



**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

155 Corey Avenue
St. Pete Beach, FL 33706

Tuesday, June 11, 2024
6:00 PM

Call to Order
Pledge of Allegiance
Roll Call

REGULAR MEETING

1. Approval of the Agenda -

Action Request: Motion to approve the June 11, 2024, 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. May 28, 2024, City Commission Workshop and 6:00 p.m. Meeting Minutes and June 4, 2024, City Commission and Beach Stewardship Committee Joint Workshop Minutes

b. PAGW Seawall Repair PHI - Change Orders 2 & 3

c. PS 1 Direct Purchase Odor Control - Heyward

d. SWLL Field Use Agreement Renewal

4. Action Items -

a. Don CeSar Boat Ramp Feasibility Location

- b. Stormwater Pumpstation Don CeSar Neighborhood - 30% Design**
- c. Outfall Rehabilitation (5) locations Don Cesar Neighborhood**
- d. Temporary Seawall at 36th Ave for neighborhood protection during 2024 Hurricane Season**
- 5. **Ordinances -**
 - a. Final Reading and Public Hearing Ordinance 2024-01: Technical Review Committee Attendance**
AN ORDINANCE OF THE CITY OF ST. PETE BEACH, FLORIDA AMENDING THE CODE OF ORDINANCES, CHAPTER 22 – BOARDS, COMMITTEES, COMMISSIONS, ARTICLE VI – TECHNICAL REVIEW COMMITTEE (TRC), SECTION 22-146 – MEMBERSHIP; PROVIDING FOR CODIFICATION; CONFLICTS; SEVERABILITY; CORRECTION OF SCRIVENER’S ERROR; CONSTRUCTION; PUBLICATION; AND AN EFFECTIVE DATE.

Open the public hearing. Close the public hearing after public comment, if any.

Action Request: Motion to adopt Ordinance 2024-01.
- 6. **Items for Discussion -**
 - a. Florida League of Cities Florida City Government Week Activity**
The Commission is to give the City Clerk direction on an activity for this year's Florida City Government Week, October 21-27.
 - b. Beach Ordinance**
- 7. **City Clerk, City Manager, City Attorney and City Commission Reports -**
- 8. **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. 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 12:00 p.m. on the day of the meeting at cityclerk@stpetebeach.org
- Leave a voicemail message by calling **727.363.9225** by 12:00 p.m. the day of the meeting
- Upload or submit a video or audio file online by 12:00 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.

DRAFT
City Commission Workshop
May 28, 2024
4:00 p.m.

ELECTED / APPOINTED OFFICIALS PRESENT:

Adrian Petrilu, Mayor
Rich Lorenzen, Vice Mayor, Commissioner, District 4
Karen Marriott, Commissioner, District 1
Nick Filtz, Commissioner, District 2
Betty Rzewnicki, District 3

STAFF PRESENT:

Andrew Dickman, City Attorney
Wayne Saunders, City Manager
Amber LaRowe, City Clerk
Jennifer McMahon, Chief Operating Officer

Mayor Petrilu called the meeting to order at 4:00 p.m. followed by the Pledge of Allegiance.

1. ITEMS FOR DISCUSSION

a. Compensation Study

Rick Campbell, Paypoint HR, gave a presentation to the City Commission on the recent compensation study that was performed. A copy of the presentation is made a part of the record. Topics covered included:

- Project Approach
 - External market
 - Organizational structure
 - Knowledge, skills, and abilities
- Internal equity
 - Job analysis questionnaire provided to each City employee
- Responding cities
 - Belleair
 - Cape Canaveral
 - Clearwater
 - Dunedin
 - Fernandina Beach
 - Fruitland Park
 - Groveland
 - Indian Harbour Beach
 - Key West
 - Lake Park
 - Lantana
 - Largo
 - Longboat Key
 - Marco Island
 - Mount Dora
 - Niceville
 - North Palm Beach
 - Oldsmar
 - Palmetto Bay
 - Pinellas County
 - Punta Gorda

- Rockledge
 - Safety Harbor
 - St. Augustine
 - Treasure Island
 - West Melbourne
 - Wildwood
- Comparator Factors
 - Cost of living
 - Labor force participation
 - Median household income
 - Median housing price
 - Unemployment rate
- Market position for City departments
 - Based on October 2023 – CPI is 3.7% as of March 2024
- Average of job titles – 7.2% below market
- Recommendations
 - Salary scale – 20 grades with 7.5% between grades
 - Min to max 60% spread
 - Minimum wage \$15.00

Commissioner Rzewnicki mentioned the various cities that responded (30) and how “apples to apples” was identified; Mr. Campbell reiterated the approach and data collection methodologies.

Mr. Campbell stated that the City should consider whether they want to be 50% better than the cities who responded, 55%, 60%, 65%, etc. The impact on the budget was discussed. It was also mentioned that a CPI increase could be considered to coincide with any compensation increase that is given to the employees based on this study due to this information being from October 2023.

If the City would like to be in the 50% range, the estimated impact to the budget would be approximately \$250,000. City Manager Saunders stated that the increase would be implemented on October 1st to coincide with the beginning of the fiscal year.

When discussing the various positions, such as Building, that are difficult to fill in the City, it was mentioned that the City could incentivize those positions by adjusting their pay grade or not starting them at the minimum salary for the grade.

The City Commission appeared to be in favor of the 50% range for the market but will discuss this in more detail at the next budget workshop meeting when that is scheduled.

Mayor Petrila adjourned the meeting at 5:31 p.m.

MINUTES APPROVED:

AMBER LAROWE
CITY CLERK

ADRIAN PETRILA
MAYOR

DRAFT
City Commission Meeting
May 28, 2024
6:00 p.m.

ELECTED / APPOINTED OFFICIALS PRESENT:

Adrian Petrilu, Mayor
Rich Lorenzen, Vice Mayor, Commissioner, District 4
Karen Marriott, Commissioner, District 1
Nick Filtz, Commissioner, District 2
Betty Rzewnicki, District 3

STAFF PRESENT:

Andrew Dickman, City Attorney
Wayne Saunders, City Manager
Amber LaRowe, City Clerk
Jennifer McMahon, Chief Operating Officer
Jim Kilpatrick, Fire Chief

Mayor Petrilu called the meeting to order at 6:00 p.m., followed by the Pledge of Allegiance.

1. APPROVAL OF THE AGENDA

City Clerk LaRowe informed the Commission of a typo on the May 14th Meeting Minutes – two number 7s were on the minutes, she has corrected the numbering since this agenda was published.

City Manager Saunders removed item 4c.

Commissioner Rzewnicki requested a discussion item be added on a resiliency committee (*item 7a*).

Mayor Petrilu requested the addition of two discussion items, one on the joint workshop with the Historic Preservation Board (*item 7b*) and the other on parking meters (*item 7c*).

Motion: Vice Mayor Lorenzen moved, Commissioner Rzewnicki seconded, and the motion carried 5-0 to approve the May 28, 2024, City Commission agenda as amended.

2. AUDIENCE COMMENTS

Ken Kosbob, resident and employee, commented on today's Workshop and the pay study. He does not agree with the intent to increase employee compensation beginning October 1 and opined the City needs to strive to meet the pay benchmark greater than 50 percent as discussed.

Deborah Schechner, resident, mentioned the development woes going on around the Country. She mentioned the comments made at the last meeting by the City Attorney regarding decorum and gave her opinions on the resident comments and passion for the City.

3. CONSENT

- a. May 14, 2024, City Commission Meeting Minutes
- b. Pest Control and Preventative Services
- c. Gulf Boulevard Utility Undergrounding Phase 1 Project

Motion: Commissioner Filtz moved, Commissioner Marriott seconded, and the motion carried 5-0 to approve the May 28, 2024, City Commission Consent Agenda.

4. ACTION ITEMS

a. First Addendum to Interim City Manager Employment Agreement

Mr. Saunders stated that this is to assist with the transition to the new City Manager in July; Mr. Saunders will still work with the City for another 30 days after the new City Manager starts to ensure that she gets up to speed.

Motion: Vice Mayor Lorenzen moved, Commissioner Marriott seconded, and the motion carried 5-0 to approve the First Addendum to the Interim City Manager Employment Agreement.

b. International Association of Firefighters (IAFF) 4966 Article 24: Pay Plan

Chief Operating Officer McMahon stated that there was a meeting with the IAFF in March, and it was agreed that there would be a 3% gross wage increase and a 3.5% increase between the step ladders. This is the second wage reopener as required by the current collective bargaining agreement.

Motion: Vice Mayor Lorenzen moved, Commissioner Rzewnicki seconded, and the motion carried 5-0 to authorize the execution of the International Association of Firefighters (IAFF) 4966 Article 24: Pay Plan (Wage Reopener).

c. Restroom Remodel of City Hall, Recreation Center Lobby, and Fire Station 23 removed

Motion: ~~to authorize the execution of the Agreement with All Phase Contractors in the amount of \$755,921.50 for the design/build of the City Hall, Recreation Center lobby, and Fire Station 23 restrooms.~~

5. ORDINANCES

a. Second (Final) Reading and Public Hearing of Ordinance 2023-10: Comprehensive Plan Evaluation and Appraisal Report Amendments

AN ORDINANCE OF THE CITY OF ST. PETE BEACH, FLORIDA AMENDING, PURSUANT TO SECTIONS 163.3184 AND 163.3191, FLORIDA STATUTES, THE CITY OF ST. PETE BEACH COMPREHENSIVE PLAN ELEMENT I. – CITIZEN INPUT ON COMMUNITY REDEVELOPMENT; ELEMENT II. – FUTURE LAND USE PLAN ELEMENT; ELEMENT III. TRANSPORTATION PLAN ELEMENT; ELEMENT IV. HOUSING PLAN ELEMENT; ELEMENT V. INFRASTRUCTURE PLAN ELEMENT; ELEMENT VI. COASTAL AND CONSERVATION; ELEMENT VII. RECREATION AND OPEN SPACE; ELEMENT VIII. CAPITAL IMPROVEMENTS; ELEMENT IX. INTERGOVERNMENTAL COORDINATION; AND ELEMENT X. PUBLIC SCHOOL FACILITIES; STRIKING ELEMENT XI. FUTURE LAND USE MAPS AND RELOCATING ITS AMENDED CONTENT TO ELEMENT II. - FUTURE LAND USE PLAN ELEMENT; AND CREATING ELEMENT XI. PRIVATE PROPERTY RIGHTS ELEMENT; PROVIDING FOR CODIFICATION; CONFLICTS; SEVERABILITY; CORRECTION OF SCRIVENER'S ERROR; CONSTRUCTION; PUBLICATION; AND AN EFFECTIVE DATE.

Nicole Galasso, AICP, Kimley-Horn, gave a presentation to the City Commission regarding the amendments made. A copy of the presentation is made a part of the record. Information shared in the presentation included:

- Purpose
 - Required every 7 years to reflect changes in State requirements
 - Was due by 7/1/2023
 - Brings City into compliance with State Law only, no changes to density, intensity, height, or other development standards

- Timeline and Approach
 - Began March 2020
- Required Contents of the Adoption Package
 - Text changes (strikethrough/underline in Agenda package)
 - Future Land Use Map amendments
 - Any data and analyses necessary
 - Executed ordinance adopting the Comp Plan Amendment
- Proposed Plan Amendment Overview
 - Statutory changes
 - Forward Pinellas comments for consistency with the Countywide plan
 - Level of service changes
- Next Steps
 - If adopted 10 working days to submit the package
 - State has 45 days to issue a Notice of Intent with the determination of in compliance or not in compliance.

Resident Deborah Schechner questioned the outreach made to the public and how the comments were/have been addressed.

Ms. Galasso stated that comments by the public were made at the meetings held with the Planning Board and with the City Commission throughout this process. Compliance is for statutory requirements only.

Mayor Petrila expressed his opinions about possible conflict of interest with Kimley Horn as he has stated before when this item has been brought before the Commission. He opined that he would feel more comfortable having another firm review their work.

Attorney Dickman reminded the Commission that other agencies have reviewed this such as the County, City staff, and the legal department.

Philip DiMaria, AICP, Kimley-Horn, understood the Mayor's concerns and explained that through the AICP program, there is a code of ethics to which Mr. DiMaria and Ms. Galasso hold themselves accountable and would not compromise their licensure.

Motion: Vice Mayor Lorenzen moved, Commissioner Marriott seconded, and the motion carried 4-1 to adopt Ordinance 2023-10. Mayor Petrila voted no.

6. RESOLUTIONS

a. Resolution 2024-02: Transmittal of Comprehensive Plan Amendments to the Florida Department of Commerce

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, APPROVING THE TRANSMITTAL OF COMPREHENSIVE PLAN AMENDMENT 23-01ER TO THE FLORIDA DEPARTMENT OF COMMERCE FOLLOWING FINAL ADOPTION PURSUANT TO SECTION 163.3184(2) AND (4), FLORIDA STATUTES; INCORPORATING THE CONDITIONS OUTLINED HEREIN; AND PROVIDING FOR CORRECTION OF SCRIVENER'S ERROR AND AN EFFECTIVE DATE.

Brandon Berry, Senior Planner, stated that this item is to authorize the transmittal of Ordinance 2023-10.

Motion: Commissioner Marriott moved, Vice Mayor Lorenzen seconded, and the motion carried 4-1

to adopt Resolution 2024-02. Mayor Petrila voted no.

7. ITEMS FOR DISCUSSION

a. **Resiliency Committee (added)**

Commissioner Rzewnicki stated that the topic of creating a resiliency committee has been mentioned a handful of times and she wanted to see how the other Commissioners felt about it.

Commissioner Filtz would like some more information on what their role would be before any decision is made on creating this type of committee.

Mayor Petrila opined that resiliency discussion could fall under the purview of the Planning Board. He stated that it is already difficult trying to fill the seats of the boards the City has now, and the addition of a board may add to that.

Attorney Dickman stated that there are perimeters written in the Code that the Commission can add to the Planning Board any other tasks for them to review.

It was decided that the Commission would give the Planning Board direction on resiliency in the form of a scope; this topic will be added to an upcoming agenda.

Kathy Garchow, resident, expressed the desire of the residents to be assured that there is follow through on the tasks assigned.

b. **Historic Preservation Board Joint Workshop (added)**

Mayor Petrila stated that the Chair of the Board asked that this workshop be postponed until after the August election; the Clerk will send out a new request for dates sometime in early September.

c. **Parking Meters (added)**

Mayor Petrila requested a report on the parking revenue for the last six months (since the inception of the last increase in parking fees). He also mentioned the businesses along the 8th and 9th Avenues in Pass-A-Grille and their parking issues.

Mrs. McMahon will review various formulas and provide them to the Commission.

8. CITY CLERK, CITY MANAGER, CITY ATTORNEY, AND CITY COMMISSION REPORTS

Amber LaRowe, City Clerk – mentioned the joint workshop with the Beach Stewardship Committee on June 4th and the request for public comment. She reminded the Commission of the way public comment was handled for a prior joint workshop with the Planning Board and the 24 hours in advance submittal via an online form; the Commission agreed to do the same for this joint workshop. Mrs. LaRowe will publish that information on the agenda as it will be posted tomorrow.

Mrs. LaRowe provided a handout she received from the Florida League of Cities for Florida City Government week in October. This handout highlights various events that other municipalities have held in their cities in recognition of Government Week and she would like to mimic one of these here this year. The Commission will review the information and provide feedback on which event at the next meeting.

Wayne Saunders, City Manager – requested to hold a budget workshop on June 12th or 13th at 4:00 p.m.; the Commission agreed on June 13, 2024, at 4:00 p.m.

Mr. Saunders touched on the weekly discussions he has been having with the new City Manager.

Vice Mayor Lorenzen—gave staff kudos for setting up the Community Center for the Barrier Islands Government Council meeting tomorrow at 9:00 a.m. and then setting up for the boat ramp community meeting tomorrow at 6:00 p.m.

Commissioner Rzewnicki – thanked the staff for the District 3 Town Hall meeting last week and for all the residents who attended.

She mentioned her attendance at the Tourism Week brunch last week that the Tampa Bay Beaches Chamber of Commerce held.

Commissioner Filtz – thanked the City Manager and his staff for assisting with the three light poles that were a nuisance to residents.

He attended the Memorial Day event at the American Legion and encouraged others to attend next year if they can.

Commissioner Marriott – enjoyed the beach this weekend during the busy Holiday and mentioned that, while crowded, most people seemed to enjoy themselves and cleaned up when they left.

Mayor Petrila—gave kudos Pinellas County Sheriff’s Office for having more of a presence on the beach and around the City.

Mayor Petrila adjourned the meeting at 7:20 p.m.

MINUTES APPROVED:

AMBER LAROWE
CITY CLERK

ADRIAN PETRILA
MAYOR

DRAFT
City Commission and Beach Stewardship Committee Joint Workshop
June 4, 2024
1:00 p.m.

ELECTED/APPOINTED OFFICIALS PRESENT:

Adrian Petrilă, Mayor
Rich Lorenzen, Vice Mayor, Commissioner, District 4
Karen Marriott, Commissioner, District 1
Nick Filtz, Commissioner, District 2
Betty Rzewnicki, Commissioner, District 3

BEACH STEWARDSHIP COMMITTEE MEMBERS PRESENT:

Dan Rothenberger, Chair
John Kurzman, Vice Chair
Brad Panek
Jon Stevens
Michael Welch

STAFF PRESENT:

Matthew McConnell, Assistant City Attorney
Amber LaRowe, City Clerk
Jennifer McMahon, Chief Operating Officer

Mayor Petrilă called the workshop to order at 1:00 p.m. followed by the Pledge of Allegiance.

1. AUDIENCE COMMENTS

City Clerk LaRowe commented on the process and that all comments/questions received have all been sent to the Commission and Committee; no other comments were received after yesterday's 1:00 p.m. deadline.

2. FOR YOUR INFORMATION: BEACH ORDINANCE DISCUSSION MINUTES, PRIOR PUBLIC COMMENTS & NON-STAFF PRESENTATIONS

City Clerk LaRowe stated that all prior public comments and/or non-staff presentations have been uploaded to the City's public records portal with instructions found on the Agenda on how to access those. All meeting minutes where the beach ordinance was discussed have been made a part of the Agenda packet – all agenda materials for those meetings can be found on the City's website along with a recording of those meetings.

3. ITEMS FOR DISCUSSION

- a. Beach Ordinance MARKUP**
- b. Beach Ordinance CLEAN VERSION**

Assistant City Attorney Matthew McConnell requested that the City Commission and Beach Stewardship Committee Members focus their review on Section 95-22 to discuss cabanas, setbacks, and service areas. He also mentioned commercial permits and the possible requirements for resorts.

Regarding violations of the ordinance, Attorney McConnell suggested that the City issue a courtesy letter to correct the violation and then, if still non-compliant, appear in front of the Special Magistrate. Appropriate outlines of the cost of the violation (whether monetary and/or cease operations for a certain period) were discussed.

It was recommended that, in Section 95-22, there be a distinction between the alcohol service area and cabanas. The Commission and Committee agreed to have staff determine a boundary for the alcohol service area such as

beginning at the Coastal Conservation Control Line (CCCL). A measurement not to exceed 75 feet was mentioned with the possibility of 100 feet depending on the area and the boundary lines. Staff will prepare some recommendations and provide that information to the Commission and Committee at another workshop before the first read of this ordinance.

c. Model Marine Turtle Lighting Ordinance

Attorney McConnell discussed this lighting ordinance and opined that this should be stand-alone and not incorporated into the beach ordinance; the Commission and Committee agreed.

The City Clerk's Office was asked to reach out to the Beach Stewardship Committee to determine the best dates for a special meeting to go over this model ordinance.

Commissioner Filtz requested a modification to prohibitions to include open flame.

Mayor Petrila adjourned the meeting at 2:30 p.m.

MINUTES APPROVED:

AMBER LAROWE
CITY CLERK

ADRIAN PETRILA
MAYOR

**St. Pete Beach City Commission
Agenda Report**

Issue Considered: Pass-A-Grille Way Seawall Repair Change Orders 2 and 3 in the total amount of \$ 37,008.00.

Date: June 11, 2024

Strategic Objective: Resiliency

Prepared By: Mike Clarke, Director Public Works

Through: Wayne Saunders, City Manager

Summary of Issue: Change Order #2: The rehabilitation of the Pass-A-Grille Way Seawall requires the installation of new helical tiebacks. During installation some of the tiebacks hit various unknown obstacles which destroyed them. Cumulatively, 12 additional tiebacks were required totaling \$11,256.00.

Change Order #3: Damaged seawall panels allow tidal water to wash out soil material from behind the seawall. Over time voids were washed out under the sidewalk along the seawall. Ground penetrating radar was used to map the voids during the design process to establish a bid line item. In the time between the design and construction, staff anticipated an increase in the voids. A second ground penetrating radar investigation was performed which identified new voids and the expanse of existing ones. This change order in the amount of \$25,752.00 is for the cost of the increase in material required to fill and stabilize the voids to prevent the sidewalk from collapsing.

Funding: GL 301-0020 PAGW Seawall Repairs

Requested Motion: “I move to approve Change Orders 2 and 3 in the total amount of \$37,008.00 to Tampa Bay Marine.”

Attachment: Tampa Bay Marine Change Order 2
Tampa Bay Marine Change Order 3

**Reviewed by the
City Manager:** _____



March 20, 2024

RFI: Helical Anchors (update)

St. Pete Beach Pass a Grill Way Seawall Project
Attention: Ananda Bergeron

Dear Ananda:

Per our meeting on March 19, 2024, regarding changes needed to the Pass a Grill Way Seaway Project, please review the following and respond.

1. The additional Helical Anchors (Soil Anchor) needed due to the problems with hitting underground obstructions at the 7' maximum placements. To date there will be a need for (11) Eleven additional helicals. The quantity may change based on future obstructions being discovered.
 - a. The Price Each Helical which includes installation is: \$938.00
 - b. Due to the timing of receiving replacements we recommend using our inventory of the same type of helical but the size is 1-1/4" in leu of 1-1/8" currently being used. This does not impose any concern and are suitable for the current helical being used. Please confirm your approval of use.
2. Conflict installing of Helical Anchors at station# 21-55.

After discussing this issue at our on-site meeting yesterday the following Means and Methods will be used to resolve this issue.

 - A. The Waste Pump System will be removed to access the end of the Seawall to place a Helical there.
 - B. There will be two additional helicals installed between the End Helical and the fourth helical. Ensuring not to exceed 7' between all of them.
 - C. We will remove some of the piping of non-use systems as necessary.
 - D. Please confirm the need to reinstall the Waste Pump out station as discussed.

Respond:

1b: This is acceptable at no additional cost to the city.

2. Following coordination with the city, it was determined that the pump station will still need to be reinstalled following the construction of the seawall.

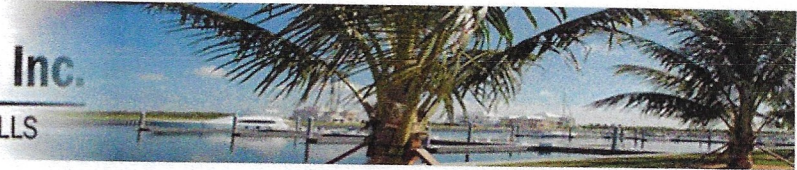
Answered By: Thomas Howell

Company: Stantec

Date: 4/02/2024

Kal Anglewicz

Email: kanglewicz@tampabaymarineinc.com Phone# 847-417-9312



March 28, 2024

RFI: Poly Fill Amount

St. Pete Beach Pass a Grill Way Seawall Project
Attention: Ananda Bergeron

Dear Ananada:

We plan on starting tomorrow installing the Poly Fill and we have in the Contract 695 Gallons of the Fill. Our concern is that based on the possibility there will be a need of additional Fill due to the extra areas that might require fill. We need to understand how you want us to proceed if extra fill is required.

This was discussed in past meetings, but we never received an answer on how we should handle this.

Your response is urgent due to our current schedule.

Respond:

Kal Anglewicz

Email: kanglewicz@tampabaymarineinc.com Phone: 847-417-9312

Re: St Pete Poly Fill Issue

Brett Warner <bwarner@stpetebeach.org>

Thu 4/4/2024 1:33 PM

To: Todd Pipes <tpipes@tampabaymarineinc.com>; Kal Anglewicz <kanglewicz@tampabaymarineinc.com>
Cc: Bergeron, Ananda <ananda.bergeron@stantec.com>; Brian Gelock <bgelock@stpetebeach.org>; Howell, Thomas <thomas.howell@stantec.com>; Mike Clarke <mclarke@stpetebeach.org>

Hi Todd,

As discussed, please proceed with continuing to fill the voids beneath the slab south of Mary pier. In that area, we should not stop the injections due to the quantity overrun. Just have them track the additional gallons and we will incorporate it into the next change order.

Thanks,

Brett E. Warner, PE
City Engineer
St. Pete Beach Public Works

From: Todd Pipes <tpipes@tampabaymarineinc.com>

Sent: Thursday, April 4, 2024 12:56:52 PM

To: Brett Warner <bwarner@stpetebeach.org>; Kal Anglewicz <kanglewicz@tampabaymarineinc.com>

Cc: Bergeron, Ananda <ananda.bergeron@stantec.com>; Brian Gelock <bgelock@stpetebeach.org>; Howell, Thomas <thomas.howell@stantec.com>; Mike Clarke <mclarke@stpetebeach.org>

Subject: Re: St Pete Poly Fill Issue

CAUTION: This message has originated from Outside of the Organization . Do Not Click on links or open attachments unless you are expecting the correspondence from the sender and know the content is safe

Brett,

Want to keep all parties in the loop on the polyurethane injection, we have completed all the areas under sidewalk along pass a grille way and have started the platform area on the south side of Merry pier. As of 12:00 noon, we have met our quantities per the contract 695 gal. We still have 8 more spots to be injected and would like to know how you would like to proceed. So far, each injection point on the platform is averaging 20 to 22 gal per location.

Please let me know as soon as possible on how to proceed. Thank you

Sent from my Verizon, Samsung Galaxy smartphone

Get [Outlook for Android](#)

From: Todd Pipes <tpipes@tampabaymarineinc.com>

Sent: Thursday, April 4, 2024 9:32:09 AM

To: Brett Warner <bwarner@stpetebeach.org>; Kal Anglewicz <kanglewicz@tampabaymarineinc.com>

Cc: Bergeron, Ananda <ananda.bergeron@stantec.com>; Brian Gelock <bgelock@stpetebeach.org>; Howell,

Thomas <thomas.howell@stantec.com>; Mike Clarke <mclarke@stpetebeach.org>

Subject: Re: St Pete Poly Fill Issue

Brett,

TBM understand the situation. We will inform our injection crew on site that they will have to come back once St Pete Beach and engineer figures out the areas needing attention.

Sent from my Verizon, Samsung Galaxy smartphone

Get [Outlook for Android](#)

From: Brett Warner <bwarner@stpetebeach.org>

Sent: Thursday, April 4, 2024 7:56:06 AM

To: Kal Anglewicz <kanglewicz@tampabaymarineinc.com>; Todd Pipes <tpipes@tampabaymarineinc.com>

Cc: Bergeron, Ananda <ananda.bergeron@stantec.com>; Brian Gelock <bgelock@stpetebeach.org>; Howell, Thomas <thomas.howell@stantec.com>; Mike Clarke <mclarke@stpetebeach.org>

Subject: RE: St Pete Poly Fill Issue

Hi Kal and Todd,

The GPR survey we just completed indicates that there may be a lot more grout injection locations than we expected. We won't be able to get you additional locations this week while we gather our thoughts and plan out our next steps.

If we need to re-mobilize the injection sub at a later date we understand it may be hard to schedule them, but the injection volume may quadruple. This isn't something we want to rush into.

I'll keep you updated with what is next.

Thanks,



Brett E. Warner, PE

City Engineer

Public Works Department | City of St. Pete Beach

727-363-9254

bwarner@stpetebeach.org

www.stpetebeach.org

155 Corey Avenue, St. Pete Beach FL 33706

Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

From: Kal Anglewicz <kanglewicz@tampabaymarineinc.com>

Sent: Wednesday, March 27, 2024 11:50 AM

To: Bergeron, Ananda <ananda.bergeron@stantec.com>; Brett Warner <bwarner@stpetebeach.org>;

Brian Gelock <bgelock@stpetebeach.org>; Howell, Thomas <thomas.howell@stantec.com>; Mike Clarke <mclarke@stpetebeach.org>

Cc: Todd Pipes <tpipes@tampabaymarineinc.com>

Subject: St Pete Poly Fill Issue

CAUTION: This message has originated from **Outside of the Organization**. **Do Not Click** on links or open attachments unless you are expecting the correspondence from the sender and know the content is safe

Hi All,

We have a concern regarding the amount of total Poly Fill that will be needed for this job. Please review the attached RFI and respond ASAP on how we should proceed.

Sincerely,

Sincerely,
Kal Anglewicz

Tampa Bay Marine Inc.

P.O. Box 250

11889 U.S. Hwy 41 S.

Gibsonton, FL 33534-5506

Office: (813)672-1222

Cell: (847)417-9312

Email: kanglewicz@tampabaymarineinc.com

The city of St. Pete Beach uses SeeClickFix for residents to submit issues to the city. To report an issue, please [click here](#).

All government correspondence is subject to the public records laws.

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**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Issue Considered: Pump Station #1 – Odor Control Direct Purchase

Strategic Objective: Resilience

Date: June 11, 2024

Prepared By: Mike Clarke, Public Works Director

Through: Wayne Saunders, Interim City Manager

Summary of Issue: The City is requesting to direct purchase the odor control package from Heyward Florida, Inc. as a sole source purchase. Heyward Florida, Inc. is the owner, manufacturer, sole supplier, inventor and patent holder for the HIVENT®, HIBOCS, HICARB, and HIVON odor control equipment, parts, services, HIBLEND nutrients used in our HIBOCS biological odor control systems, and HISCENT odor neutralizer used in HIVENT® and HIVON equipment. The City will be installing a HIBOCS/HICARB package as part of the upcoming rehabilitation of Master Pump Station 1.

By direct purchasing these items, the City will save approximately \$13,020.00 in sales tax. Additionally, these items typically take up to a year to acquire when purchased by a general contractor. By direct purchasing, this timeline is significantly reduced, shortening this lead time to around 20 weeks.

The City will also be able to expend the funds assigned to this project through Florida Job Growth grant FJJGF - G0074, which provided the City with a \$2,000,000.00 grant to perform this rehabilitation. Funds provided through this grant must be expended with reimbursement requested by June 30, 2025.

The City prepared the attached sole source notification package and posted it to the City's website for the required duration. No objections to procuring these materials as a sole source purchase were received.

Funding: Wastewater – Pump Station 1 (101-5671)

Requested Motion: “I move to approve the sole source purchase with Heyward Florida, Inc. for the Master Pump Station 1 Rehabilitation Odor Control package in the amount of \$186,000.00.”

Attachment:

1. Heyward Sole Source Letter
2. Sole Source Information
3. Pump Station 1 – Heyward Package



“Serving the Southeast Since 1908”

415 Country Club Drive - Winter Park, FL 32789 - PH: 407-628-1880

e-mail: rodneyL@heywardFL.com

DATE: February 8, 2024

CUSTOMER: City of St. Pete Beach Utilities

To whom it may concern,

Heyward Florida Incorporated (FED ID#59-3548065) is the owner, manufacturer, sole supplier, inventor and patent holder for the **HIVENT®**, **HIBOCS**, **HICARB**, and **HIVON** odor control equipment, parts, services, **HIBLEND** nutrients used in our **HIBOCS** biological odor control systems, and **HISCENT** odor neutralizer used in our **HIVENT®** and **HIVON** equipment.

Should you have any further questions, please do not hesitate to contact us at (407) 948-0332.

Kind regards,

A handwritten signature in blue ink that reads "Gregory J. Chomic".

Gregory J. Chomic, President
Heyward Florida Incorporated

HIBOCS / HICARB / HIVON / HIVENT®
ODOR CONTROL SYSTEMS



“ARREST YOUR ODORS”



NOTICE OF INTENT TO PURCHASE SOLE SOURCE COMMODITIES AND/OR SERVICES

DATE/TIME OF INITIAL POSTING	DATE/TIME POSTING REMOVED
March 05, 2024	March 14, 2024

The products and/or services listed below or on the attached page(s) are believed to be unique or proprietary in nature and therefore only available from one source. If you believe that you have a “like” product or service to offer, please submit your complete cost proposal including descriptive literature and detailed specifications by email to the Contact listed below. If you prefer, you may mail your proposal to:

Office of the City Clerk City of St. Pete Beach 155 Corey Avenue St. Pete Beach, FL 33706 Contact information John Taylor jtaylor@stpetebeach.org

This notice was posted September 25, 2023. All proposals must be received by the Procurement Manager by no later than 4:00 PM October 03, 2023. Proposals received after this deadline will not be considered.

Thank you for your interest in St. Pete Beach.



09/25/2023

RE: Description of Intended/Sole Source Purchase

To Whom it May Concern:

The City of St. Pete Beach intends to purchase Materials from Heyward Florida Incorporated (FED ID#59-3548065) the owner, manufacturer, sole supplier, inventor and patent holder for the **HIVENT®**, **HIBOCS**, **HICARB**, and **HIVON** odor control equipment, parts, services, **HIBLEND** nutrients used in our **HIBOCS** biological odor control systems, and **HISCENT** odor neutralizer used in our **HIVENT®** and **HIVON** equipment. This is for Pump Station #1 Odor Control System..

If you believe you have a "like" service, please contact Procurement Manager, John Taylor at the email below.

Sincerely,

John Taylor
Procurement Manager
St. Pete Beach Florida
jtaylor@stpetebeach.org

CITY OF ST. PETE BEACH, FLORIDA
PURCHASE AGREEMENT

Purchase of Odor Control System from Heywood Florida Industries

This is an Agreement (the "Agreement") entered into by and between the City of St. Pete Beach (hereinafter "City") and Heywood Florida Industries (hereinafter "Vendor"). The City and Vendor together shall be referred to as the "parties."

WHEREAS, City desires to purchase from Vendor the goods or services described in this Agreement.

WHEREAS, Vendor is in the business of providing the goods or services described herein, and has submitted an appropriate proposal to the City to provide the same.

WHEREAS, this Agreement has been properly approved by the appropriate authority of the City and the Vendor.

NOW, THEREFORE, upon the mutual covenants contained herein, and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties hereto hereby agree to the following:

1. The foregoing recitals are true and correct, and incorporated herein by reference.
2. Public Records, Chapter 119, Florida Statutes. Vendor shall abide by the legal requirements referenced above and in Exhibit A. **IF THE VENDOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE VENDORS' DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (City Clerk, City of St. Pete Beach, Florida, 727-363-9220, cityclerk@stpetebeach.org, 155 Corey Avenue, St. Pete Beach, Florida 33706).**
3. Employment Eligibility, the Vendor shall comply with all local, state and federal directives, orders and law as applicable to the contract. Beginning January 1, 2021, every public employer, contractor, and subcontractor shall register with and use the E-Verify system to verify the work authorization status of all newly hired employees. A public employer, contractor, or subcontractor may not enter into a contract unless each party to the contract registers with and uses the E-Verify system under 448.095, Fla. Stat.
 - a. Vendor agrees to comply with all applicable portions of Fla. Stat. 448.095. Vendor must use the U.S. Department of Homeland Security's E-Verify System, <https://e-verify.uscis.gov/emp> to verify the employment eligibility of all employees hired on or after January 1, 2021, during the term of this Agreement.
 - b. Subcontractors (i) Vendor shall also require all subcontractors performing work under this Agreement to use the E-Verify system for any employees they may hire during the term of

this Agreement; (ii) Subcontractors shall provide Vendor with an affidavit stating the subcontractor does not employ, contract with, or subcontract with an unauthorized alien, as defined by Fla. Stat. 448.095; (iii) Vendor shall provide a copy of such affidavit to the City upon receipt and shall maintain a copy for the duration of the Agreement.

c. Vendor must provide evidence of compliance with Fla. Stat. 448.095 by January 1, 2021. Evidence may consist of, but is not limited to, providing notices of Vendor's E-Verify number.

d. Failure to comply with this provision is a material breach of the Agreement, and the City may choose to terminate the Agreement at its sole discretion. Vendor may be liable for all costs associated with the City securing the same services, inclusive, but not limited to, higher costs for the same services and rebidding costs, if necessary. Any challenge to termination under this provision must be filed in the Circuit Court no later than 20 calendar days after the date of termination. If this agreement is terminated for a violation of the statute by the Vendor, the Vendor may not be awarded a public agreement for a period of one (1) year after date of termination.

4. City hereby agrees to purchase, and Vendor hereby agrees to sell or provide, the goods or services described in the proposal attached hereto and incorporated herein as Exhibit B.

5. Vendor shall deliver the goods, or provide the services, described herein no later than March 31, 2025 ("completion date").

6. Time is of the essence in the performance of this Agreement. City shall be entitled to liquidated damages in the amount of \$500 per day, for each day after the date set forth in paragraph 4 herein that Vendor has failed to properly and completely deliver all of the goods or provide all of the services specified herein. Vendor specifically acknowledges that the foregoing sum is reasonable and does not constitute a penalty.

7. Upon Vendor's satisfactory delivery of the goods, or full performance of the services, or in accordance with the payment schedule provided in the attached proposal, City shall pay Vendor as per the Unit Prices listed in the Bid Schedule, as full consideration for goods or services provided in this Agreement and more specifically in Exhibit B.

8. Vendor fully warrants the title to any and all goods provided hereunder, and agrees to defend the same against all claims whatsoever. At the time of delivery, Vendor shall furnish to the City a bill of sale absolute, with full warranties, or other evidence of title transfer satisfactory to the City, for the goods specified herein.

9. Vendor expressly warrants that all goods delivered hereunder are of merchantable quality and fit for the purpose for which the City has purchased the same. Vendor further warrants that any defects in the goods shall be properly repaired by Vendor for a period of 36 months from final delivery ("guarantee period"), including all parts and labor associated with said repairs.

10. City reserves the right to reject any defective goods, notwithstanding City's payment of the purchase price provided herein.

11. Vendor fully warrants that all services and/or goods provided herein have been provided in a good and workmanlike manner. Vendor guarantees said services for a period of 18 months from the

date of final performance. Vendor shall provide all labor and materials necessary to repair any defective workmanship reported to Vendor within said guarantee period.

12. This Agreement may be canceled by the City when:

- a. Sufficient funds are not available to continue its full and faithful performance to the Agreement.
- b. Sub-standard or non-performance of Agreement.
- c. The City wishes to terminate the Agreement at any time and for any reason, upon giving thirty (30) days prior written notice to the Vendor.

13. If funds for the requested services described herein are not appropriated via the annual budget adoption process, the City reserves the right to cancel the Agreement immediately upon written notice to the Vendor.

14. Vendor acknowledges that the City may enter into agreements with other consultants or may have its own employees complete the work for services similar to the services that are subject to this Agreement.

15. To the extent that this Agreement requires Vendor to provide any services of any kind, Vendor and all of Vendor's subcontractors shall maintain public liability insurance in a combined single limit for bodily injury and property damage in the amount of not less than \$1,000,000.00, satisfactory to the City Manager, naming the City as an additional insured and providing coverage up through and including the final performance of any services provided herein. Vendor and all of Vendor's subcontractors shall maintain in full force and effect a policy of worker's compensation insurance for all of Vendor's employees in accordance with applicable state and federal law. Said insurance coverage shall include employer's liability with a single limit of \$100,000.00 per accident or occurrence. Vendor shall present City with a certificate for all of the foregoing insurance, at the time of executing this Agreement and at such other times requested by the City. The Vendor waives all rights against the City, the City's consultants, separate contractors, if any, and any of its subcontractors, agents and employees, for any and all damages caused to the extent covered by insurance described herein and obtained pursuant to this Section or other property insurance applicable to the services and product provided under this Agreement. The City shall require of the Vendor, Vendor's consultants, separate contractors, if any, and the subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. The policies shall provide such waiver of subrogation by endorsement other otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged.

16. In consideration of the payment of ten dollars as part of the above purchase price, Vendor shall indemnify, defend and hold the City harmless for itself, its employees, agents and assigns, from and against any and all losses, claims, damages, suits, actions, or demands, including attorneys' fees and costs of litigation through all appellate proceedings, arising from the performance or non-performance of this Agreement, whether caused in part by the City or not.

17. This Agreement shall be binding upon the parties, their successors, assigns, and legal

representatives. Vendor shall not assign or otherwise transfer any of the rights or duties under this Agreement, without the express written consent of the City.

18. This document and exhibits embody the entire Agreement of the parties. There are no promises, terms, conditions, or representations binding on either party hereto, other than those contained herein; and this document shall supersede all previous communications, representations, and/or agreements between the parties hereto, whether written or oral. This Agreement may be modified only in writing executed by all parties. This Agreement shall be construed according to the laws of Florida, and venue for any action arising herefrom shall be in Pinellas County, Florida.

19. The following Exhibits shall be attached, incorporated and made a part of this Agreement:

- a. Florida public records law (Exhibit "A")
- b. Vendor's proposal (Exhibit "B")
- c. Sole Source Documentation

20. The prevailing party in any action to enforce or interpret this Agreement shall be entitled to reasonable attorney's fees incurred through all appellate proceedings.

21. Vendor hereby acknowledges that the person executing this Agreement on behalf of Vendor has the full authority to do so and to bind Vendor to the terms hereof.

22. Any and all notices sent pursuant to this Agreement shall be given in writing via certified mail or overnight courier and shall be delivered to the following addresses:

As to Vendor:

Heywood Florida Industries
Attn.: Jason Hopp
415 Country Club Drive
Winter Park, FL 32789

As to City:

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

23. To the extent that any terms in the attached proposal conflict with the terms of this Agreement, the terms of this Agreement shall control and supersede such conflicting terms in the attached proposal, to the extent of such conflict.

24. This Agreement may be amended or modified only in writing signed by all Parties hereto. This Agreement shall not be modified by any oral statement, communication, Agreement, course of conduct, or by anything other than a writing signed by the Parties.

25. This Agreement may be executed by the parties in counterpart originals with the same force and effect as if fully and simultaneously executed as a single original document. The "Effective Date" of this Agreement shall be the date this Agreement has been executed by all parties.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year set forth below.

Heywood Florida Industries

City of St. Pete Beach:

Signature: _____

Signature: _____

By: Greg Chomic

By: Wayne Saunders

Its: President

Its: City Manager

Date: _____

Date: _____

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:

ATTEST:

Andrew Dickman
City Attorney

Amber LaRowe
City Clerk

EXHIBIT “A”

Florida Public Records Law

119.0701 Contracts; public records; request for contractor records; civil action. —

(1) DEFINITIONS. —For purposes of this section, the term:

- (a) “Contractor” means an individual, partnership, corporation, or business entity that enters into a contract for services with a public agency and is acting on behalf of the public agency as provided under s. 119.011(2).
- (b) “Public agency” means a state, county, district, authority, or municipal officer, or department, division, board, bureau, commission, or other separate unit of government created or established by law.

(2) CONTRACT REQUIREMENTS. —In addition to other contract requirements provided by law, each public agency contract for services entered into or amended on or after July 1, 2016, must include:

- (a) The following statement, in substantially the following form, identifying the contact information of the public agency’s custodian of public records in at least 14-point boldfaced type:

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR’S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (telephone number, e-mail address, and mailing address).

- (b) A provision that requires the contractor to comply with public records laws, specifically to:

1. Keep and maintain public records required by the public agency to perform the service.
2. Upon request from the public agency’s custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency’s custodian of public records, in a format that is compatible with the information technology systems of the public agency.

EXHIBIT “B”

(Place Vendor’s Proposal behind this page)



"Serving the Southeast Since 1908"

415 Country Club Drive - Winter Park, FL 32789 - PH:407.628.1880

H2S Control Odor Control Systems

"Simple...Economical...Effective"



"Arrest Your Odors"

Date: 02/08/2024

Project: St. Pete Beach Lift Station #1 Rehabilitation

Contact: Brett Warner – (727) 363-9254

PROJECT LOCATION		St. Pete Beach Lift Station #1
Biotrickling Filter	HIBOCS MODEL#	One (1) HIBOCS-300
Carbon Polisher	HICARB MODEL#	One (1) HICARB-75
Warranty		Three (3) years on entire system Ten (10) years on media and media support system

Parameter Units Max / Avg Comments / Notes

Airflow	CFM	900	775	EBRT @ Average Air Flow (775 cfm) = 23 seconds
H2S Inlet	PPM	300	150	Short term high peaks will be treated at lower efficiencies
H2S Removal	%	98	99	24-hour average
Water Usage	GPD		~2,000	
Drain Water	pH		2-3	

1

System Components:

- One (1) 7'-0" diameter x 15'-6" tall (13.5' vessel, 2' exhaust stack) **HIBOCS-300** Bio-Scrubber constructed of a UV resistant fiberglass resin system in accordance with ASTM D3299, ASTM D4097, and PS15-69 as applicable. Vessel shall be constructed of a minimum of 3/8" thick fiberglass as described above. Vessel shall include a VVE-3025 mist eliminator which will remove 99% of droplets of 32 microns or larger. All Bio-Scrubber internals are non-fragile materials that are resistant to chemical attack of acids and alkalis. Spray header shall be designed for easy removal. Bio-Scrubber shall contain 300-cubic feet of HIHP-98 "high surface" synthetic media for microbial attachment.

