumped	PSI	Start Time	Stop Time	Depth at Start (inch)	Depth after 60 sec (inch)	Depth Pumped (inch)	Depth Refilled in 1 minute	Total Depth Pumped	PSI	Start Time	Stop Time	Depth at Start (inch)	Depth after 60 sec (inch)	Depth Pumped (inch)	Depth Refilled in 1 minute	Total Depth Pumped	PSI	

After obtaining three totals, average the three, multiply by the gallons per hundredths of a foot to obtain gallons per minute. If you are using Hour TEM's, multiply gallons per minute by 60 to obtain gallons per hour.

Gallons Per Minute (GPM) and Gallons Per Hour (GPH) Calculations:											
PUMP # 1				PUMP # 2				PUMP # 3			
Ave depth pumped: inches x gal/inch = GPM				Ave depth pumped: inches x gal/inch = GPM				Ave depth pumped: inches x gal/inch = GPM			
For hour clocks... GPM x 60 = GPH				For hour clocks... GPM x 60 = GPH				For hour clocks... GPM x 60 = GPH			
PUMP # 1 & 2				PUMP # 2 & 3				ALL Pumps On			
Ave depth pumped: inches x gal/inch = GPM				Ave depth pumped: inches x gal/inch = GPM				Ave depth pumped: inches x gal/inch = GPM			
For hour clocks... GPM x 60 = GPH				For hour clocks... GPM x 60 = GPH				For hour clocks... GPM x 60 = GPH			