HIBOCS-300 shall include the following:

8

PA-V v041921

- 8" dia. Inlet
- 8" dia. Outlet
- Internal Media Support
- Removable Spray Nozzle
- 18" Top Access Door
- 10" Side Access Hatch for Spray Header
- Drilled Base
- Lifting Lugs – 5 SST
- Hold Down Lugs – 8 SST
- Room for 8' (300-ft³) of HIHP-98 media
- Mist Eliminator with 12" Packing
- FRP Ductwork from HIBOCS to HICARB (Supports by Contractor)

- One (1) 5'-0" diameter x 9'-0" tall (7' vessel, 2' exhaust stack) **HICARB-75** Carbon Polisher constructed of a UV resistant fiberglass resin system. Vessel shall be constructed of a minimum 3/8" thick fiberglass as described above. Carbon Polisher shall contain 75-cubic feet of High H2S Capacity (0.20) granular carbon media for startup.

HICARB-75 shall include the following:

- 8" dia. Inlet
- 8" dia. Outlet w/ 24" Stack
- Internal Media Support
- 18" Top Access Door
- (3) ½" Air Sampling Ports
- Drilled base
- (2) 1/2" Couplings for Magnehelic Gauge Hook-up
- Lifting Lugs – 4 SST
- Hold Down Lugs – 8 SST
- Room for 4' (75-ft³) of Carbon media
- 75-cubic feet of High H2S Capacity (0.20) granular carbon media

- One (1) 900-cfm@ 6" wc 12" cast aluminum blower with 2-hp stainless steel washdown/inverter duty motor

2

- One (1) – HIBOCS-CS20 control skid for biological odor control system. The HIBOCS-CS20 is a completely assembled skid for the operation of the HIBOCS biological odor control system. The skid shall include a Power Distribution Panel in a NEMA 4X SST enclosure, a blower VFD with integral disconnect switch in a NEMA 4X enclosure, a HIBOCS-WCP20 Water/Nutrient Feed Panel with pressure reducing valve, flow adjustment valve and rotameter, motor actuated water control valve, 30-GPD nutrient feed pump all within a NEMA 3R FRP enclosure a Timer Control Panel with 3-timers to control the water and nutrient feed in NEMA 4X FRP enclosure, and a 110V transformer. All the items listed above to be mounted on an HDPE skid, prewired and plumbed ready for connection to owner utilities.

Also Included:

- Operation and Maintenance Manual
- Delivery to site or contractor
- Four (4) trips (8 days total) for installation assistance, start-up, and post start-up inspection and testing
- Weekly site visits for first two months of operation for performance optimization
- Quarterly visits during the first year to insure proper operation and H2S performance testing
- Emergency 24 hour call back response and 5 business days for on-site visit if needed during first year at NO COST to customer

Contractors Responsibilities:

- Concrete foundation slab
- Anchor bolts
- PVC duct and duct supports between blower and HIBOCS vessel and between HIBOCS vessel and HICARB vessel
- Provision and connection of drain, power, and irrigation water supply
- Offloading of the components and storage
- Placement, assembly, and connecting of the system components
- Installation and assembly of water lines
- Applicable Taxes

- Any other equipment and/or services not specifically described above

Exceptions To Specification:

- PVC air duct and duct supports between the Lift Station and the HIBOCS-300.
- PVC air duct and duct supports between the HIBOCS-300 and HICARB-75.

Total Price: \$ 186,000.00

The price is valid for 60 days.

Delivery: 2-3 weeks for submittals, 12-16 weeks for delivery of equipment following submittal approval

3

PROCESS DESCRIPTION

HIBOCS biological odor control systems utilize a synthetic media to provide an optimal site for growth of microorganisms (aka: biomass). This media has a high surface/high void area for optimal treatment in a small footprint. Microorganisms that attach to the media are capable of removing H₂S and other odorous VOC's when they are contacted by these compounds in the odorous air stream. A blower sends the odorous air from the odor source to the media at the bottom of the vessel where the air passes upward through the vessel and media. As the air travels upward it comes in contact with the biomass growing on the media. The media is supplied with water and nutrients via a recycle pump which keeps the biological population healthy. The **HIBOCS** biological odor control systems counter-current flow of air and water/nutrients enhances the mass transfer to the media where the biological sulfur reduction takes place degrading the odorous compounds to sulfuric acid and other soluble sulfates which are removed in the drain water.

ADVANTAGES OF A **HIBOCS** SYSTEM

The **HIBOCS** biological odor control systems offer the following advantages:

- Minimum energy consumption due to low pressure loss through system
- Small footprint
- No use of dangerous and expensive chemicals such as caustic soda and bleach
- Simple process that requires minimal maintenance and operator attention
- Simple control system with no PLC's or pH meters requiring constant calibration
- All control panel components are "off the shelf" and can be locally obtained
- Non-proprietary, low cost nutrients that can be locally obtained
- Green technology with no harmful residuals
- Media that does not require replacement or disposal
- Proven technology
- Local, knowledgeable reps for on-site technical help when needed

Warranties:

Equipment: All equipment supplied by Heyward Florida Incorporated is warranted against defects in material and workmanship for a period of **36 months after date of start-up**. In the event it is determined that a defect exists in such equipment, Heyward Florida Incorporated's sole obligation shall be to repair or replace the defective equipment. This is extended to the peripheral items such blowers, pumps, and control panels.

Biological Media: Heyward Florida Incorporated warrants the media support system along with the synthetic media against defects in material and workmanship for a period of ten (10) years from equipment delivery. In the event it is determined that a defect exists in the media, Heyward Florida Incorporated's sole obligation shall be to provide replacement media.

Should you have any questions concerning our offering, or if we may be of any further service, please do not hesitate to contact me at 863-701-3082.

Kindest regards,

Jason Hopp



4



Terms & Conditions:

1. Purchase Orders

All purchase orders shall be addressed to Heyward Florida Incorporated, Winter Park, Florida and shall be subject to acceptance by Heyward Florida Incorporated.

2. Exceptions

Sale of equipment and services identified on the face of this quotation will be solely upon the terms and conditions set forth herein. These terms and conditions supersede and reject any conflicting terms and conditions of the purchaser, any statement in the purchaser's terms and conditions to the contrary notwithstanding. Exceptions to any of our terms and conditions must be contained in a written or typed (not printed) statement received from you. We shall not be deemed to have waived any of our terms and conditions or to have assented to any modification or alteration of such terms and conditions unless such waiver or assent is in writing and signed by an authorized officer of Heyward Florida Incorporated.

3. Credit

All purchase orders received are subject to credit approval of Heyward Florida Incorporated. We reserve the right to suspend or delay shipments of material covered by your purchase order if, in our opinion, there is sufficient reason to suspect potential payment default. In such a case, in addition to any other remedies herein or by law provided, cash payment of satisfactory security from you may be required by us before shipment of material is made. Acceptance by us of less than full payment shall not be a waiver of any of our rights.

4. Shipment

All shipments will be made F.O.B. shipping point unless otherwise specified in this quotation. In the absence of specific instructions, Heyward Florida Incorporated will select the carrier. Title to and risk of loss for the material shall pass to the purchaser upon delivery to the carrier or delivery service. Material held for the purchaser or stored for the purchaser shall be at the risk and expense of the purchaser.

5. Seller's Liability

Seller shall not be liable for any loss, damage, cost of repair, incidental or consequential damage of any kind, whether based upon warranty, contract or negligence, and arising in connection with the sale, use or repair of the products. Seller's maximum liability shall not in any case exceed the contract price for the products claimed to be defective or unsuitable.

6. Returned Goods

Heyward Florida Incorporated will not accept products for return unless prior written permission of Heyward Florida Incorporated has been obtained.

7. Backcharges

Under no circumstances will Heyward Florida Incorporated accept any backcharge from the contractor or owner unless Heyward Florida Incorporated participated in and agreed to, in writing, with the decisions which resulted in the backcharge.

8. Errors

Heyward Florida Incorporated reserves the right to correct clerical or stenographic errors or omissions.

9. Field Service

Whenever a Field Service Representative is provided by Heyward Florida Incorporated, the representative shall act only in an advisory capacity. He will interpret the Company's drawings, advise the purchaser regarding the sequence of steps in erection, installation, inspection, start-up, dismantling or repairs and explain features and components of the Company's products and their function. He will offer constructive criticism of work conditions, methods, and procedures at the job site. He will not be required to superintend or supervise personnel supplied by the purchaser or train them in their respective crafts in connection with the performance of their work. If, however, at the request of the purchaser and if Heyward Florida Incorporated agrees that the representative will act in another capacity, he shall do so in accordance with normal standards of the industry for that type of work. Whenever Heyward Florida Incorporated is involved in rehabilitative work for a customer, there is no warranty extended that repair or rehabilitative work performed will be successful. All risk in such cases shall be with the purchaser and decisions with respect to repair or replacement of the purchaser's equipment or parts thereof, shall remain solely with the purchaser. Neither Heyward Florida Incorporated nor the representative shall be responsible for any acts, omissions, or workmanship of employees, contractors, subcontractors, or agents of the purchaser or for their failure to follow the advice or instructions of the representative.

10. Purchaser's Responsibility

Purchaser shall furnish at his own expense and responsibility, all cranes, rigging, tools, facilities and equipment, material and repair or replacement parts, together with sufficient skilled and common labor and foreman, supervisors, and interpreters for the efficient performance of all work. He shall further designate a person in his organization to represent him fully at the site in all contacts and dealings with the representative. The purchaser's representative shall be responsible for coordinating the work and shall be in charge of the labor, material, supplies, tools and facilities to be furnished by the purchaser. Purchaser's representative shall inspect and shall be authorized to accept all details of the work as they are completed.

11. Entire Agreement

Terms and provisions contained in this proposal shall constitute the entire agreement between Heyward Florida Incorporated and the person of organization to whom this proposal is directed

EXHIBIT “C”

Place Sole Source Documents Behind this page



NOTICE OF INTENT TO PURCHASE SOLE SOURCE COMMODITIES AND/OR SERVICES

DATE/TIME OF INITIAL POSTING	DATE/TIME POSTING REMOVED
March 05, 2024	March 14, 2024

The products and/or services listed below or on the attached page(s) are believed to be unique or proprietary in nature and therefore only available from one source. If you believe that you have a "like" product or service to offer, please submit your complete cost proposal including descriptive literature and detailed specifications by email to the Contact listed below. If you prefer, you may mail your proposal to:

Office of the City Clerk City of St. Pete Beach 155 Corey Avenue St. Pete Beach, FL 33706 Contact information John Taylor jtaylor@stpetebeach.org

This notice was posted September 25, 2023. All proposals must be received by the Procurement Manager by no later than 4:00 PM October 03, 2023. Proposals received after this deadline will not be considered.

Thank you for your interest in St. Pete Beach.



09/25/2023

RE: Description of Intended/Sole Source Purchase

To Whom it May Concern:

The City of St. Pete Beach intends to purchase Materials from Heyward Florida Incorporated (FED ID#59-3548065) the owner, manufacturer, sole supplier, inventor and patent holder for

the **HIVENT®**, **HIBOCS**, **HICARB**, and **HIVON** odor control equipment, parts, services, **HIBLEND** nutrients used in our **HIBOCS** biological odor control systems, and **HISCENT** odor neutralizer used in our **HIVENT®** and **HIVON** equipment. This is for Pump Station #1 Odor Control System.. If you believe you have a “like” service, please contact Procurement Manager, John Taylor at the email below.

Sincerely,

John Taylor
Procurement Manager
St. Pete Beach Florida
jtaylor@stpetebeach.org

PROJECT LOCATION		St. Pete Beach Lift Station #1
Biotrickling Filter	<i>HIBOCS</i> MODEL#	One (1) HIBOCS-300
Carbon Polisher	<i>HICARB</i> MODEL#	One (1) HICARB-75
<i>Warranty</i>		Three (3) years on entire system Ten (10) years on media and media support system

Parameter	Units	Max	Avg	Comments / Notes
Airflow	CFM	900	775	EBRT @ Average Air Flow (775 cfm) = 23 seconds
H2S Inlet	PPM	300	150	Short term high peaks will be treated at lower efficiencies
H2S Removal	%	98	99	24-hour average
Water Usage	GPD		~2,000	
Drain Water	pH		2-3	

1

System Components:

- One (1) 7’-0” diameter x 15’-6” tall (13.5’ vessel, 2’ exhaust stack) **HIBOCS-300** Bio-Scrubber constructed of a UV resistant fiberglass resin system in accordance with ASTM D3299, ASTM D4097, and PS15-69 as

applicable. Vessel shall be constructed of a minimum of 3/8" thick fiberglass as described above. Vessel shall include a VVE-3025 mist eliminator which will remove 99% of droplets of 32 microns or larger. All Bio-Scrubber internals are non-fragile materials that are resistant to chemical attack of acids and alkalis. Spray header shall be designed for easy removal. Bio-Scrubber shall contain 300-cubic feet of HIHP-98 "high surface" synthetic media for microbial attachment.

HIBOCS-300 shall include the following:

- 8" dia. Inlet
 - 8" dia. Outlet
 - Internal Media Support
 - Removable Spray Nozzle
 - 18" Top Access Door
 - 10" Side Access Hatch for Spray Header
 - Drilled Base
 - Lifting Lugs – 5 SST
 - Hold Down Lugs – 8 SST
 - Room for 8' (300-ft³) of HIHP-98 media
 - Mist Eliminator with 12" Packing
 - FRP Ductwork from HIBOCS to HICARB (Supports by Contractor)
- One (1) 5'-0" diameter x 9'-0" tall (7' vessel, 2' exhaust stack) ***HICARB-75*** Carbon Polisher constructed of a UV resistant fiberglass resin system. Vessel shall be constructed of a minimum 3/8" thick fiberglass as described above. Carbon Polisher shall contain 75-cubic feet of High H₂S Capacity (0.20) granular carbon media for startup.

HICARB-75 shall include the following:

- 8" dia. Inlet
 - 8" dia. Outlet w/ 24" Stack
 - Internal Media Support
 - 18" Top Access Door
 - (3) ½" Air Sampling Ports
 - Drilled base
 - (2) 1/2" Couplings for Magnehelic Gauge Hook-up
 - Lifting Lugs – 4 SST
 - Hold Down Lugs – 8 SST
 - Room for 4' (75-ft³) of Carbon media
 - 75-cubic feet of High H₂S Capacity (0.20) granular carbon media
- One (1) 900-cfm@ 6" wc 12" cast aluminum blower with 2-hp stainless steel washdown/inverter duty motor

- One (1) – HIBOCS-CS20 control skid for biological odor control system. The HIBOCS-CS20 is a completely assembled skid for the operation of the HIBOCS biological odor control system. The skid shall include a Power Distribution Panel in a NEMA 4X SST enclosure, a blower VFD with integral disconnect switch in a NEMA 4X enclosure, a HIBOCS-WCP20 Water/Nutrient Feed Panel with pressure reducing valve, flow adjustment valve and rotameter, motor actuated water control valve, 30-GPD nutrient feed pump all within a NEMA 3R FRP enclosure a Timer Control Panel with 3-timers to control the water and nutrient feed in NEMA 4X FRP enclosure, and a 110V transformer. All the items listed above to be mounted on an HDPE skid, prewired and plumbed ready for connection to owner utilities.

Also Included:

- Operation and Maintenance Manual
- Delivery to site or contractor
- Four (4) trips (8 days total) for installation assistance, start-up, and post start-up inspection and testing
- Weekly site visits for first two months of operation for performance optimization
- Quarterly visits during the first year to insure proper operation and H2S performance testing
- Emergency 24 hour call back response and 5 business days for on-site visit if needed during first year at NO COST to customer

Contractors Responsibilities:

- Concrete foundation slab
- Anchor bolts
- PVC duct and duct supports between blower and HIBOCS vessel and between HIBOCS vessel and HICARB vessel
- Provision and connection of drain, power, and irrigation water supply
- Offloading of the components and storage
- Placement, assembly, and connecting of the system components
- Installation and assembly of water lines
- Applicable Taxes
- Any other equipment and/or services not specifically described above

Exceptions To Specification:

- PVC air duct and duct supports between the Lift Station and the HIBOCS-300.
- PVC air duct and duct supports between the HIBOCS-300 and HICARB-75.



“Serving the Southeast Since 1908”
415 Country Club Drive - Winter Park, FL 32789 - PH: 407-628-1880 e-mail: rodneyL@heywardFL.com

DATE: February 8, 2024

CUSTOMER: City of St. Pete Beach Utilities

To whom it may concern,

Heyward Florida Incorporated (FED ID#59-3548065) is the owner, manufacturer, sole supplier, inventor and patent holder for the **HIVENT®**, **HIBOCS**, **HICARB**, and **HIVON** odor control equipment, parts, services, **HIBLEND** nutrients used in our **HIBOCS** biological odor control systems, and **HISCENT** odor neutralizer used in our **HIVENT®** and **HIVON** equipment.

Should you have any further questions, please do not hesitate to contact us at (407) 948-0332. Kind regards,

Gregory J. Chomic, President Heyward Florida Incorporated

HIBOCS / HICARB / HIVON / HIVENT®



ODOR CONTROL SYSTEMS

“ARREST YOUR ODORS”

Contact: 407-628-1880 or visit H2SCONTROL.COM



"Serving the Southeast Since 1908"

415 Country Club Drive - Winter Park, FL 32789 - PH:407.628.1880

H₂S Control
Odor Control Systems

"Simple...Economical...Effective"



"Arrest Your Odors"

Date: 02/08/2024

Project: St. Pete Beach Lift Station #1 Rehabilitation

Contact: Brett Warner – (727) 363-9254

PROJECT LOCATION		St. Pete Beach Lift Station #1
Biotrickling Filter	<i>HIBOCS</i> MODEL#	One (1) HIBOCS-300
Carbon Polisher	<i>HICARB</i> MODEL#	One (1) HICARB-75
<i>Warranty</i>		Three (3) years on entire system Ten (10) years on media and media support system

Parameter	Units	Max / Avg		Comments / Notes
Airflow	CFM	900	775	EBRT @ Average Air Flow (775 cfm) = 23 seconds
H ₂ S Inlet	PPM	300	150	Short term high peaks will be treated at lower efficiencies
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Water Usage	GPD		~2,000	
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HIBOCS-300 shall include the following:

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 - Mist Eliminator with 12" Packing
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HICARB-75 shall include the following:

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 - 8" dia. Outlet w/ 24" Stack
 - Internal Media Support
 - 18" Top Access Door
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 - Drilled base
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 - Room for 4' (75-ft³) of Carbon media
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Contractors Responsibilities:

- Concrete foundation slab
- Anchor bolts
- PVC duct and duct supports between blower and HIBOCS vessel and between HIBOCS vessel and HICARB vessel
- Provision and connection of drain, power, and irrigation water supply
- Offloading of the components and storage
- Placement, assembly, and connecting of the system components
- Installation and assembly of water lines
- Applicable Taxes
- Any other equipment and/or services not specifically described above

Exceptions To Specification:

- PVC air duct and duct supports between the Lift Station and the HIBOCS-300.
- PVC air duct and duct supports between the HIBOCS-300 and HICARB-75.

Total Price: \$ 186,000.00

The price is valid for 60 days.

Delivery: 2-3 weeks for submittals, 12-16 weeks for delivery of equipment following submittal approval

PROCESS DESCRIPTION

HIBOCS biological odor control systems utilize a synthetic media to provide an optimal site for growth of microorganisms (aka: biomass). This media has a high surface/high void area for optimal treatment in a small footprint. Microorganisms that attach to the media are capable of removing H₂S and other odorous VOC's when they are contacted by these compounds in the odorous air stream. A blower sends the odorous air from the odor source to the media at the bottom of the vessel where the air passes upward through the vessel and media. As the air travels upward it comes in contact with the biomass growing on the media. The media is supplied with water and nutrients via a recycle pump which keeps the biological population healthy. The **HIBOCS** biological odor control systems counter-current flow of air and water/nutrients enhances the mass transfer to the media where the biological sulfur reduction takes place degrading the odorous compounds to sulfuric acid and other soluble sulfates which are removed in the drain water.

ADVANTAGES OF A HIBOCS SYSTEM

The **HIBOCS** biological odor control systems offer the following advantages:

- Minimum energy consumption due to low pressure loss through system
- Small footprint
- No use of dangerous and expensive chemicals such as caustic soda and bleach
- Simple process that requires minimal maintenance and operator attention
- Simple control system with no PLC's or pH meters requiring constant calibration
- All control panel components are "off the shelf" and can be locally obtained
- Non-proprietary, low cost nutrients that can be locally obtained
- Green technology with no harmful residuals
- Media that does not require replacement or disposal
- Proven technology
- Local, knowledgeable reps for on-site technical help when needed

Warranties:

Equipment: All equipment supplied by Heyward Florida Incorporated is warranted against defects in material and workmanship for a period of **36 months after date of start-up**. In the event it is determined that a defect exists in such equipment, Heyward Florida Incorporated's sole obligation shall be to repair or replace the defective equipment. This is extended to the peripheral items such as blowers, pumps, and control panels.

Biological Media: Heyward Florida Incorporated warrants the media support system along with the synthetic media against defects in material and workmanship for a period of ten (10) years from equipment delivery. In the event it is determined that a defect exists in the media, Heyward Florida Incorporated's sole obligation shall be to provide replacement media.

Should you have any questions concerning our offering, or if we may be of any further service, please do not hesitate to contact me at 863-701-3082.

Kindest regards,

Jason Hopp





Terms & Conditions:

1. Purchase Orders

All purchase orders shall be addressed to Heyward Florida Incorporated, Winter Park, Florida and shall be subject to acceptance by Heyward Florida Incorporated.

2. Exceptions

Sale of equipment and services identified on the face of this quotation will be solely upon the terms and conditions set forth herein. These terms and conditions supersede and reject any conflicting terms and conditions of the purchaser, any statement in the purchaser's terms and conditions to the contrary notwithstanding. Exceptions to any of our terms and conditions must be contained in a written or typed (not printed) statement received from you. We shall not be deemed to have waived any of our terms and conditions or to have assented to any modification or alteration of such terms and conditions unless such waiver or assent is in writing and signed by an authorized officer of Heyward Florida Incorporated.

3. Credit

All purchase orders received are subject to credit approval of Heyward Florida Incorporated. We reserve the right to suspend or delay shipments of material covered by your purchase order if, in our opinion, there is sufficient reason to suspect potential payment default. In such a case, in addition to any other remedies herein or by law provided, cash payment of satisfactory security from you may be required by us before shipment of material is made. Acceptance by us of less than full payment shall not be a waiver of any of our rights.

4. Shipment

All shipments will be made F.O.B. shipping point unless otherwise specified in this quotation. In the absence of specific instructions, Heyward Florida Incorporated will select the carrier. Title to and risk of loss for the material shall pass to the purchaser upon delivery to the carrier or delivery service. Material held for the purchaser or stored for the purchaser shall be at the risk and expense of the purchaser.

5. Seller's Liability

Seller shall not be liable for any loss, damage, cost of repair, incidental or consequential damage of any kind, whether based upon warranty, contract or negligence, and arising in connection with the sale, use or repair of the products. Seller's maximum liability shall not in any case exceed the contract price for the products claimed to be defective or unsuitable.

6. Returned Goods

Heyward Florida Incorporated will not accept products for return unless prior written permission of Heyward Florida Incorporated has been obtained.

7. Backcharges

Under no circumstances will Heyward Florida Incorporated accept any backcharge from the contractor or owner unless Heyward Florida Incorporated participated in and agreed to, in writing, with the decisions which resulted in the backcharge.

8. Errors

Heyward Florida Incorporated reserves the right to correct clerical or stenographic errors or omissions.

9. Field Service

Whenever a Field Service Representative is provided by Heyward Florida Incorporated, the representative shall act only in an advisory capacity. He will interpret the Company's drawings, advise the purchaser regarding the sequence of steps in erection, installation, inspection, start-up, dismantling or repairs and explain features and components of the Company's products and their function. He will offer constructive criticism of work conditions, methods, and procedures at the job site. He will not be required to superintend or supervise personnel supplied by the purchaser or train them in their respective crafts in connection with the performance of their work. If, however, at the request of the purchaser and if Heyward Florida Incorporated agrees that the representative will act in another capacity, he shall do so in accordance with normal standards of the industry for that type of work. Whenever Heyward Florida Incorporated is involved in rehabilitative work for a customer, there is no warranty extended that repair or rehabilitative work performed will be successful. All risk in such cases shall be with the purchaser and decisions with respect to repair or replacement of the purchaser's equipment or parts thereof, shall remain solely with the purchaser. Neither Heyward Florida Incorporated nor the representative shall be responsible for any acts, omissions, or workmanship of employees, contractors, subcontractors, or agents of the purchaser or for their failure to follow the advice or instructions of the representative.

10. Purchaser's Responsibility

Purchaser shall furnish at his own expense and responsibility, all cranes, rigging, tools, facilities and equipment, material and repair or replacement parts, together with sufficient skilled and common labor and foreman, supervisors, and interpreters for the efficient performance of all work. He shall further designate a person in his organization to represent him fully at the site in all contacts and dealings with the representative. The purchaser's representative shall be responsible for coordinating the work and shall be in charge of the labor, material, supplies, tools and facilities to be furnished by the purchaser. Purchaser's representative shall inspect and shall be authorized to accept all details of the work as they are completed.

11. Entire Agreement

Terms and provisions contained in this proposal shall constitute the entire agreement between Heyward Florida Incorporated and the person or organization to whom this proposal is directed

**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Action Request: Move to authorize the renewal of a Field Use Agreement with Southwest Little League.

Strategic Objective: Community Partnerships

Date: June 11, 2024

Prepared By: Jennifer McMahon, Chief Operating Officer

Through: Wayne Saunders, Interim City Manager

Summary of Issue: Currently, the City and Southwest Little League have a field use agreement with an expiration of August 31, 2024. The current agreement term states “The City, in its sole discretion, may renew this agreement upon the League’s written request”. This agreement would be a 5-year agreement for use of Egan and Hurley Park Fields and would expire on August 31, 2029.

Funding: N/A

Attachments: 1. Little League August 2024

AGREEMENT (Little League)

This is an Agreement ("Agreement"), by and between the City of St. Pete Beach, a Municipal Corporation with its principal place of business located at 155 Corey Avenue, St. Pete Beach, Florida, 33706 (hereinafter, "the City"), and the The League, a Florida Corporation, with its principal place of business located at 253 Corey Ave, St. Pete Beach, FL. 33706 (hereinafter, "the League"). Collectively the League and the City shall be referred to as the ("Parties").

WHEREAS, the League desires to use certain baseball field facilities located on City owned property, more specifically described herein; and

WHEREAS, the City agrees to allow the League to use said facilities; and

WHEREAS, it is desirable that the respective duties and responsibilities of the respective Parties be set forth in a written agreement; and,

WHEREAS, the Parties hereto agree that the services rendered by the League on City owned property are for the good and betterment of the community and in the best interest of the public.

NOW THEREFORE, upon the mutual covenants contained herein, and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the Parties hereto hereby agree to the following:

1. Recitals. The foregoing recitals are true and correct, and incorporated herein by reference.
2. Facilities. The City agrees to allow the League to use the following baseball field facilities: located at:
 - a. Egan Park, 9101 Blind Pass Road, St. Pete Beach, FL 33706
 - b. Hurley Park, 1500 Pass-a-Grille Way, St. Pete Beach FL, 33706
3. Term. This Five-Year Agreement shall be in effect from *September 1, 2024 through August 31, 2029*. The City may cancel this Agreement at will, without cause, and in its sole discretion upon fifteen (15) days written notice to the League. The City, in its sole discretion, may renew this Agreement upon the League's written request, which shall be provided to the City no less than ninety (90) days prior to renewal.
4. League Documentation. The League agrees to provide the following documentation to the City each year:
 - a. Current by-laws for organization
 - b. List of current officers and board members with addresses
 - c. Copy of insurance with City of St. Pete Beach listed as additional insured
 - d. Schedule for each season (fall and spring)
 - e. Background Checks on all volunteers and coaches

The City will analyze the information gathered from the Criminal History Background Check. If an applicant is found to have been convicted of any of the following offenses, he or she shall not be allowed to work with children.

- *Sex Offenses and Misconduct*
- *Violent Felonies*
- *Felonies (other than sex or violence related) within the past 10 years*
- *Any child abuse or domestic violence convictions*
- *Misdemeanors within the past seven years*

5. Indemnification. The League agrees to assume liability for and indemnify, hold harmless, and defend the City, its commissioners, mayor, officers, employees, agents, and attorneys of, from, and against all liability and expense, including attorney's fees, in connection with any and all claims, demands, damages, actions, causes of action, and suits in equity of whatever kind or nature, including claims for personal injury, property damage, equitable relief, or loss of use, arising out of the execution, performance, nonperformance, or enforcement of this Agreement whether or not due to or caused by the negligence of the City, its commissioners, mayor, officers, employees, agents, and attorneys excluding only the sole negligence of the City, its commissioners, mayor, officers, employees, agents and attorneys. The League's liability hereunder shall include all attorney fees and costs incurred by the City in the enforcement of this indemnification provision. This includes claims made by the employees of the League against the City and the League hereby waives its entitlement, if any, to immunity under Section 440.11, Florida Statutes.
6. Sovereign Immunity. The obligations contained in this provision shall survive termination of this Agreement and shall not be limited by the amount of any insurance required to be obtained or maintained under this Agreement. Nothing contained in the foregoing indemnification shall be construed as a waiver of any immunity or limitation of liability the City may have under the doctrine of sovereign immunity or Section 768.28, Florida Statutes. Subject to the limitations set forth in this Section, the League shall assume control of the defense of any claim asserted by a third party against the City and, in connection of such defense, shall appoint lead counsel, in each case at the League's expense. The City shall have the right, at its option, to participate in the defense of any third party claim, without relieving the League of any of its obligations hereunder. If the League assumes control of the defense of any third party claim in accordance with this paragraph, the League shall obtain the prior written consent of the City before entering into any settlement of such claim. Notwithstanding anything to the contrary in this Section, the League shall not assume or maintain control of the defense of any third party claim, but shall pay the fees of counsel retained by the City and all expenses, including experts' fees, if (i) an adverse determination with respect to the third party claim would, in the good faith judgment of the City, be detrimental in any material respect to the City's reputation; (ii) the third party claim seeks an injunction or equitable relief against the City; or (iii) the League has failed or is failing to prosecute or defend vigorously the third party claim. Each party shall cooperate, and cause its agents to cooperate, in the defense

or prosecution of any third party claim and shall furnish or cause to be furnished such records and information, and attend such conferences, discovery proceedings, hearings, trials, or appeals, as may be reasonably requested in connection therewith.

7. City Responsibilities. The City agrees to:

- a. Maintain the playing fields and lights in accordance with the standards deemed appropriate by the City in its sole discretion.
- b. Assume authority in determining if play should be allowed in certain situations, i.e., poor field conditions, severe weather, etc.
- c. Provide and maintain trash cans on a daily basis.
- d. Maintain exterior buildings, rest rooms, bleachers and facilities including all repairs.

8. League Responsibilities. The League agrees that during its season it will:

- a. Maintain the grounds outside of the playing area free of paper and debris accruing from the operation of any concession stand and league activities. Empty all trash containers associated with the concession stand.
- b. Turn off field lights by 10:00pm nightly. In the event that ball field lights are left on and staff is contacted to go and turn off lights, the League shall be billed for the overtime of that staff person with a two (2) hour minimum call back.
- c. Maintain and repair concession facilities, meeting and storage spaces in accordance with specifications established by the State Sanitation Code and the Pinellas County Health Department. Keep current all required licenses and permits.
- d. Submit field rental fees of \$800 (fall ball) by October 1 and \$1,200 (spring ball) by March 1 each year.
- f. The League will provide general maintenance to the batting cage area located at Egan Park on a regular basis. Failure to maintain batting cage may result in removal of cage.
- g. Line all fields (provide dust, paint, and trash liners), supply and maintain all bases, anchors and field equipment.

- h. Abide by the decision of the Parks Supervisor or City Designated Staff as to playability of the field. In the event the City Staff is not available, the League President or the League President's designee, shall assume responsibility for making the decision. If damage to the field shall result from the use of the field following the League President's or the League President's designee decision, the League shall be financially responsible for the repair of the field.
 - i. Refrain from adding any materials to the playing field without the consent of the City Designated Staff
 - j. Obtain the written prior approval of the City before physical improvements or additions are made to the facility. This includes signage on fencing.
 - k. Obtain prior approval, (a minimum of 14 days prior to event) from the City Designated Staff for the use of said facilities for any tournaments and clinics to be held by the League.
 - l. The League will assume all responsibility to monitor storm conditions and evacuate playing fields of participants and spectators when the threat of lightning approaches.
 - m. Maintain control of coaches, referees, participants and spectators.
 - n. Report damaged City facility, equipment and/or vandalism within 24 hours to City Designated Staff.
 - o. The league will make every effort to continue to promote this program to the St. Pete Beach community.
 - p. The league will provide an accurate schedule of St. Pete Beach field usage at least seven (7) days prior to scheduling tryouts, practices or games.
9. Maintenance and Use. The League is hereby authorized and instructed to make, keep and maintain reasonable rules and regulations regarding the use of the facility by members of the League . While the City expects ordinary wear and tear, the League agrees to keep the said premises and the building in a sanitary and clean condition. The League also agrees to enforce City park rules posted at each facility.
10. Insurance. The League at its expense shall keep in force during the term of this Agreement, insurance from an insurance company licensed in the State of Florida. The required insurance shall be evidenced by a certificate of insurance which must be submitted to, and approved by, the City prior to the effective date of this Agreement. The City of St. Pete Beach shall be named as an additional insured under the policy, and the City shall be provided with a 30 day notice in the event of cancellation, non-renewal or adverse change to the policy. The League shall provide, on forms no more restrictive than the latest edition of those filed by the Insurance Services Office, Comprehensive General Liability Insurance with a minimum limit of **\$1,000,000** per occurrence combined single limit **and aggregate of \$2,000,000.**

11. Cancellation. The League's failure to comply with the following requirements shall subject this Agreement to immediate cancellation by the City.
- a. This Agreement is specifically conditioned upon the League continuing to run its program in accordance with International Little League Standards in such a manner that the League's activities are open to all eligible youth who wish to participate, regardless of ability, sex or race. In the event that the League changes this policy, this Agreement shall be subject to being canceled immediately.
12. Assignment. This Agreement may not be assigned or transferred in any manner by the League without the written consent of the City. This Agreement shall be binding upon the parties hereto, their successors and assigns.
13. Legal Construction. Any previously existing oral or written agreements between the parties shall be terminated as of the date of this Agreement and shall be deemed to be hereinafter null and void and of no further force and effect whatsoever. This Agreement constitutes the entire agreement between the parties hereto; it may only be modified or amended in writing signed by all parties.
14. Venue. This Agreement shall be construed under the laws of the State of Florida, and venue for any actions arising out of this Agreement shall lie in Pinellas County, Florida.
15. Conflicts. If any provision hereof, excluding paragraph 3, is in conflict with any applicable statute or rule, or is otherwise unenforceable, then such provision, excluding paragraph 3, shall be deemed null and void to the extent of such conflict, and shall be deemed severable, but shall not invalidate any other provision of this Agreement. If paragraph 3 is deemed unenforceable, then this Agreement shall terminate immediately.
16. Notice. Any and all notices sent pursuant to this Agreement shall be given in writing via certified mail or overnight courier and shall be delivered to the following addresses:

As to League:

The League
Attn: Brandon Owens
253 Corey Ave
St. Pete Beach, FL 33706

As to City:

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

17. Public Records. The League shall abide by the legal requirements set forth in Florida Statutes, Section 119.0701 and incorporated herein as Exhibit "A". **IF THE LEAGUE HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE THE LEAGUE'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (City Clerk, City of St. Pete Beach, Florida, 727-363-9220, cityclerk@stpetebeach.org, 155 Corey Avenue, St. Pete Beach, Florida 33706).**

18. Force Majeure. Neither party shall be considered in default in performance of its obligations hereunder to the extent that performance of such obligations, or any of them, is delayed or prevented by Force Majeure. Force Majeure shall include, but not be limited to, hostility revolution, civil commotion, strike, epidemic, fire, flood, wind, earthquake, explosion, any law, proclamation, regulation or ordinance or other act of government, or any act of God or any cause whether of the same or different nature, existing or future; provided that the cause whether or not enumerated in this Section is beyond the control and without the fault or negligence of the party seeking relief under this Section.

19. Counterparts. This Agreement may be executed by the Parties in counterpart originals with the same force and effect as if fully and simultaneously executed as a single original document. The "Effective Date" of this Agreement shall be the date this Agreement has been executed by all Parties.

IN WITNESS WHEREOF, the undersigned executed this Contract by and through their authorized representatives whose names appear below.

The League

City of St. Pete Beach:

By: _____

By: _____

Brandon M. Owen
Title: President

Wayne Saunders
Title: City Manager

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

ATTEST:

Andrew Dickman
City Attorney

Amber LaRowe
City Clerk

EXHIBIT "A"

Florida Public Records Law

119.0701 Contracts; public records; request for contractor records; civil action. —

(1) DEFINITIONS. —For purposes of this section, the term:

(a) "Contractor" means an individual, partnership, corporation, or business entity that enters into a contract for services with a public agency and is acting on behalf of the public agency as provided under s. [119.011](#)(2).

(b) "Public agency" means a state, county, district, authority, or municipal officer, or department, division, board, bureau, commission, or other separate unit of government created or established by law.

(2) CONTRACT REQUIREMENTS. —In addition to other contract requirements provided by law, each public agency contract for services entered into or amended on or after July 1, 2016, must include:

(a) The following statement, in substantially the following form, identifying the contact information of the public agency's custodian of public records in at least 14-point boldfaced type:

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (telephone number, e-mail address, and mailing address).

(b) A provision that requires the contractor to comply with public records laws, specifically to:

1. Keep and maintain public records required by the public agency to perform the service.

2. Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.

3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.

4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Issue Considered: Don CeSar Boat Ramp Feasibility Study – Location Selection

Strategic Objective: Resilience

Date: June 11, 2024

Prepared By: Mike Clarke, Public Works Director

Through: Wayne Saunders, Interim City Manager

Summary of Issue: The Don CeSar Boat Ramp is a low point in the seawall system of the Don CeSar neighborhood. As a result, rising waters from high tides and storm activity overtops the boat ramp and inundates the neighborhood causing disruption for vehicle and pedestrian transportation and property damage.

On February 13th, 2023, the City Commission authorized a Don CeSar Boat Ramp Feasibility Study funded with a \$128,344.00 grant with the Florida Fish and Wildlife Conservation Commission Florida Boating Improvement Program (FBIP). The Study evaluated two potential alternatives for the reconstruction of the Don CeSar Boat Ramp. Alternative 1 is the existing Don CeSar Boat Ramp location and Alternative 2 is the intersection of Casablanca Avenue and Cabrillo Avenue. The Study was received on Feb 23, 2024.

On March 12, 2024, the Study was presented to the Commission. Following discussion, the Commission directed staff to host a Community Meeting. On May 29, 2024, a meeting was held at the City's Recreation Center to receive public input. All City Commissioners were present and heard the comments, both pros and cons regarding the need for a boat ramp and its location.

The next grant cycle for applications will be announced in January 2025. The next grant would be for the design of the selected location.

Staff requests Commission direction regarding the location of the replacement Boat Ramp.

Funding: N/A

Requested Motion: “I move to approve locating the replacement of the existing Don CeSar Boat Ramp at _____.”

Attachment:

1. Preliminary Engineering Report for the Don CeSar Boat Ramp Improvement Feasibility Study by Stantec Consulting services Inc.

Preliminary Engineering Report for the Don CeSar Boat Ramp Improvement Feasibility Study

Prepared for:

City of St. Pete Beach

Prepared by:

Stantec Consulting Services Inc.



February 23, 2024

Preliminary Engineering Report for the Don Cesar Boat Ramp Improvements Feasibility Study

Revision	Description	Author	Date	Quality Check	Date	Independent Review	Date
1	Draft Report	Stantec	07/12/23	AB	07/30/23		
2	Final Report	Stantec	01/08/24	AB	02/19/24		



Preliminary Engineering Report for the Don Cesar Boat Ramp Improvements Feasibility Study

The conclusions in the Report titled Preliminary Engineering Report for the Don Cesar Boat Ramp Improvement Feasibility Study are Stantec's professional opinion, as of the time of the Report, and concerning the scope described in the Report. The opinions in the document are based on conditions and information existing at the time the scope of work was conducted and do not take into account any subsequent changes. The Report relates solely to the specific project for which Stantec was retained and the stated purpose for which the Report was prepared. The Report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec has assumed all information received from City of St. Pete Beach (the "Client") and third parties in the preparation of the Report to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

This Report is intended solely for use by the Client in accordance with Stantec's contract with the Client. While the Report may be provided by the Client to applicable authorities having jurisdiction and to other third parties in connection with the project, Stantec disclaims any legal duty based upon warranty, reliance or any other theory to any third party, and will not be liable to such third party for any damages or losses of any kind that may result.

Prepared by:



Signature

Tom Burke, PE

Printed Name

Prepared by:



Signature

Chris Gamache, PE, QBI

Printed Name

Reviewed by:



Signature

Ananda Bergeron, PE, ENV SP

Printed Name



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Executive Summary

The City of St. Pete Beach has contracted with Stantec Consulting Services, Inc. (“Stantec”) to develop a Preliminary Engineering Report (PER) and associated concept plans for improvements to the Don Cesar Boat Ramp located at 3398 W Maritana Dr.

The intent of this report is to evaluate raising the ramp elevation at its current location or relocating it to a new location that currently is not served by a boat ramp. The Alternative 1 existing Don Cesar Boat Ramp is located within the intersection of four streets: Casablanca Avenue, Cabrillo Avenue, W. Maritana Drive and Maritana Avenue W. Alternative 2 relocates the boat ramp approximately 400 ft south to the turn in Cabrillo Avenue. At both locations the ramp is located within the right-of-way of the adjacent streets resulting in use and accessibility challenges with non-boating vehicular and pedestrian traffic.

In addition to the location challenges, the top of the boat ramp is at elevation 1.0 feet NAVD and is often flooded during high tide events. The city wishes to raise the top of the boat ramp to elevation 5.0 feet NAVD to be consistent with their municipal code.

Existing conditions including survey (topography, bathymetry and utilities), site reviews, water level data review, environmental and cultural resource reviews and regulatory meetings were conducted in preparation of this PER.

As constructed, the existing Don Cesar ramp is the low point (top elevation 1.0 feet NAVD) of the intersection and receives a majority of the intersection runoff. Further, the adjacent seawall elevation is approximately 1.5 feet NAVD at the ramp. Tides greater than elevation 1.0 feet NAVD funnel through the ramp opening in the seawall into the intersection which is evidenced by high water marked by vegetative debris at the top of the ramp.

Alternative 1 and Alternative 2 site locations are clear for known archaeological or historical resources within the project areas.

The existing ramp and concept ramp include a single lane ramp. The recommended number of trailer parking spaces for the one (1) lane ramp configuration ranges from 15 to 45 with a preferred 30 spaces. Alternative 1 ramp is currently served by twelve (12) trailer spaces which is three (3) spaces below the minimum. The Alternative 2 ramp would be served by five (5) adjacent trailer spaces which would be under parked by ten (10) minimum spaces recommended. Improvements to Cabrillo Avenue including converting the street to one-way southbound could provide an additional six (6) on-street trailer parking spaces.

To evaluate if the alternative sites could accommodate the proposed ramp adjustments, generally accepted guidelines for the design of the ramp, floating docks, and gangways where applied to develop the concept plans and ramp sections.

Pre-application meetings were conducted to develop alternative concepts in general conformance with the rules and regulations of the Florida Department of Environmental Protection (FDEP) and United States Army Corps of Engineers (USACE). These notes and correspondence are provided in Appendix B.

Preliminary Engineering Report for the Don Cesar Boat Ramp Improvements Feasibility Study

To accommodate a top of ramp of elevation 5.0 feet NAVD at either location, existing right-of-way improvements will have to be raised at least 2.0- to 3.5-feet above existing grade. Pavement, curbing, sidewalk, storm inlets and utilities will have to be reconstructed and/or adjustments made. Additional seawalls and retaining walls will also be required to accommodate the increased elevations. The raised roadway section will also require transitioning back to the existing roadway elevations with acceptable cross and longitudinal slopes.

The opinion of probable construction cost for Alternative 1 Don Cesar Ramp and Alternative 2 Cabrillo Avenue Ramp is \$1.25M and \$991K, respectively. These estimates are based on hard construction costs plus contractor general conditions cost.

1 Project Overview

The City of St. Pete Beach has contracted with Stantec Consulting Services, Inc. (“Stantec”) to develop a Preliminary Engineering Report (PER) and associated concept plans for improvements to the Don Cesar Boat Ramp located at 3398 W Maritana Dr. Improvements include raising the existing ramp to elevation 5.0 feet NAVD (Alternative 1) or potentially relocating the ramp approximately 400 feet south on Cabrillo Avenue (Alternative 2).

The intent of this report is to address and evaluate raising the ramp elevation at its current location or relocating it to a new location that currently is not served by a boat ramp. The Alternative 1 existing Don Cesar Boat Ramp falls within the intersection of four streets - Casablanca Avenue, Cabrillo Avenue, W. Maritana Drive and Maritana Avenue W. As configured within this intersection, the boat ramp faces safety and accessibility issues. Located in an area of high local and tourism traffic, many drivers are unaware that there is a boat ramp at this intersection and become confused when towing vehicles stop, back their boats, and don't quickly exit the intersection. Drivers often get frustrated that the intersection is blocked while they are trying to pass through quickly.

In addition to the location challenges, the top of the boat ramp is at about 1.0 feet NAVD and is often inundated during tide events. The city wishes to bring the top of the boat ramp to elevation 5.0 feet NAVD to be consistent with their municipal code. Raising the elevation will allow for continued access as the sea level continues to rise.

Alternative 1 replaces the boat ramp in its existing location, raising the top of the ramp (at seawall) to elevation 5.0 feet NAVD.

Alternative 2 relocates the boat ramp approximately 400 ft south at the turn in Cabrillo Avenue. The elevation of the top of the boat ramp (at seawall) would also be set to elevation 5.0 feet NAVD.



Figure 1. Alternatives Location Map

1.1 Scope of Work

This Scope of Work includes conceptual site plans and elevation renderings for the two alternative sites described above. The alternatives were developed to optimize boater accessibility and parking; meet City's elevation criteria; and minimize impacts to residents, utilities and the traveling public. The alternatives are evaluated in this preliminary engineering report and compared in an evaluation matrix.

Alternative 1 locates the boat ramp in the same footprint as the existing ramp, making modifications only to accommodate the proposed elevation increase of approximately 3 feet at the wall and tie-in to existing elevations. Alternative 2 locates the boat ramp south on Cabrillo Avenue at the point Cabrillo Avenue turns west. To evaluate these alternative locations the following Scope of Work was completed: Topography and Bathymetric Survey; Utility/Subsurface Utility Engineering Survey; Data Collection and Evaluation; Regulatory Pre-Application Meetings; Cultural Resources Review; Conceptual Site Plans / Rendering Development; Evaluation Matrix; and Cost Estimating.

2 Existing Conditions

Existing conditions at the proposed alternatives sites were characterized based on a number of factors including field observations, collected survey data, review of permitting agency files, readily available information, permits, reports and other pertinent information.

2.1 Topographic and Bathymetry Survey

Topographic and bathymetric surveys in the vicinity of the Don Cesar Boat Ramp and Alternate 2 site were conducted as follows:

- Horizontal and vertical location of the existing structures (etc.) and surrounding topography located within the subject area.
- Topographic elevation data collected on an approximate 50-foot stationing and at all apparent grade breaks.
- Trees 4" DBH and larger located.
- Storm and Sanitary manholes with inverts.
- Horizontal datum NAD83 and Vertical datum NAVD88.
- Beginning at ramp, collected data on 10 cross sections spaced approximately 50 feet apart extending from the toe of seawall water ward for approximately 200 feet.
- Collected horizontal location of docks and piles.

Horizontal control for bathymetry survey was based on real time sub-meter (or better) Differential GPS. Vertical control was based on existing benchmarks as published by National Geodetic Survey.



2.1.1 Alternative 1 - Don Cesar Boat Ramp and Vicinity

The existing boat ramp is in the southeast quadrant of the intersection of Casablanca Avenue (north); Cabrillo Avenue (south), West Maritana Drive (east) and Maritana Avenue W (west). The ramp approach/depart area is roughly defined by concrete pavement that extends from the ramp towards the intersecting streets. This concrete pavement generally grades from the streets at elevations 2- to 3 feet towards the ramp at about 1.5 percent slope.

The existing concrete boat ramp has a top of ramp elevation of approximately 1.0 feet NAVD as defined by the location at which the seawall ties to the ramp. The toe of ramp elevation is approximately (-)5.0 feet NAVD and is defined as the end of the existing fixed timber docks. The ramp transitions from concrete to pre-cast concrete planks at elevation 0.31 feet NAVD. The ramp is approximately 50 feet long with an average slope of 11.4 percent.

Casablanca Avenue – The road section is inverted crown and grades north to south from elevation 2.5 to 2.0 feet NAVD. towards the ramp. The road grade at the transition from asphalt to concrete pavement is about 2.0 feet NAVD. The two-lane road has a right-of-way width of 50 feet.

Cabrillo Avenue – The road section transitions from crowned to inverted as it approaches the ramp area. A mid-block (about 150 feet) drainage divide splits the runoff north (towards ramp) and south (towards end of street.). Grade at the transition from asphalt to concrete pavement is about 2.0 feet NAVD. The two-lane road has a right-of-way width of 80 feet (north-south) and 50 feet (east-west).

West Maritana Drive – The road section is crowned with only about 50 feet of the south curb draining towards the ramp. The north curb drains towards the intersection and is collected by a curb inlet. Grade at the transition from asphalt to concrete pavement is about 2.0 feet NAVD. The two-lane road has a right-of-way width of 50 feet.

Maritana Avenue W – The road section is crossed sloped from northwest to southeast from elevation 4.0 to 3.0 feet NAVD at the transition from asphalt to concrete pavement. The two-lane road has a right-of-way width of 100 feet.

Bathymetry in the vicinity of the ramp ranges from 1-foot NAVD at top of ramp to (-)9 feet NAVD in the center of Little McPherson Bayou.

2.1.2 Alternative 2 – Cabrillo Avenue and Vicinity

There is no existing boat ramp at the Alternative 2 location which is located at the southernmost end of Cabrillo Avenue just before it turns west towards Gulf Boulevard. The Alternative 2 ramp area is defined by Cabrillo Avenue and approximately 20 feet of open green space between the street and seawall. The street elevation ranges from 1.5 to 2.0 feet and slopes from northwest to southeast at 2 percent. The open area grade ranges from 1.8 to 2.0 feet NAVD between back of curb and seawall. The seawall cap is surveyed at elevation 2.3 feet NAVD.



Bathymetry in the vicinity of Alternative 2 ranges from 1.0 to (-)10 feet NAVD at the existing seawall to center of the channel, respectively. The slope is about 30 percent within the first six feet out from the seawall and tapers to 2.6 percent to mid-channel depth.

2.2 Utility Survey

Surface and subsurface utilities were surveyed in support of developing alternatives concepts. The Subsurface Utility Engineering (SUE) survey was performed to an ASCE Quality Level 'B' Electronic Designation to mark the horizontal locations of found underground utilities from right of way within the project limits.

2.2.1 Alternative 1 - Don Cesar Boat Ramp and Vicinity

Utilities identified in the vicinity of the Don Cesar boat ramp include the following:

Surface Utilities:

- Storm grate inlets
- Storm manholes
- Sanitary manholes
- Telephone / cable
- Transformer
- Water/reclaimed valves
- Light poles
- Overhead electric Line

Subsurface Utilities:

- Buried Electric (across front of ramp)
- Water, Fiber Optic, Reclaimed Water, Buried Electric (Casablanca Avenue)
- Water, Reclaimed Water, Buried Electric (Cabrillo Avenue)
- Water, Reclaimed Water, Buried Telephone (W Maritana Avenue)
- Water, Fiber Optic, Buried Electric (33rd Road)

2.2.2 Alternative 2 – Cabrillo Avenue and Vicinity

Utilities identified in the vicinity of the Alternative 2 site include the following:

Surface Utilities:

- Storm grate inlets
- Storm manholes
- Telephone / Cable
- Transformer
- Water/reclaimed valve
- Light poles

Subsurface Utilities:

- Water, Reclaimed Water, Buried Electric, Buried TV (Cabrillo Avenue)



2.3 Description of Existing Ramps, Roadways, and Drainage

The existing boat ramp at the Alternative 1 location consists of a single lane ramp constructed of cast-in-place concrete from the top (elevation 1.0 feet NAVD) to mid ramp at elevation -0.3 feet NAVD. From this point, pre-cast concrete planks continue to the ramp toe elevation estimated at -4 to -5 feet NAVD. With an average length of 50 feet the resulting ramp slope is 12 percent. The ramp includes two (2) fixed timber docks (approximately 55 feet long) located on either side of the concrete structure.

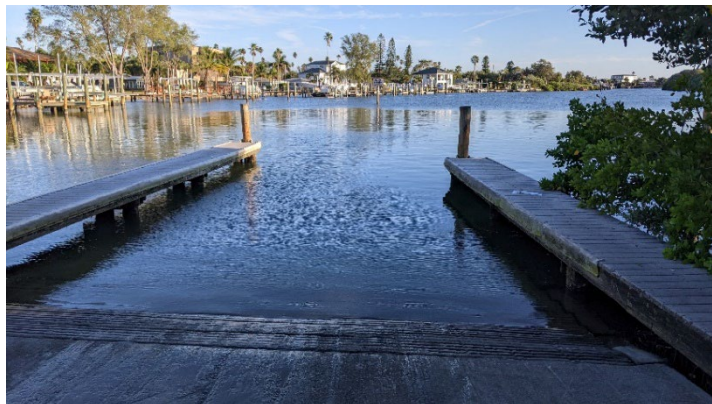


Figure 2. Alternative 1 Don Cesar Ramp Existing Conditions

Limited meter parking is available on adjacent streets and discussed further in Section 3.2 Parking. There is no ramp use fee and no marina, fuel, bait, restrooms, picnic area or handicap accessibility at the ramp. Reported operating hours are 5 a.m. to 11 p.m. The ramp is located on Little McPherson Bayou which is part of the Boca Ciega Bay Aquatic Preserve, a designated Outstanding Florida Waters. The ramp is managed by the St. Pete Beach Leisure Services Parks Division.

The Alternative 2 site is located on Cabrillo Avenue approximately 400 feet south of the existing ramp. There is no ramp at this location and the site is characterized by grassed right-of-way, seawall and vegetation.

Roadways in the vicinity of the alternative locations include Casablanca Avenue, Cabrillo Avenue, West Maritana Drive and Maritana Avenue W. The roads are located within the St. Pete Beach city limits and classified as local roads with asphalt pavement sections, two-way travel and varying roadway widths ranging from 24 feet (West Maritana Drive) to 40 feet (Maritana Avenue W). The asphalt pavement surface is in good condition with no major pavement failures observed.



Figure 3. Alternative 2 Cabrillo Avenue Existing Conditions

The intersection area at the Alternative 1 ramp is constructed of concrete pavement and totals approximately 0.32 acres. Based on field observations, the concrete is in fair condition with cracks occurring near corners, midspan of the panels and at manholes, valve boxes and other surface penetrations. Most of the failures are observed occurring between Cabrillo Avenue and the existing ramp.



Roadway drainage in the vicinity of the alternatives includes typical street sections that direct runoff to curbs and eventually to closed drainage systems including inlets, manholes and pipe conveyance to Little McPherson Bayou. A baffle box treatment manhole appears to be located on Cabrillo Avenue near the intersection of Gulf Boulevard.

Descriptions of existing site features including ramps, seawalls, pavement, parking, utilities, landscape, etc. are based on readily available data and field observations. This contract does not include structural or civil evaluations or testing of these elements.

2.4 Cultural Resources

Stantec conducted a desktop assessment of the Don Cesar Boat Ramp improvement project located in St. Pete Beach, Pinellas County, in Section 07, Township 32 South, Range 16 East. This desktop assessment reviewed information concerning known cultural resources within a 1-mile radius of the proposed project area using the current Florida Master Site File (FMSF) database in GIS format for archaeological and historic resources and a review of the National Register of Historic Places (NRHP) for listed properties.

Based on the report findings and confirmation from the State of Florida Bureau of Historic Preservation, Alternative 1 and Alternative 2 site locations are clear for known archaeological or historical resources within the project areas. The full cultural resource assessment is provided in Appendix A.

2.5 Sea Level Rise Projections

Tides, water levels and meteorological observations in the vicinity of the alternatives are monitored at the National Oceanic and Atmospheric Administration (NOAA) St. Petersburg Station (ID 8726520) located at the U.S. Coast Guard Station St. Petersburg. The station was established in 1946 with its present installation online since 1991. General station information and water level summary statistics for the station is provided below:

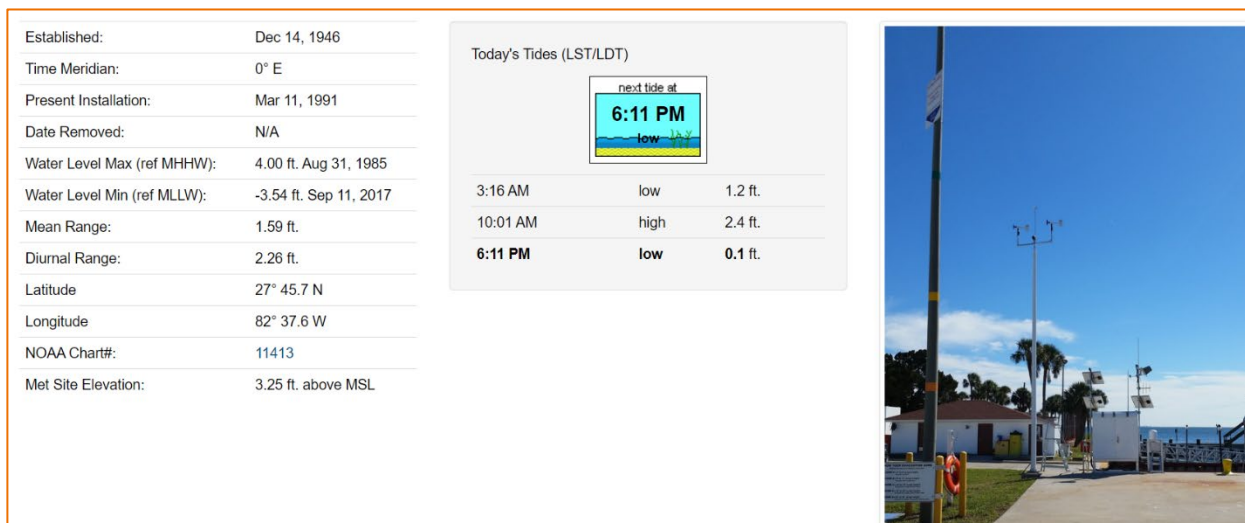


Figure 4. NOAA St. Petersburg Station (ID 8726520)



Preliminary Engineering Report for the Don Cesar Boat Ramp Improvements Feasibility Study

The Little McPherson Bayou water level elevation was recorded at elevation 1.3 feet NAVD at the Alternative 1 site during survey field work in April 2023. As observed, the water level this date extended beyond the top of ramp and seawall but not into the intersection. For comparison, observed water level elevations were queried from June to July 2023 and provided in the chart below. As shown, high water levels range from about 1.0 to 2.0 feet NAVD at the station. For reference, the top of ramp and seawall are located at approximate elevation 1.0 feet NAVD.

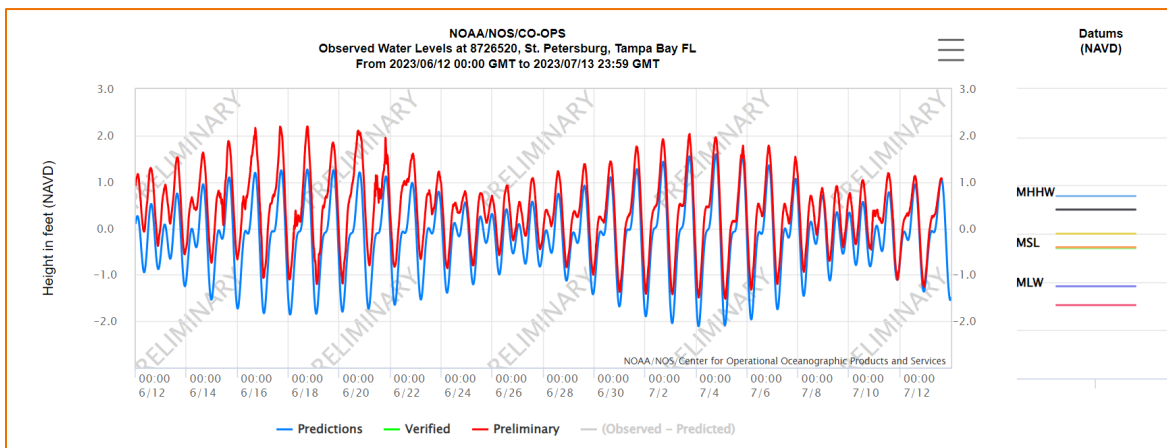


Figure 5. NOAA Observed Water Levels at St. Petersburg Station (ID 8726520)

Monthly high/low tide elevations were reviewed and statistically summarized for a 10-year period of record, see table below. As presented, the monthly Mean High Water (MHW) elevation mean and median value is 0.90 feet NAVD. The monthly MHW maximum observed water level at the Station is 1.63 feet NAVD. The highest mean and median level observed for this period is approximately 2.0 feet NAVD with the maximum highest recorded at 4.15 feet NAVD.

St. Petersburg Station (No. 8726520)								
Monthly Tide High/Low Summary Statistics								
Period of Record July 2013 - May 2023								
Datum: NAVD88								
Statistic	Highest	MHHW (ft)	MHW (ft)	MSL (ft)	MTL (ft)	MLW (ft)	MLLW (ft)	Lowest (ft)
Minimum:	1.18	0.44	0.20	-0.63	-0.58	-1.36	-1.85	-5.30
Mean:	2.04	1.17	0.90	0.13	0.12	-0.65	-1.06	-1.88
Median:	1.96	1.19	0.90	0.14	0.13	-0.64	-1.04	-1.76
Maximum:	4.15	1.85	1.63	0.90	0.89	0.15	-0.27	-1.02
Range:	2.98	1.41	1.43	1.53	1.47	1.51	1.59	4.28

Table 1. Monthly Tide High/Low Summary Statistics

For comparison, the street intersection ranges in elevation from 1.0- (at ramp) to 3.0 feet NAVD with a typical elevation through the center of about 2.0 feet NAVD. A portion of the adjacent travel lanes for Cabrillo Avenue and W. Maritana Drive are inundated during the mean high events with less frequent flooding to the center of the intersection.



As constructed, the ramp is the low point of the intersection and receives a majority of the runoff. Further, the adjacent seawall elevation is approximately 1.5 feet NAVD at the ramp. Tides higher than elevation 1.0 feet NAVD funnel through the ramp opening in the seawall into the intersection. During field reviews there was no evidence of storm check valves which would prevent high tide backflow into the drainage system and adjacent areas.

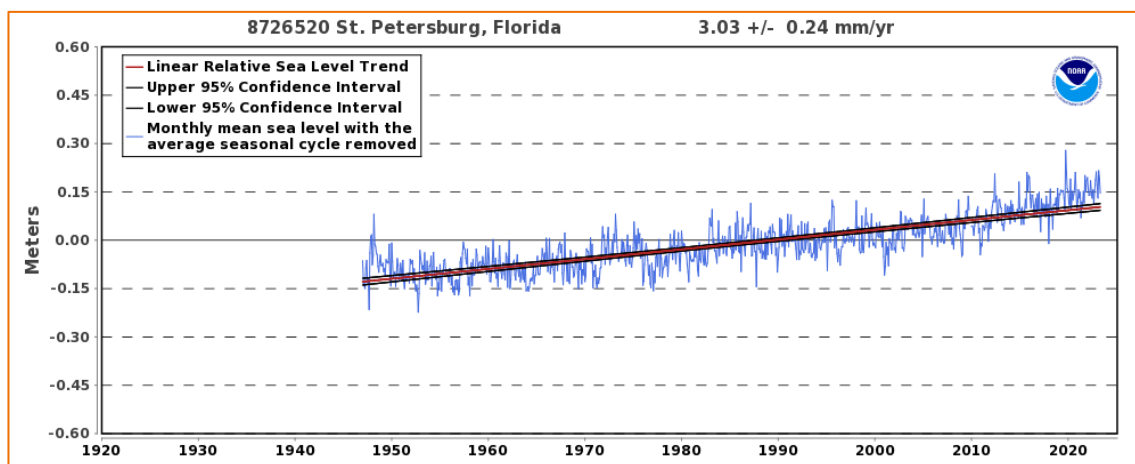


Figure 6. NOAA Sea Level Rise Projection at St. Petersburg Station (ID 8726520)

The relative sea level trend is 0.12 inches (3.0 mm) per year with a 95% confidence interval of +/- 0.01 inch (0.24 mm) per year based on monthly mean sea level data from 1947 to 2022 which is equivalent to a change of 0.99 feet in 100 years.

It should be noted that Section 161.551 of the Florida Statutes requires state agencies, municipalities, counties, special districts, authorities or other corporate bodies of the state, which commission or manage a construction project within the coastal building zone using funds appropriated from the state to conduct a sea-level impact projection (“SLIP”) study.

2.6 Riparian Rights

Alternative 1 Don Cesar Ramp is at the intersection of Cabrillo Avenue and W Maritana Boulevard. The existing boat ramp lies in the elbow or bend of the waterbody. This minimizes the amount of area available to construct or modify the boat ramp and stay within the legally existing riparian rights.

Alternative 2 Cabrillo Avenue Ramp would be situated along the east side of Cabrillo Avenue right-of-way on a stretch of shoreline that is straight with no curves or turns along the bank. The area legally allotted this parcel provides a greater area to develop and construct the proposed boat ramp without infringing upon the neighbors’ riparian rights.

Additional coordination with Pinellas County will be required for applicability of the County’s Code of Ordinances Chapter 58 – Environment, Article XV. – Water and Navigation Regulations to permit ramp, docks, seawall, dredge and fill, mangrove, etc.



Further, Section 18-21.004(3)(d), Florida Administrative Code, provides: Except as provided herein, all structures, including mooring pilings, breakwaters, jetties and groins, and activities must be set back a minimum of 25 feet inside the applicant's riparian rights lines. Marginal docks, however, must be set back a minimum of 10 feet.

3 Land Development Regulations

Land Development Code of St. Pete Beach, Florida is codified through Ordinance No. 2022-06, enacted May 9, 2022 (Supplement 47). This code is reviewed and summarized in the following sections for applicability to development of the alternative sites. For reference, the proposed alternatives are located within the city limits of St. Pete Beach in a mixed-use area of residential, institutional properties and resort facilities.

3.1 Zoning and Future Land Use

The City of St. Pete Beach Official Zoning Map Ordinance 2011-34 effective 07/10/2012 was reviewed for existing zoning designation at the alternative sites. The St. Pete Beach Future Land Use Map dated January 21, 2016 was also reviewed for land use designation at the sites. The following table includes the Zoning, Future Land Use and existing uses for each Alternative location. As noted below, no overlay district, community redevelopment area or additional restrictions on the alternative sites were identified in this review.

Alternative Sites General Information

Alternative	Zoning	Existing Use	Future Land Use	Overlay/CRA District
Alternative 1 Don Cesar Ramp	Residential Medium (RM). (ramp located in Right-of-Way)	Recreation (Boat Ramp to Little McPherson Bayou)	Residential Medium (RM) (ramp located in Right-of-Way)	None Identified
Alternative 2 Cabrillo Avenue Ramp	Residential Medium (RM). (ramp located in Right-of-Way)	Open Space, Seawall and Little McPherson Bayou	Residential Medium (RM) (ramp located in Right-of-Way)	None Identified

St. Pete Beach Land Development Code, Division 12 – RM Residential District, Sec. 12.3 – Permitted accessory uses and structures and Sec. 12.4 – Allowable Conditional Uses section provides for docks and recreational uses including public parks and/or recreational facilities.



3.2 Parking

The City's Land Development Code regarding parking is provided in Sec. 23.5 – Number of Parking Spaces Required which includes a table for Use verses Parking Requirement (spaces). The table includes parking required for Marina or Commercial Docks; however, it does not address requirements for public boat ramps. Therefore, parking needs are to be determined and approved based upon a project-specific parking study that would be required for development of the Alternative sites. Any parking areas to be used by the general public shall provide suitable, marked parking spaces for handicapped persons. The number, signage, design and location of these spaces shall be in accordance with all applicable codes.

The Alternative 1 ramp location is served by a limited number of parking spaces in the vicinity of the ramp. Existing public pay app parking includes three (3) parallel trailer spaces and two (2) standard vehicle spaces along the north side of Maritana Avenue W; four (4) parallel trailer spaces along the west side of Casablanca Avenue; and five (5) parallel trailer spaces along the west side of Cabrillo Avenue. There is no designated parking on W Maritana Drive east of the existing ramp. The trailer parking spaces along Cabrillo Avenue are located between the two alternative sites and can serve either location equally.

Pedestrian sidewalk connectivity to the Alternative 1 ramp is limited to Maritana Avenue W (north side), Casablanca Avenue (east side) and W Maritana Drive (north side). There are no crosswalks at the intersection to safely route pedestrians to the ramp. There are also no sidewalks along Cabrillo Avenue to serve either alternative location.

The Alternative 2 ramp location can be served by limited parking in the vicinity of the ramp. Existing public pay app parking includes five (5) parallel trailer spaces along the west side of Cabrillo Avenue. Across from these spaces are "No Parking Anytime" sign postings along the east side of Cabrillo Avenue.

Proposed parking near Alternative 2 may be available in the pervious lot (about 4,900 square feet) located adjacent to and south of the proposed ramp. This area is currently used for occasional short term daily parking. Based on the available right-of-way area, the parking is limited to four (4) passenger vehicles.

To estimate the parking needs of the ramp configurations, published boat launch rate data were reviewed. Launch ramp use is usually concentrated during a three-hour launch period (morning) and a three-hour retrieval period (afternoon). A ten (10) minute per vessel time window for launching and parking has also been referenced as an optimum design rate. Recommended parking spaces per ramp lane is provided as follows:

No. of Lanes:	1	2	3	4	5
Minimum	15	45	75	125	175
Preferred	30	60	100	150	200
Maximum	45	75	125	175	250

Table 2. General Ranges for Trailer Parking per Boat Ramp Launch Lane



As shown in Table 2 above, the recommended number of trailer parking spaces for the proposed Alternatives configured with one (1) lane ranges from 15 to 45 with a preferred 30 spaces. Alternative 1 ramp is currently served by twelve (12) trailer spaces which is three (3) spaces below the published minimum for a single ramp. Based on existing parking conditions, the Alternative 2 ramp would be served by five (5) adjacent trailer spaces which would be under parked by ten (10) minimum spaces recommended.

Passenger car parking, also known as “friends of boaters”, should also be considered when locating ramps and their associated parking requirements. At least ten percent of the preferred number of spaces should be provided. For the alternatives, this equates to two (2) spaces near each of the alternative locations.

3.3 Landscaping

Landscape requirements are provided in the St. Pete Beach Land Development Code, Division 22 Landscaping and Tree Protection. Proposed landscaping will be in accordance with the applicable sections of the referenced code and located within the designated project boundaries. The proposed landscaping schemes will be evaluated based on their relationship to the existing natural landscape, developed and other proposed landscape, including those on adjacent properties and street rights-of-way.

The project area available for providing a design that meets the code requirements is very limited due to existing improvements, right-of-way, vegetation and presence of existing utilities. Mangrove impact mitigation will also need to be included in the planting plan.

4 Ramp and Dock Design

The boat ramp and dock design follow generally accepted guidelines for the design of the ramp, floating docks, and gangways. Below is a list of recommended design criteria.

Lane Width: The boat ramp lane width to provide for adequate maneuvering for vehicles and trailers is 20 feet for a single lane ramp and 30 feet for a double lane ramp.

Toe Elevation: The bottom elevation at the toe of the ramp is recommended to be a minimum of 3 feet below the design low water elevation.

Slope: The launching slope of the ramp should be uniform throughout its length. The recommended range for the slope is between 12% and 15% to accommodate boat launching while not being too steep for vehicle traction.

Transition: The slope at the top of the ramp should transition with a vertical curve to the approach of the ramp for smooth and safe vehicle-trailer transitioning. It is recommended that the length of curve be between 20 to 25 feet in length.



Traction: To accommodate vehicle traction in wet conditions, v-grooving should be added as a textured surface to discourage slipping.

Floating Docks: Floating docks 5 feet in width, are recommended for boarding, loading and unloading. For public boarding docks, designing the floatation for a uniform load of 40 pounds per square foot is recommended.

Gangways: Gangway ramps leading from the seawall to the floating dock should be a minimum of 30 feet in length and have a clear width of 3 feet. Graspable handrails should be provided along the length of the gangway and the walking surface should be non-skid.

5 Permitting Requirements

Permitting requirements for the development of the Alternative 1 and Alternative 2 concept plans are summarized below.

5.1 Pre-Application Meeting

A pre-application meeting and follow-up discussions were conducted to develop alternative concepts in general conformance with the rules and regulations of the Florida Department of Environmental Protection (FDEP). Meeting notes issued by the agency are provided in Appendix B. A summary review of those notes is provided below:

- Environmental Resource Permit Sections A, C and D to be submitted.
- Exempt Permit Criteria – 25 cubic yards or less of dredging
- General Permit Criteria – 100 cubic yards or less of dredging
- Docks over wetlands or surface waters – 500 square feet in Outstanding Florida Water
- Little McPherson Bayou is classified as Pinellas County Outstanding Florida Water / Aquatic Preserve
- No submerged aquatic vegetation present
- Stormwater management from ramps
- Submerged Sovereign Lands survey required.
- Proof of Sufficient Upland Interest

5.2 National Pollutant Discharge Elimination Systems (NPDES)

The NPDES Notice of Intent (NOI) Stormwater Permit Application will be required to develop the alternative sites. A Stormwater Pollution Prevention Plan (SWPPP) will also need to be prepared and executed during construction. It will be the responsibility of the contractor to monitor compliance with the SWPPP and to complete the Notice of Termination (NOT) at the completion of the project.



5.3 City of St. Pete Beach

St. Pete Beach Land Development Code Sec. 5.1. – Site Plan Review outlines the submittal requirements and procedure for site plan approval. An application for a development permit requesting approval of a site development plan will need to be reviewed and approved by the city manager. The purpose of a site plan review is to ensure that development will be carried out in compliance with the City Code of Ordinances and any other federal, state and county regulations. In addition, a site plan describing and portraying both existing and proposed conditions of the development is required for the approving authority to make an informed decision.

5.4 Pinellas County

See Section 2.6 Riparian Rights for additional information on permitting through Pinellas County.

5.5 Florida Department of Environmental Protection / US Army Corps of Engineers

Development of the alternative sites will require an Environmental Resource Permit (ERP) through the Florida Department of Environmental Protection and the United States Army Corps of Engineers (USACE) for stormwater management, wetlands and floodplains. Further, any impacts to permitted stormwater management facilities, wetlands, mangroves and mitigation areas must also be re-permitted through the FDEP and USACE. Refer to Section 5.1 for pre-application notes from FDEP meeting.

6 Conceptual Site Plan

Conceptual site plans and associated renderings have been prepared as part of the preliminary engineering report to determine if constructing ramps with top elevation of 5.0 feet NAVD can be accommodated to reduce frequent flooding at the intersection; provide additional parking and pedestrian connectivity while minimizing impacts to permitted stormwater systems, utilities, adjacent grades, wetlands and mitigation areas. A discussion of each concept follows with plans and renderings provided in Appendix C.

6.1 Alternative 1 - Don Cesar Boat Ramp

Alternative 1 replaces the boat ramp in its existing location, raising the top of ramp at the seawall to elevation 5.0 feet NAVD. This concept also includes replacing the timber docks located on either side of the ramp. Due to limited area (and riparian right constraints) at its current location the ramp is limited to its current single lane width configuration. See Appendix C for concept layouts including Figure 1 (Concept Plan), Figure 2 (Concept Plan Aerial) and Figure 2A (Rendering).

The top of ramp and transition slab is placed near the existing seawall line to limit the grading impact into the intersection. Transitioning the top of ramp elevation of 5 feet NAVD through the intersection increases the centerline elevation from 1.6 feet (curb at Maritana) to 4 feet (at ramp) west to east. This



increase is carried through the intersection in all directions at slopes of 1.4 to 2.3 percent away from the ramp. Raising the ramp also reverses the existing grading scheme at the intersection in all directions. Additional stormwater infrastructure and/or adjustments to the existing storm system will be required near the established boundary of the existing asphalt pavement interface. Retaining walls or grading slopes (3:1 max) will be required to transition the sides of the ramp/dock approaches to existing grade. Utility adjustments will also be required including any underground conflicts with proposed storm piping. See Appendix C Figure 4 and Figure 5 for concept roadway cross sections.

Landscaping opportunities at the existing ramp are limited due to lack of available open space and presence of existing utilities including stormwater inlet and underground telephone and electric infrastructure.

Twelve (12) existing public boat trailer parking spaces are provided adjacent to the ramp on Maritana Avenue W, Casablanca Avenue and Cabrillo Avenue. Two (2) public standard vehicle parking spaces are also provided on Maritana Avenue W. Based on the available existing parking spaces for boat and standard vehicles, the ramp is under parked by three (3) trailer spaces as compared to the minimum 15 spaces recommend for a single lane ramp.

Cabrillo Avenue would require reconfiguring to provide additional trailer parking spaces in the vicinity of the Alternative 1 ramp location. Changing Cabrillo Avenue to one-way southbound travel would provide an additional six (6) boat trailer spaces on the east curb. The roadway width would need to increase from 28 feet to 34 feet by adjusting the existing west curb six (6) feet. Back of curb grade and groundcover restoration would also be required. See Appendix C Figure 3 for Cabrillo Avenue parking concept.

Site modifications and required construction to accommodate a ramp at this location includes:

- Installation of stormwater Best Management Practices (silt fence, floating turbidity barrier, etc.).
- Installation of cofferdam and dewater ramp area
- Clearing and grubbing of pervious area
- Demolition of concrete curb, pavement, ramp and timber boardwalk
- Relocation / Resetting utilities
- Structural fill/aggregate to construct top of ramp at elevation 5.0 feet at seawall
- Construction of ramp at 15% slope to a toe elevation of -8.7 feet NAVD
- Reconstruct raised intersection and transition to existing/modified curb line elevations.
- Construction of pedestrian approach, gangway and floating docks on either side of ramp.
- Raising the existing seawall to elevation 5.0 feet NAVD for approximately 20 to 25 feet on either side of ramp.
- Filling and grading to existing pervious elevation on either side of ramp.
- Restoring curb and pavement; reset/relocate utilities including storm inlet, sanitary manhole; and installing landscaping.



6.2 Alternative 2 – Cabrillo Avenue Ramp

Alternative 2 relocates the existing ramp approximately 400 feet south to the turn in Cabrillo Avenue. The concept includes a single land ramp (30 feet wide) with a top elevation 5.0 feet NAVD at the existing seawall. The ramp extends approximately 83 feet into the water with a toe located at elevation (-)9.3 feet NAVD. The resulting ramp design slope is 15 percent. See Appendix C Figure 6 (Concept Plan), Figure 7 (Concept Plan Aerial) and Figure 7A (Concept Plan Rendering) for layouts.

At the top of ramp, a concrete transition slab will be extended towards Cabrillo Avenue raising the intersection grade approximately 1.5 to 2.5 feet above existing grade. This increase is carried through the intersection in all directions at slopes of 2.3 to 6.0 percent away from the ramp. Raising the ramp also reverses the existing grading scheme at the intersection in all directions. As configured, the bend in Cabrillo Avenue where the ramp is proposed is graded towards the southeast corner and drainage inlet. Additional stormwater infrastructure and/or adjustments to the existing storm system will be required near the established boundary of existing asphalt pavement interface. Grade slopes (3:1 max) will be required to transition the sides of the ramp/dock approaches to existing grade. Utility adjustments including addressing any underground conflicts with proposed storm piping will also be required. See Appendix C Figure 9 and Figure 10 for concept roadway cross sections.

Landscape area is available within the right-of-way but must be designed around existing utilities.

Similar to Alternate 1, twelve (12) existing public boat trailer parking spaces are available on Maritana Avenue W, Casablanca Avenue and Cabrillo Avenue between the existing ramp and Alternative 2 location. Two (2) public standard vehicle parking spaces are also provided on Maritana Avenue W. Based on the available existing parking spaces for boat and standard vehicles, the ramp is also under parked by three (3) trailer spaces as compared to the minimum 15 spaces recommend for a single lane ramp.

Cabrillo Avenue would require reconfiguring to provide additional trailer parking in the vicinity of the Alternative 2 ramp location. Modifying Cabrillo Avenue to one-way southbound travel would provide an additional six (6) public boat trailer spaces on the east curb. The road width would need to increase from 28 feet to 34 feet by adjusting the existing west curb six (6) feet, see Figure 8. Another parking alternative includes maintaining two-way traffic by increasing the roadway width to allow parking on both sides of the street, see Figure 8A.

Site modifications and required construction to accommodate a ramp at this location includes:

- Installing stormwater Best Management Practices (silt fence, floating turbidity barrier, etc.).
- Installing cofferdam and dewater ramp area
- Clearing and grubbing pervious area and proposed parking area
- Demolition of about 30 ft. of seawall
- Demolition of concrete curb and asphalt pavement
- Relocating / resetting utilities
- Structural fill/aggregate to construct top of ramp at elevation 5.0 ft. at seawall



- Constructing ramp at 15% slope to a toe elevation of -9.3 ft NAVD
- Reconstruct raised intersection and transition to existing/modified curb line elevations.
- Constructing pedestrian approach, gangway and floating docks on either side of ramp.
- Raising and tying seawall cap to elevation 5.0 ft. for approximately 25 ft on either side of ramp.
- Filling and grading to existing pervious elevation on either side of ramp.
- Restoring curb and pavement; reset/relocate utilities including transformer, meter; storm inlet, sanitary manhole; and install landscaping.

7 Evaluation Matrix

The following table has been prepared to evaluate the development limitations associated with the Alternative 1 and Alternative 2 sites. The limitation classifications are defined as follows:

- **None** indicates that site features are favorable for the specified use without conditions.
- **Slight** limitation indicates that site features are favorable for the specified use; any limitation is minor and easily overcome.
- **Moderate** limitation indicates that site features are unfavorable for the specified use, but the limitations can be overcome or minimized by additional design elements.
- **Severe** limitation indicates one or more site features are so unfavorable or difficult to overcome that a major increase in construction effort, special design, or intensive maintenance is required.

Description	Alternative 1 Don Cesar Ramp	Alternative 2 Cabrillo Avenue Ramp
Access	Severe – Located in right of way intersection of four streets; Boat launch / retrieve maneuvers occur in intersection; Seasonal fluctuations in traffic; Motorist unfamiliarity of ramp and maneuvers; ramp grading extends into intersection	Severe – Located in right of way at turn in street; Boat launch / retrieve maneuvers occur in street; Development area limited by adjacent right-of-way and available City owned property; ramp grading extends into intersection; requires one-way travel
Zoning / Future Land Use	None – Residential Medium (Z/FLU); Ramp located in right-of-way	None – Residential Medium (Z/FLU); Ramp located in right-of-way
Landscape / Trees	Slight – Limited area to develop code-minimum planting	None – Available area to develop code-minimum planting



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Description	Alternative 1 Don Cesar Ramp	Alternative 2 Cabrillo Avenue Ramp
Parking and Pedestrian Connectivity	Moderate – Under parked condition based on limited existing and proposed spaces (if Cabrillo Ave. is reconfigured); No pedestrian connectivity to ramp (mitigate with additional sidewalks, crosswalks, signage and other traffic controls)	Moderate – Under parked based on limited existing and proposed spaces (if Cabrillo Ave. is reconfigured); Development plans should include sidewalks, crosswalks and signage to new ramp
Stormwater / Floodplain	Severe – Ramp replacement limited to existing area; Additional ramp impervious area required to maintain proper design slope; Permitting delays with EPA 404 Criteria	Severe – Increased vehicular use area will need exemption or stormwater management; Limited area available for stormwater management area for ramp; Permitting delays due to EPA 404 criteria
Utilities	Moderate – Existing utilities will require adjustments or relocation	Moderate – Existing utilities will require adjustments or relocation
Riparian Rights	Severe - Existing ramp may have riparian encroachment; Widening is not an option without approval from adjacent properties	Slight - Avoid with setback from property lines; Determine riparian setbacks which will limit location and size of ramp
Mangroves / Wetlands	Slight – Reconstructing ramp within same footprint will minimize impacts to adjacent mangroves; Limited area for mitigation planting	Slight - New ramp will impact existing mangroves however available shoreline for mitigation; Nuisance species replacement with mangroves
Neighbor Concerns	Severe – Potential impacts to adjacent riparian rights; Traffic circulation; Available parking; Potential reconfiguration of Cabrillo Avenue; Safe pedestrian connectivity to ramp	Moderate - Increased traffic and circulation; Potential reconfiguration of Cabrillo Avenue; Available parking; Pedestrian connectivity to ramp
Traffic / Safety	Severe - Increased boating related traffic; Increased local traffic conflict with boat launch / retrieve maneuvers; Backup maneuver within ROW; Increased parking	Severe - Increased boating related traffic; Increased local traffic conflict with boat launch / retrieve maneuvers; Backup maneuver within ROW; Increased parking



Description	Alternative 1 Don Cesar Ramp	Alternative 2 Cabrillo Avenue Ramp
	demand; Increased potential for pedestrian conflicts with traffic.	demand; Increased potential for pedestrian conflicts with traffic; one-way traffic required.
Construction Cost Estimate	\$1,250,000	\$991,000
Construction Impacts	Severe - Includes substantial ramp length increase; Dredge and fill; Environmental (mangroves), Utilities, Intersection closure and pavement replacement; Approximate 3 ft. increase in road elevation and grading has impact on intersection drivability and tie-in to existing streets; Additional drainage structures; Utility conflicts; Closes ramp during construction.	Moderate – Dredge and fill; Environmental (mangroves, new ramp), Utilities, Intersection closure and pavement replacement; Approximate 3 ft. increase in road elevation and grading has impact on intersection drivability and tie-in to existing streets; Additional drainage structures; Utility conflicts; Additional seawall / retaining wall construction. Alternative 1 ramp could remain opened for use during construction of Alternative 2 site.

8 Cost Estimates

An opinion of probable construction cost was prepared for the alternative concepts and includes erosion and sediment controls, clear and grub, earthwork, site work, structural work and landscape restoration. Estimated hard construction cost for Alternative 1 totals \$919,041 which increases to \$1.245 million when considering contractor general conditions. Estimated hard construction cost for Alternative 2 totals \$728,864 or \$991,255 with contractor general conditions included. These estimates are based on recent local bids, FDOT historical costs and published data. See Appendix D for cost estimates details.



Appendix A – Cultural Resource Review



May 5, 2023

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

Reference: Don Cesar Boat Ramp Improvement Feasibility Study, St. Pete Beach, Pinellas County, Florida - Archaeological and Historical Desktop Review

Stantec conducted a desktop assessment of the Don Cesar Boat Ramp Improvement Project located in St. Pete Beach, Pinellas County, in Section 07, Township 32 South, Range 16 East (Figure 1). This desktop assessment reviewed information concerning known cultural resources within a 1-mile radius of the proposed project area. This included a search of the current Florida Master Site File (FMSF) database in GIS format for archaeological and historic resources and a review of the National Register of Historic Places (NRHP) for listed properties.

A search of the FMSF (as of January 2023) revealed 15 previous cultural resource surveys have been conducted within 1-mile of the project area between 1974 and 2022 (Table 1, Figure 2). The majority of these were surveys of archaeological sites, historic structures, or bridges that covered whole neighborhoods or sections of the county and were conducted for planning purposes. The most recent surveys completed in 2021 and 2022, cover nearly all of Pinellas County and focus on historic resources within flood hazard areas. Several surveys have been conducted prior to construction of cell towers; this type of survey typically includes archaeological testing only at the actual tower location and an overview of known historic properties within a certain radius from that location.