APPENDIX I: I&I Repair Exhibits

ST. PETE BEACH
SEWER SYSTEM REPAIRS

Legend NORTH FEBRUARY 2023

- ◆

Conflict Structure

⬢

Clean Out

⊙

ARV

⌚

Lift Station

⊙

Active Manhole

⊙

Abandoned Manhole
- Active Force Main

—

Active Gravity Main

—

Abandoned Pipe
- ◆

Point Repair Completed

—

Lining Completed

—

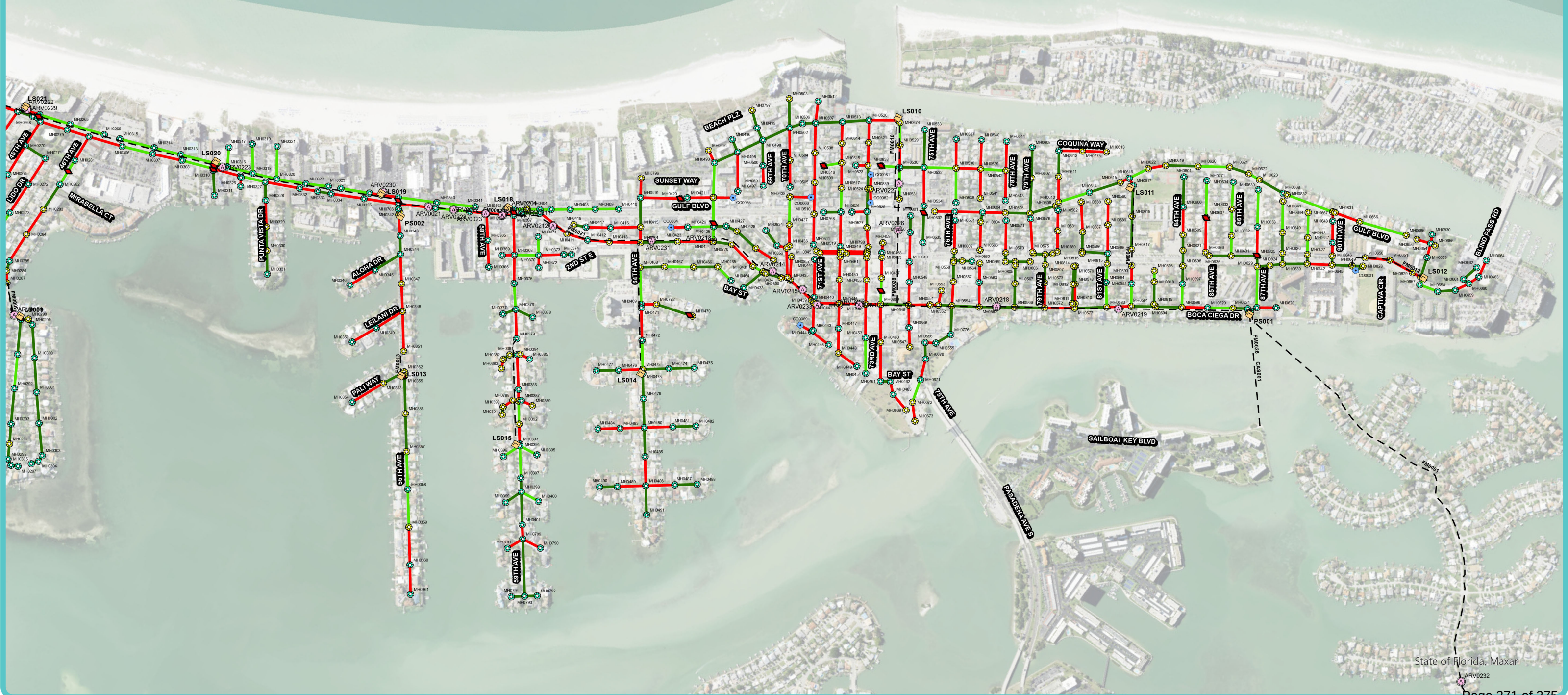
Repairs Required

⊙

Lined Manhole

St. Pete Beach

The Sunset Capital of Florida



ST. PETE BEACH SEWER SYSTEM REPAIRS

Legend

SOUTH

FEBRUARY 2023

- | | | | | |
|---|--------------------|---|------------------------|----------------|
|  | Conflict Structure |  | Active Force Main | Repairs |
|  | Clean Out |  | Active Gravity Main | |
|  | ARV |  | Abandoned Pipe | |
|  | Lift Station |  | Point Repair Completed | |
|  | Active Manhole |  | Lining Completed | |
|  | Abandoned Manhole |  | Repairs Required | |
| | |  | Lined Manhole | |



**St. Pete Beach City Commission
Agenda Report**

Action Request: Electric Vehicle Charging Policy Discussion

Strategic Objective: Sustainability – Green City

Date: March 7, 2023

Prepared By: Alex Rey, City Manager

Through: Alex Rey, City Manager

Summary of Issue: At the request of the City Commission to establish an electric vehicle (EV) charging policy, we reviewed the current program and policies, as well as what other governmental agencies in the area are doing.

Funding: N/A

Attachments: 1. Electric Vehicle Charging Policy Exhibits

**Reviewed by the
City Manager:** _____

Exhibit I

Electric Vehicle Charging Station Analysis						
	August	September	October	November	December	January
Pass-a-Grille						
Average Session Length (Minutes)	87	92	143	222	199	129
Number of vehicles	28	32	48	64	47	75
Total Minutes	2423	2937	6854	14232	9447	9658
Total kWh	228.85	302.47	640.29	938.33	811.34	807.1
Total Energy Cost	\$34.33	\$45.37	\$96.04	\$140.75	\$121.70	\$121.07
Library						
Average Session Length (Minutes)	142	214	173	213	195	95
Number of vehicles	21	23	28	72	86	104
Total Minutes	2987	4926	4854	15425	16805	9875
Total kWh	316.23	550.08	425.43	1355	1376	851.32
Total Energy Cost	\$49.02	\$82.51	\$63.81	\$203.25	\$213.28	\$127.70
Community Center 1						
Average Session Length (Minutes)	110	150	209	104	194	146
Number of vehicles	3	8	8	21	36	60
Total Minutes	301	1197	1670	2177	7062	8783
Total kWh	32.9	39.03	106.69	143.66	471.26	703.83
Total Energy Cost	\$4.94	\$5.85	\$16.00	\$21.55	\$70.69	\$109.09
Community Center 2						
Average Session Length (Minutes)	100	224	120	212	193	175
Number of vehicles	6	10	7	48	76	67
Total Minutes	601	2243	842	10277	14700	11711
Total kWh	38.12	143.02	88.97	671.91	800.45	1006.64
Total Energy Cost	\$5.72	\$21.45	\$13.35	\$100.79	\$120.07	\$151.00
Totals						
Total Minutes	6312	11303	14220	42111	48014	40027
Number of vehicles	58	73	91	206	246	306
Total kWh	616.1	1034.6	1261.38	3108.9	3459.05	3368.89
Total Energy Cost	\$94.00	\$155.19	\$189.21	\$466.34	\$525.74	\$508.85
Average Cost Per Vehicle Transaction	\$1.63	\$2.13	\$2.08	\$2.26	\$2.14	\$1.66

Total	\$1,939.32
Average Cost per Vehicle Transaction	\$1.98

Exhibit II

Governmental Charging Locations in the Area

	Location	Quantity	Cost
Tarpon Springs	Library	4	Free
Redington Shores	City Hall	2	Free
Treasure Island	City Hall (New)	1	Free
Indian Rocks	City Hall (New)	2	\$0.15 kWh+ 6% Transaction Fee
Sand Key (Clearwater)	Parking Lot	2	Free
Pinellas County	12520 Ulmerton Rd	2	Free
Largo	Rec Center	2	Free
Largo	Ulmer Park	2	Free
Largo	Library	2	Free
Largo	Police Station	2	Free
Largo	City Hall	2	Free
Dunedin	Library	2	Free
Dunedin	Hale Activity Center	2	Free
Dunedin	City Hall	4	Free