A single archaeological site has been recorded within 1-mile of the project area (Table 2; Figure 2). The Mound on Long Key site (8PI11) is understood to be located just north of the project area on a spur of land that extends into Boca Ciega Bay. This mound was described in 1880 by S. T. Walker as turtle shaped, complete with head, tail, and flippers. In 1903, C.B. Moore described the site as a 4 ft high white sand mound, measuring 100 ft long x 70 ft wide. Walker identified an extended burial and several mandibles during his investigation, while Moore uncovered a single flexed burial which was recorded as possibly intrusive. Neither recovered artifacts during their excavations. Scant other information or documentation exists for this site and its geographic location is given only as a general vicinity in the FMSF. The project area also resides on a spur of land stretching into Boca Ciega Bay roughly 275 meters south of the approximate location of the Mound on Long Key. The spurs of land containing the mound and the project area to the south have been entirely developed for residential housing since the time of Walker and Moore's investigations.

Review of the Pinellas County Soil Survey Manuscript maintained online by the National Resources Conservation Service (NRCS) branch of the U.S. Department of Agriculture (USDA) indicates that the project area is comprised entirely of Palm Beach fine sand. Unlike surrounding areas of land that have been artificially embellished by the deposition of fill to accommodate development, the project area consists entirely of native soils. The original plat map dated 1876, shows the project area was initially set further back from the water line, indicating that the land has been cut back to its current location to increase and widen the water access in this area (Figures 3 and 4). While the

probability of encountering preserved prehistoric cultural materials in the project area is low, given its location on native soils and proximity to a previously recorded archaeological site, along with their shared landform characteristics, it cannot be ruled out entirely.

Two historic bridges have been recorded within a half mile of the project area (Figure 2, Table 3). These were built in 1954 and circa 1962 and are still in good condition. The 35th Avenue Intracoastal Bridge (8PI12059) is a bascule movable span bridge, which raises to allow water vessels to pass below it. The Vina Del Mar Bridge (8PI12844) is a concrete stringer/multi-beam bridge. Neither bridge has been evaluated by the SHPO.

Three historic resources listed in or determined eligible for listing in the NRHP are located within 1-mile of the project area: the Don Cesar Hotel (8PI00114), the Don Vista Building (8PI03362), and the Pass-a-Grille Historic District (8PI01696) (Figure 2, Table 4). The Don Cesar Hotel was constructed at 3400 Gulf Blvd. in 1928. After the onset of World War II, it served as a veteran rehabilitation center and, after the war, housed government offices for nearly 25 years. Operation as a hotel resumed in the 1970s and continues to this day. The hotel was listed in the NRHP in 1975. Note that the designated boundaries as provided by the FMSF are incorrect on the accompanying maps; the entire building is designated. Immediately south, the Mediterranean Revival style Don Vista Building at 3300 Gulf Blvd. was determined eligible for listing in the NRHP by the State Historic Preservation Officer (SHPO) in 2018. It was built in 1925 as the home for Don Cesar developer Thomas J. Rowe while the hotel was under construction. After its completion, Rowe moved into the hotel, and his former residence was used for hotel offices and as a bank. It subsequently served as a volunteer fire station and now functions as a community center and museum. This building is also a local historic landmark. Both the Don Cesar Hotel and the Don Vista Building are adjacent or within sight of the proposed improvements on 33rd Avenue.

When the Pass-a-Grille Historic District was originally listed in the NRHP in 1989, the district was comprised of 115 historic buildings, of which 97 were considered contributing. The district extended roughly from 12th Avenue to 4th Avenue with primarily Frame and Masonry Vernacular construction and a period of significance from 1900 to 1922. The district was updated and enlarged in 2003 to include the entire area from 32nd Avenue south to 1st Avenue. The district now incorporates 356 contributing resources and 154 noncontributing buildings with a period of significance extended to 1957. Styles newly identified in the district included Craftsman/Bungalow, Mediterranean Revival, Minimal Traditional, Ranch, Split Level, Colonial Revival, and Tudor Revival. Of the buildings in the district, 125 are within 1-mile of the Don Cesar Boat Ramp Improvement Project, but none are immediately adjacent to the proposed project. A local Pass-a-Grille Overlay District was adopted by the St. Pete Beach City Commission in 1999 and expanded in 2017. Enacted to allow structures that are contributing to the NRHP District to be considered conforming to local development regulations, it encompasses most properties south of 32nd Avenue. The City of St. Pete Beach also has a number of individually listed local landmarks within the district and the surrounding area.

Excluding the eligible and listed buildings and the Pass-a-Grille Historic District, an additional 129 historic structures have been recorded within 1- mile of the project area. These were built generally between 1925 and 1974 in the Craftsman, Frame Vernacular, Masonry Vernacular, Minimal Traditional, Ranch, and Mid-Century Modern styles. The vast majority of these were built in the mid-twentieth century as private residences. These remaining resources were recommended ineligible for the NRHP by the surveyors and the SHPO has not evaluated them.

In the event that there is a need to acquire federal funds or permits before the project can commence, the Florida SHPO may request that a Phase I survey be conducted due to the proximity of NRHP-listed and eligible properties within the potential viewshed and to identify likely impacts to previously unidentified subsurface prehistoric and historic cultural resources. Based on the current study area, there are nine previously recorded resources that may require reevaluation and/or an evaluation of effects (Figure 5). This includes the NRHP-listed Don Cesar (8PI00114) and the NRHP-eligible and locally designated Don Vista Building (8PI03362). The house at 3401 Casablanca Avenue (8PI1272) is a designated local landmark as well. The Pinellas County Property Appraiser also indicates that one additional parcel adjacent to the project area contains a building 50 years or older in age that may need to be recorded

if a Phase I survey is required. The previously recorded and unrecorded resources adjacent to the project area are included in Table 5. The total number of historic structures requiring survey will depend on final viewshed limits.

Please let us know if you have any questions or comments regarding the above desktop assessment. Thank you for the opportunity to help you with this project.

Table 1 Previous Cultural Resource Surveys Conducted within 1- Mile of the Project Area

Survey Number	Title	Year	Consultant	Sponsor
517	An Archaeological Survey of the Pass-a-Grille Beach and Oldsmar USGS Quadrangle Map Areas	1974	Williams, J. Raymond	Pinellas Co Env
1518	Historic and architectural survey, City of St. Petersburg Beach	1987	Cook, Gladys	St Petersburg Beach
1522	An Archaeological Survey of the City of St. Petersburg, Florida	1987	Piper Archaeological Research	City Of St Petersburg
1647	Historical and architectural survey of Pass-A-Grille, Florida	1986	Cook, Gladys	St Petersburg Beach
2827	An Archaeological and Historical Survey of the Unincorporated Areas of Pinellas County, Florida	1991	Austin, Robert J.	Pinellas County Commissioners
8545	Identification and Evaluation of Historic Properties Within the One-Half Mile Area of Potential Effects of Progress Telecom's Existing 140-foot FPC-Indian Key (88204-1) Telecommunications Tower, Pinellas County, Florida	2002	Parker, Brian T.	Dynamic Environmental Associates, Inc.
16115	Countywide Cultural Resources Survey, Pinellas County, Florida	2008	Pinellas County Planning Department	Pinellas County
21738	Pass-A-Grille Historic Sites Survey	2015	Henry, Geoffrey B.	City Of St. Pete Beach
24295	FCC/EBI Project File No. 6117002791, Proposed Small Cell Facility Consisting of New 30-Foot Wood Pole in Right-of-Way, Gulf Blvd and Pinellas Bayway Road, St. Pete Beach, Pinellas County, Florida	2017	Ricks Gomez, Megan	AT&T Mobility LLC. / Latif, Anisa A.
24788	FCC / TCNS #163096. 177850-13846552 / CRAN TP008-13, Proposed New 49 Foot Wood Small Cell Utility Pole, 2802 Pass-a-Grille Way, St. Pete Beach, Pinellas County, Florida EBI Project Number: 6117005530	2017	Ocampo, Gabriel	AT&T Mobility LLC.
25246	Historic Resources Survey Report, Pinellas County Pinellas Suncoast Transit Authority (PSTA) Central Avenue Bus Rapid Transit Project	2018	Ingwersen, Anna	Heather Sobush, Pinellas Suncoast Transit Authority
25403	Pinellas County Bridges Historic Resources Survey	2018	Hinder, Kimberly	Christopher Moore, Pinellas County
27241	Submission Packet, FCC Form 621 for Proposed Rooftop Cellular Collocation Project TA03XC054 / Don Cesar Hotel (8PI00114) 3400 Gulf Blvd., St. Pete Beach, Pinellas County, Florida. EBI Project Number: 61123848	2013	Anderson, Meredith C.	Taini, Anthony

Survey Number	Title	Year	Consultant	Sponsor
27632	Historic Resources Survey of Flood Hazard Areas for Pinellas County (Mid-century 1945-1975)	2021	Linda Stevenson	Pinellas County Planning Division
28258	Historic Resources Survey of Flood Hazard Areas for Pinellas County, Phase 2	2022	Erin (Cleary) Larkin, PhD	Thomas Scofield, AICP, Pinellas County

Table 2 Archaeological Sites Recorded within 1-Mile of the Project Area

Site Number	Name	Type	Culture	Evaluation
8PI00011	Long Key Mound	Prehistoric Burial Mound	Prehistoric	Not Evaluated by SHPO

Table 3 Historic Bridges Recorded within 1- Mile of the Project Area

Site Number	Name	Year Built	Condition	Design	SHPO Evaluation
8PI12059	35th Avenue Intracoastal Bridge	1962	Good	Movable--Bascule	Not Evaluated by SHPO
8PI12844	Vina Del Mar Bridge	c1954	Good	Stringer--Girder Box/Multi Beam	Not Evaluated by SHPO

Table 4 NRHP-listed and determined eligible properties within 1- Mile of the Project Area

Structure Number/Name	Address	Year	Contributing Structures	Noncontributing Structures
8PI00114 / Don Cesar Hotel	3400 Gulf Blvd.	c1928	1	0
8PI01696 / Pass-a-Grille Historic District	Roughly bounded by 12th Ave., Gulf Blvd., 4th Ave., and Gulf Ave.	1900-1922	97	18
8PI03362 / Don Vista Building	3300 Gulf Blvd.	1925	1	0

Table 5 Previously recorded and unrecorded Historic Resources on parcels adjacent to project area. Shaded denotes NRHP-listed, NRHP-eligible, or locally designated.

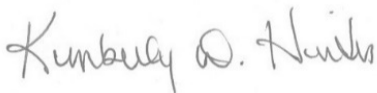
Site Number	Site Name/Address	Date	SHPO Evaluation; Local Landmark Status
unrecorded	3211 Gulf Blvd.	1956	
8PI00114	Don Cesar / 2400 Gulf Blvd.	1928	NRHP Listed
8PI01272	3401 Casablanca Ave.	Not listed	Not Evaluated by SHPO; Local Landmark

Site Number	Site Name/Address	Date	SHPO Evaluation; Local Landmark Status
8PI01282	Bew House / 3210 Gulf Blvd.	1938	Not Evaluated by SHPO
8PI01289	3215 W. Maritana St.	Not listed	Not Evaluated by SHPO
8PI01291	3313 W. Maritana St.	Not listed	Not evaluated by SHPO
8PI02682	3204 Gulf Blvd.	1920	Not evaluated by SHPO
8PI02684	3212 El Centro St.	1925	Not evaluated by SHPO
8PI02685	3214 El Centro St.	1956	Not evaluated by SHPO
8PI03362	Don Vista Building / 3300 Gulf Blvd	1928	NRHP eligible; Local Landmark

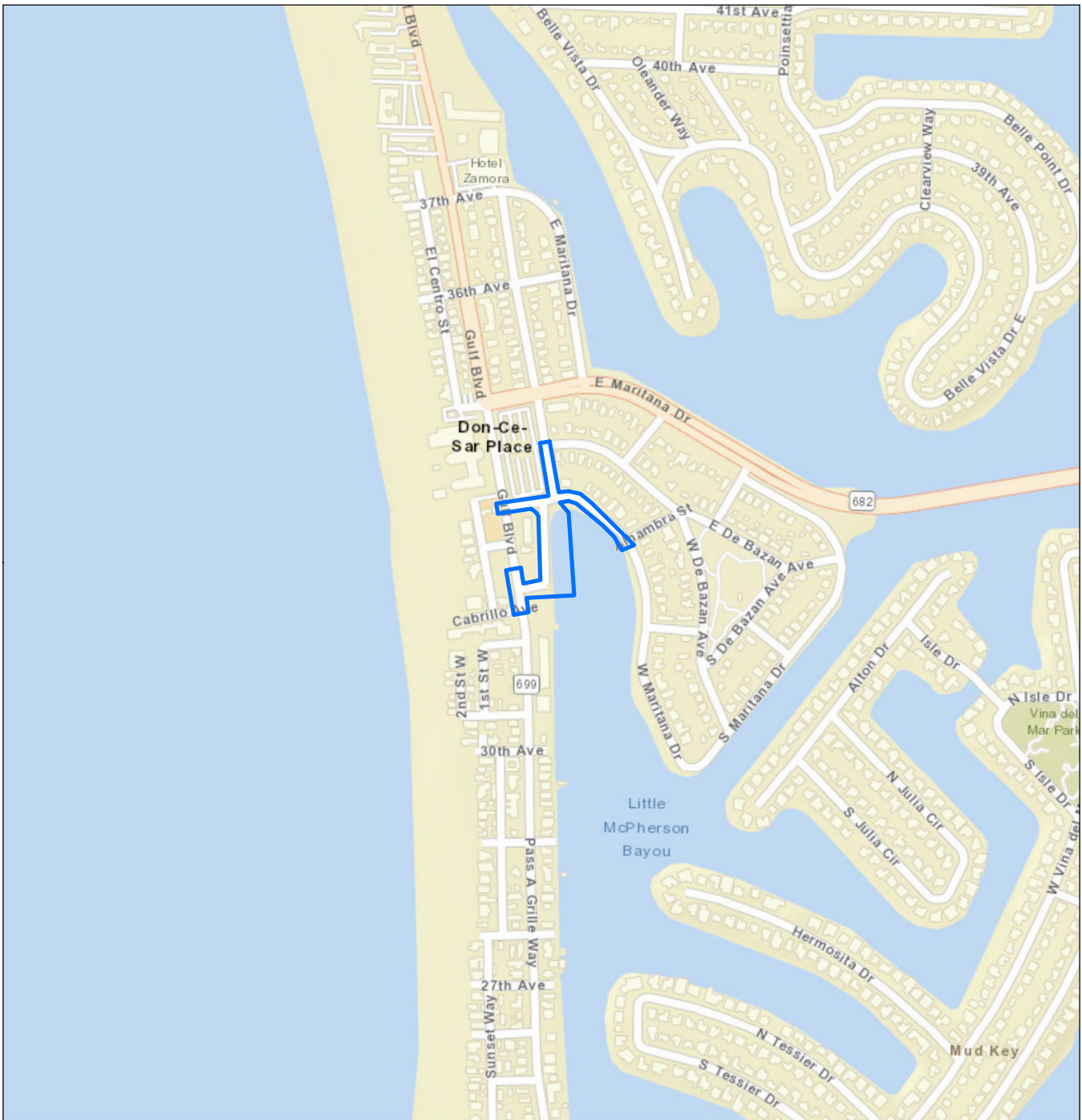
Sincerely,



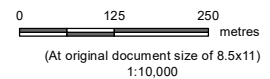
Erin M. McKendry, MA, RPA
Senior Archaeologist
Stantec
Direct Line 813-367-0093
Email: erin.mckendry@stantec.com



Kimberly Hinder, MHP
Senior Architectural Historian
for Stantec
Direct Line 813-367-0969
Email: kimberly.hinder@stantec.com



Legend
 Study area



Project Location
 T32S R16E S07
 Pinellas County, FL

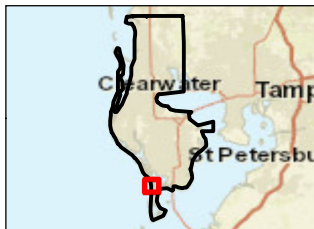
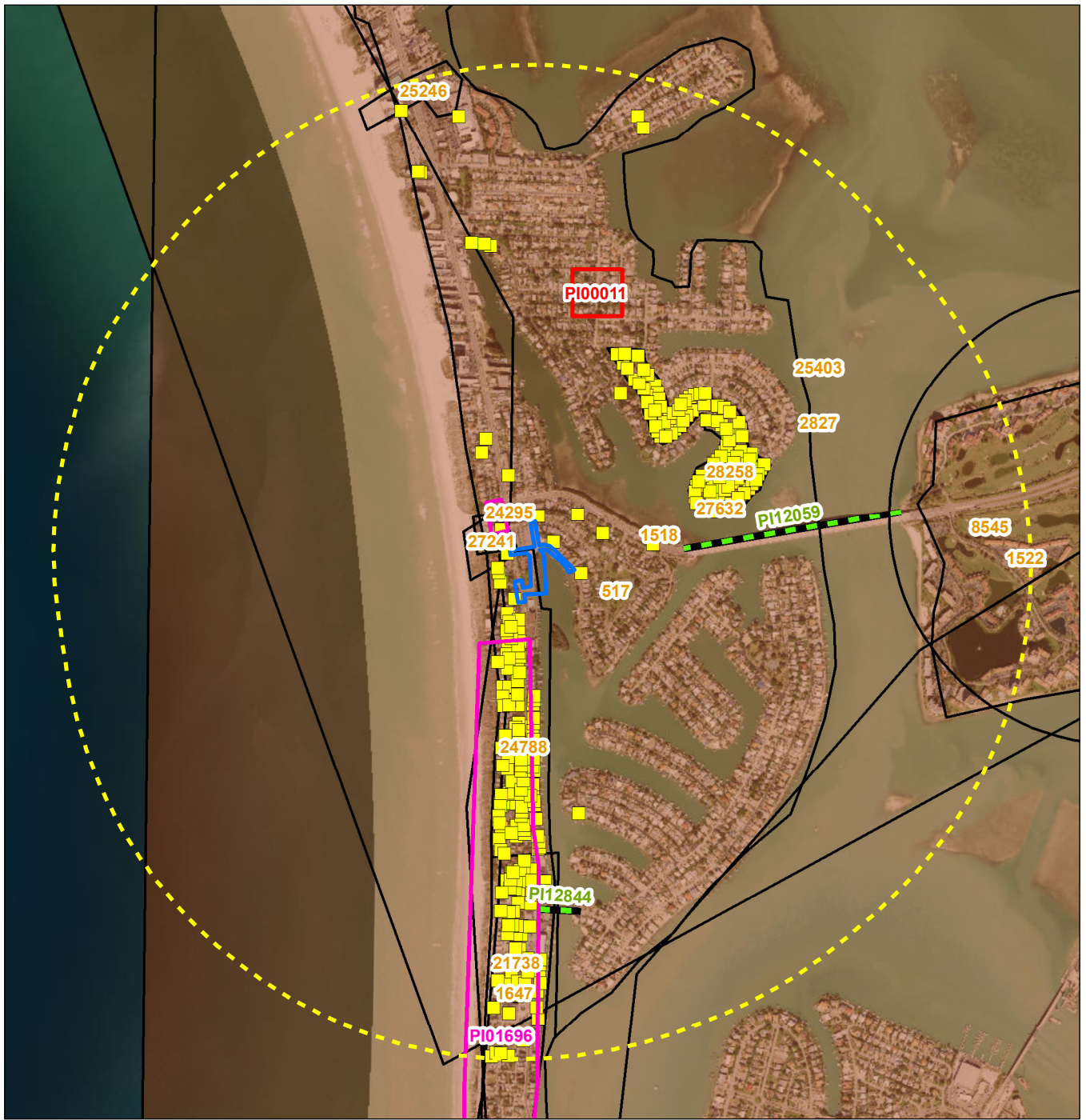
Prepared by EMM on 2023-04-01
 TR by JA on 2023-04-01
 IR Review by JA on 2023-04-01
 215618194

Client/Project
 City of St. Pete Beach
 Don CeSar Boat Ramp Feasibility Study
 Pinellas County, FL

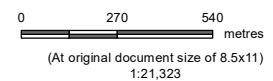
**CULTURAL RESOURCE DATA ARE CONFIDENTIAL
 AND SHOULD NOT BE PUBLICLY DISTRIBUTED**

Location Map

Notes
 1. Coordinate System: NAD 1983 UTM Zone 17N
 2. Data Sources: ESRI, FMSF
 3. Background: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



- Legend**
- Study area
 - 1-mile buffer
 - NR-listed
 - Historic structure
 - Historic bridge
 - Archaeological site
 - Previous survey

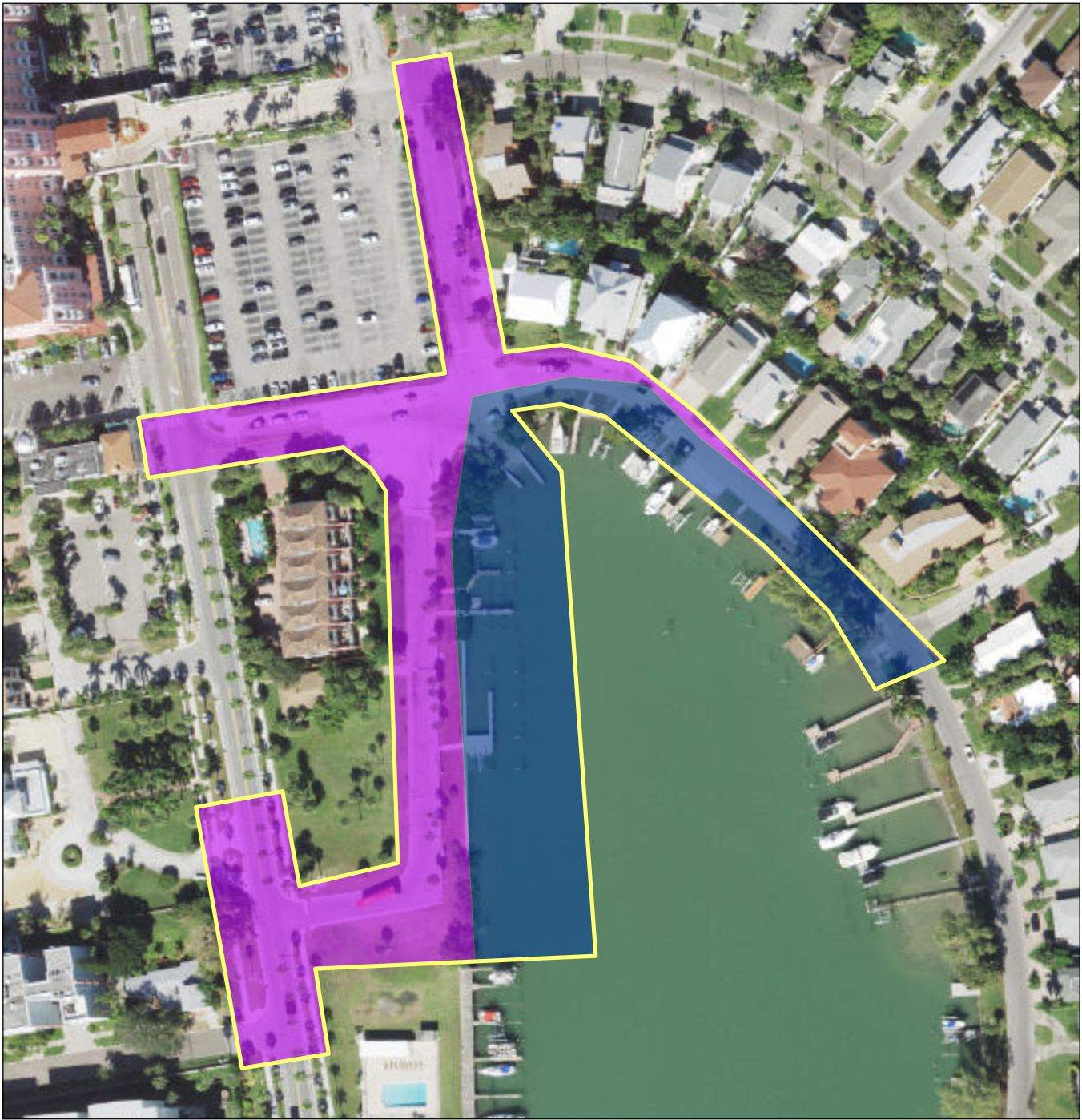


Project Location: T32S R16E S07, Pinellas County, FL
 Prepared by EMM on 2023-04-01
 TR by JA on 2023-04-01
 IR Review by JA on 2023-04-01
 215618194

Client/Project: City of St. Pete Beach
 Don CeSar Boat Ramp Feasibility Study
 Pinellas County, FL

**CULTURAL RESOURCE DATA ARE CONFIDENTIAL
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Notes
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 2. Data Sources: ESRI, FMSF
 3. Background: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
 Source: Esri, Maxar, Earthstar Geographics, and the



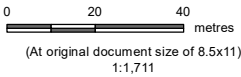
Legend

Study area

Soils

19 - Palm Beach fine sand, 0-8% slopes

100 - Waters of the Gulf of Mexico



Project Location
132S R16E S07
Pinellas County, FL

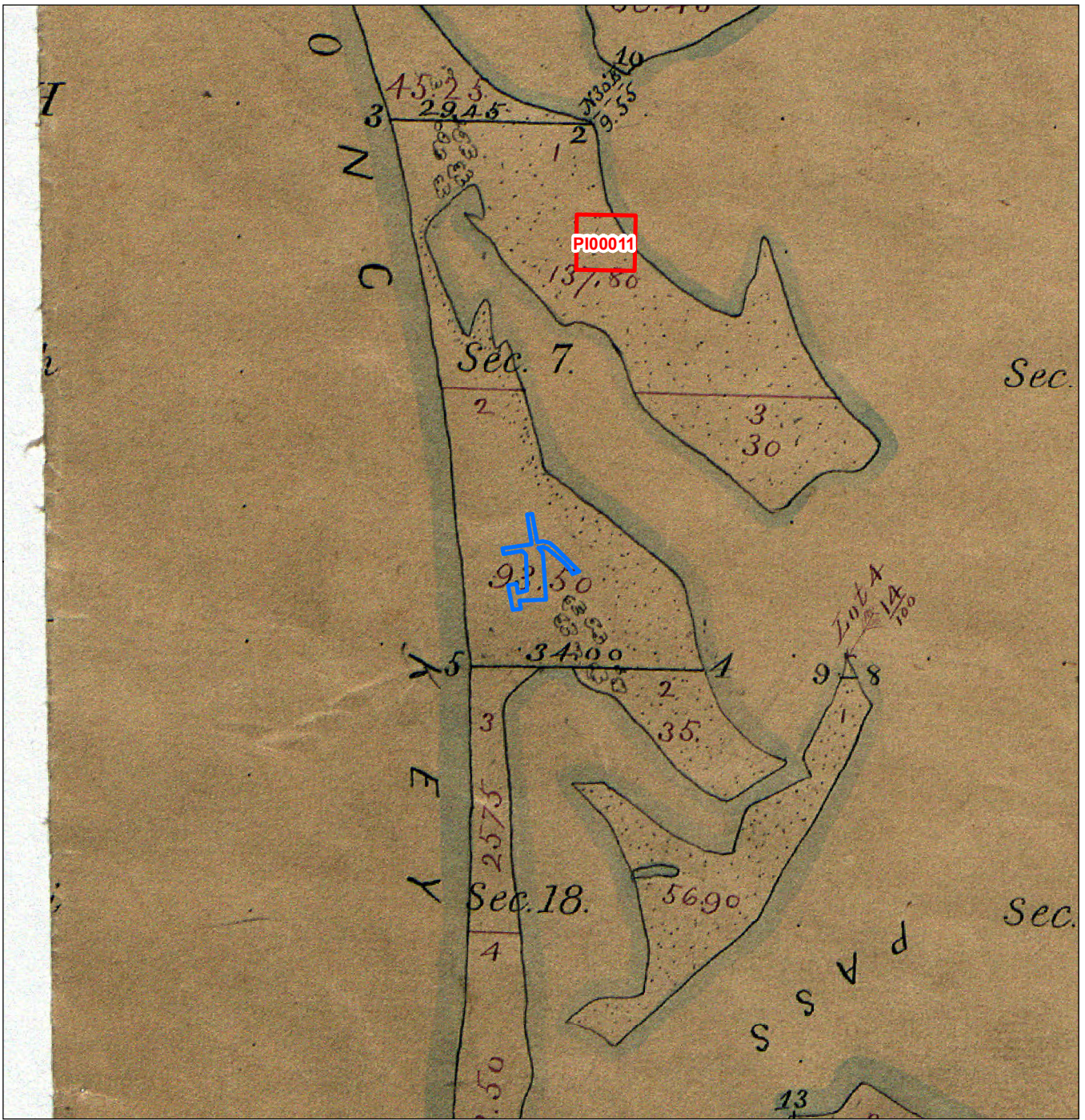
Prepared by EMM on 2023-04-01
TR by JA on 2023-04-01
IR Review by JA on 2023-04-01
215618194

Client/Project
City of St. Pete Beach
Don CeSar Boat Ramp Feasibility Study
Pinellas County, FL

**CULTURAL RESOURCE DATA ARE CONFIDENTIAL
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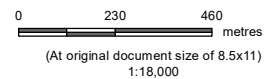
Previous Surveys and Cultural Resources Page 87 of 246

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Data Sources: ESRI, FMSF
3. Background: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, Maxar, Earthstar Geographics, and the



Legend

- Study area
- Archaeological site-general vicinity



Project Location: 1325 R16E S07, Pinellas County, FL
 Prepared by EMM on 2023-04-01
 TR by JA on 2023-04-01
 IR Review by JA on 2023-04-01
 215618194

Client/Project: City of St. Pete Beach
 Don CeSar Boat Ramp Feasibility Study
 Pinellas County, FL

**CULTURAL RESOURCE DATA ARE CONFIDENTIAL
 AND SHOULD NOT BE PUBLICLY DISTRIBUTED**

Notes
 1. Coordinate System: NAD 1983 UTM Zone 17N
 2. Data Sources: ESRI, FMSF
 3. Background: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
 Source: Esri, Maxar, Earthstar Geographics, and the



Legend

- Study area
- NR-listed
- Historic structure

0 30 60 metres
(At original document size of 8.5x11)
1:2,500



Project Location T32S R16E S07 Pinellas County, FL
Prepared by EMM on 2023-04-01
TR by JA on 2023-04-01
IR Review by JA on 2023-04-01

Client/Project City of St. Pete Beach
Don CeSar Boat Ramp Feasibility Study
Pinellas County, FL 215618194

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AND SHOULD NOT BE PUBLICLY DISTRIBUTED**

**Previously Recorded Historic
Structures**

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Data Sources: ESRI, FMSF
3. Background: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community Esri, HERE, Garmin, (c) OpenStreetMap

Appendix B – Pre Application Notes



From: [Menendez, Roger](#)
To: [Burke, Tom](#)
Cc: [Phelps, Keegan](#)
Subject: FW: FDEP Pre-App Don Cesar Boat Ramp
Date: Friday, November 3, 2023 5:11:32 AM
Attachments: [image003.png](#)
[Section A form 62-330.060\(1\).docx](#)
[Section C form.docx](#)
[Section D form.docx](#)

Tom,

Let me know when you want to discuss the Stephaney's comments.

Roger

Roger J. Menendez, CE, AICP
Principal Scientist



Environmental Analysis & Permitting, Inc.

299 Dr. Martin Luther King Jr. St. N.
St Petersburg, Florida 33701
Phone: 727-894-4643
Direct: (727) 503-6864
Cell: (727) 460-5240
www.eapermit.com

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From: Pover, Stefaney <Stefaney.Pover@FloridaDEP.gov>
Sent: Wednesday, September 13, 2023 12:01 PM
To: Menendez, Roger <rmenendez@eapermit.com>
Cc: ananda.bergeron@stantec.com; tom.burke@stantec.com; Phelps, Keegan <kphelps@eapermit.com>; Pover, Stefaney <Stefaney.Pover@FloridaDEP.gov>
Subject: RE: FDEP Pre-App Don Cesar Boat Ramp

Good morning,

It was nice speaking with you the other day. As a follow up I have provided information below on both the proposed options to either repair the existing boat ramp or to construct a new one. The

following information will need to be provided:

-

Regulatory

1. Sections A, C, and D (possibly Section F) Forms 62-330.060(1) F.A.C
2. Amount of dredging, if proposed to occur, in cubic yards (no more than 25 cubic yards for Exempt criteria and no more than 100 cubic yards for General permit criteria)
3. Square footage of associated docks over wetlands or other surface waters (no more than 500 sqft in an Outstanding Florida Water body for both Exempt and General permit criteria)
4. Location of the associated parking area for the proposed boat ramp
5. Benthic survey to assess any submerged aquatic vegetation that may be present
6. How the proposed boat ramps will effect stormwater flow

Proprietary

1. SSL Survey to show riparian lines
2. Documentation of Sufficient Upland Interest
3. Public interest statement
4. Possible 25' Setback waiver for the proposed repair of the boat ramp

You may send the application(s) to SW_ERP@dep.state.fl.us or you can apply online through our [Business Portal](#). Once the application is received you can pay the fee online at DEP Business Portal. <http://www.fldepportal.com/go/>. Associated forms for the application can be found at <https://floridadep.gov/water/submerged-lands-environmental-resources-coordination/content/forms-environmental-resource>

Please let me know if you have any questions or concerns.

Thank you,

Stefaney Pover

Office: 813-470-5775

From: Menendez, Roger <rmenendez@eapermit.com>

Sent: Friday, August 25, 2023 2:26 PM

To: Pover, Stefaney <Stefaney.Pover@FloridaDEP.gov>

Cc: ananda.bergeron@stantec.com; tom.burke@stantec.com; Phelps, Keegan <kphelps@eapermit.com>

Subject: RE: FDEP Pre-App Don Cesar Boat Ramp

Importance: High

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Srefaney,

Yes, will can do September 11th at 1030 am.

Thank you,

Roger

**Application for
Individual and Conceptual Approval
Environmental Resource Permit,
State 404 Program Permit,
and Authorization to Use State-Owned
Submerged Lands**

Florida Department of Environmental Protection/

Water Management Districts

Effective December 22, 2020



Instructions for Use of This Form:

This form is designed to assist you in submitting a complete application. All applications must include Section A- General Information for All Activities. Sections B through H list typical information that is needed based on the proposed activities and are only required as applicable. Part 1-C of Section A will guide you to the correct sections needed based on your proposed activities. Applicants are advised to consult Chapter 62-330, F.A.C., and the Environmental Resource Permit Applicant's Handbook Volumes I and II for information regarding the ERP permitting process and requirements while preparing their application. Internet addresses for Chapter 62-330, F.A.C., and the Applicant's Handbook, Agency contact information, and additional instructions for this form can be found in Attachment 1.

What Sections of the Application Must I Fill Out?

Type of Activity	Section A	Section B	Section C	Section D	Section E	Section F	Section G	Section H	Section I
Fill in wetlands or waters for a single family residence?	Y	Y	N	N	N	N	N	N	Y, if in assumed waters
Docks, shoreline stabilization, seawalls associated with a single family residence?	Y	Y	N	N	N	Y, as needed	N	N	Y, if in assumed waters
Wetland impacts (other than association with an individual residence)?	Y	N	Y	N	N	N	N	N	Y, if in assumed waters
Boating facilities, a marina, jetty, reef, or dredging?	Y	N	Y	Y	N	Y, as needed	N	N	Y, if in assumed waters
Any work on state owned submerged land?	Y	N	Y	N	N	Y	N	N	Y, if in assumed waters
Construction of a stormwater management system?	Y	N	Y, as needed	N	Y	N	N	N	N
Constructing a mitigation bank?	Y	N	Y	N	Y, as needed	N	Y	N	Y, if in assumed waters
Creating a mine?	Y	N	Y, as needed	N	N	N	N	Y	Y, if in assumed waters

If you have any questions, or would like assistance completing this form, please contact the staff of the nearest office of either the Florida Department of Environmental Protection (DEP) or a Water Management District (WMD) (see Attachment 2).

Section A: General Information for All Activities

Part 1: Name, Application Type, Location, and Description of Activity

A. Name of project, including phase if applicable:

B. This is for (check all that apply):

- ☐ Construction and operation of **new** works, activities, and/ or a stormwater management system
- ☐ **Conceptual Approval** of proposed works, activities and/ or a stormwater management system
- ☐ Modification or alteration of **existing** works, activities, and/or a stormwater management system. Provide the existing DEP or WMD permit #, if known: _____ Note: Minor modifications do not require completion of this form, and may instead be requested by letter in accordance with section 6.2 of Applicant's Handbook Volume I.
- ☐ **Maintenance or repair** of works, activities, and/ or a stormwater management system previously permitted by the DEP or WMD. Provide existing permit #, if known: _____
- ☐ Abandonment or removal of works, activities, and/ or a stormwater management system.
Provide existing DEP or WMD permit #, if known: _____
- ☐ Operation of an **existing unpermitted** work, activity, and/or stormwater management system.
- ☐ Construction of additional phases of a permitted work, activity, or system.
Provide the existing DEP or WMD permit #, if known: _____
- ☐ A State 404 Program authorization:
☐ Exemption ☐ General Permit ☐ Individual Permit
If requesting an Exemption or General Permit provide Rule #, if known: _____

☐ **By checking this box**, I hereby voluntarily waive, in accordance with Rule 62-330.090(8), F.A.C., the agency action deadlines in section 5.5.3 of Volume I in the event my project also requires a State 404 Program authorization (other than an exemption) under Chapter 62-331, F.A.C., and request that the agency actions for the ERP and State 404 Program authorizations be issued at the same time. (This is strongly recommended to ensure consistency, and to reduce the potential need for project modifications to resolve inconsistencies that may occur when the agency actions are issued at different times.) If this box is checked and the Agency(ies) determines that no State 404 Program authorization is required, the Agency will continue to abide by section 5.5.3 of Volume I.

C. **List the type of activities proposed. Check all that apply, and provide the supplemental information requested in each of the referenced application sections.** Please also reference Applicant's Handbook Volumes I and II for the type of information that may be needed.

- ☐ Activities associated with one single-family residence, duplex, triplex, or quadruplex that do not qualify for an exemption or a General Permit: **Provide the information requested in Section B. Do not complete Section C.**
- ☐ Activities within wetlands or surface waters, or within 25 feet of a wetland or surface water, (not including the activities associated with an individual single-family residence). Examples include dredging, filling, outfall structures, docks, piers, over-water structures, shoreline stabilization, mitigation, reclamation, and restoration/enhancement. **Provide the information requested in Section C.**
- ☐ Activities within navigable or flowing surface waters such as a multi-slip dock or marina, dry storage facility, dredging, bridge, breakwaters, reefs, or other offshore structures: **In addition to Section C, also provide the information requested in Section D.**
- ☐ Activities that are (or may be) located within, on, or over state-owned submerged lands (See Chapter 18-21, F.A.C. <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=18-21>): **In addition to Section B or C, also provide the information requested in Section F.**
- ☐ Construction or alteration of a stormwater management system serving residential, commercial, transportation, industrial, agricultural, or other land uses, or a solid waste facility (excluding mines that are regulated by DEP). **Provide the information requested in Section E.**
- ☐ Creation or modification of a Mitigation Bank (refer to Chapter 62-342, F.A.C. <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-342>): **Provide the information requested in Section G.**
- ☐ Mines (as defined in Section 2.0 of Applicant's Handbook Volume I) that are regulated by the DEP: **Provide the information requested in Section H.**
- ☐ Other, describe: Please contact the Agency to determine which additional sections of the application are needed. See Attachment 2 for Agency contacts.

D. Describe in general terms the proposed project, system, works, or other activities. For permit modifications, please briefly describe the changes requested to the permit:

E. Project/Activity Street/Road Address or other location (if applicable):

City:

County(ies):

Zip:

Note: For utility, road, or ditch/canal activities, provide a starting and ending point using street names and nearest house numbers or provide length of project in miles along named streets or highways.

F. Project location map and Section, Township, and Range information (use additional sheets if needed):

Please attach a location map showing the location and boundaries of the proposed activity in relation to major intersections or other landmarks. The map should also contain a north arrow and a graphic scale; show Section(s), Township(s), and Range(s); and must be of sufficient detail to allow a person unfamiliar with the site to find it.

Section(s): Township: Range: Land Grant name, if applicable:
Section(s): Township: Range:

1. Section(s): Township: Range:

G. Latitude (DMS) ° ' " Longitude (DMS) ° ' " (Taken from central location of the activity). Explain source for obtaining latitude and longitude (i.e. U.S.G.S. Quadrangle Map, GPS, online resource):

H. Tax Parcel Identification Number(s):

[Number may be obtained from property tax bill or from the county property appraiser's office; if on multiple parcels, provide multiple Tax Parcel Identification Numbers]

I. Directions to Site (from major roads; include distances and landmarks as applicable):

J. Project area or phase area: acres

K. Name of waterbody(ies) (if known) in which activities will occur or into which the system will discharge:

The following questions (M-O) are not applicable to activities related to an individual single-family residence, including a dock, pier, and/or seawall associated with that residence.

L. Is it part of a larger plan of development or sale? ☐ yes ☐ no

M. Impervious or semi-impervious area excluding wetlands and other surface waters (if applicable):

acres or square feet

N. Volume of water the system is capable of impounding (if applicable):

Normal Pool: acre-feet. Depth ft.
Maximum Pool: acre-feet. Depth ft.

Part 2: Supplemental Information, and Permit History

- A. Is this an application to modify an existing Environmental Resource Permit or to construct or implement part of a multi-phase project, such as a project with a Conceptual Approval permit? ☐ Yes ☐ No (If you answered "yes", please provide permit numbers below):

Agency	Date	Permit/Application No.	Project Name

- B. Indicate if there have been any **pre-application meeting(s)** with the DEP, WMD, or delegated local government, or other discussions, meetings, or coordination with other stakeholders or agencies about the proposed project, system or activity. If so, please provide the date(s), location(s) of the meeting, and the name(s) of Agency staff that attended the meeting(s):

Agency	Date	Location	Meeting Attendees

- C. **Attach a depiction (plan and section views), which clearly shows the works or other activities proposed to be constructed.** Use multiple sheets, if necessary, a scale sufficient to show the location and type of works, and include a north arrow and a key to any symbols used. **Specific information to be included in the plans is based on the activities proposed and is further described in Sections B-H.** However, supplemental information may be required based on the specific circumstances or location of the proposed works or other activities.
- D. Processing Fee: **Please submit the application processing fee along with this application form and supplemental information.** Processing fees vary based on the size of the activity, the type of permit applied for, and the reviewing Agency. Please reference Appendix D of Applicant's Handbook Volume I to determine the appropriate fee.

Part 3: Applicant and Associated Parties Information

Instructions: Please complete the following sections. For corporations, list a person who is a registered agent or officer of the corporation who has the legal authority to bind the corporation.

A. Applicant (Entity Must Have Sufficient Real Property Interest)

☐ This is a Contact Person for Additional Information

Last Name:	First Name:	Middle Initial:
Title:	Company:	
Address:		
City:	State:	Zip:
Home Telephone:	Work Telephone:	
Cell Phone:	E-mail Address:	

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

B. Land Owner(S) (If Different or in Addition to Applicant)

☐ Check here if land owner is also a co-applicant

Last Name:	First Name:	Middle Initial:
Title:	Company:	
Address:		
City:	State:	Zip:
Home Telephone:	Work Telephone:	
Cell Phone:	E-mail Address:	

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

C. Operation and Maintenance Entity(see Applicant's Handbook I, Section 12.3)

Last Name:	First Name:	Middle Initial:
Title:	Company:	
Address:		
City:	State:	Zip:
Home Telephone:	Work Telephone:	
Cell Phone:	E-mail Address:	

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

D. Co-Applicant (If Different or In Addition to Applicant and Owner)

Last Name:	First Name:	Middle Initial:
Title:	Company:	
Address:		
City:	State:	Zip:
Home Telephone:	Work Telephone:	
Cell Phone:		
E-mail Address:		

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

E. Registered Professional Consultant

☐ This is a contact person for additional information

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

F. Environmental Consultant

☐ This is a contact person for additional information

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

G. Agent Authorized to Secure Permit (If Different from Consultant)

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

If necessary, please add additional pages for other contacts and property owners related to this project.

H. Real Property Interest

- a. Permits are only issued to entities having sufficient real property interest as described in Section 4.2.3(d) of Applicant's Handbook Volume I. **Please attach evidence of the applicant's real property interest over the land upon which the activities subject to the application will be conducted, including mitigation areas (if applicable).** Refer to Sections 4.2.3(d)-(e) for sufficient real property interest documentation.
- b. For activities that require a recorded notice in accordance with rule 62-330.090(7), F.A.C., please provide either the complete legal description of the property or a copy of the pages of the document recorded in the public records that contains the complete legal description. If the land upon which the proposed activities are to occur is not owned by the applicant, the applicant must also provide copies of any right-of-way, leases, easements, or other legal agreement which authorizes the applicant to perform the activities on those lands.

Part 4: Signatures and Authorization to Access Property

Instructions: For multiple applicants please provide a separate Part 4 for each applicant. For corporations, the application must be signed by a person authorized to bind the corporation. A person who has sufficient real property interest (see Section 4.2.3(d) of Applicant's Handbook Volume I) is required in (B) to authorize access to the property, except when the applicant has the power of eminent domain.

A. By signing this application form, I am applying for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, and that work prior to approval is a violation. I understand that this application and any permit issued or proprietary authorization issued pursuant thereto does not relieve me of any obligation for obtaining any other required federal, state, water management district, or local permit prior to commencement of construction. I agree to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a different responsible operation and maintenance entity. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Typed/Printed Name of Applicant or
Applicant's Authorized Agent

Signature of Applicant or Applicant's
Authorized Agent

Date

(Corporate Title if applicable)

B. Certification of Sufficient Real Property Interest And Authorization For Staff To Access The Property:

I certify that:

☐ **I possess sufficient real property interest in or control, as defined in Section 4.2.3 (d) of Applicant's Handbook Volume I**, over the land upon which the activities described in this application are proposed and I have legal authority to grant permission to access those lands. I hereby grant permission, evidenced by my signature below, for staff of the Agency to access, inspect, and sample the lands and waters of the property as necessary for the review of the proposed works and other activities specified in this application, upon advance notice. I authorize these agents or personnel to enter the property as many times as may be necessary to make such review, inspection, and/ or sampling. Further, if a permit is granted, upon advance notice, I agree to provide entry to the project site for such agents or personnel with proper identification to determine compliance with permit conditions and permitted plans and specifications.

OR

☐ I represent an entity having **the power of eminent domain and condemnation authority**, and I/we shall make appropriate arrangements to enable staff of the Agency to legally access, inspect, and sample the property as described above.

Typed/Printed Name

Signature

Date

(Corporate Title if applicable)

C. Designation of Authorized Agent (If Applicable):

I hereby designate and authorize _____ to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and/or proprietary authorization indicated above and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirements which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S., and 18 U.S.C. Section 1001.

Typed/Printed Name of Applicant

Signature of Applicant

Date

(Corporate Title if applicable)

Section C: Supplemental Information for Works or Other Activities In, On, or Over Wetlands and/or Other Surface Waters

Instructions: **This section is for applications that do not involve activities associated with an individual single-family residence, duplex, triplex, or quadruplex. For those activities, please use Section B.** This form is to be completed if the proposed work or activity will occur in, on, over, or within 25 feet of a wetland or other surface water. The supplemental information required by this section is in addition to the information required by Section A of the application.

Part 1: Wetland or Other Surface Water Impact Summary

1. Describe the basic purpose of the project or activity:
2. Total area of work (dredging, filling, construction, alteration, or removal) in, on, or over wetlands or other surface waters: sq. ft.; ac.
3. Total volume of material to be dredged or filled in wetlands or other surface waters:
 - a. to be dredged: cubic yards,
 - b. to be filled: cubic yards.
4. Identify the seasonal high water level (SHWL) and wetland normal pool elevations for each wetland or surface water within the project site. For tidal wetlands and/or surface waters provide the elevation of mean high and mean low water. Include an aerial photograph showing the location of each sampling location, dates, datum, and methods used to determine these elevations.
5. Name of waterbody(ies) (if applicable & if known) in which work will occur?
6. Is the activity proposed in an Outstanding Florida Water or Aquatic Preserve?
☐ yes, name: ☐ no ☐ I don't know
7. Has there ever been a formal or informal wetland determination for the project site? If yes, provide the identifying number and/or a copy of the jurisdictional map.
8. Provide a map(s) of the project area and vicinity delineating USDA/NRCS soil types.
9. Provide recent aerials legible for photointerpretation (no photocopies) with a scale of 1" = 400 ft, or more detailed, with project boundaries and wetland boundaries delineated on the aerial.
10. Provide maps accurately portraying the existing and proposed natural vegetative community types and land cover classifications using recognized classification schemes. Suggested sources include: the Florida Natural Areas Inventory Guide to the Natural Communities of Florida (2010) available at <http://www.fnai.org/naturalcommguide.cfm>, or the Florida Land Use and Cover Classification System (FLUCCS) (FDOT 1999, available at <http://www.dot.state.fl.us/surveyingandmapping/documentsandpubs/fluccmanual1999.pdf>). For



vegetated areas dominated by exotic vegetation, use the descriptors representative of the native community type that was present prior to exotic infestation.

11. Impact Summary Tables (located at the end of this section):
 - a. For all projects, complete Table 1, 2 and 3 as applicable.
 - b. For shoreline stabilization projects, provide the information requested in Table 4.
12. If the activity is located on state owned submerged lands and requires a lease or easement, provide a list of names and addresses from the latest county tax assessment roll of all property owners located within a 500 ft. radius of the proposed lease or easement boundary in mailing label format, or you may elect to send notice to those persons by certified mail, with the return-receipt card addressed to the DEP or water management district, as applicable, in accordance with subsection 18-21.005(3), F.A.C., and Section 253.115, F.S. Attach additional sheets if necessary.
 1. Name:
Mailing Address:
City, State, Zip Code:
 2. Name:
Mailing Address:
City, State, Zip Code:
 3. Name:
Mailing Address:
City, State, Zip Code:
 4. Name:
Mailing Address:
City, State, Zip Code:
 5. Name:
Mailing Address:
City, State, Zip Code:
 6. Name:
Mailing Address:
City, State, Zip Code:

Part 2: Environmental Considerations

Note: for many questions, a state statute/Applicant's Handbook Volume I (AH I)/State 404 Program Applicant's Handbook section is cited to assist the applicant in addressing these questions.

1. Elimination or Reduction of Impacts (Avoidance and Minimization). Describe measures taken to eliminate or reduce impacts to wetlands and other surface waters (*Refer to AH I Section 10.2.1*).
2. Fish, Wildlife, Listed Species, and their Habitats. Provide results of any wildlife assessments that have been conducted on the project site and provide any comments, biological opinions, formal or informal consultation decisions, or recommended actions you have received pertaining to the project from the Florida Fish and Wildlife Conservation Commission, the U.S. Fish and Wildlife Service, and the National Marine Fisheries Service. (*Refer to AH I Section 10.2.2*).

3. Water quantity impacts to wetlands and other surface waters (*Refer to AH I Section 10.2.2.4 and AH II*).
 - a. Does the activity include a proposed surface water management system with a control elevation different than the wetland normal pool elevation(s) of existing or proposed created wetlands or other surface waters?
 - b. If yes to (a), provide documentation (e.g. drawdown assessment or other methods) that shows the proposed surface water management system will not change the hydroperiod of the existing or created wetland or other surface water.
4. Public Interest Test. Please describe how the proposed activity will **not be contrary** to the public interest, OR if such an activity significantly degrades or is located within an Outstanding Florida Water (OFW), that the regulated activity will be **clearly in** the public interest (*Refer to AH I Section 10.2.3*).
 - a. Please describe how the project will be designed to avoid adverse effects to public health, safety, or the welfare or the property of others.
 - b. Please describe how the project will be designed to avoid adverse effects to the conservation of fish and wildlife, including endangered or threatened species, or their habitats.
 - c. Please describe how the project will be designed to avoid adverse effects to navigation or the flow of water or cause harmful erosion or shoaling.
 - d. Please describe how the project will be designed to avoid adverse effects to the fishing or recreational values or marine productivity in the vicinity of the activity.
 - e. Will the project be of a temporary or permanent nature?
 - f. Please describe how the project will be designed to avoid adverse impacts to significant historical and archaeological resources, under the provisions of section 267.061, F.S.
 - g. Please describe how the project will be designed to avoid adverse effects to the current condition and relative value of functions being performed by areas affected by the proposed regulated activity.
5. Water Quality.
Provide a description of how water quality will be maintained in wetlands and other surface waters that will be preserved or will remain undisturbed, both on and offsite. Please address both short-term (such as during construction) and long-term water quality considerations (*Refer to AH I Section 10.2.4*).
6. Class II Waters; Waters approved for shellfish harvesting (*Refer to AH I Section 10.2.5*).
 - a. Will the project occur in Class II that are NOT approved for shellfish harvesting? If yes, please provide a plan or procedure detailing the measures to be taken to meet the requirements of *AH I Section 10.2.5(a)*.
 - b. Is the project located adjacent to or in close proximity to Class II waters? If yes, please provide a plan or procedure detailing the measures to be taken to meet the requirements of *AH I Section 10.2.5(b)*.

- c. Is the project located in Class II or Class III waters that are classified as “approved”, “restricted”, “conditionally approved”, or “conditionally restricted”? If yes, demonstrate that the project meets the requirements of *AH I Section 10.2.5(c)*.
7. Vertical seawalls. Are vertical seawalls proposed in an estuary or lagoon as part of the project? If yes, please describe how the project meets the requirements of *AH I Section 10.2.6*.
8. Secondary Impacts (*AH I Section 10.2.7*).
 - a. Will an upland buffer, with a minimum width of 15' and an average width of 25', be provided between the proposed activities and existing wetlands or wetlands to be preserved, enhanced, restored, or created? Provide the location and dimension of all buffers on the plans. If not, demonstrate that secondary impacts will not occur or describe how they will be offset.
 - b. If listed species are present or may be present, then coordination with wildlife agencies is needed. Have you coordinated with the FFWCC and/or USFWS? If so, please provide correspondence from the wildlife agencies indicating concurrence with the species management plan(s).
 - c. What measures will be taken to avoid impacts to wetland-dependent wildlife and/or listed species that use uplands for nesting or denning?
 - d. Describe whether there are any other relevant activities that are very closely linked and causally related to any proposed dredging or filling in wetlands or other surface waters that have the potential to cause impacts to significant historical and archaeological resources.
 - e. Are there additional future phases or extensions of the proposed activities that are not shown? If yes, please describe.
9. Cumulative Impacts. Is the proposed mitigation located within the same drainage basin (*Refer to AH I Figures 10.2.8.1 – 10.2.8.5*) as the proposed wetland impacts? If not, please submit a Cumulative Impact Evaluation in accordance with *AH I Section 10.2.8*.
10. Mitigation Plan (*Refer to AH I Section 10.3*).
 - a. If a mitigation bank is proposed to offset wetland/other surface water impacts, provide:
 - i. the name of the bank: . A letter of reservation from the banker will be required once the application has been evaluated.
 - ii. If the mitigation bank was assessed using UMAM, provide UMAM worksheets for impact area(s). If the bank was assessed using a method other than UMAM, then prepare the impact assessment using the same method.
 - b. If mitigation is proposed to offset wetland/other surface water impacts, please provide a mitigation plan that includes, at a minimum, the following:
 - i. ☐ Proposed mitigation narrative:
 - (1) ☐ Describe the current and proposed condition for each type of mitigation component (restoration, enhancement, creation, preservation), including:
 - (a) ☐ Describe current and proposed vegetation

- (b) ☐ Describe current and proposed hydrologic conditions for the proposed mitigation.
 - (c) ☐ Describe the soil types from NRCS maps and confirm if actual soil conditions appear to match.
- (2) ☐ Provide details of the proposed construction/mitigation activities including phasing and timing, as appropriate.
- (3) ☐ Identify measures that will be implemented during and after construction to avoid adverse impacts related to the proposed activities.
- (4) ☐ A mitigation implementation and monitoring schedule with dates.
- (5) ☐ Identify the success criteria.
- (6) ☐ Describe the anticipated site conditions in and around the mitigation area after the mitigation plan is successfully implemented.
- (7) ☐ Provide a comparison of current fish and wildlife habitat to expected habitat after the mitigation plan is successfully implemented.
- ii. ☐ Provide a Management Plan that includes, as appropriate, aspects of operation and maintenance, including water management practices, vegetation establishment, exotic and nuisance species control, fire management, and control of access.
- iii. ☐ Maps:
 - (1) ☐ Soil map (include soil names/codes, hydrologic soil groups and hydric soil types).
 - (2) ☐ Topographic map of the mitigation area and adjacent contributing and receiving areas.
 - (3) ☐ Hydrologic features map of the mitigation area and adjacent contributing and receiving areas.
 - (4) ☐ Vegetative communities map (using FLUCCS or other appropriate classification system).
 - (5) ☐ For all maps, identify source.
- iv. Provide the necessary supporting information for the application of sections 62-345.400 - .600 (Uniform Mitigation Assessment Method (UMAM)). To meet this requirement, submittal of UMAM worksheets is acceptable for impact and mitigation areas.
- v. If onsite and/or offsite applicant-responsible mitigation is proposed, submit a draft Conservation Easement document or other form of restrictive covenant that provides for protection of the mitigation area in perpetuity. Standard forms, as described in subsection 62-330.301(6), F.A.C., are available from the Agency or on its website.
- vi. If onsite and/or offsite applicant-responsible mitigation is proposed, submit a cost estimate for completing the mitigation, including monitoring and maintenance.
- vii. If onsite and/or offsite applicant-responsible mitigation is proposed and the proposed mitigation exceeds \$25,000, please provide a draft financial assurance document. Standard forms, as described in subsection 62-330.301(5), F.A.C., are available from the agency or on its website.
- viii. Identify the entity responsible for monitoring, maintenance, and long-term stewardship of the mitigation area (i.e. the landowner or homeowner association, not the consultant or contractor that will do the work).

Note: If your project is in retained waters, it is highly recommended that you coordinate the design of any mitigation plan that also may be required for the Corps permit to meet the requirements of both permits. Pre-application meetings with both the applicable Agency and the Corps can help you to choose a mitigation option that is acceptable to both the applicable Agency and the Corps.

Part 3: Plans

Plans: The information listed in the checklist below represents the typical information required on the submitted project plans. The Plans checklists in each application section are cumulative unless otherwise noted. Separate plans for each application section are not required.

1. ☐ Include the following on the construction plans and cross sections:
 - a. ☐ An Existing Conditions sheet showing the entire project and wetland/other surface water boundaries. Include the following: Acreage and type (herbaceous, forested or other surface water) of each wetland/other surface water.
 - b. ☐ A Proposed Conditions sheet showing the entire project and wetland/other surface water boundaries with construction plan overlay.
 - c. ☐ A Proposed Wetland Impact sheet that includes the following:
 - i. ☐ Acreage and type (herbaceous, forested, or other surface water) of each wetland/other surface water to be impacted.
 - ii. ☐ Proposed upland buffers with dimensions.
 - iii. ☐ Identify the seasonal high water and wetland normal pool elevations on the plans.
 - d. ☐ Include wetland boundaries on all construction plan sheets.

2. ☐ If onsite and/or offsite applicant-responsible mitigation is proposed, submit mitigation plans and cross sections including, at a minimum:
 - a. ☐ existing conditions plan sheet identifying upland and wetland communities and acreage of each, topography, drainage patterns, and location of cross-section detail.
 - b. ☐ proposed conditions plan sheet identifying proposed improvements by type (restoration, enhancement, creation, preservation), acreage of each, topography, drainage patterns, and location of cross-section detail.
 - c. ☐ monitoring plan sheet including proposed improvements, monitoring transects, photostations, and mitigation signage (if applicable).
 - d. ☐ cross-section and/or profile detail(s) sheet(s) including representative section of each type of mitigation component. Include existing and proposed conditions and representative elevations.
 - e. ☐ planting schedule, plant species including common and scientific names divided into three sections (canopy, shrub, herbaceous) by mitigation component, quantity, spacing, size, and elevation range.

Table 1 - Project Wetland (WI) And Other Surface Water (SW) And Impact Summary

WL & SW ID	UMAM ASSESSMENT AREA NAME(S)	WL & SW TYPE	WL & SW SIZE (acres)	WL & SW NOT IMPACTED (acres)	TEMPORARY WL & SW IMPACT SIZE (acres)	TEMPORARY WL & SW IMPACT TYPE	PERMANENT WL & SW IMPACT SIZE (acres)	PERMANENT WL & SW IMPACT TYPE	MITIGATION ID
PROJECT TOTALS:									

Comments:

Codes (multiple entries per cell not allowed):

- Wetland & Surface Water ID: Include ID on submitted wetland and surface water impact maps
- Wetland Type: from an established wetland classification system
- Impact Type: D=dredge; F=fill; H=change hydrology; S=shading; C=clearing; O=other

Table 2 - Project On-Site Mitigation Summary

MITIGATION ID	UMAM ASSESSMENT AREA NAME(S)	TARGET TYPE	CREATION AREA (acres)	RESTORATION AREA (acres)	ENHANCEMENT AREA (acres)	WETLANDS PRESERVE AREA (acres)	UPLAND PRESERVE AREA (acres)	OTHER AREA (acres)
PROJECT TOTALS:								

COMMENTS:

Codes (multiple entries per cell not allowed):

- Target Type or Type=target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

Table 3 - Project Off-Site Mitigation Summary

MITIGATION ID	UMAM ASSESSMENT AREA NAME(S)	TARGET TYPE	CREATION AREA (acres)	RESTORATION AREA (acres)	ENHANCEMENT AREA (acres)	WETLANDS PRESERVE AREA (acres)	UPLAND PRESERVE AREA (acres)	OTHER AREA (acres)
PROJECT TOTALS:								

COMMENTS:

Codes (multiple entries per cell not allowed):

- Target Type or Type=target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

Table 4 - Shoreline Stabilization

Stabilization	Linear Ft. New	Linear Ft. Replaced	Linear Ft. Repaired	Linear Ft. Removed	Slope H: V:	Toe Width (Ft.)
Natural Vegetation (living shoreline)					N/A	N/A
Rip Rap + Vegetation						
Rip Rap						
Seawall + Rip Rap						
Vertical Seawall						
Other Shoreline Stabilization Type						

Size of Rip Rap

Type of Rip Rap

Section D: Supplemental Information for Works or Activities Within Surface Waters (Other Than a Single-Family Project)

Instructions: This section is to be completed for projects that involve works such as dredging of channels, breakwaters, jetties, shoreline protection structures, reefs, piers, marinas and other docking facilities, bridges, causeways, and other structures or activities within surface waters that involve boating activities or that will, or have the potential to, substantively alter water flow and circulation or affect the bottom profile of open surface waters. This section is not intended for activities associated with individual single-family residential property or activities that are located entirely within wetlands.

This section must be used in conjunction with sections A and C. Activities that occur (or that may occur) on state-owned submerged lands will also require section F. Other sections may also be required, based on the scope of the proposed activities. All items required under this section are in addition to those required under other sections, as applicable.

Part I: General Project Information

Please identify all proposed activities (select all that apply):

- ☐ Pier, dock, wharf, mooring field, marina (including dry storage associated with a boat launch), boat ramp, ski course or other boating-related activity
- ☐ Breakwater, groin, jetty, shoreline stabilization structures, artificial reefs, intake or discharge structures, subaqueous utility lines, or other submerged structures
- ☐ Bridge, causeway, culverted crossing, or other traversing work or structure
- ☐ Dredging (for navigation channels, boat basins, or other purposes) or filling in surface waters
- ☐ Any other structures, works, or other in-water activities

A. Piers, Docks, Boat Ramps, Marinas, Mooring Fields, And Other Boating-Related Activities

☐ Not applicable

1. Please provide a detailed description of the proposed activities and uses of the facility; include a description of the existing activities and uses, if applicable. For example, "reconfigure existing 20-slip multifamily residential docking facility to create a 35-slip commercial marina with boat ramp, 4 temporary mooring areas and a fuel dock":
2. Does the proposed facility, including existing structures and activities, consist *solely* of a pier, observation platform, or other over-water structure that will not accommodate the mooring of vessels or any other boating-related activities?
☐ Yes (Skip to question #8) ☐ No
3. Please describe the types and the maximum size (length and draft) of vessels expected to use or proposed to be mooring at the facility.
4. Please complete the table below. Information provided should concur with that provided on the plans/drawings:



TOTALS:	Existing	Proposed
Square Feet* over the water		
# of wet slips (permanent**)		
# of wet slips (temporary***)		
# of dry slips****		

* Total square footage of all structures (fixed or floating) over wetlands or surface waters

** Slips and other areas designed for overnight or longer-term mooring

*** Short-term mooring areas, such as accessory docks, fuel docks, etc.

**** Includes upland boat storage, such as trailer parking spaces and dry storage racks

5. Is there is at least one foot of clearance at mean low water between the top of all submerged resources (such as seagrass beds, corals, etc.) or the submerged bottom (if such resources are absent) and the deepest draft of any vessels expected to use the proposed facility, along the route(s) of ingress/egress between the proposed facility and a marked navigation channel? *If vessels will not have this clearance, the applicant may be required to provide other assurances that the project will not cause adverse secondary, cumulative and/or water quality impacts.*

☐ Yes, vessels will have at least 1' clearance at MLW ☐ No/I'm not sure

6. Please specify whether the facility will provide:

Liveaboard slips: ☐ Yes; Number: ☐ No

Fueling facilities: ☐ Yes; Number: ☐ No

Sewage pump-outs: ☐ Yes; Number: ☐ No

Other boating-related supplies or services (e.g. boat maintenance or washdown areas, fish cleaning stations, etc.): ☐ Yes; Describe: ☐ No

7. Did you answer "yes" to any item in question #6, above?

☐ Yes; please complete the items below ☐ No; (Skip to question #8)

Please provide a facility management plan to address maintenance and unexpected spills of fuels or other pollutants. This plan should include, at a minimum, the following information, as applicable to the proposed project/activities:

- ☐ An education plan for all employees as it relates to fueling, sewage and gray water pump-out operations, waste management, and facility maintenance;
- ☐ A spill response plan for fuel and oil that clearly identifies spill response procedures, responsible parties and emergency contact telephone numbers, and containment and cleanup equipment;
- ☐ Locations of fuel shut-off valves and (if floating docks are utilized) assurance that if floating docks separate, fuel lines will not continue to discharge fuel into surface waters;
- ☐ Plan for maintenance of gray water collection and return systems;
- ☐ Plan for maintenance of garbage and fish cleaning systems to prevent disposal into wetlands or other surface waters;

8. Please describe the design and type(s) of materials that will be used to construct the proposed facility (check all that apply):

Main pier/access walkways: ☐ Piling-supported ☐ Floating ☐ Wharf/bulkhead

Finger piers (if applicable): ☐ Piling-supported ☐ Floating

Other Structures (please list and describe):

Pilings: ☐ treated wood; type (e.g. CCA, ACQ, etc.), if known:

If pilings will be of treated wood materials, will they be completely wrapped (in sleeves of impermeable PVC, plastic, or similar material) from at least one foot below the mud line to at least one foot above the mean high water line (or seasonal high water line in non-tidal waters)? ☐ Yes ☐ No

☐ concrete/steel ☐ plastic/composite ☐ other

Decking: ☐ wood ☐ plastic/composite ☐ grated ☐ floating docks/other

B. Breakwaters, Jetties, Groins, Artificial Reefs, Intake or Discharge Structures, Subaqueous Utility Lines, or Other Submerged Structures ☐ Not applicable

1. Please describe the nature and purpose of the proposed structure(s). For example, "construct a 200-foot-long, 20 foot wide offshore breakwater to protect a restored living shoreline from waves and boat wakes from the nearby channel":

2. Please describe the design and type(s) of structures that are proposed (check all that apply):

☐ Breakwater (structures generally designed to attenuate wave energy and typically located entirely waterward of, and oriented parallel or oblique to the shoreline)

☐ Jetty or groin (structures generally designed to alter longshore currents or sediment transport, and typically extending waterward from the shore at an angle perpendicular or oblique to the shoreline)

☐ Seawall or revetment (hardened shoreline stabilization structure located along the shoreline)

☐ Artificial reef, fish attractor or similar structure

☐ Submerged intake, outfall, utility line, or similar structure

☐ Other; please describe:

3. Please provide a description of the existing erosional or depositional conditions of at the site, including amounts of natural and artificial shoreline, type(s) of vegetation, rates of erosion/deposition, and supporting documentation, such as surveys, rectified aerials, or other photographs:

4. Please provide a detailed description of all proposed activities that includes, at a minimum, the following information, as applicable:

- a. ☐ Summary of the proposed construction materials, method(s), and equipment (including types and drafts of vessels that will be used)

- b. ☐ Description of proposed turbidity control and monitoring method(s), and other best management practices
 - c. ☐ Description of any proposed measures for the protection of listed species and their habitats
5. Please describe how the project will be designed and constructed in a manner that will not cause adverse effects to navigation. Include the following, as applicable:
- a. ☐ Descriptions vessels (if any) customarily using the water body in the vicinity of the project, including representative types (e.g. sail, motor, etc.), sizes (length, width, draft), and use (e.g. recreational, commercial, military, etc.)
 - b. ☐ Scaled and dimensioned drawings or aerial photographs depicting the proposed structures or activities in relation to existing structures and navigation channels, or other documents that provide assurance that the project will not unreasonably infringe upon local navigation
 - c. ☐ The minimum navigation clearance at mean low water for all proposed submerged structures
 - d. ☐ Proposed navigational safety features (advisory signs, lighting, etc.) for structures
 - e. ☐ If structures are proposed within 100 feet of any navigation channel or shipping fairway, provide an assessment of the navigational safety requirements or recommendations for the proposed project from the U.S. Coast Guard, if available

C. Bridge, Causeway, Culvert, Traversing Work, or Structure ☐ Not applicable

1. Please describe the nature and purpose of the proposed structure(s), works, or activities. *For example, "construct a 30-foot-wide, piling-supported bridge to support a 2-lane road".*
2. Will the proposed structure(s) support or accommodate motorized vehicular traffic?
☐ Yes ☐ No (for pedestrian or non-motorized traffic, only)
3. Please describe the design and type(s) of structures that are proposed (check all that apply):
 - ☐ free-spanning bridge (i.e. with no supporting structures in wetlands or surface waters)
 - ☐ piling-supported (or trestle) bridge
 - ☐ causeway
 - ☐ culverted crossing
 - ☐ other traversing work or structure; please describe:

Pilings/supports:

- ☐ Not applicable
- ☐ treated wood; type (e.g. CCA, ACQ, etc.), if known:
- ☐ concrete/steel ☐ other

If pilings will be of treated wood materials, will they be completely wrapped (in sleeves of impermeable PVC, plastic, or similar material) from at least one foot below the mud line to at least one foot above the mean high water line (or seasonal high water line in non-tidal waters)?

☐ Yes ☐ No

Surface:

☐ pavement (concrete or asphalt) ☐ grated ☐ wood ☐ other

If the roadway will support motorized vehicular traffic, please provide a detailed description of how stormwater and other potential sources of runoff and pollution will be managed. Include supporting calculations, figures, or other documents, prepared by a Florida-registered professional, if applicable: ☐ Not applicable

Fill and design:

☐ Earthen fill; please describe type, specifications, and source (if known):

☐ Riprap or other armored revetment; please describe type, specifications, and source (if known) of proposed materials:

☐ Vegetated shoreline; please describe species, sizes, planting spacing (on-center) and elevations (relative to mean or ordinary high and low water), application methods, and source (if known), as applicable, of all proposed plants, sod, or seed:

Culverts:

☐ Box ☐ round/elliptical ☐ other

☐ Please describe, in detail, the number, type, and dimensions of all proposed culverts:

Other works or structures:

☐ Please describe, in detail, the purpose, design, and dimensions of all other proposed traversing work or structures:

4. Please provide a detailed description of the proposed construction activities that includes, at a minimum, the following information, as applicable:

- a. ☐ Summary of the proposed construction method(s) and equipment, including types of vessels or vehicles
- b. ☐ A detailed plan for all proposed turbidity control and monitoring method(s), at all dredging or filling locations, and at proposed spoil offloading, disposal, or dewatering locations
- c. ☐ Description of any proposed measures for the protection of listed species and their habitats, including statements of whether all work will be limited exclusively to daylight hours
- d. ☐ For causeways, culverts, and traversing works, a description of construction methods and sequencing that ensures that construction of the proposed project will not impound waters, cause flooding, or cause adverse impacts to wetlands or surface waters, including surface water flows or levels

5. Please describe how the project will be designed and constructed to avoid adverse effects to navigation. Include the following, as applicable:

- a. ☐ Descriptions of representative types of vessels (if any) customarily using the water body in the vicinity of the project, including
- b. ☐ Scaled and dimensioned drawings or aerial photographs depicting the proposed structures or activities in relation to existing structures and navigation channels, or other documents that provide assurance that the project will not unreasonably infringe upon local navigation

- c. ☐ The minimum navigational clearance beneath the proposed structure(s), at mean (or ordinary) high water
- d. ☐ The minimum navigational clearance, at mean low water for all proposed submerged structures (if applicable)
- e. ☐ If within 100 feet of a federally maintained or regulated navigation channel or shipping fairway, an assessment of the navigational safety requirements or recommendations (advisory signs, lighting, etc.) for the proposed project from the U.S. Coast Guard

D. Dredging (For Navigation Basins, Channels, Or Other Purposes) and/or Filling ☐ Not applicable

1. Please describe the nature and purpose of the proposed dredging or filling activities. For example, "dredge a 1,000 foot long, 50 foot wide navigation channel to a depth of six feet mean low water, to serve a commercial marina":
2. Please provide a detailed description of all proposed dredging and filling activities that includes, at a minimum, the following information, as applicable:
 - a. ☐ Summary of the proposed dredging and filling method(s) (e.g. clamshell, hydraulic, etc.) and equipment, including types of vessels
 - b. ☐ A detailed plan for all proposed turbidity control and monitoring method(s) at all dredging or filling locations, and at proposed spoil offloading, disposal, or dewatering locations
 - c. ☐ Description of any proposed measures for the protection of listed species and their habitats, including statements of whether all work will be limited exclusively to daylight hours
3. Please describe how the project will be designed and constructed to avoid adverse effects to navigation. Include the following, as applicable:
 - a. ☐ Descriptions of representative types of vessels (if any) customarily using the water body in the vicinity of the project, including
 - b. ☐ Scaled and dimensioned drawings or aerial photographs depicting the proposed structures or activities in relation to existing structures and navigation channels, or other documents that provide assurance that the project will not unreasonably infringe upon local navigation
 - c. ☐ A description of construction methods and sequencing that ensures that the proposed project will not obstruct local navigation during construction
 - d. ☐ If within 100 feet of a federally maintained or regulated navigation channel or shipping fairway, an assessment of the navigational safety requirements or recommendations (advisory signs, lighting, etc.) for the proposed project from the U.S. Coast Guard
 - e. ☐ For projects that include in-water filling of submerged lands, the minimum navigation clearance at mean low water for all proposed fill areas (if applicable)
4. For dredging projects, please describe how dredged spoil material will be managed and disposed. At a minimum, this description should include:
 - a. ☐ Grain size distribution and silt/clay content percentage of the material proposed to be dredged (the reviewing agency may require additional sediment testing, based upon the percentage of silt/clay sediments)
 - b. ☐ Proposed dredging, pumping, and outfall design, including turbidity containment, pipe hydraulic specifications and spillway placement and hydraulic design

- c. ☐ Calculations regarding the spoil area volume requirements including bulking factors, surface overflow rate, settling times, freeboard, etc.
- d. ☐ Description of how spoil material will be ultimately disposed of, including proposed stabilization methods and post-closure storm retention/detention capacity
- e. ☐ If flocculents, coagulants, or other additives are proposed (to aid with dewatering or settling), provide the names, descriptions, Material Safety Data Sheets, proposed application rates, and ecotoxicity data and testing methods for all such additives

Part II: Hydrographic Information

The following information is necessary to determine whether the proposed activities may cause or contribute to a violation of state water quality standards. This information is required for activities or facilities that may either add pollutants to, or result in an adverse change to the patterns of flow, circulation, erosion, deposition, or littoral transport of a waterbody. Additional information may be required, such as water and sediment testing data, tidal conditions, tidal current measurements, bathymetric surveys, and simulations of hydrodynamic conditions and water quality, to fully assess the potential adverse impacts associated with your project. Please complete and provide all items as appropriate for your proposed project. Failure to do so may delay the processing of your application.

1. **Complete item 1. only if you are not providing additional information under Part II, with your application.** *Selecting options here does not relieve you of the need to submit information at a later time, if necessary to fully assess the potential adverse environmental impacts associated with your project.* I certify that, (check as appropriate for your project):

- ☐ I have been informed by the reviewing agency, during a pre-application meeting or conference, that hydrographic information, testing, and/or hydrographic analysis will not be required for my project. *Please identify the date and location of the meeting and the agency staff members who participated.*
- ☐ My project consists solely of the modification, construction, or operation of a docking facility that will accommodate the mooring of fewer than 10 vessels, including dry storage, when associated with a boat ramp or launch, **AND I have not been previously informed by the reviewing agency that hydrographic information will be required.**
- ☐ I am submitting a certification from a Florida-registered professional clearly stating that, due to the design, nature, and/or location of the proposed structures, works, or other activities, that the project does not have the potential to add pollutants to, or result in an adverse change to, the patterns of flow, circulation, erosion, deposition, or littoral transport of a waterbody; **AND I have not been previously informed by the reviewing agency that hydrographic information will be required.** *A copy of the Florida-registered professional's certification must be included with this application.*

If none of the above apply, please provide all applicable items listed in items 2. through 7., below, based on the specific works or activities proposed for construction, alteration, maintenance, abandonment, or removal, as part of your project. In addition, a hydrographic report (including complete hydrodynamics and water quality analysis) may be necessary based upon the particulars of your project.

2. All structures or works

- a. ☐ Existing water body bathymetry and shoreline topography, if applicable

- b. ☐ Structural details for the proposed structure(s)
 - c. ☐ Sediment grain size distribution and silt/clay content percentage within project area and adjacent areas
 - d. ☐ For activities in tidal waters, mean high and low water elevations, range, and periodicity
3. Piers, docks, wharves, marinas, mooring fields, and other boating-related activities (refer to Applicant's Handbook, Volume I, s. 10.2.4) ☐ Not applicable
- a. ☐ Details of existing and proposed systems including all dimensions (length, width, depth), location of junctions, connections to open waters, and dead-end(s), if applicable.
 - b. ☐ Site-specific characteristics of the wind field
 - c. ☐ For tidal systems, provide the longest path length, phase lag, and the flow amplitude (at mid-tide) between the head or center of the system to open waters
 - d. ☐ For non-tidal systems, provide the water surface elevation difference between the head (or center) and mouth of the system, and provide representative flow conditions at selected locations
 - e. ☐ Estimate the time needed to reduce the concentration of a hypothetical conservative pollutant, placed at the head of the system, to ten percent (10%) of initial
 - f. ☐ Verify (e.g. by using a tracer dye) the model(s) used to determine the advective/dispersive characteristics of the system. Provide a concentration gradient map depicting the size, distance of travel, and time of dispersion to the 10% concentration isopleth
4. Breakwaters, groins, jetties, seawalls, and revetments ☐ Not applicable
- a. ☐ Monthly averaged wave height, direction, and period for the project area shoreline
 - b. ☐ Wind data (direction and velocity) for project area
 - c. ☐ Estimate the mean annual and mean monthly littoral drift direction and volume
 - d. ☐ Existing structures within the zone of influence of proposed structures
 - e. ☐ Existing shoreline topography – dune crest to offshore bar break
 - f. ☐ Estimated changes in littoral transport, erosion, and deposition rates and patterns due to the proposed structures
5. Bridges, causeways, and culverts ☐ Not applicable
- a. ☐ For tidal waters, the maximum, minimum, and mean flow volumes and amplitudes, at ebb and flood tide
 - b. ☐ For non-tidal waters, the maximum, minimum, and mean flow volume and amplitude and mean range and periodicity of the water level variation
 - c. ☐ Existing circulation patterns in the waterway at the location of the proposed structure
 - d. ☐ Culvert or channel dimensions, cross-sectional area, and invert elevations
 - e. ☐ Maximum design discharge, and change in flow due to change in culvert or channel cross-section, if applicable
 - f. ☐ Drainage basin map and backwater calculations for area served by culvert, if applicable
 - g. ☐ Existing and proposed flow cross-sections and volumes at high and low water, for specified storm (flood) events, if applicable
6. Basins, channels, residential canals, and canal networks ☐ Not applicable
- a. ☐ Maximum and mean tidal flow rates for ebb and flood along the channel
 - b. ☐ Baseline bathymetry for the existing channel and adjacent areas

- c. ☐ Detailed descriptions of all areas of erosion and deposition, including existing deeps that can result in debris traps and zones of stratified water

7. Outfalls and intakes ☐ Not applicable

- a. ☐ Design maximum and normal operational flows for the outfall/intake and criteria used
b. ☐ Dimensions and invert elevations for the proposed structures
c. ☐ Details of the construction at the shoreline/waterline intercept

Part III: Plans

Provide plan and section view drawings that clearly show the facility, structure, or other works to be constructed, as applicable for the proposed project. Drawings must be signed and sealed by a Florida-registered professional, and must be of a scale sufficient to show the location and dimensions of all works. Use multiple sheets, if necessary. This information is **in addition to** that required under Section C (and others, if applicable) of the application.

1. All structures

Plan-view drawings should include the following, as applicable to the proposed activity:

- a. ☐ The location and orientation of all corresponding section, profile, and detail drawings
b. ☐ Location of the riparian upland parcel or property boundary lines, if applicable
c. ☐ Mean high water line (MHWL), ordinary high water line (OHWL), or safe upland line (SUL)
d. ☐ Complete dimensions (length, width, height) of all structures, works, or other activities in, on, or over wetlands or surface waters, including existing structures within 100 feet of the proposed facility
e. ☐ Separate and label square footage of structure over wetlands, open water, and uplands
f. ☐ Existing and proposed water depths throughout project area – isobaths or spot elevations must be clearly labeled with depths depicted in relation to mean low water (MLW), controlled water elevation (in non-tidal waters where the water is fairly controlled), mean annual low water (in other non-tidal waters), or an established vertical datum
g. ☐ Show proposed turbidity, erosion, and sedimentation control locations

Section- and profile-view drawings should include the following, as applicable to the proposed activity:

- a. ☐ Complete dimensions of all proposed structures, including elevation above mean high water or ordinary high water (as applicable)
b. ☐ Water depth at mooring sites (mean low water, ordinary low water, or seasonal low water)
c. ☐ In tidal areas – approximate tidal range

2. Piers, docks, marinas, boat ramps, and other docking or boating-related facilities ☐ Not applicable

Plan-view drawings should include the following, as applicable to the proposed activity:

- a. ☐ Show and label width of deck planks and plank spacing, or if grated decking is to be used, provide technical specifications

- b. ☐ Show the locations of all proposed sewage pumpouts, fuel pumps, and spill cleanup equipment
- c. ☐ Show the locations of all proposed informational signage (manatee awareness, fueling safety, etc.)
- d. ☐ Number each slip
- e. ☐ Width of waterway and the location of the navigation channel and water depths (in relation to MLW) and distance along the most direct route(s) between the facility and the nearest marked navigation channel(s)

Section- and profile-view drawings should include the following, as applicable to the proposed activity:

- a. ☐ Elevation of the structure above MHWL (tidal waters) or OHWL (non-tidal waters), and water depth at mooring sites and the bottom of the boat ramp (if applicable)
- b. ☐ Structural details of all proposed pilings, anchors, moorings, buoys, and similar structures

3. Basins, channels, and other dredging and/or filling works or activities ☐ Not applicable

Plan-view drawings should include the following:

- a. ☐ The location, boundaries, and water depths (in relation to MLW) of all nearby navigation channels
- b. ☐ The locations and detail drawings of all proposed navigational safety markers (signs, lights, etc.) for the structure(s)
- c. ☐ The location, dimensions, and engineering specifications (including BMPs) for all proposed dredged material offloading, management, and disposal sites, if applicable

Section- and profile-view drawings should include the following, as applicable to the proposed activity:

- a. ☐ Representative section and/or profile views of all proposed structures that clearly show the existing and proposed depths, widths, and side slopes of all dredge and fill areas in relation to MHWL and MLWL (tidal waters), OHWL (non-tidal waters), and the submerged bottom, at representative locations

4. Groins, jetties, seawalls, revetments, and artificial reefs ☐ Not applicable

Plan-view drawings should include the following:

- a. ☐ The location and water depths (in relation to MLW) of all nearby navigation channels
- b. ☐ The locations and detail drawings of all proposed navigational safety markers (signs, lights, etc.) for the structure(s)

Section- and profile-view drawings should include the following, as applicable to the proposed activity:

- a. ☐ Representative section and/or profile views of all proposed structures that clearly show the height, width and side slopes of each structure in relation to MHWL and MLWL (tidal waters), OHWL (non-tidal waters), and the submerged bottom, at representative locations

5. Bridges, causeways, culverted crossings, and other traversing works or structures ☐ Not applicable

Plan-view drawings should include the following, as applicable to the proposed activity:

- a. ☐ Width of waterway and the location, orientation, and water depths (in relation to MLW) of the navigation channel (if applicable)
- b. ☐ Dimensions and technical specifications of the road, decking, or other surface, including drainage features, if applicable

Section- and profile-view drawings should include the following, as applicable to the proposed activity:

- a. ☐ Elevation of the structure above MHWL (tidal waters) or OHWL (non-tidal waters)
- b. ☐ Representative sections through the culvert or channel

Appendix C – Concept Plans and Renderings



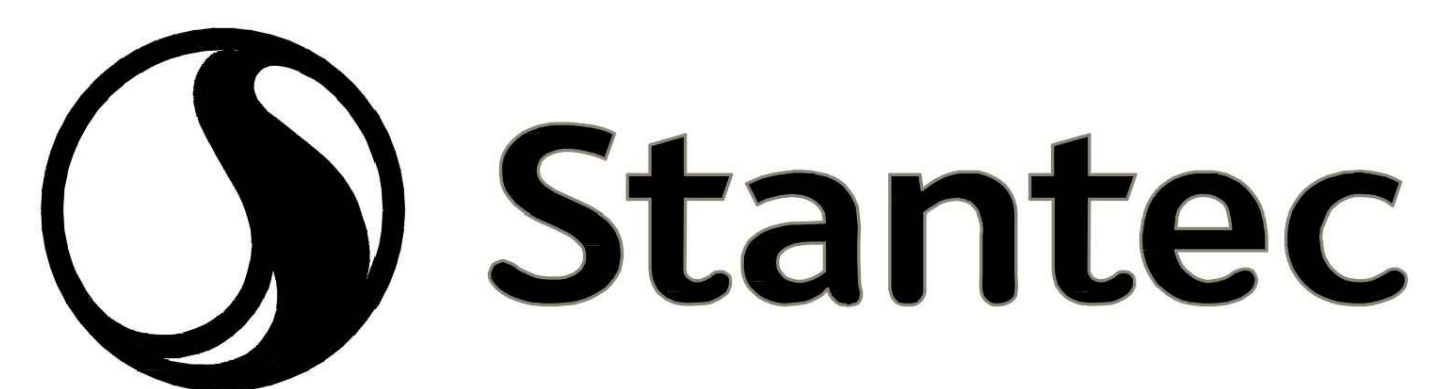


FIGURE 2
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
CONCEPT SITE PLAN ALTERNATIVE #1

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements. Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.



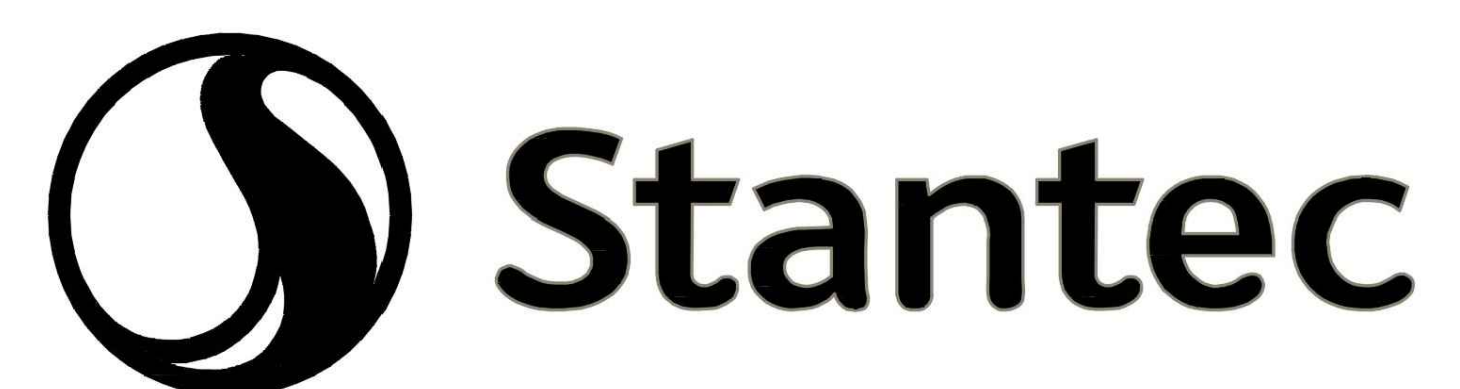
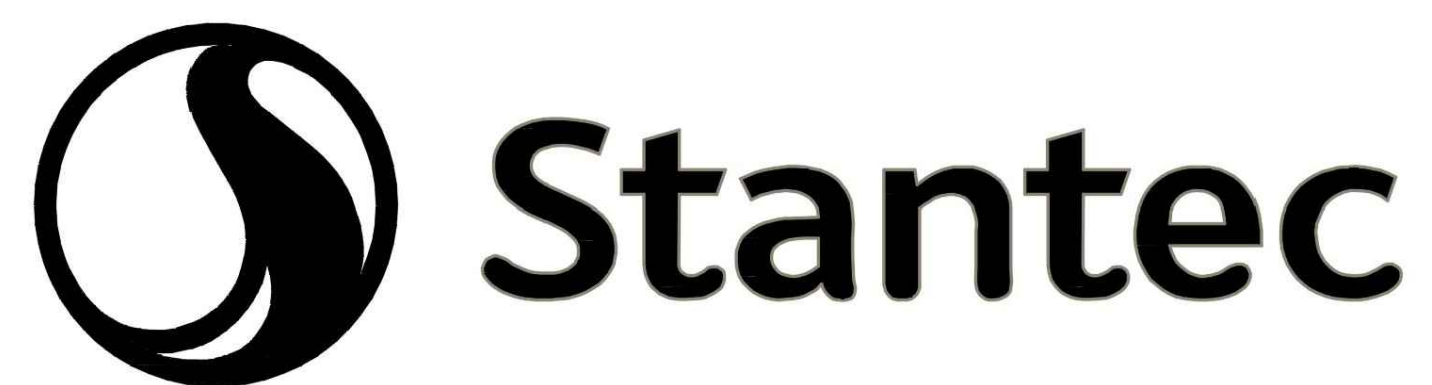
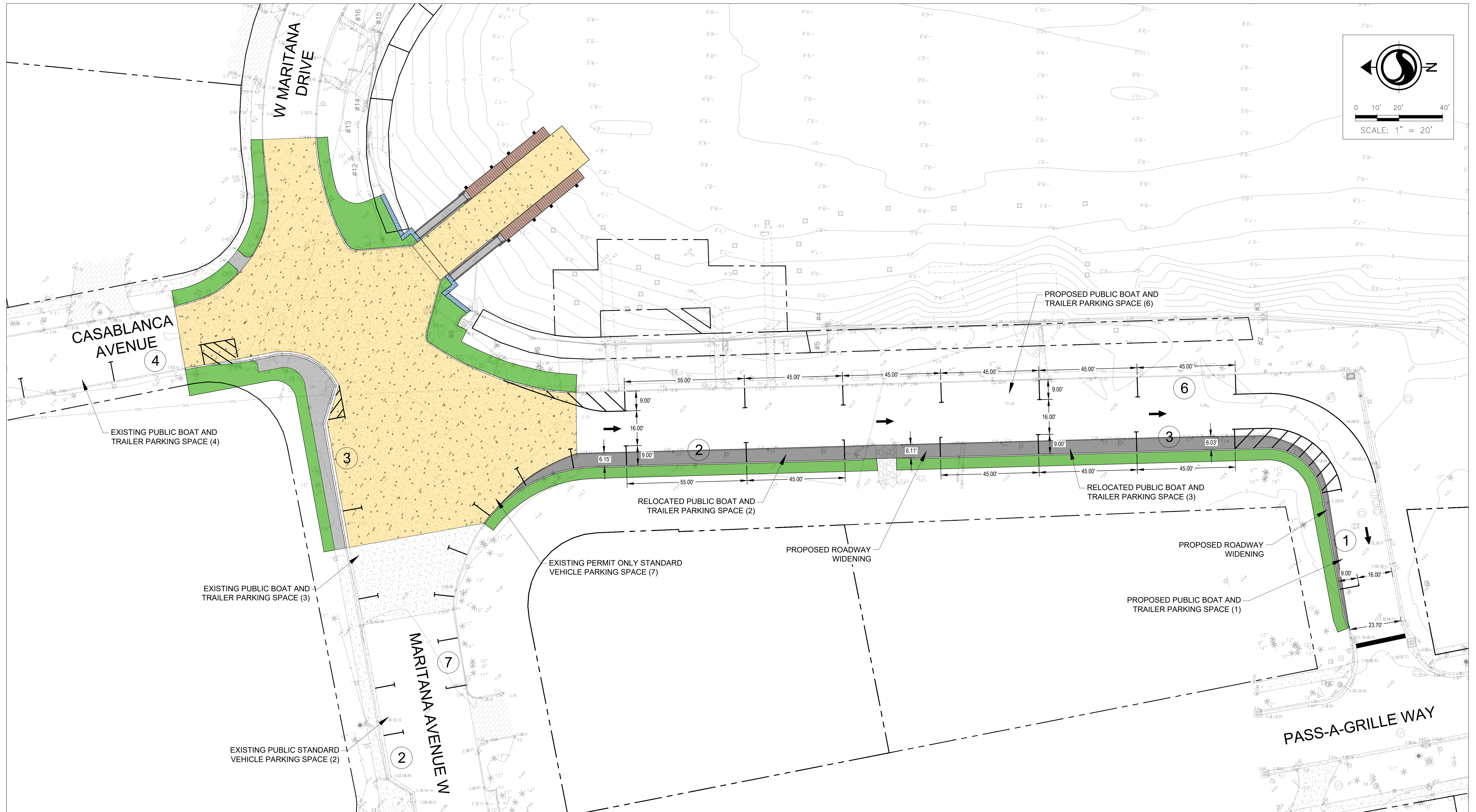
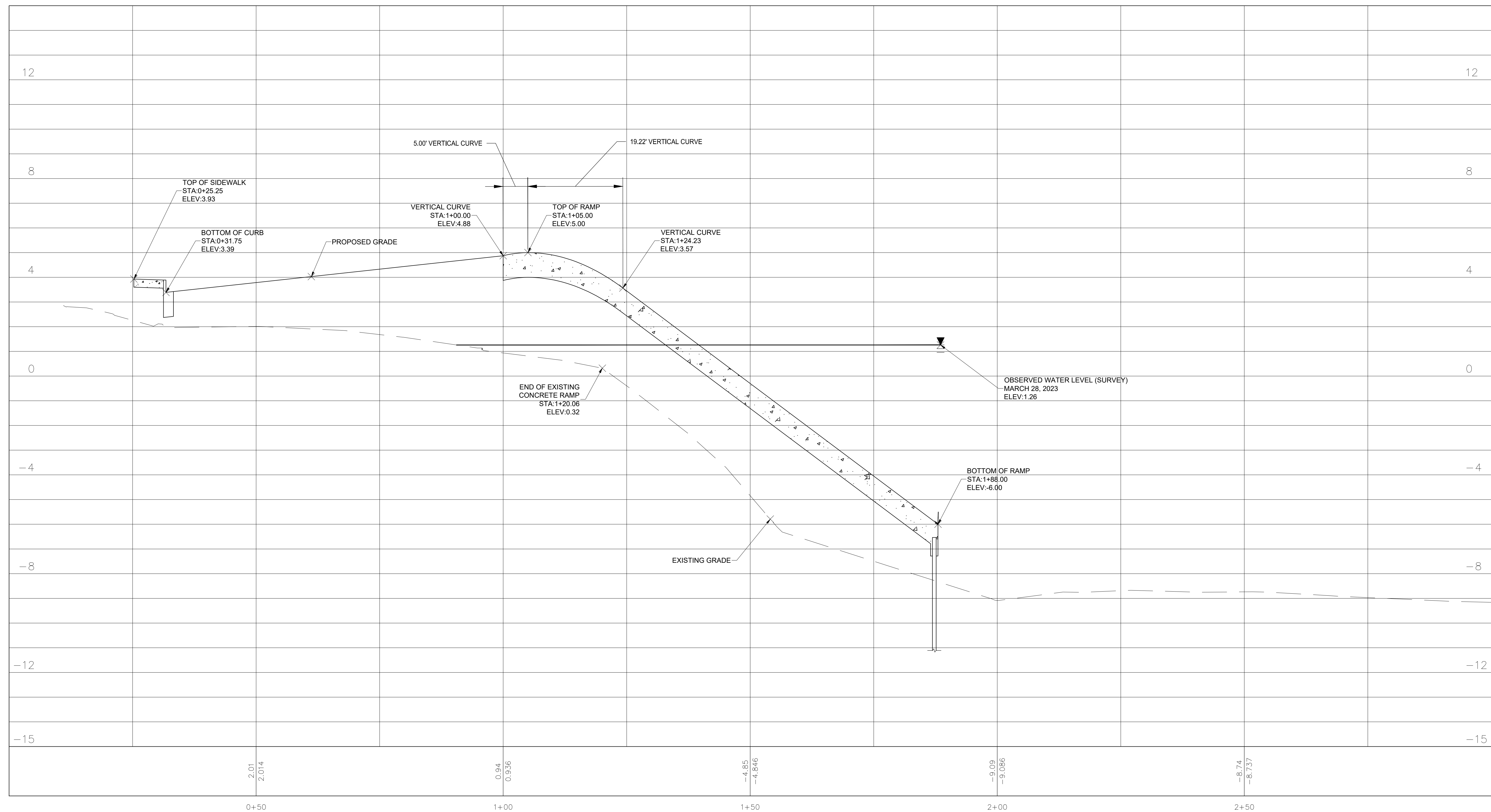


FIGURE 2A
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
RENDERED CONCEPT SITE PLAN ALTERNATIVE #1

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements.
 Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.







CROSS SECTION 'A-A'

HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 2'

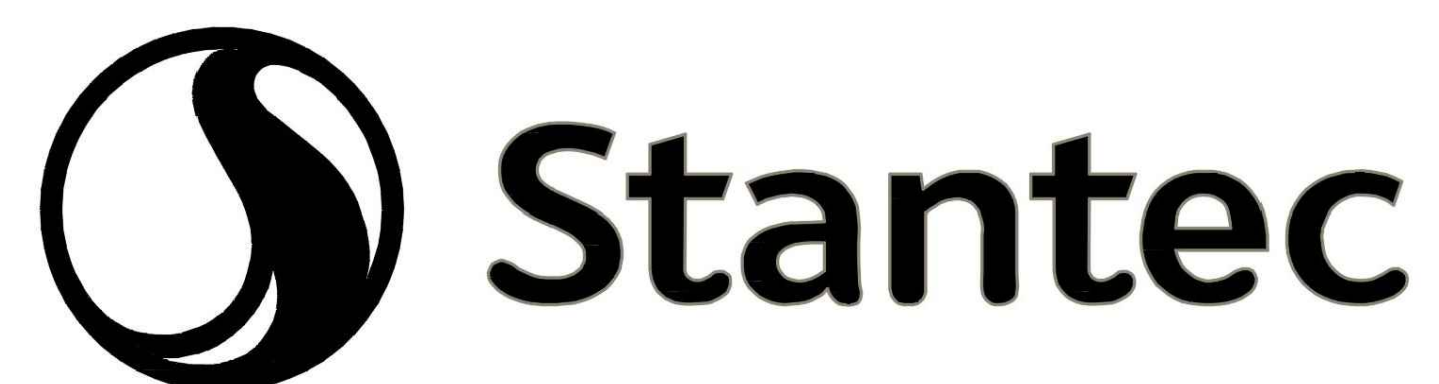
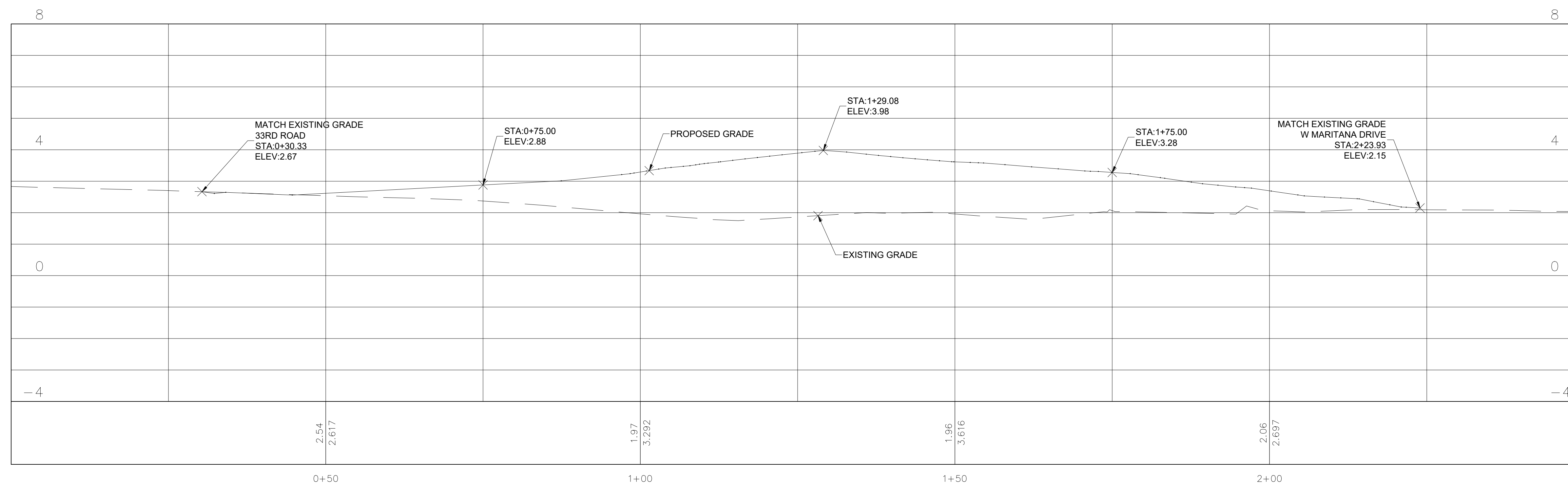


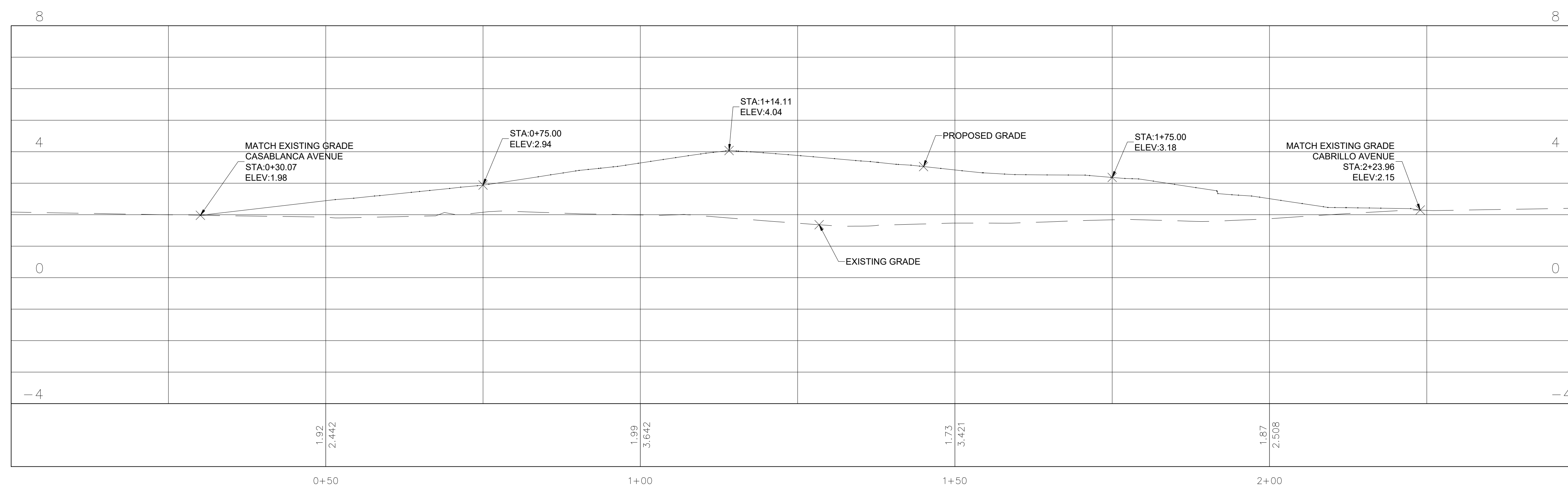
FIGURE 4
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
CONCEPT SITE PLAN ALTERNATIVE #1 - CROSS SECTION 'A-A'

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements.
Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.





CROSS SECTION 'B-B'



CROSS SECTION 'C-C'

HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 2'

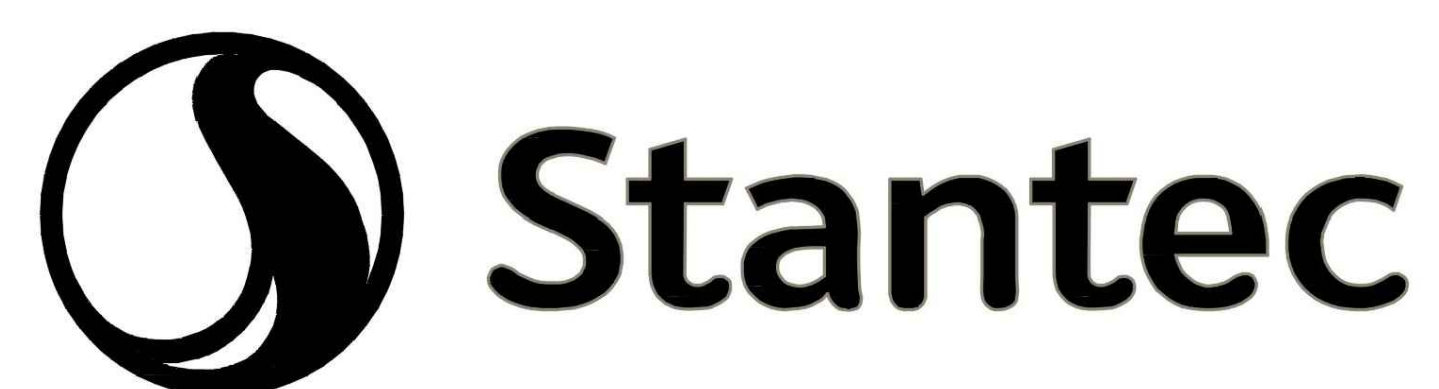


FIGURE 5
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
CONCEPT SITE PLAN ALTERNATIVE #1 - CROSS SECTIONS 'B-B' & 'C-C'

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements.
Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.



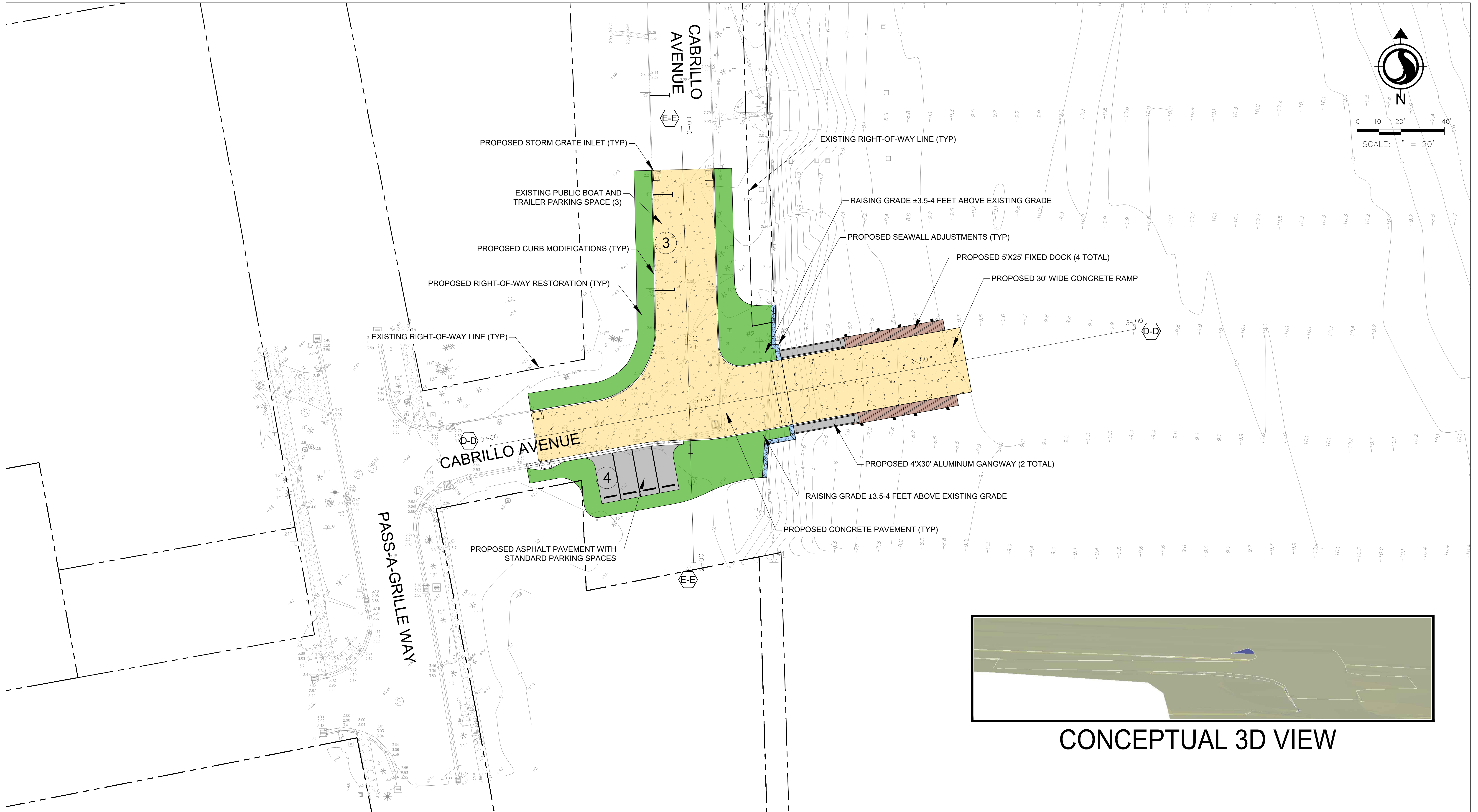
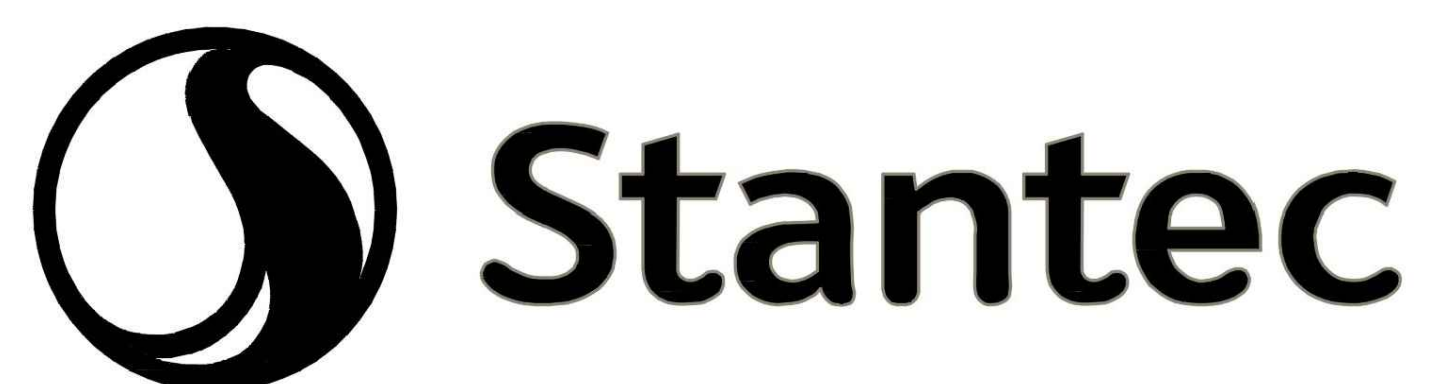


FIGURE 6
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
CONCEPT SITE PLAN ALTERNATIVE #2

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements. Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.



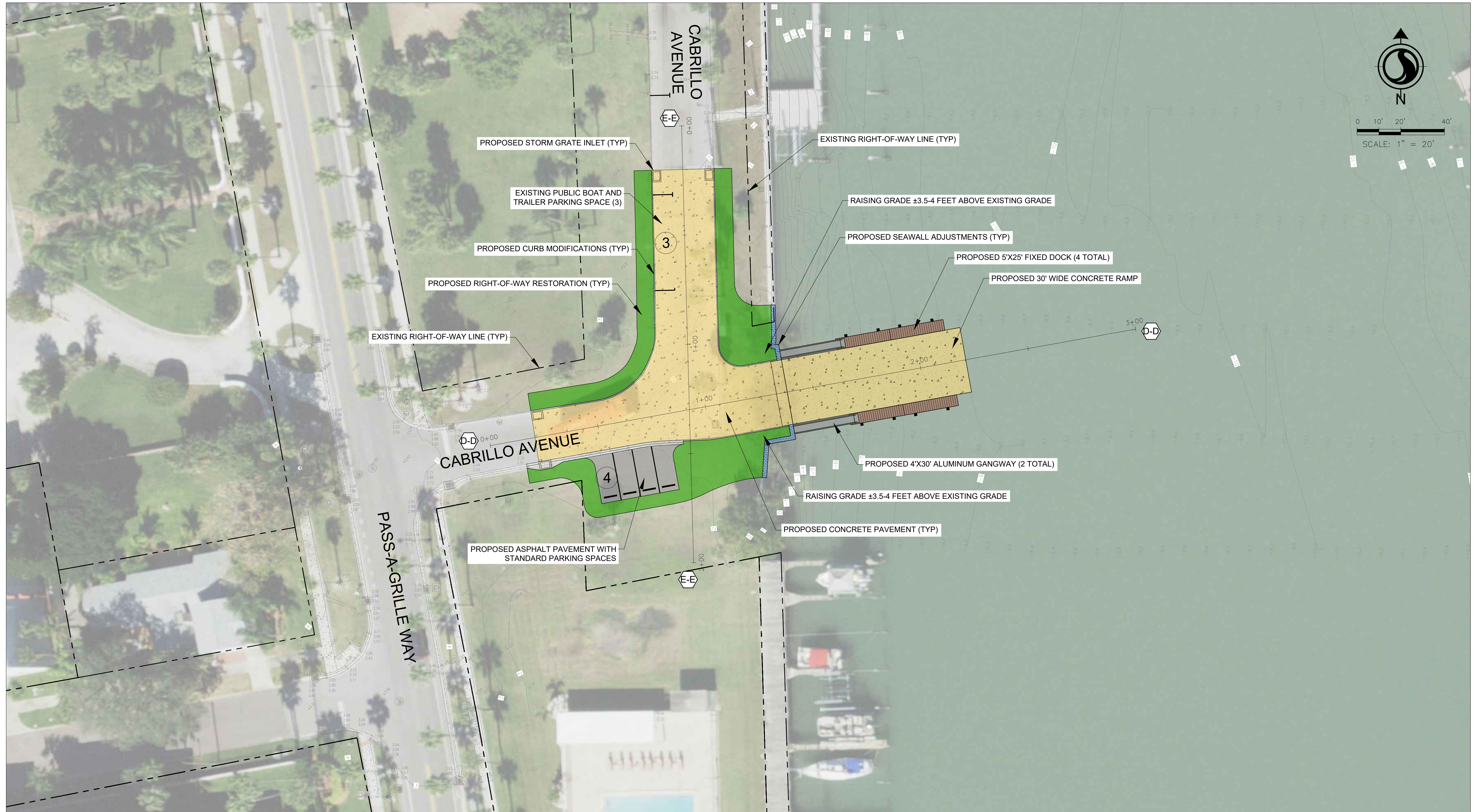
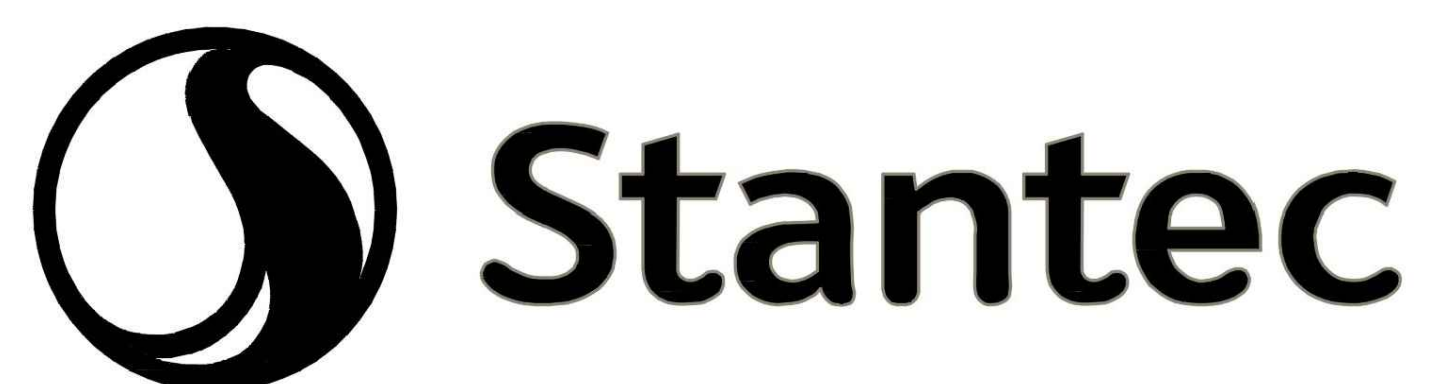


FIGURE 7
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
CONCEPT SITE PLAN ALTERNATIVE #2

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements. Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.



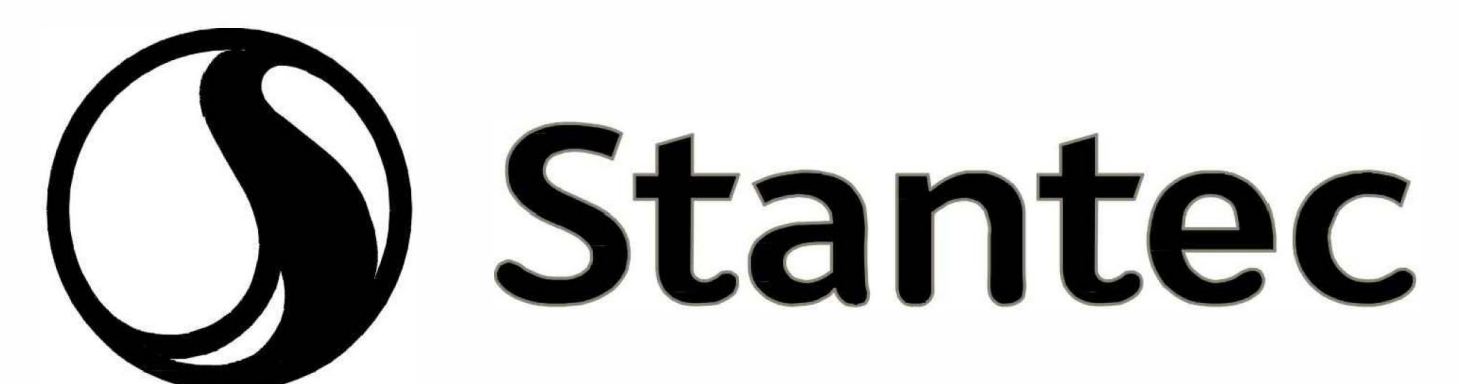
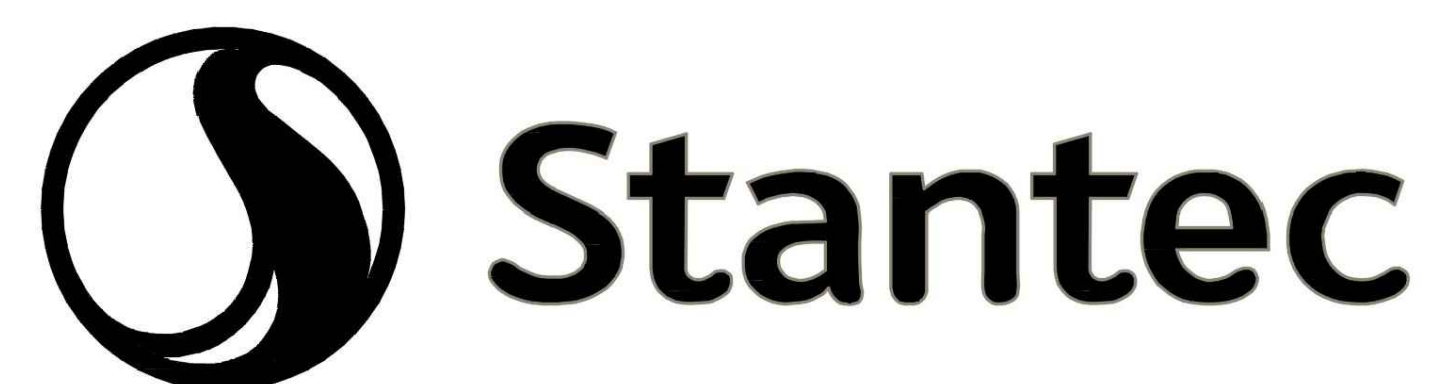
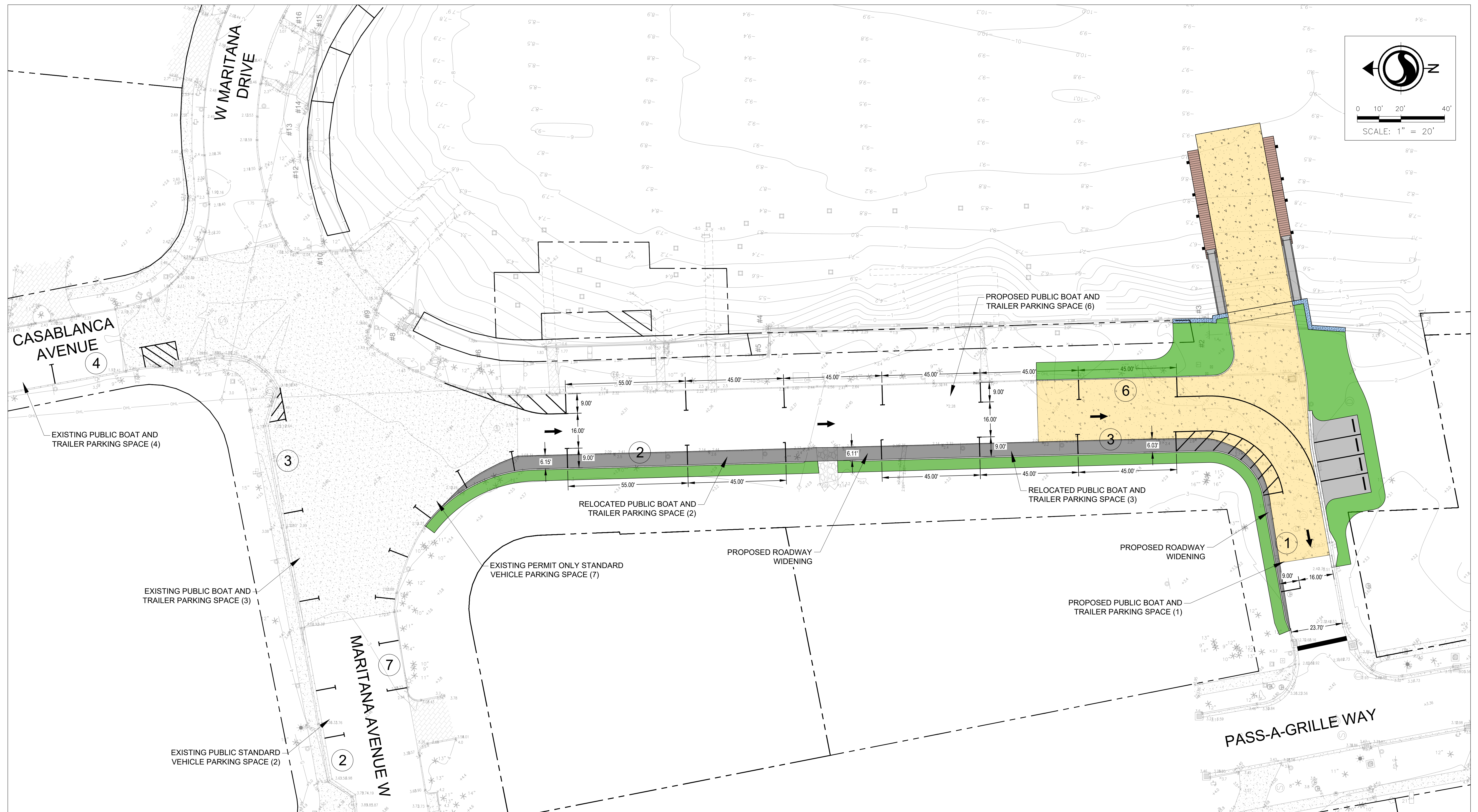


FIGURE 7A
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
RENDERED CONCEPT SITE PLAN ALTERNATIVE #2

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements.
 Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.





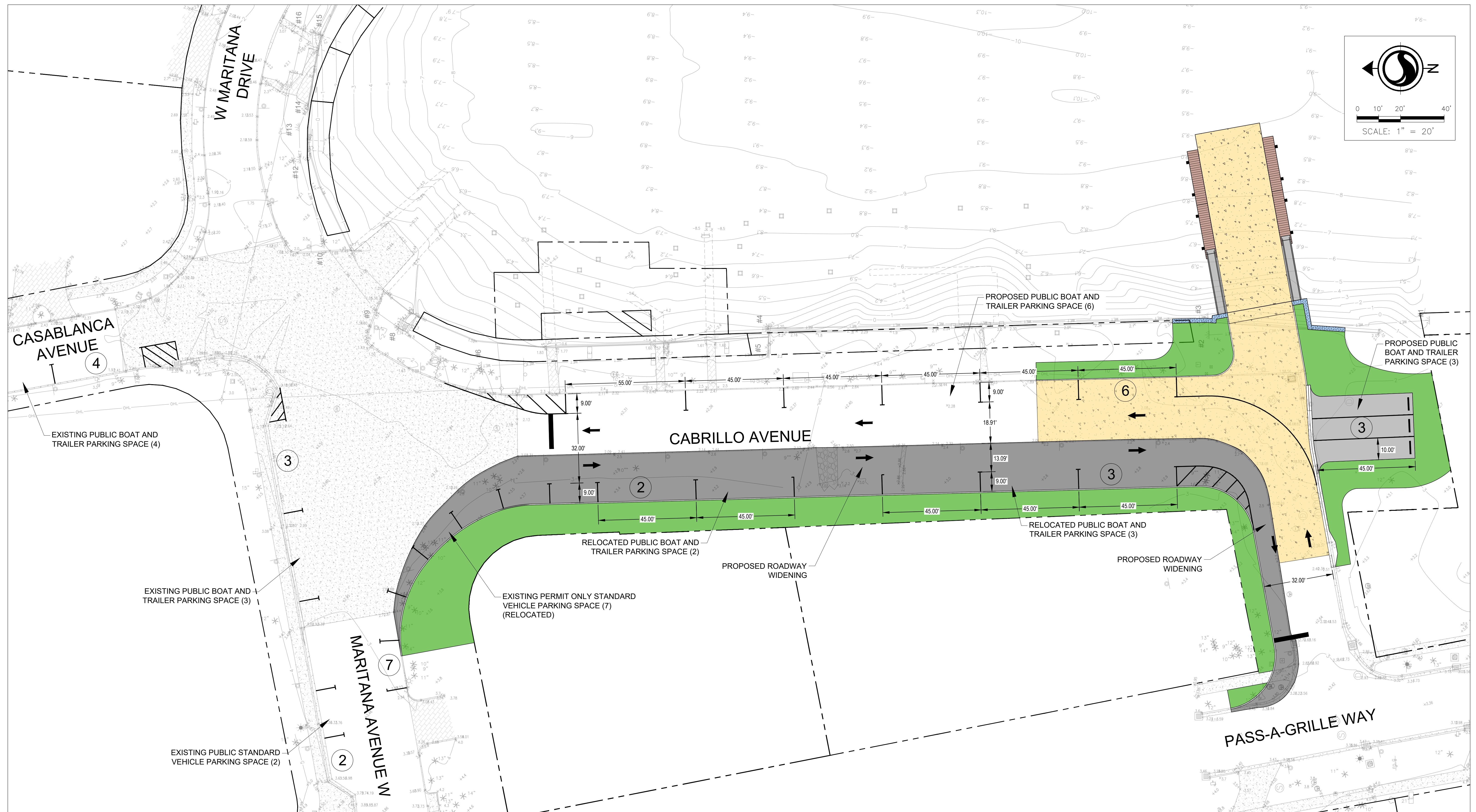
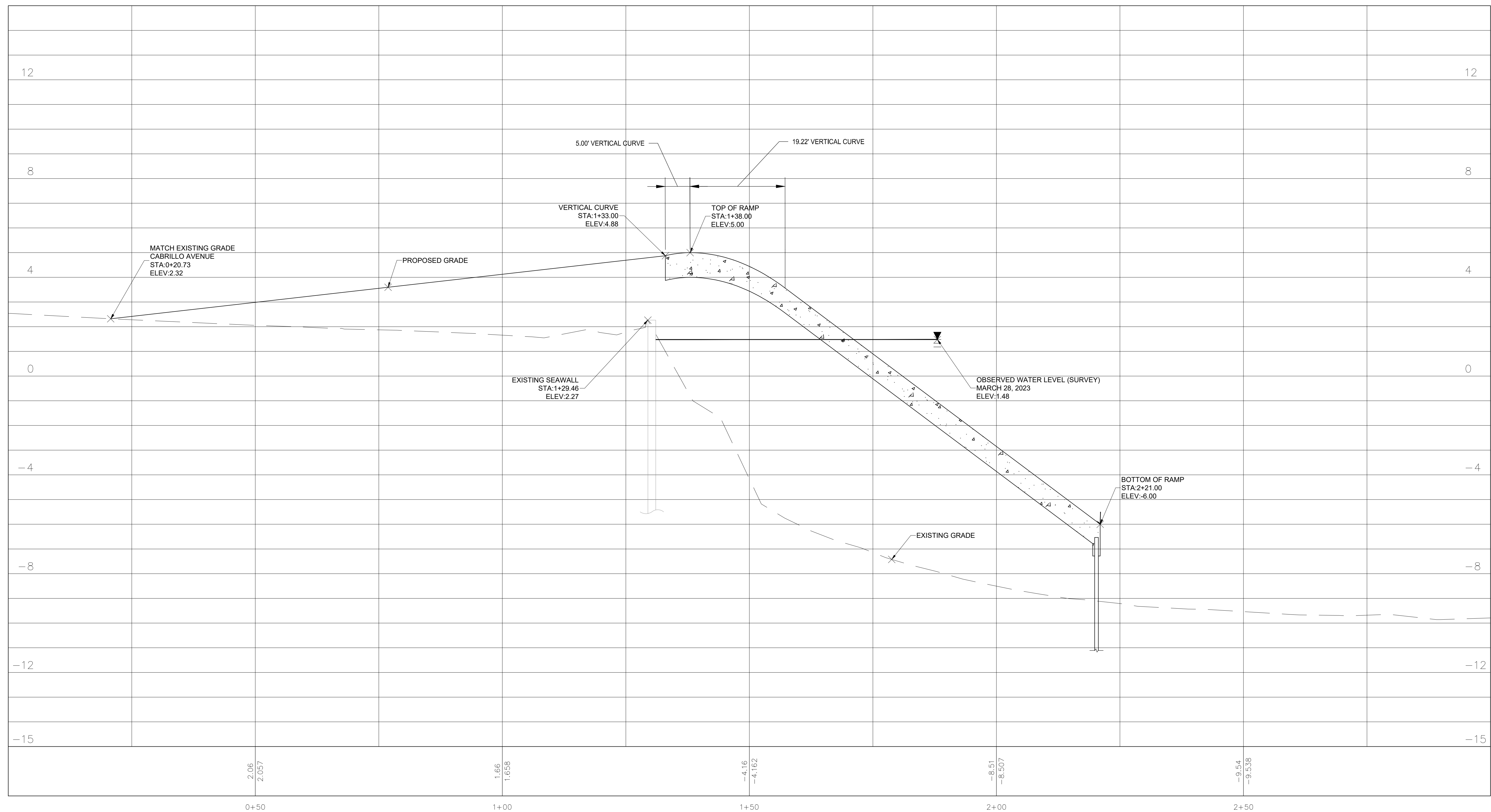


FIGURE 8A
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
CONCEPT SITE PLAN ALTERNATIVE #2
WITH TWO-WAY TRAFFIC THROUGH CABRILLO AVENUE

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements.
 Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.



CROSS SECTION 'D-D'

HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 2'

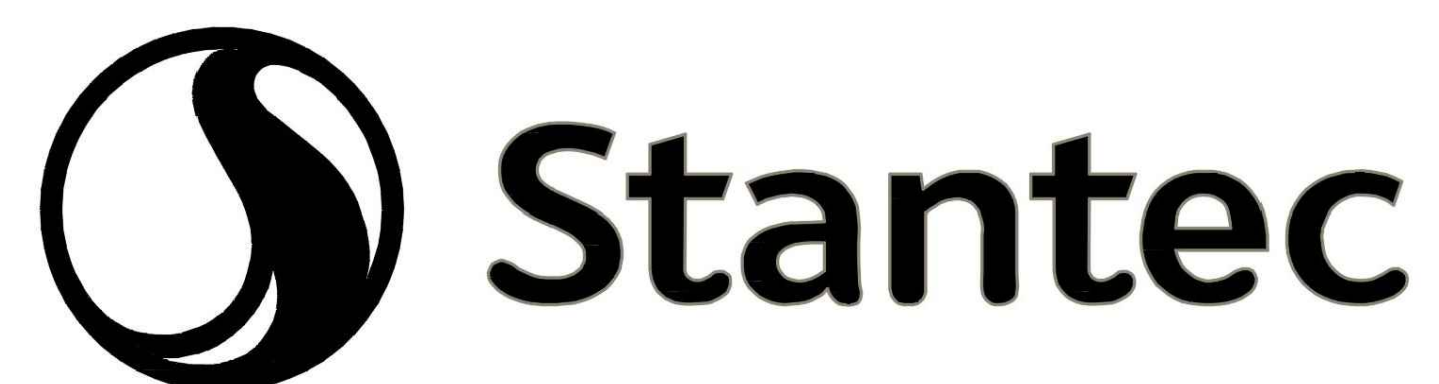
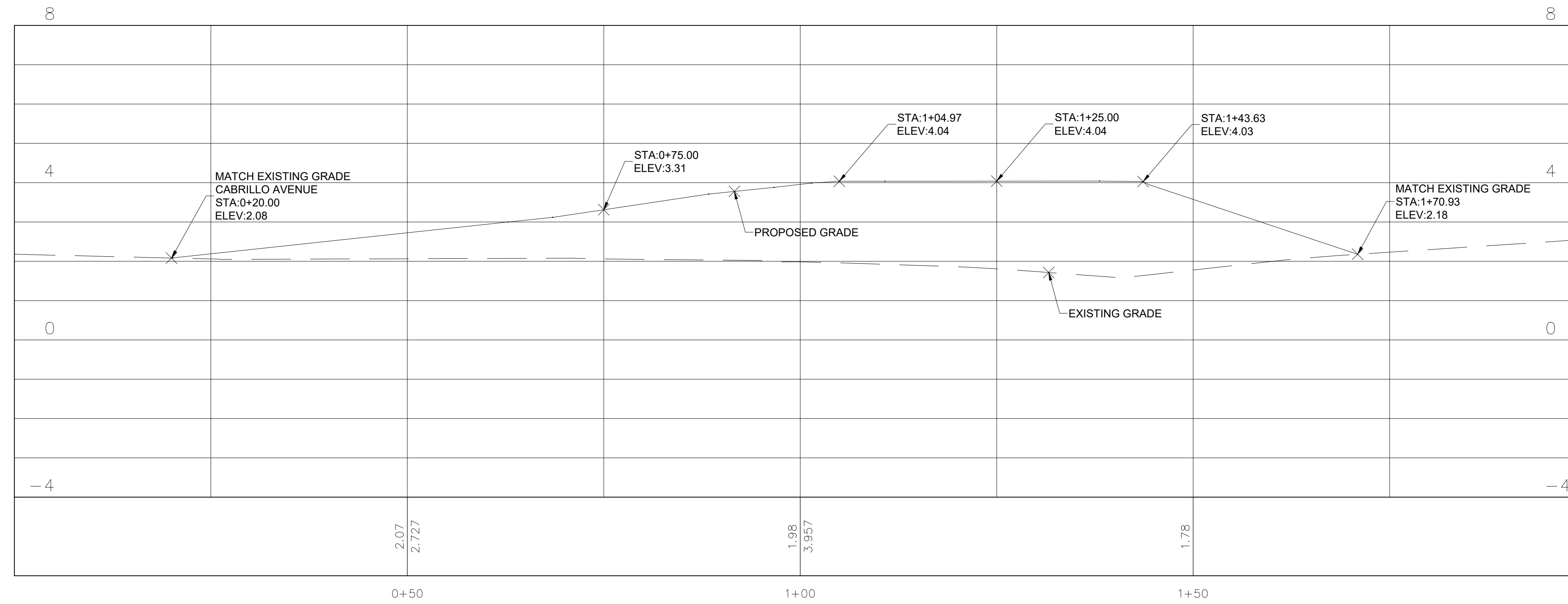


FIGURE 9
DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL
CONCEPT SITE PLAN ALTERNATIVE #2 - CROSS SECTION 'D-D'

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements.
Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.





CROSS SECTION 'E-E'

HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 2'

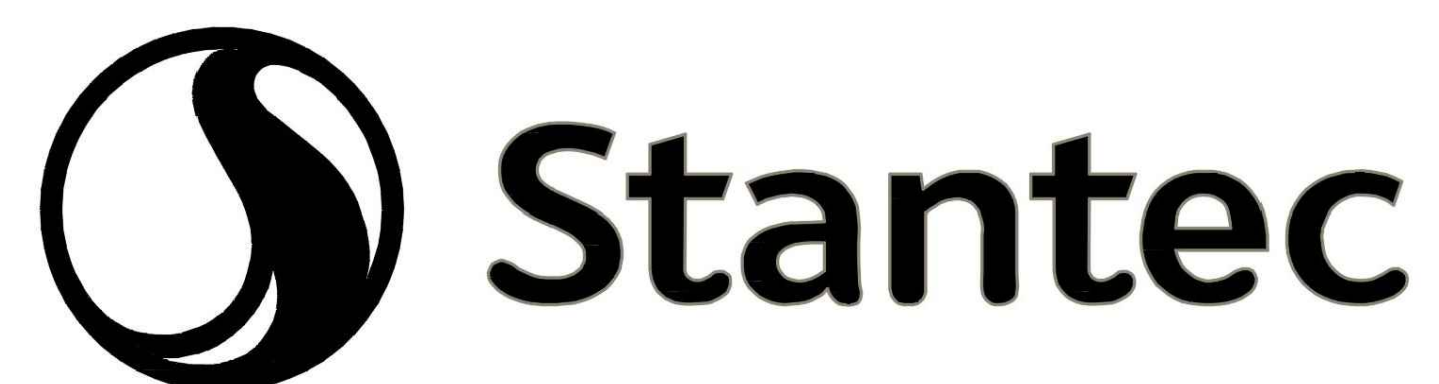


FIGURE 10

DON CESAR BOAT RAMP FEASIBILITY STUDY - ST. PETE BEACH, FL CONCEPT SITE PLAN ALTERNATIVE #2 - CROSS SECTION 'E-E'

This plan is conceptual in nature. Site revisions may occur based on grading and jurisdictional requirements.
Right-of-way lines and parcel boundaries obtained from available Pinellas County GIS data.



Appendix D – Opinion of Probable Construction Costs



CITY OF ST. PETERSBURG BEACH
DON CESAR BOAT RAMP SITE ANALYSIS - ALTERNATIVE 1 SITE
CONCEPT PLAN - OPINION OF PROBABLE CONSTRUCTION COSTS
DATE: 20-Jul-23

REF. ITEM NO.	PAY ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT COST	ESTIMATED TOTAL COST
1	101-1	MOBILIZATION (12% HARD COST)	LS	1	\$ 88,297.02	\$ 88,297.02
2	102-1	MAINTENANCE OF TRAFFIC (2% HARD COST)	LS	1	\$ 14,716.17	\$ 14,716.17
3	102-71-16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	680	\$ 20.00	\$ 13,600.00
4	104-10-3	SEDIMENT BARRIER	LF	430	\$ 3.00	\$ 1,290.00
5	104-11	FLOATING TURBIDITY BARRIER	LF	250	\$ 15.00	\$ 3,750.00
6	104-15	SOIL TRACKING PREVENTION DEVICE	EA	1	\$ 2,200.00	\$ 2,200.00
7	110-1-1	CLEARING & GRUBBING	AC	0.46	\$ 13,000.00	\$ 6,018.32
8	110 4 10	REMOVAL OF EXISTING CONCRETE (PAVEMENT, CURB, SIDEWALK)	SY	1,667	\$ 41.75	\$ 69,583.33
9	110-21	TREE PROTECTION BARRIER	LF	500	\$ 5.00	\$ 2,500.00
10	120-1	REGULAR EXCAVATION	CY	600	\$ 11.00	\$ 6,600.00
11	120-6	EMBANKMENT	CY	1,291	\$ 20.00	\$ 25,814.81
12	120-6	ROUGH / FINAL GRADE	SF	1,667	\$ 0.50	\$ 833.33
13	350 3 2	PLAIN CEMENT CONCRETE PAVEMENT, 6.5"	SY	1,549	\$ 100.00	\$ 154,888.89
14	400-4-48	CONC CLASS IV, BOAT RAMP	CY	68	\$ 700.00	\$ 47,880.00
15	400-4-49	CONC CLASS IV, APPROACH SLAB	CY	5	\$ 1,400.00	\$ 7,000.00
16	400-7-1	SURFACE GROOVING, BRIDGE DECK GROOVING (HORIZONTAL)	SY	23	\$ 8.00	\$ 184.00
17	400-7-1	SURFACE GROOVING, RAMP AREA (DIAGONAL)	SY	187	\$ 10.00	\$ 1,870.00
18	400-95-3	COFFERDAM	LS	1	\$ 78,750.00	\$ 78,750.00
19	415-10-4	GLASS FIBER REINFORCED POLYMER BARS, #4	LF	5,505	\$ 1.50	\$ 8,257.50
20	425 1561	INLETS, DT BOT, TYPE F, <10'	EA	4	\$ 8,480.08	\$ 33,920.32
21	425 4	INLETS, ADJUST	EA	2	\$ 4,197.33	\$ 8,394.66
22	425 5	MANHOLE, ADJUST	EA	1	\$ 1,500.16	\$ 1,500.16
23	425 5 1	MANHOLE, ADJUST, UTILITIES	EA	1	\$ 2,037.33	\$ 2,037.33
24	425 6	VALVE BOXES, ADJUST	EA	4	\$ 1,045.34	\$ 4,181.36
25	430-175124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	280	\$ 115.60	\$ 32,368.00
26	455-2-10	TREATED TIMBER PILE, 12"	LF	192	\$ 35.00	\$ 6,720.00
27	455-135-101	POLYMERIC SHEET PILE, PVC	SF	4,000	\$ 35.00	\$ 140,000.00
28	515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	36	\$ 70.00	\$ 2,520.00
29	515-2-311	ALUMINUM PEDESTRIAN/BICYCLE RAILING	LF	18	\$ 110.00	\$ 1,980.00
30	519-78	BOLLARDS	EA	4	\$ 1,300.00	\$ 5,200.00
31	520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	400	\$ 42.00	\$ 16,800.00
32	522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	84	\$ 60.00	\$ 5,066.67
33	0570 1 2	PERFORMANCE TURF, SOD	SY	422	\$ 4.31	\$ 1,819.78
34		PAVEMENT MARKINGS AND SIGNAGE	LS	1	\$ 5,000.00	\$ 5,000.00
35	764-2	GANGWAY	EA	2	\$ 15,000.00	\$ 30,000.00
36	764-1-1	FLOATING DOCK, 20 FT	EA	4	\$ 20,000.00	\$ 80,000.00
37		AS-BUILT SURVEY	LS	1	\$ 7,500.00	\$ 7,500.00
		ESTIMATED TOTAL HARD CONSTRUCTION COST:				\$ 919,041.65
GENERAL REQUIREMENTS						
		CONTRACTOR GENERAL CONDITIONS	LS	1	15%	\$ 137,856.25
		CONTRACTOR INSURANCE & BONDS	LS	1	6%	\$ 55,142.50
		CONTRACTOR GENERAL OH&P	LS	1	7%	\$ 59,737.71
		ESTIMATE CONTINGENCY	LS	1	8%	\$ 73,523.33
		CONSTRUCTION ESCALATION	LS	1	0%	\$ -
		PREMIUM TIME LABOR	LS	1	0%	\$ -
		ESTIMATED TOTAL HARD CONSTRUCTION COST PLUS GENERAL REQUIREMENTS:				\$ 1,245,301.43

CITY OF ST. PETERSBURG BEACH
DON CESAR BOAT RAMP SITE ANALYSIS - ALTERNATIVE 2 SITE
CONCEPT PLAN - OPINION OF PROBABLE CONSTRUCTION COSTS
DATE: 20-Jul-23

REF. ITEM NO.	PAY ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT COST	ESTIMATED TOTAL COST
1	101-1	MOBILIZATION (12% HARD COST)	LS	1	\$ 73,881.88	\$ 73,881.88
2	102-1	MAINTENANCE OF TRAFFIC (2% HARD COST)	LS	1	\$ 12,313.65	\$ 12,313.65
3	102-71-16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	500	\$ 20.00	\$ 10,000.00
4	104-10-3	SEDIMENT BARRIER	LF	465	\$ 3.00	\$ 1,395.00
5	104-11	FLOATING TURBIDITY BARRIER	LF	260	\$ 15.00	\$ 3,900.00
6	104-15	SOIL TRACKING PREVENTION DEVICE	EA	1	\$ 2,200.00	\$ 2,200.00
7	110-1-1	CLEARING & GRUBBING	AC	0.25	\$ 13,000.00	\$ 3,199.27
8	110 4 10	REMOVAL OF EXISTING CONCRETE (CURB)	SY	103	\$ 41.75	\$ 4,314.17
9	120-1	REGULAR EXCAVATION	CY	200	\$ 11.00	\$ 2,200.00
10	120-6	EMBANKMENT	CY	367	\$ 20.00	\$ 7,333.33
11	120-6	ROUGH / FINAL GRADE	SF	10,720	\$ 0.50	\$ 5,360.00
12	160-4	TYPE B STABILIZATION	SY	167	\$ 4.80	\$ 800.00
13	285-706	OPTIONAL BASE, BASE GROUP 06 (ON-SITE)	SY	200	\$ 14.55	\$ 2,910.00
14	334 7 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22 (ON-SITE)	TN	10	\$ 164.00	\$ 1,623.60
15	350 3 2	PLAIN CEMENT CONCRETE PAVEMENT, 6.5"	SY	639	\$ 100.00	\$ 63,888.89
16	400-4-48	CONC CLASS IV, BOAT RAMP	CY	100	\$ 700.00	\$ 70,140.00
17	400-4-49	CONC CLASS IV, APPROACH SLAB	CY	8	\$ 1,400.00	\$ 10,500.00
18	400-7-1	SURFACE GROOVING, BRIDGE DECK GROOVING (HORIZONTAL)	SY	34	\$ 8.00	\$ 272.00
19	400-7-1	SURFACE GROOVING, RAMP AREA (DIAGONAL)	SY	280	\$ 10.00	\$ 2,800.00
20	400-95-3	COFFERDAM	LS	1	\$ 82,500.00	\$ 82,500.00
21	415-10-4	GLASS FIBER REINFORCED POLYMER BARS, #4	LF	8,078	\$ 1.50	\$ 12,117.00
22	425 1561	INLETS, DT BOT, TYPE F, <10'	EA	4	\$ 8,480.08	\$ 33,920.32
23	0425 2 42	MANHOLES, P-7, >10'	EA	1	\$ 10,000.00	\$ 10,000.00
24	425 5	MANHOLE, ADJUST	EA	6	\$ 1,500.16	\$ 9,000.96
25	425 6	VALVE BOXES, ADJUST	EA	1	\$ 1,045.34	\$ 1,045.34
26	430-175124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	148	\$ 115.60	\$ 17,108.80
27	455-2-10	TREATED TIMBER PILE, 12"	LF	192	\$ 35.00	\$ 6,720.00
28	455-135-101	POLYMERIC SHEET PILE, PVC	SF	3,600	\$ 35.00	\$ 126,000.00
29	515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	36	\$ 70.00	\$ 2,520.00
30	515-2-311	ALUMINUM PEDESTRIAN/BICYCLE RAILING	LF	18	\$ 110.00	\$ 1,980.00
31	519-78	BOLLARDS	EA	4	\$ 1,300.00	\$ 5,200.00
32	0520 2 4	CONCRETE CURB, TYPE D	LF	315	\$ 42.00	\$ 13,230.00
33	0520 3	VALLEY GUTTER- CONCRETE	LF	75	\$ 62.00	\$ 4,650.00
34	542-70	CONCRETE BUMPER GUARD FOR PARKING LOT	EA	4	\$ 100.00	\$ 400.00
35	0570 1 2	PERFORMANCE TURF, SOD	SY	450	\$ 4.31	\$ 1,939.50
36	0639 6 2	ELECTRICAL POWER SERVICE- TRANSFORMER, REPLACE EXISTING	EA	1	\$ 5,000.00	\$ 5,000.00
37		PAVEMENT MARKINGS AND SIGNAGE	LS	1	\$ 1,500.00	\$ 1,500.00
38	764-2	GANGWAY	EA	2	\$ 15,000.00	\$ 30,000.00
39	764-1-1	FLOATING DOCK, 20 FT	EA	4	\$ 20,000.00	\$ 80,000.00
40		AS-BUILT SURVEY	LS	1	\$ 5,000.00	\$ 5,000.00
		ESTIMATED TOTAL HARD CONSTRUCTION COST:				\$ 728,863.71
GENERAL REQUIREMENTS						
		CONTRACTOR GENERAL CONDITIONS	LS	1	15%	\$ 109,329.56
		CONTRACTOR INSURANCE & BONDS	LS	1	6%	\$ 43,731.82
		CONTRACTOR GENERAL OH&P	LS	1	7%	\$ 51,020.46
		ESTIMATE CONTINGENCY	LS	1	8%	\$ 58,309.10
		CONSTRUCTION ESCALATION	LS	1	0%	\$ -
		PREMIUM TIME LABOR	LS	1	0%	\$ -
		ESTIMATED TOTAL HARD CONSTRUCTION COST PLUS GENERAL REQUIREMENTS:				\$ 991,254.64

**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Issue Considered: Stormwater Pumpstation Don Cesar Neighborhood – 30% Design

Strategic Objective: Resilience

Date: June 11, 2024

Prepared By: Mike Clarke, Public Works Director

Through: Wayne Saunders, Interim City Manager

Summary of Issue: Halff Associates, Inc., completed the Maritana Neighborhood Water Threats Adaptation Multiple Stormwater Pump Station Concept Plan (Concept Plan) in October 2023. In this plan, a six pump station configuration was identified as an effective solution to evacuate stormwater from the Don CeSar Neighborhood. This plan assumes all seawalls are elevated to 5' NAVD 88. The final report did not expense the full amount of funds, \$15,998.40 remains available.

A new project, Seawall Outfall Construction at 3 locations is being developed. This project will install a new Stormwater Outfall Structure including a Tide Check Valve installed farther back into the street system to prohibit marine growth and protected by a debris blocking Baffle Box. One location is at the T-intersection of E. Maritana Dr., E. Debazan Ave., and S. Debazan Ave. This is also a location for Pump #4, one of the proposed pump stations in the Concept Plan.

Staff recommends re-purposing the available funds as a change order to the Concept Plan adding a new task to develop a 30% concept design for a pump station. This will provide the spatial relationship for the future integration of the pump station with the Tide Check Valve and Baffle Box.

Funding: GL 301-0061 PO P004160 dated April 3, 2023

Requested Motion: “I move to approve the change order to the Maritana Neighborhood Water Threats Adaptation Multiple Stormwater Pump Station Concept Plan adding a new task to develop a 30% concept design for a future stormwater pump

station using the engineering services contract with Halff Associates, Inc. in the amount of \$15,998.40 and authorize the City Manager to sign the task order.”

Attachment:

1. Maritana Neighborhood Water Threats Adaptation Multiple Stormwater Pump Station Concept Plan
2. Halff Task Order 2023-04 for the Concept Plan
3. PO P004160
4. Halff Change Order 42109.035 For 30% Pump Design
5. Exhibit “B” Change Order Form for \$15,998.40



Exhibit "B"

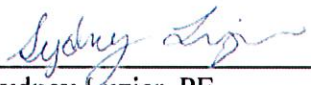
CHANGE ORDER FORM - CONTINUING CONTRACT FOR PROFESSIONAL DESIGN SERVICES

Date of Change Order Request	March 12, 2024
Firm Selected for Task	Halff Associates, Inc.
Task (Project) Name	30% PS4 Design added to Debazan Seawall Repair
Task Description (and other relevant details)	1. Project Management 2. 30% Engineering Pump Station Design and Plans
Task Budget	\$15,998.40
Conflict of Interest	(N) If yes, describe.
Task Order Completion Date	180 days after NTP

Pursuant to section 13.4 of your contract with the City, your signature below shall attest that no conflict exists between the tasks described herein and any work Halff Associates, Inc. is performing for any private client.

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 Change Order:

_____ Wayne Saunders Interim City Manager City of St. Pete Beach	_____ Date	 _____ Sydney Luzier, PE Project Manager Halff Associates, Inc.	_____ 3/12/24 Date
 _____ Brett Warner, PE Assistant Public Works Director City of St. Pete Beach 	_____ May 28, 2024 Date		



**Halff Associates, Inc.
Agreement for Continuing Contract for Professional Engineering Services
Change Order to #42109.035**

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

**March 12, 2024
42109.035**

RE: Stormwater Pump Station 4 Concept Plan added to S. Debazan (CO #42109.035)

Site Location

County:	Pinellas County	State:	Florida
Latitude:	27.7123	Longitude:	-82.7368

Dear Mr. Warner:

Halff Associates, Inc. (HALFF) is pleased to submit this Change Order #42109.035 to provide the City of St. Pete Beach (City) with services to develop the 30% design and prepare a set of 30% plans for Pump Station 4, based on the findings and design criteria recommended in our report Maritana Neighborhood Water Threats Adaptation Multiple Stormwater Pump Station Concept Plan prepared in October 2023.

This incorporates a deduction in the scope of services of Task Order 42109.030 in which by request of the City, services of HALFF to attend project coordination and public meetings will not be required, and the professional services fee allocated for same task shall be repurposed to compensate HALFF for the design services incorporated by this Amendment 1.

The scope of services and fee assessment included in this Change Order are based on the requirement that if the City pursues subsequent phases of development of this project or projects associated with its findings or in the same study area, the design of those subsequent phases or projects will be assigned to HALFF. The following services and scope will be in compliance with our Continuing Services Contract for Professional Design Services dated January 12, 2021.

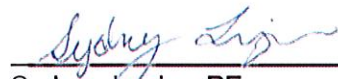
Background

HALFF completed the Maritana Neighborhood Water Threats Adaptation Multiple Stormwater Pump Station Concept Plan for the City in October 2023. In the Plan, HALFF identified the implementation of a stormwater pumps system at existing outfalls which could prevent flooding and be an effective solution to the existing problem of excess stormwater in the Lazarillo Park community.

HALFF divided the study area into eight (8) basins based on existing drainage patterns. Rather than proposing an individual pump station at the outlet of each basin, HALFF devised a system of six (6) pumps, for which gravity sewers would connect the outfall of the two (2) northernmost basins (basins 12-8 and 12-7) to a third basin (basin 12-6), and employ a large, combined pump station (Pump Station 4) to service all three (3) basins. Refer to Exhibit A: Adaptation Plan Concept for a depiction of the aforementioned basins and pump stations.

Sincerely,

HALFF

A handwritten signature in blue ink, reading "Sydney Luzier", written over a horizontal line.

Sydney Luzier, PE
Project Manager

SCOPE OF SERVICES

TASK 100 PROJECT MANAGEMENT

HALFF will attend one project kick-off meeting and one project technical meeting with the City to coordinate the services and explain the design results represented in the 30% deliverable. HALFF will also employ time allocated to this project during recurrent coordination meetings with the City where this project is discussed. Monthly invoices including a description the work performed will be submitted to the City.

TASK 101 30% ENGINEERING DESIGN AND PLANS

HALFF will employ the preliminary calculations developed in the preparation of the Plan and develop a set of system demand calculations to estimate the design parameters of Pump Station 4 (PS-4). The same baseline parameters considered in the preparation of the Plan will be considered for this design, as follows:

- Year 2050 planning period
- Seawall crest elevations – 5 feet (NAVD 88)
- Design rain event – (25-year, 24-hour)
- Level of Service – Maximum 3 inches above street crown or 9 inches at street intersections
- Backflow devices close during high tide
- Follow the Tampa Bay Climate Science Advisory Panel (CSAP) sea level rise projections
- Excess precipitation (volume) flooding analysis
- SWFWMD ERP Applicant's Handbook design rainfall
- SCS Curve Number method
- Apply stage-storage relationships

The design criteria for the pump station will be based in standard details provided by the City and applicable regulatory requirements.

Siting of PS-4 will be based on existing survey available and site observations. It is assumed that the City owns or will acquire the necessary right of way to construct the proposed pump station and all the conveyance necessary for its interconnections. The site and dimensions determined for PS-4 are subject to change in subsequent development phases of the project.

Power supply necessary for PS-4 will be estimated based on the determined pump capacity. Power requirements will be communicated to the City for their coordination with the power company to establish the required service on the site. The 30% deliverable will not include detailed electrical, SCADA or power supply design details; but only the estimate of the required power supply capacity.

A list of expected regulatory requirements will be developed based on the expected applicable regulatory requirements and only based on project characteristics determined at the 30% design level. Permit applications will not be prepared at this stage, nor pre-application meetings will be

coordinated with any agency. The regulatory requirements assessment prepared at this stage is subject to change in subsequent phases of development of the project.

The intent of the 30% design is to define to this preliminary level of development the following parameters:

- Pump station siting
- Pump station capacity
- Interconnecting conveyance corridor
- Outfall location
- Power requirements

The 30% Design Plans will be developed to include existing survey and field information available. The following drawings are expected to be included in this deliverable:

- Cover sheet
- Notes
- Plan sheet
- Applicable standard details

HALFF will prepare an Opinion of Probable Construction Costs (OPCC) based on the information available at the 30% development stage. The OPCC will not determine costs of acquiring right of way for the project, construction of power supply improvements, conveyance to other pump stations or other costs not otherwise provided by the City. A commensurate contingency allowance will be included to account for changes in the cost to be estimated in subsequent phases of the project and other market conditions.

Deliverables (electronic format):

- 30% Plans
- Opinion of Probable Construction Costs
- Expected regulatory requirements list

SCHEDULE

Upon receipt of a fully executed copy of this Change 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 City is to be regularly and routinely consulted in connection with the performance hereunder.

- Final deliverables will be submitted to the City by February 15, 2023

FEE SCHEDULE

The City shall compensate HALFF the following fees for its services in a lump sum basis:

PROFESSIONAL SERVICES FEE SUMMARY			
Project Tasks		Lump Sum Fee	Hourly Estimated Fee
Phase 100	Project Management	\$ 2,000.00	N/A
Phase 101	30% Engineering Design and Plans	\$ 13,998.40	N/A
TOTAL		\$ 15,998.40	\$ -

Notes:

1. The Total lump sum fee will not exceed \$15,998.40 without prior written approval from the City.

SUPPLEMENTAL SERVICES

Services authorized in writing by the City 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 City shall compensate HALFF at an agreed upon lump sum fee or the HALFF current hourly rates for the actual personnel involved in the tasks.

EXCLUSIONS

HALFF's Scope of Services expressly does NOT include the following services or specific tasks under such services which are the obligation of the CLIENT or Owner, as the case may be. If required, excluded services can be provided by HALFF as Additional Services when so authorized in writing by the CLIENT.

- Survey
- Subsurface Utilities Engineering
- Geotechnical
- Environmental Assessments
- Endangered Species Assessments
- Right of Way investigations
- Permitting



City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, FL 33706
(727) 367-2735

PURCHASE ORDER

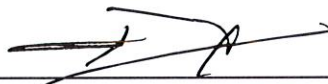
PO # P004160
Vendor V003950
Order Date 04/03/23
Expiration Date

VENDOR
[
HALFF ASSOCIATES INC
HALFF ASSOCIATES, INC
1201 N BOWSER ROAD
RICHARDSON, TX 75081
]

SHIP TO
[
PUBLIC WORKS
7581 Boca Ciega Drive
St Pete Beach, FL 33706
]

Contract Number:

ITEM#	QUANTITY	UOM	DESCRIPTION	UNIT PRICE	EXTENSION
0001	1.00		Don Cesar Neighborhood Water Threats and Sea Level Rise Adaptation Concept Study 301-0061	74,184.34	74,184.34
				TOTAL	74,184.34


APPROVED BY
04/06/23
DATE


APPROVED BY
04/06/23
DATE

Please send invoices to AP@StPeteBeach.org



**Halff Associates, Inc.
Agreement for Continuing Contract for Professional Engineering Services
Change Order to #42109.035**

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

**March 12, 2024
42109.035**

RE: Stormwater Pump Station 4 Concept Plan added to S. Debazan (CO #42109.035)

Site Location

County:	Pinellas County	State:	Florida
Latitude:	27.7123	Longitude:	-82.7368

Dear Mr. Warner:

Halff Associates, Inc. (HALFF) is pleased to submit this Change Order #42109.035 to provide the City of St. Pete Beach (City) with services to develop the 30% design and prepare a set of 30% plans for Pump Station 4, based on the findings and design criteria recommended in our report Maritana Neighborhood Water Threats Adaptation Multiple Stormwater Pump Station Concept Plan prepared in October 2023.

This incorporates a deduction in the scope of services of Task Order 42109.030 in which by request of the City, services of HALFF to attend project coordination and public meetings will not be required, and the professional services fee allocated for same task shall be repurposed to compensate HALFF for the design services incorporated by this Amendment 1.

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Background

HALFF completed the Maritana Neighborhood Water Threats Adaptation Multiple Stormwater Pump Station Concept Plan for the City in October 2023. In the Plan, HALFF identified the implementation of a stormwater pumps system at existing outfalls which could prevent flooding and be an effective solution to the existing problem of excess stormwater in the Lazarillo Park community.

HALFF divided the study area into eight (8) basins based on existing drainage patterns. Rather than proposing an individual pump station at the outlet of each basin, HALFF devised a system of six (6) pumps, for which gravity sewers would connect the outfall of the two (2) northernmost basins (basins 12-8 and 12-7) to a third basin (basin 12-6), and employ a large, combined pump station (Pump Station 4) to service all three (3) basins. Refer to Exhibit A: Adaptation Plan Concept for a depiction of the aforementioned basins and pump stations.

Sincerely,

HALFF

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Sydney Luzier, PE
Project Manager

SCOPE OF SERVICES

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- Subsurface Utilities Engineering
- Geotechnical
- Environmental Assessments
- Endangered Species Assessments
- Right of Way investigations
- Permitting



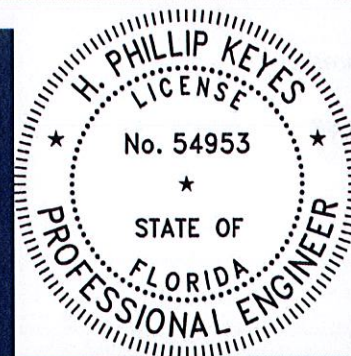
Maritana Neighborhood Water Threats Adaptation

AVO 42109.030
October 2023

Harold P. Keyes



Digitally signed by Harold P. Keyes
DN: cn=Harold P. Keyes, o=Halff Associates, Inc., ou=Halff Associates, Inc., email=hkeyes@halff.com, c=US
Date: 2023.10.02 15:07:55 -0400



This item has been digitally signed and sealed by H. Phillip Keyes on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Prepared for the City of St. Pete Beach





October 2, 2023
AVO 42109.030

Brett E. Warner, P.E.
City Engineer
Public Works Department, City of St. Pete Beach
7581 Boca Ciega Drive
St Pete Beach, FL 33706

Re: Maritana Neighborhood Water Threats Adaptation

Dear Mr. Warner:

Halff Associates, Inc. is pleased to submit the final report to the City of St. Pete Beach documenting the Multiple Stormwater Pump Stations Concept conducted for the Maritana Neighborhood Water Threats Adaptation.

Halff Associates, Inc. appreciates the opportunity to be of service to you and the City of St. Pete Beach on this important project. Please do not hesitate to call if you have any questions or concerns regarding this project.

Sincerely,

HALFF

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

H. Phillip Keyes, P.E.
Vice President, Public Infrastructure

1. Background

Halff performed a Water Threats Analysis/Mitigation Study, Don CeSar and Boca Ciega Area, for the City of St. Pete Beach in November 2021. The study identified the Lazarillo Park, located in the Maritana Neighborhood, could be redesigned and incorporate a stormwater storage basin to assist in collecting rainfall runoff from the neighborhood. This collected stormwater would then be discharged to Boca Ciega Bay via a new stormwater master pump station and force main, with the considered master pump station being located within the Lazarillo Park. The concept also proposed new stormwater piping and inlets, as well as street regrading; and recommended reducing the impervious area within the neighborhood by converting some of the two-way streets into one-way roads, which would create the opportunity for additional green space.

The City reviewed the study and proposed alternative and, when taking into consideration the public information collected by them, the City commissioned Halff to develop an alternative concept that would not represent such a significant impact to the Lazarillo Park. This report presents an alternative concept that incorporates multiple smaller stormwater pump stations within the Maritana Neighborhood, in lieu of the previously proposed single pump master station that entailed a new stormwater collection and storage basin in Lazarillo Park. The multiple pump stations concept provides for six (6) pump stations located in the vicinity of existing stormwater outfalls and uses existing drainage patterns in which runoff flows toward existing outfalls and the proposed pump stations. This concept eliminates the need for significant changes to the existing stormwater piping, inlets, and manhole infrastructure to collect and convey the area's stormwater. The six (6) proposed pump stations will discharge the collected stormwater to Boca Ciega Bay via force mains.

2. Goals and Baseline Parameters

The goals and baseline parameters for this concept are consistent with the previous Water Threats Analysis and Mitigation for the Maritana Neighborhood and Boca Ciega Area Study.

2.1 PROJECT GOALS

The three primary goals in the development of this concept were:

- Protecting the existing homes, streets, and people of the neighborhood from rising sea levels
- Enhancing community safety
- Managing the combined risk of higher sea levels and stormwater

2.2 BASELINE PARAMETERS

The baseline parameters considered in the development of this concept were:

- Year 2050 planning period
- Seawall crest elevations – 5 feet (NAVD 88)
- Design rain event – (100-year, 24-hour)
- Level of Service – Maximum 3 inches above street crown or 9 inches at street intersections
- Backflow devices close during high tide
- Follow the Tampa Bay Climate Science Advisory Panel (CSAP) sea level rise projections
- Excess precipitation (volume) flooding analysis
- SWFWMD ERP Applicant's Handbook design rainfall
- SCS Curve Number method
- Apply stage-storage relationships

The results of the routing calculations performed by Halff show that the proposed six (6) pumps system provides a pumping capacity of approximately 46,000 gpm and limits the peak of the design storm to a maximum flood level of three (3) feet NAVD 88, see *Exhibit C: 100-Year Design Storm Flood Routing Tables*. This level of service keeps stormwater inundation stored mostly within the roadway during the peak of the 100-year design storm event and limits flooding within the existing roadways to a maximum of two (2) hours, see *Exhibit D: 100-year Storm Inundation with Alternative Concepts Implemented* and *Exhibit E: Subbasin Maximum Stage and Road Flooding Duration*.

5. Environmental Review

4.1 SITE DESCRIPTION

A site assessment for the ±3,629-linear foot seawall within the Maritana Drive seawall project site was conducted on April 25, 2023. The Project Site is located on the southern edge of the residential waterfront property along Maritana Drive within the Little McPherson Bayou, just south of the Pinellas Bayway. The aquatic resource assessment was conducted to assess both benthic and riparian communities within the Project Site. Seagrass communities were delineated along the seawall and the highest density of seagrass was observed near the southernmost point. The species of seagrass identified during the survey included turtle grass and manatee grass. Benthic habitat varied between hard bottom and soft sand throughout the Project Site. Several corals were located within these hard bottom areas. Mangrove locations were delineated and mapped out along the seawall. Like the seagrass, mangrove densities were highest near the southernmost point.

The listed species survey found wood storks roosting just west of the Project Site. Additionally, a small bird rookery was identified and may require permitting from the state for construction. Although no manatees were detected during the survey, it is highly probable for manatees to appear in the Project Site. Therefore, manatee conditions for in water work will be required for construction in the area. Overall, the Project Site does contain suitable habitat requirements for some listed species known to occur in Pinellas County.

An existing public boat ramp is found within the project limits, on the far west end of the Project Site at the intersection of Casablanca Avenue and W Maritana Drive. The remainder of the project site contains private residential docks. Based on a review of historical aerial photographs, residential development can be identified as early as 1943 and the site can be seen in its current state as early as 1994. Appendix A presents the Environmental Review Summary and Findings. Appendix B presents three (3) concepts for construction of a living shorelines within the project boundaries.

6. Opinion of Probable Construction Cost (OPCC)

Halff developed an Opinion of Probable Construction Cost (OPCC) to estimate the financial investment required in the implementation of the proposed concept. This OPCC is based on available information, and baseline parameters for a sea level protection standard of five (5) feet NAVD 88.

The OPCC for the Concept plan is \$16.3 M, including a 30% contingency (unknown costs) and considering the following elements:

- Construction of a living shoreline barrier system, including seawall reconstruction and cut and fill activities.
- Installation of stormwater drainage pipes
- Reconstruction of local streets
- Installation of stormwater pumping infrastructure
- Backup Power source

Some of the items that are not currently considered in the OPCC are:



EXHIBIT A: ADAPTATION PLAN CONCEPT

Maritana Neighborhood Water Threats Adaptation:
Multiple Stormwater Pump Stations Concept

AVO 42109.030



EXHIBIT B: MARITANA PENINSULA SUBBASINS

Maritana Neighborhood Water Threats Adaptation:
Multiple Stormwater Pump Stations Concept

AVO 42109.030

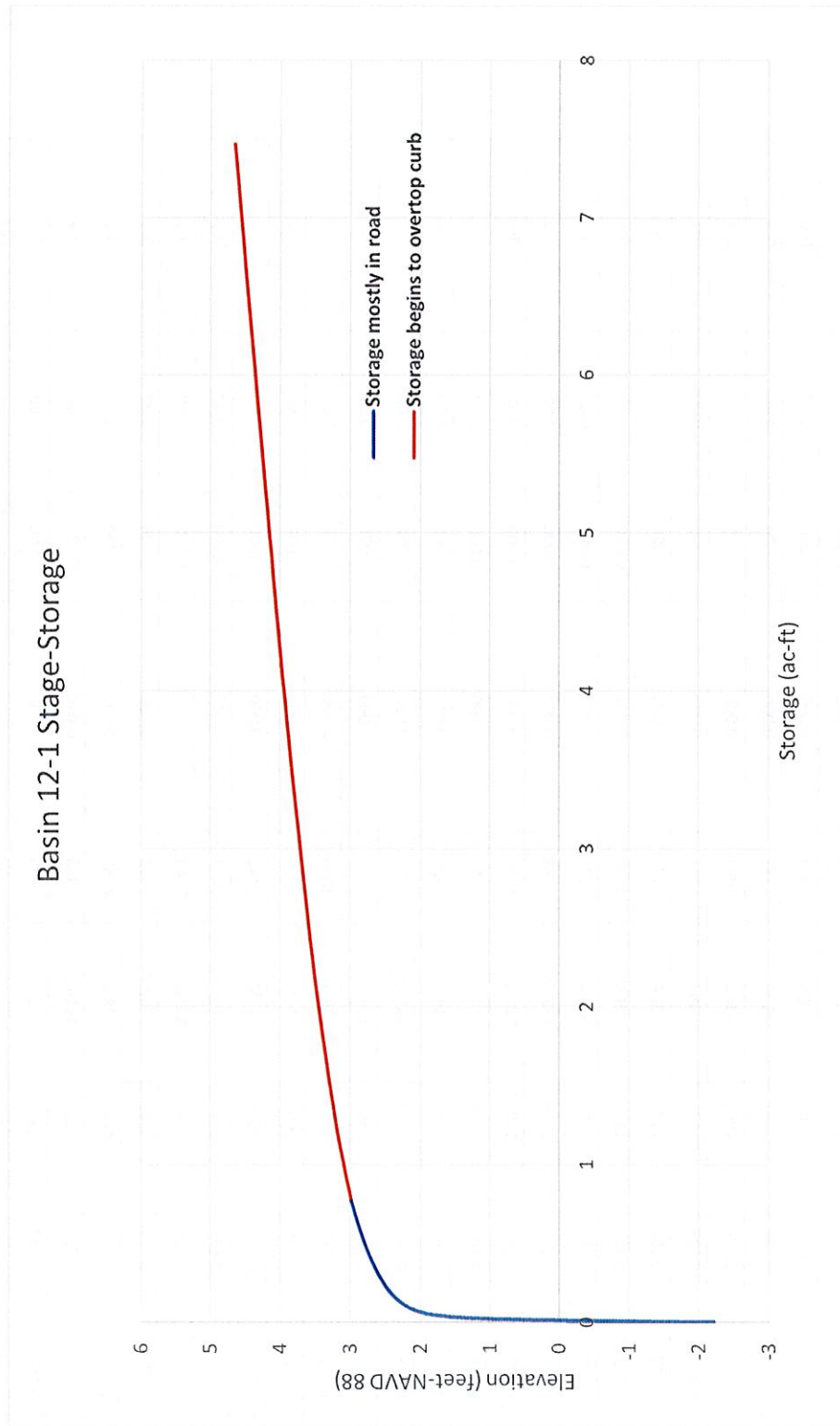


EXHIBIT C: 100-YEAR DESIGN STORM FLOOD ROUTING TABLES

Maritana Neighborhood Water Threats Adaptation:
Multiple Stormwater Pump Stations Concept

AVO 42109.030

Basin 12-1



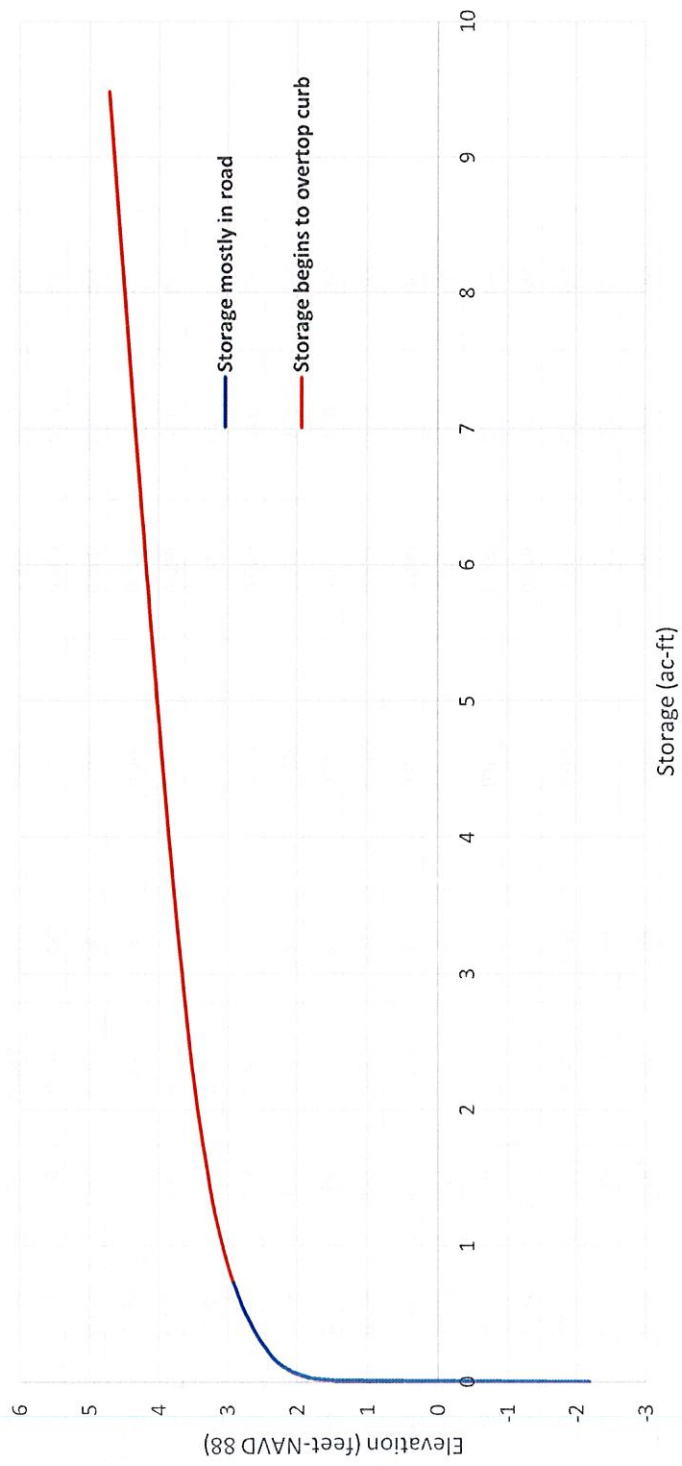
13	0.146	2.907	6357	126640	6357	15242.912	10314.013	0.24	2.49
13.5	0.108	3.015	4684	131324	4684	10314.013	0.000	0.00	Dry
14	0.084	3.099	3680	135004	3680	0.000	0.000	0.00	Dry
14.5	0.073	3.172	3179	138183	3179	0.000	0.000	0.00	Dry
15	0.061	3.234	2677	140860	2677	0.000	0.000	0.00	Dry
15.5	0.058	3.291	2509	143369	2509	0.000	0.000	0.00	Dry
16	0.050	3.341	2175	145544	2175	0.000	0.000	0.00	Dry
16.5	0.046	3.387	2008	147551	2008	0.000	0.000	0.00	Dry
17	0.042	3.430	1840	149392	1840	0.000	0.000	0.00	Dry
17.5	0.042	3.472	1840	151232	1840	0.000	0.000	0.00	Dry
18	0.035	3.506	1506	152737	1506	0.000	0.000	0.00	Dry
18.5	0.038	3.545	1673	154410	1673	0.000	0.000	0.00	Dry
19	0.031	3.576	1338	155749	1338	0.000	0.000	0.00	Dry
19.5	0.035	3.610	1506	157254	1506	0.000	0.000	0.00	Dry
20	0.031	3.641	1338	158593	1338	0.000	0.000	0.00	Dry
20.5	0.027	3.668	1171	159764	1171	0.000	0.000	0.00	Dry
21	0.027	3.695	1171	160935	1171	0.000	0.000	0.00	Dry
21.5	0.027	3.721	1171	162106	1171	0.000	0.000	0.00	Dry
22	0.027	3.748	1171	163277	1171	0.000	0.000	0.00	Dry
22.5	0.027	3.775	1171	164448	1171	0.000	0.000	0.00	Dry
23	0.023	3.798	1004	165452	1004	0.000	0.000	0.00	Dry
23.5	0.023	3.821	1004	166455	1004	0.000	0.000	0.00	Dry
24	0.019	3.840	836	167292	836	0.000	0.000	0.00	Dry



Basin 12-2 Routing Table

Time (Hour)	Inflow (ac-ft)	Cumulative Inflow (ac-ft)	Inflow (cf)	Cumulative Inflow (cf)	Outflow (cf)	Additional Discharge from Storage (cf)	Amount Stored (cf)	Amount Stored (ac-ft)	Approximate Stage (ft-NAVD 88)
0	0.000	0.000	0.000	0.000	0	0.000	0.000	0.00	
0.5	0.015	0.015	647	647	647	0.000	0.000	0.00	Dry
1	0.015	0.030	647	1293	647	0.000	0.000	0.00	Dry
1.5	0.017	0.047	755	2048	755	0.000	0.000	0.00	Dry
2	0.015	0.062	647	2695	647	0.000	0.000	0.00	Dry
2.5	0.017	0.079	755	3449	755	0.000	0.000	0.00	Dry
3	0.017	0.097	755	4204	755	0.000	0.000	0.00	Dry
3.5	0.020	0.116	862	5066	862	0.000	0.000	0.00	Dry
4	0.017	0.134	755	5821	755	0.000	0.000	0.00	Dry
4.5	0.020	0.153	862	6683	862	0.000	0.000	0.00	Dry
5	0.022	0.176	970	7653	970	0.000	0.000	0.00	Dry
5.5	0.022	0.198	970	8623	970	0.000	0.000	0.00	Dry
6	0.022	0.220	970	9593	970	0.000	0.000	0.00	Dry
6.5	0.025	0.245	1078	10671	1078	0.000	0.000	0.00	Dry
7	0.027	0.272	1186	11857	1186	0.000	0.000	0.00	Dry
7.5	0.030	0.302	1293	13151	1293	0.000	0.000	0.00	Dry
8	0.030	0.332	1293	14444	1293	0.000	0.000	0.00	Dry
8.5	0.035	0.366	1509	15953	1509	0.000	0.000	0.00	Dry
9	0.040	0.406	1725	17678	1725	0.000	0.000	0.00	Dry
9.5	0.042	0.448	1832	19510	1832	0.000	0.000	0.00	Dry
10	0.049	0.497	2156	21666	2156	0.000	0.000	0.00	Dry
10.5	0.062	0.559	2695	24361	2695	0.000	0.000	0.00	Dry
11	0.079	0.638	3449	27810	3449	0.000	0.000	0.00	Dry
11.5	0.124	0.762	5390	33200	5390	0.000	0.000	0.00	Dry
12	0.740	1.502	32230	65429	12600	0.000	19629.512	0.45	2.92

Basin 12-3 Stage-Storage



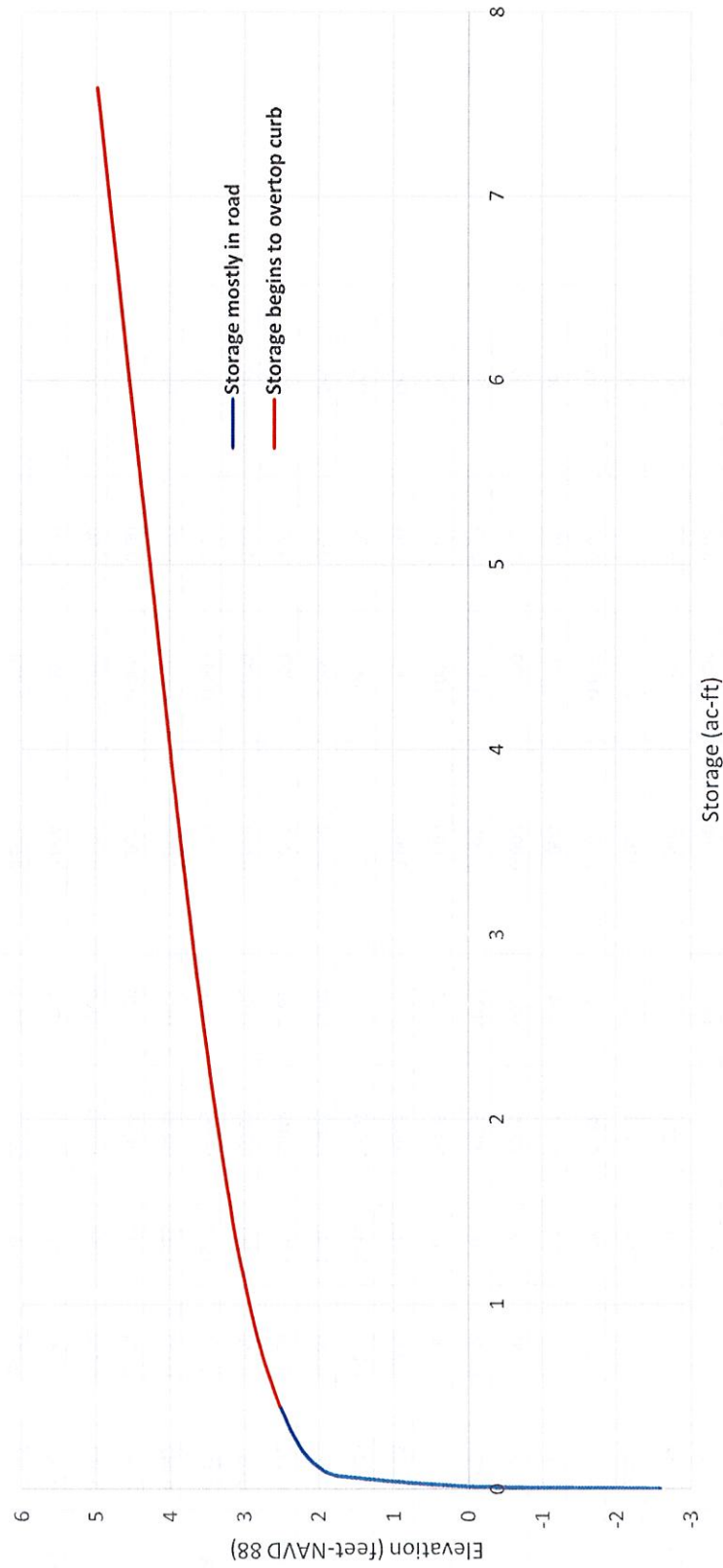
12.5	0.539	3.457	23458	150592	23458	10741.995	17682.499	0.41	2.65
13	0.183	3.640	7959	158551	7959	17682.499	0.000	0.00	Dry
13.5	0.135	3.774	5865	164415	5865	0.000	0.000	0.00	Dry
14	0.106	3.880	4608	169023	4608	0.000	0.000	0.00	Dry
14.5	0.091	3.972	3979	173003	3979	0.000	0.000	0.00	Dry
15	0.077	4.049	3351	176354	3351	0.000	0.000	0.00	Dry
15.5	0.072	4.121	3142	179496	3142	0.000	0.000	0.00	Dry
16	0.063	4.183	2723	182218	2723	0.000	0.000	0.00	Dry
16.5	0.058	4.241	2513	184732	2513	0.000	0.000	0.00	Dry
17	0.053	4.294	2304	187036	2304	0.000	0.000	0.00	Dry
17.5	0.053	4.347	2304	189340	2304	0.000	0.000	0.00	Dry
18	0.043	4.390	1885	191225	1885	0.000	0.000	0.00	Dry
18.5	0.048	4.438	2094	193319	2094	0.000	0.000	0.00	Dry
19	0.038	4.476	1676	194995	1676	0.000	0.000	0.00	Dry
19.5	0.043	4.520	1885	196880	1885	0.000	0.000	0.00	Dry
20	0.038	4.558	1676	198555	1676	0.000	0.000	0.00	Dry
20.5	0.034	4.592	1466	200021	1466	0.000	0.000	0.00	Dry
21	0.034	4.626	1466	201488	1466	0.000	0.000	0.00	Dry
21.5	0.034	4.659	1466	202954	1466	0.000	0.000	0.00	Dry
22	0.034	4.693	1466	204420	1466	0.000	0.000	0.00	Dry
22.5	0.034	4.727	1466	205886	1466	0.000	0.000	0.00	Dry
23	0.029	4.755	1257	207143	1257	0.000	0.000	0.00	Dry
23.5	0.029	4.784	1257	208399	1257	0.000	0.000	0.00	Dry
24	0.024	4.808	1047	209446	1047	0.000	0.000	0.00	Dry



Basin 12-4 Routing Table

Time (Hour)	Inflow (ac-ft)	Cumulative Inflow (ac- ft)	Inflow (cf)	Cumulative Inflow (cf)	Outflow (cf)	Additional Discharge from Storage(cf)	Amount Stored (cf)	Amount Stored (ac- ft)	Approximate Stage (ft-NAVD 88)
0	0.000	0.000	0.000	0.000	0	0.000	0.000	0.00	
0.5	0.020	0.020	877	877	877	0.000	0.000	0.00	Dry
1	0.020	0.040	877	1755	877	0.000	0.000	0.00	Dry
1.5	0.023	0.064	1024	2778	1024	0.000	0.000	0.00	Dry
2	0.020	0.084	877	3656	877	0.000	0.000	0.00	Dry
2.5	0.023	0.107	1024	4679	1024	0.000	0.000	0.00	Dry
3	0.023	0.131	1024	5703	1024	0.000	0.000	0.00	Dry
3.5	0.027	0.158	1170	6873	1170	0.000	0.000	0.00	Dry
4	0.023	0.181	1024	7896	1024	0.000	0.000	0.00	Dry
4.5	0.027	0.208	1170	9066	1170	0.000	0.000	0.00	Dry
5	0.030	0.238	1316	10382	1316	0.000	0.000	0.00	Dry
5.5	0.030	0.269	1316	11698	1316	0.000	0.000	0.00	Dry
6	0.030	0.299	1316	13014	1316	0.000	0.000	0.00	Dry
6.5	0.034	0.332	1462	14477	1462	0.000	0.000	0.00	Dry
7	0.037	0.369	1609	16085	1609	0.000	0.000	0.00	Dry
7.5	0.040	0.410	1755	17840	1755	0.000	0.000	0.00	Dry
8	0.040	0.450	1755	19595	1755	0.000	0.000	0.00	Dry
8.5	0.047	0.497	2047	21642	2047	0.000	0.000	0.00	Dry
9	0.054	0.551	2340	23982	2340	0.000	0.000	0.00	Dry
9.5	0.057	0.608	2486	26467	2486	0.000	0.000	0.00	Dry
10	0.067	0.675	2925	29392	2925	0.000	0.000	0.00	Dry
10.5	0.084	0.759	3656	33048	3656	0.000	0.000	0.00	Dry
11	0.107	0.866	4679	37727	4679	0.000	0.000	0.00	Dry
11.5	0.168	1.034	7311	45039	7311	0.000	0.000	0.00	Dry
12	1.004	2.038	43723	88761	16200	0.000	27522.509	0.63	2.95

Basin 12-5 Stage-Storage



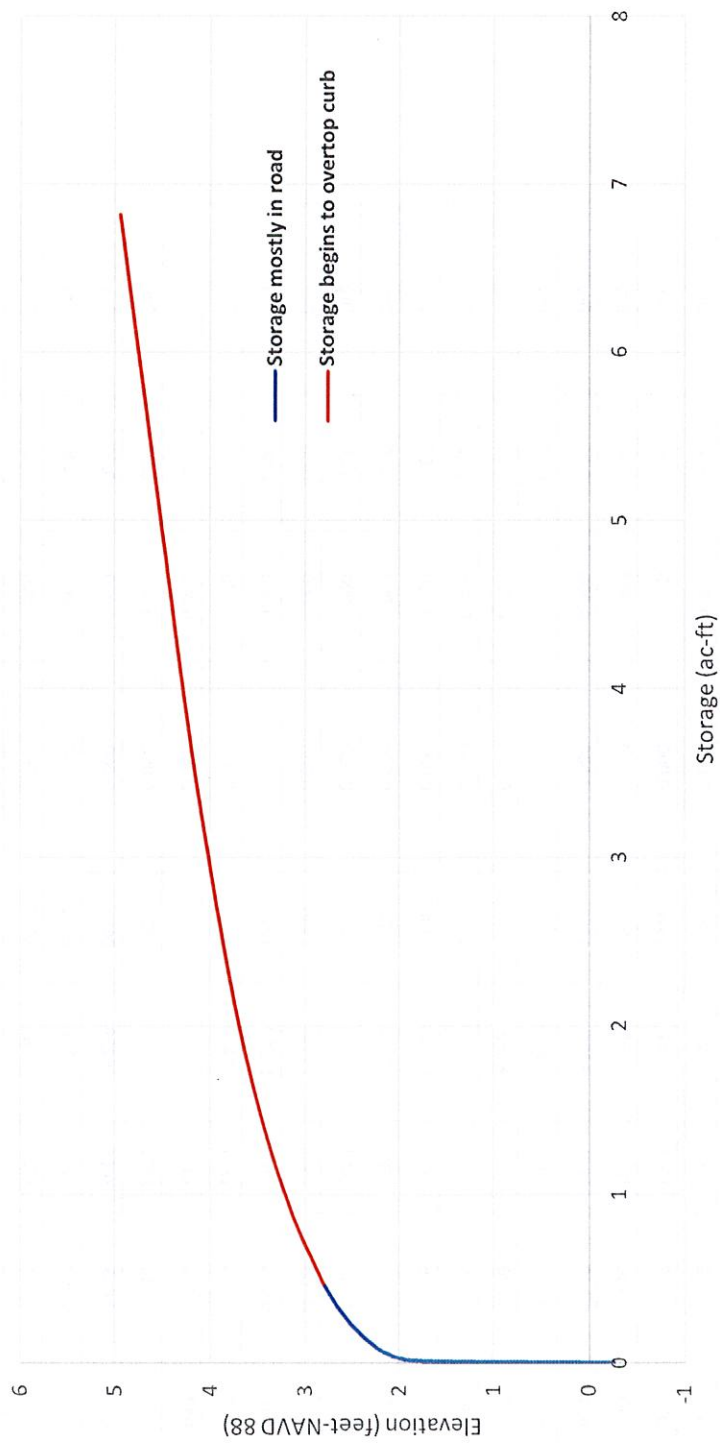
12.5	0.092	1.873	12707	81575	12707	1692.919	17830.448	0.41	2.49
13	0.099	1.972	4311	85886	4311	10088.669	7741.779	0.18	2.17
13.5	0.073	2.045	3177	89063	3177	7741.779	0.000	0.00	Dry
14	0.057	2.102	2496	91559	2496	0.000	0.000	0.00	Dry
14.5	0.049	2.151	2156	93715	2156	0.000	0.000	0.00	Dry
15	0.042	2.193	1815	95530	1815	0.000	0.000	0.00	Dry
15.5	0.039	2.232	1702	97232	1702	0.000	0.000	0.00	Dry
16	0.034	2.266	1475	98707	1475	0.000	0.000	0.00	Dry
16.5	0.031	2.297	1361	100068	1361	0.000	0.000	0.00	Dry
17	0.029	2.326	1248	101316	1248	0.000	0.000	0.00	Dry
17.5	0.029	2.355	1248	102564	1248	0.000	0.000	0.00	Dry
18	0.023	2.378	1021	103585	1021	0.000	0.000	0.00	Dry
18.5	0.026	2.404	1135	104720	1135	0.000	0.000	0.00	Dry
19	0.021	2.425	908	105628	908	0.000	0.000	0.00	Dry
19.5	0.023	2.448	1021	106649	1021	0.000	0.000	0.00	Dry
20	0.021	2.469	908	107556	908	0.000	0.000	0.00	Dry
20.5	0.018	2.487	794	108351	794	0.000	0.000	0.00	Dry
21	0.018	2.506	794	109145	794	0.000	0.000	0.00	Dry
21.5	0.018	2.524	794	109939	794	0.000	0.000	0.00	Dry
22	0.018	2.542	794	110733	794	0.000	0.000	0.00	Dry
22.5	0.018	2.560	794	111527	794	0.000	0.000	0.00	Dry
23	0.016	2.576	681	112208	681	0.000	0.000	0.00	Dry
23.5	0.016	2.592	681	112889	681	0.000	0.000	0.00	Dry
24	0.013	2.605	567	113456	567	0.000	0.000	0.00	Dry



Basin 12-6 Routing Table

Time (Hour)	Inflow (ac-ft)	Cumulative Inflow (ac-ft)	Inflow (cf)	Cumulative Inflow (cf)	Outflow (cf)	Additional Discharge from Storage (cf)	Amount Stored (cf)	Amount Stored (ac- ft)	Approximate Stage (ft-NAVD 88)
0	0.000	0.000	0.000	0.000	0	0.000	0.000	0.00	
0.5	0.019	0.019	837	837	837	0.000	0.000	0.00	Dry
1	0.019	0.038	837	1673	837	0.000	0.000	0.00	Dry
1.5	0.022	0.061	976	2649	976	0.000	0.000	0.00	Dry
2	0.019	0.080	837	3486	837	0.000	0.000	0.00	Dry
2.5	0.022	0.102	976	4461	976	0.000	0.000	0.00	Dry
3	0.022	0.125	976	5437	976	0.000	0.000	0.00	Dry
3.5	0.026	0.150	1115	6553	1115	0.000	0.000	0.00	Dry
4	0.022	0.173	976	7529	976	0.000	0.000	0.00	Dry
4.5	0.026	0.198	1115	8644	1115	0.000	0.000	0.00	Dry
5	0.029	0.227	1255	9899	1255	0.000	0.000	0.00	Dry
5.5	0.029	0.256	1255	11154	1255	0.000	0.000	0.00	Dry
6	0.029	0.285	1255	12408	1255	0.000	0.000	0.00	Dry
6.5	0.032	0.317	1394	13803	1394	0.000	0.000	0.00	Dry
7	0.035	0.352	1534	15336	1534	0.000	0.000	0.00	Dry
7.5	0.038	0.390	1673	17009	1673	0.000	0.000	0.00	Dry
8	0.038	0.429	1673	18682	1673	0.000	0.000	0.00	Dry
8.5	0.045	0.474	1952	20634	1952	0.000	0.000	0.00	Dry
9	0.051	0.525	2231	22865	2231	0.000	0.000	0.00	Dry
9.5	0.054	0.579	2370	25235	2370	0.000	0.000	0.00	Dry
10	0.064	0.643	2788	28024	2788	0.000	0.000	0.00	Dry
10.5	0.080	0.723	3486	31509	3486	0.000	0.000	0.00	Dry
11	0.102	0.826	4461	35971	4461	0.000	0.000	0.00	Dry
11.5	0.160	0.986	6971	42942	6971	0.000	0.000	0.00	Dry
12	0.957	1.943	41687	84629	19800	0.000	21886.927	0.50	2.52

Basin 12-7 Stage-Storage



12.5	0.373	2.395	16248	104309	16248	7151.625	12825.732	0.29	2.61
13	0.127	2.521	5513	109822	5513	12825.732	0.000	0.00	Dry
13.5	0.093	2.614	4062	113884	4062	0.000	0.000	0.00	Dry
14	0.073	2.688	3192	117075	3192	0.000	0.000	0.00	Dry
14.5	0.063	2.751	2756	119832	2756	0.000	0.000	0.00	Dry
15	0.053	2.804	2321	122153	2321	0.000	0.000	0.00	Dry
15.5	0.050	2.854	2176	124329	2176	0.000	0.000	0.00	Dry
16	0.043	2.898	1886	126215	1886	0.000	0.000	0.00	Dry
16.5	0.040	2.937	1741	127956	1741	0.000	0.000	0.00	Dry
17	0.037	2.974	1596	129552	1596	0.000	0.000	0.00	Dry
17.5	0.037	3.011	1596	131148	1596	0.000	0.000	0.00	Dry
18	0.030	3.041	1306	132453	1306	0.000	0.000	0.00	Dry
18.5	0.033	3.074	1451	133904	1451	0.000	0.000	0.00	Dry
19	0.027	3.101	1161	135065	1161	0.000	0.000	0.00	Dry
19.5	0.030	3.131	1306	136370	1306	0.000	0.000	0.00	Dry
20	0.027	3.157	1161	137531	1161	0.000	0.000	0.00	Dry
20.5	0.023	3.181	1016	138546	1016	0.000	0.000	0.00	Dry
21	0.023	3.204	1016	139562	1016	0.000	0.000	0.00	Dry
21.5	0.023	3.227	1016	140577	1016	0.000	0.000	0.00	Dry
22	0.023	3.251	1016	141593	1016	0.000	0.000	0.00	Dry
22.5	0.023	3.274	1016	142609	1016	0.000	0.000	0.00	Dry
23	0.020	3.294	870	143479	870	0.000	0.000	0.00	Dry
23.5	0.020	3.314	870	144349	870	0.000	0.000	0.00	Dry
24	0.017	3.330	725	145075	725	0.000	0.000	0.00	Dry



Basin 12-8 Routing Table

Time (Hour)	Inflow (ac-ft)	Cumulative Inflow (ac-ft)	Inflow (cf)	Cumulative Inflow (cf)	Outflow (cf)	Additional Discharge from Storage (cf)	Amount Stored (cf)	Amount Stored (ac- ft)	Approximate Stage (ft-NAVD 88)
0	0.000	0.000	0.000	0.000	0	0.000	0.000	0.00	
0.5	0.026	0.026	1141	1141	1141	0.000	0.000	0.00	Dry
1	0.026	0.052	1141	2281	1141	0.000	0.000	0.00	Dry
1.5	0.031	0.083	1331	3612	1331	0.000	0.000	0.00	Dry
2	0.026	0.109	1141	4753	1141	0.000	0.000	0.00	Dry
2.5	0.031	0.140	1331	6084	1331	0.000	0.000	0.00	Dry
3	0.031	0.170	1331	7414	1331	0.000	0.000	0.00	Dry
3.5	0.035	0.205	1521	8935	1521	0.000	0.000	0.00	Dry
4	0.031	0.236	1331	10266	1331	0.000	0.000	0.00	Dry
4.5	0.035	0.271	1521	11787	1521	0.000	0.000	0.00	Dry
5	0.039	0.310	1711	13498	1711	0.000	0.000	0.00	Dry
5.5	0.039	0.349	1711	15209	1711	0.000	0.000	0.00	Dry
6	0.039	0.388	1711	16920	1711	0.000	0.000	0.00	Dry
6.5	0.044	0.432	1901	18821	1901	0.000	0.000	0.00	Dry
7	0.048	0.480	2091	20912	2091	0.000	0.000	0.00	Dry
7.5	0.052	0.532	2281	23193	2281	0.000	0.000	0.00	Dry
8	0.052	0.585	2281	25475	2281	0.000	0.000	0.00	Dry
8.5	0.061	0.646	2662	28136	2662	0.000	0.000	0.00	Dry
9	0.070	0.716	3042	31178	3042	0.000	0.000	0.00	Dry
9.5	0.074	0.790	3232	34410	3232	0.000	0.000	0.00	Dry
10	0.087	0.877	3802	38212	3802	0.000	0.000	0.00	Dry
10.5	0.109	0.986	4753	42965	4753	0.000	0.000	0.00	Dry
11	0.140	1.126	6084	49048	6084	0.000	0.000	0.00	Dry
11.5	0.218	1.344	9505	58554	9505	0.000	0.000	0.00	Dry
12	1.305	2.649	56843	115397	41400	0.000	15442.774	0.35	2.60



EXHIBIT D: 100-YEAR STORM INUNDATION WITH ALTERNATIVE CONCEPTS IMPLEMENTED

Maritana Neighborhood Water Threats Adaptation:
Multiple Stormwater Pump Stations Concept

AVO 42109.030



EXHIBIT E: SUBBASIN MAXIMUM STAGE AND ROAD FLOODING DURATION

Maritana Neighborhood Water Threats Adaptation:
Multiple Stormwater Pump Stations Concept

AVO 42109.030



EXHIBIT F: OPINION OF PROBABLE COST (OPCC)

**Maritana Neighborhood Water Threats Adaptation:
Multiple Stormwater Pump Stations Concept**

AVO 42109.030



EXHIBIT G: SEAWALL OWNERSHIP MAP

Maritana Neighborhood Water Threats Adaptation:
Multiple Stormwater Pump Stations Concept

AVO 42109.030

APPENDIX A: ENVIRONMENTAL REVIEW AND SUMMARY FINDINGS

Maritana Neighborhood Water Threats Adaptation: Multiple Stormwater Pump Stations Concept

AVO 42109.030

Mammal Protection Act of 1972, and manatees are considered federally threatened under the Endangered Species Act as of May 2017. Standard manatee conditions for in-water work will be required for any construction activity in the area.

Nine known bald eagle (*Haliaeetus leucocephalus*) nests are recorded within 5 miles of the center of the Project Site. Nest PI910 is the closest recorded nest to the Project Site, located approximately 1.09 miles to the east and was recorded as having an unknown status during 2022 nesting season. No impact to this nest or to others would result from development of the site.

A bird rookery was located on a small island between W Maritana Drive and Pass A Grille Way. Wading bird species such as white ibis (*Eudocimus albus*) and wood stork (*Mycteria americana*) were observed on the bird rookery during the site visit. The Project Site does contain suitable foraging, breeding, and nesting habitat for some saltwater wading and shoreline birds. According to FWC Species Conservation Measures and Permitting Guidelines for snowy egret and white ibis, a 330 ft buffer should be implemented around active nests to reduce disturbance. State coordination and permits may be needed from FWC for construction activities near the rookery.

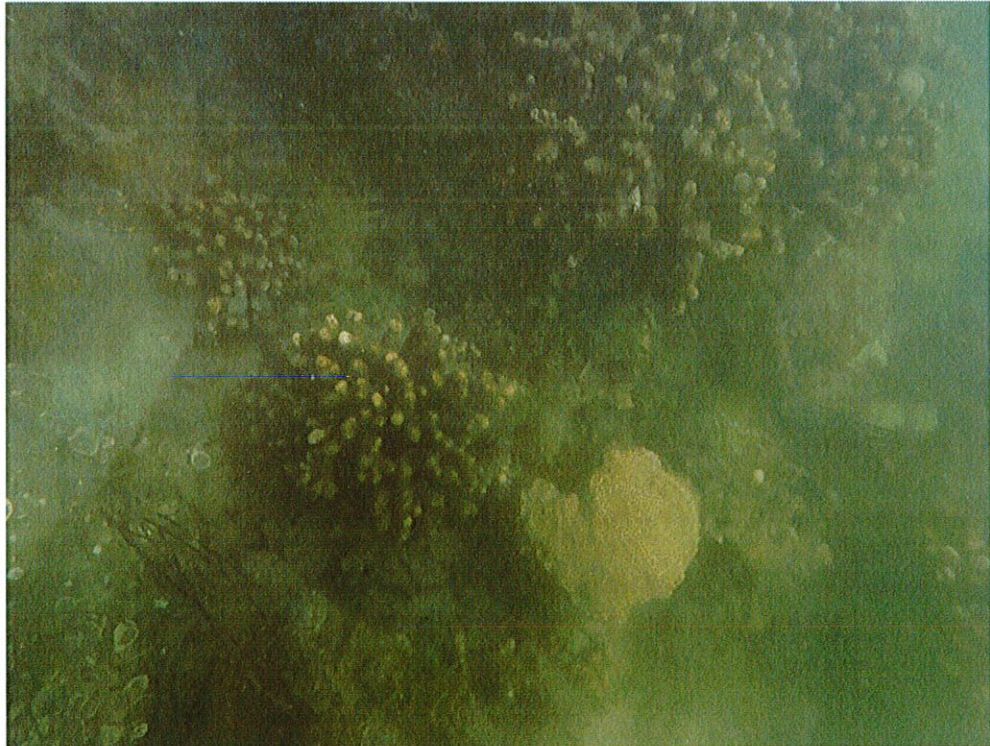
Loggerhead sea turtle	<i>Caretta caretta</i>	FT	Marine coastal and oceanic waters; nest on coastal sand beaches, often near the dune line, sufficiently high to avoid tidal inundation. Hatchlings use offshore floating sargassum mats; juveniles frequent coastal bays, inlets, and lagoons.	Medium	None observed, but the species could potentially be found in the Project Site.
BIRDS					
Bald eagle	<i>Haliaeetus leucocephalus</i>	N*	Nests predominantly in tall, mature pine trees, or tall man-made structure (cell towers)) that provide clear views of surrounding area.	Low	None observed and the closest active nest is 1.09 miles away.
Little blue heron	<i>Egretta caerulea</i>	ST	Inhabit fresh, salt, and brackish water environments in Florida including swamps, estuaries, ponds, lakes, and rivers.	Medium	None observed, but the species could potentially be found in the Project Site
Tricolored heron	<i>Egretta tricolor</i>	ST	Inhabit fresh and saltwater marshes, estuaries, mangrove swamps, lagoons, and river deltas	Medium	None observed, but the species could potentially be found in the Project Site
American oystercatcher	<i>Haematopus palliatus</i>	ST	Inhabits beaches, sandbars, spoils islands, shell rakes, salt marsh, and oyster reefs. Nests in shallow scrapes in the sand or shell, often on open or sparsely vegetated beaches or spoil islands.	Low	None observed, but the species could potentially be found in the Project Site.

Table 2. Non-listed Wildlife Species Observed on the Project Site.

Common Name	Scientific Name
Birds	
Cattle egret	<i>Bubulcus ibis</i>
Brown pelican	<i>Pelecanus occidentalis</i>
Osprey	<i>Pandion haliaetus</i>
Northern cardinal	<i>Cardinalis cardinalis</i>
Red-shouldered hawk	<i>Buteo lineatus</i>
American crow	<i>Corvus brachyrhynchos</i>
Mourning dove	<i>Zenaida macroura</i>
Northern mockingbird	<i>Mimus polyglottos</i>
Mammals	
Eastern grey squirrel	<i>Sciurus carolinensis</i>
Reptiles	
Brown anole	<i>Anolis sagrei</i>



Photograph 3. Bird rookery identified on far west side of the Project Area.

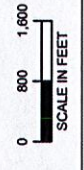


Photograph 4. Hard coral located along the far east side of the Project Area.



Legend

Seawall

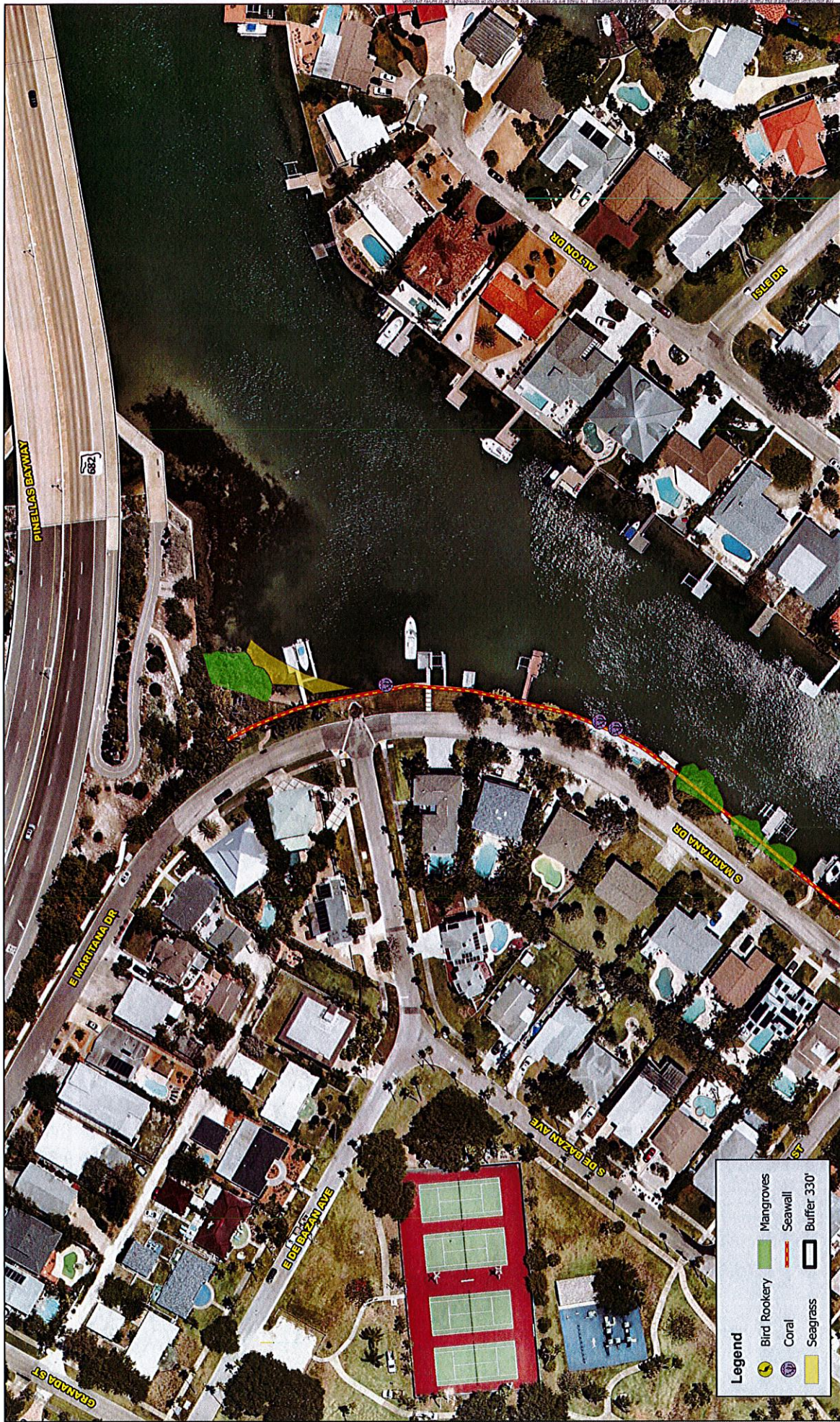


42109.030
Maritana Sea Wall

Location Map

1000 N. Ashley Drive
Suite 900
Tampa, Florida 33602
813-620-4500



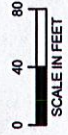


1000 N. Ashley Drive
Suite 900
Tampa, Florida 33602
813-620-4500



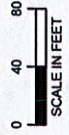
Aquatic Resources Map Page 1 of 6

42109.030
Maritana Sea Wall





42109.030
Maritana Sea Wall



Aquatic Resources Map
Page 3 of 6



1000 N. Ashley Drive
Suite 900
Tampa, Florida 33602
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Fig. 1:42000x42109.030 Maritana Neighborhood Waterfronts Adaptation Map: SWP Concept: Maritana Sea Wall.aprx



1000 N. Ashley Drive
Suite 900
Tampa, Florida 33602
813-620-4500



Aquatic Resources Map

Page 5 of 6

42109.030
Maritana Sea Wall



APPENDIX B: LIVING SHORELINE CONCEPTS

Maritana Neighborhood Water Threats Adaptation:
Multiple Stormwater Pump Stations Concept

AVO 42109.030

**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Issue Considered: Seawall Outfall Rehabilitation Don Cesar Neighborhood 5 Locations

Strategic Objective: Resilience

Date: June 11, 2024

Prepared By: Mike Clarke, Public Works Director

Through: Wayne Saunders, Interim City Manager

Summary of Issue: The City requested a task order proposal from Halff Associates, Inc. under the existing continuing engineering services contract to design improvements to the stormwater outfall structures at Alfonso, Alhambra, Don Jose, 3107 Maritana, and 37th Ave.

These outfalls, constructed in 2021, currently employ tidal check valves to help prevent tidal flooding during normal tidal activities. Since the completion of these outfalls, it has been observed that trash, landscape waste, and other debris are becoming lodged in the tidal check valves, preventing full closure and allowing tidal water to flow back into the streets.

The design completed under this proposed task order will incorporate baffle boxes to remove debris upstream of the valve to improve performance. The check valve will be placed in a short length of pipe, in a vault, in a cradle to support the pipe section. Handles will be attached to the pipe for lifting and easy disconnects will be attached to each end of the pipe to separate the short pipe to allow it to be raised to street level for inspection and maintenance.

The cost for this design is \$57,940.00 and is scheduled to be completed in 180 days after the award.

Funding: CIP – Don CeSar Neighborhood Resiliency (301-0061)

Requested Motion: “I move to approve the task order under the continuing engineering services contract with Halff Associates, Inc. for Outfall Modifications at Alfonso, Alhambra, Don Jose, 3107 W Maritana, and 37th Ave in the amount of \$57,940.00 and authorize the City Manager to sign the task order.”

Attachment:

1. Task Order from Halff Associates, Inc.
2. Location map.



TASK ORDER FORM - CONTINUING CONTRACT FOR PROFESSIONAL DESIGN SERVICES

<i>Date of Task Order Request</i>	April 1, 2024
<i>Firm Selected for Task</i>	Halff Associates, Inc.
<i>Task (Project) Name</i>	Seawall Outfall Modification at Alfonso, Alhambra, Don Jose, 3107 Maritana, and 37th
<i>Task Description (and other relevant details)</i>	1. Kickoff Meeting and Site Visit 2. Manufacturer Coordination 3. Design Drawings and Specifications 4. Bid Services 5. Pre-Construction Meeting 6. Construction Site Visits
<i>Task Budget</i>	\$57,940.00
<i>Conflict of Interest</i>	(N) If yes, describe.
<i>Task Order Completion Date</i>	180 days after NTP

Pursuant to section 13.4 of your contract with the City, your signature below shall attest that no conflict exists between the tasks described herein and any work Halff Associates, Inc. is performing for any private client.

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:

_____ Wayne Saunders Interim City Manager City of St. Pete Beach	_____ Date	 _____ Antonio Serbia, PE Team Leader Halff Associates, Inc.	_____ 4/1/24 Date
 _____ Brett Warner, PE Michael F. Clarke Assistant Public Works Director City of St. Pete Beach	_____ May 29, 2024 Date		



Halff Associates, Inc.
Agreement for Continuing Contract for Professional Engineering Services
Task Order #42109.046

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
bwarner@stpetebeach.org

April 1, 2024
42109.046

**RE: SEAWALL OUTFALL MODIFICATION AT ALFONSO, ALHAMBRA, DON JOSE,
3107 MARITANA, AND 37TH (TO #42109.046)**

Site Location:

County: Pinellas County State: Florida

Dear Mr. Warner:

Halff Associates, Inc. (HALFF) is pleased to submit Task Order #42109.046 to provide the City of St. Pete Beach (CLIENT) with professional engineering services for design, bid & construction phase services for the Don Cesar Seawall Outfall Modifications project. This scope of services will be executed under our Continuing Services Contract for Professional Design Services dated January 9, 2024.

Background and Scope of Services

As a proactive approach to rising sea levels, the CLIENT has installed backflow preventors at the following outfalls:

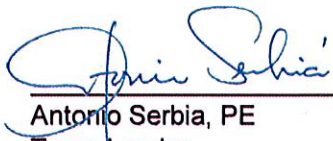
- Alfonso Street and W Maritana Dr (27.706821, -82.734378)
- Alhambra Street and W Maritana Dr (27.708100, -82.734730)
- Don Jose Street and S Maritana Dr (27.706434, -82.732016)
- 3107 W Maritana Dr (27.705500, -82.734157)
- 37th Ave and E Maritana Dr (27.713188, -82.736359)



In the installed condition, the backflow preventors require regular maintenance to clear debris and barnacle growth to allow the system to operate as designed. The current outfalls are difficult to clean due to their location and tidal conditions. The work highlighted in the below tasks proposes installing a backflow preventor and baffle box at each intersection downstream of the stormwater pipe network's final inlet, to allow the CLIENT to better maintain the existing system. The existing backflow preventors will be removed from the seawalls. HALFF understands the CLIENT will provide previous design as-builts and surveys at each outfall in AutoCAD format. Survey is specifically excluded from this scope. The project areas are shown in Attachment A.

Sincerely,

HALFF


Antonio Serbia, PE 4/1/24
Team Leader Date

SCOPE OF SERVICES

TASK 100 KICKOFF MEETING AND SITE VISIT

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

Deliverables:

PDFs of meeting minutes.

TASK 200 MANUFACTURER COORDINATION

HALFF will coordinate with the CLIENT's preferred baffle box manufacturer, Suntree. HALFF will assist in the selection of most appropriate equipment during the design and installation process.

TASK 300 DESIGN DRAWINGS AND SPECIFICATIONS

HALFF will prepare 30% 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 CLIENT review and comment. Plans will be prepared in AutoCAD (v. 2020 or newer.) There is no permitting anticipated with this project. Permitting is specifically excluded from this scope.

The plan sheets anticipated include:

- A. Cover Sheet
- B. General Notes
- C. Existing Conditions
- D. Site/Grading
- E. Baffle Box Details
- F. Backflow Preventor Access/Maintenance Vault Details

Deliverables:

Deliverables will include submittals (PDFs) of the 30% and final design drawings for CLIENT review. OPCC's will also be included with each submittal. An AutoCAD file of the final drawings will also be provided. Two weeks are included in the schedule for CLIENT review and comment, for each submittal. CLIENT comments will be addressed and included in subsequent submittals.

TASK 400 BID SERVICES

Review and Respond to Contractors RFIs, assist in the Development of Addendums, and assist in the analysis of Bids.

Deliverables:

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

TASK 500 PRE-CONSTRUCTION MEETING

Attend an onsite preconstruction meeting with CLIENT and their preferred contractor.

Deliverables:

PDFs of meeting minutes.

TASK 600 CONSTRUCTION SITE VISITS

Attend up to three (3) site visits at the CLIENT's request to inspect installation/construction of proposed infrastructure. Attending and facilitating construction progress meetings is not included in this scope.

Deliverables:

Notes & photos of site visit.

COMPENSATION

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.

FEE SCHEDULE

The CLIENT shall pay HALFF the following fees for its services:

PROFESSIONAL SERVICES FEE SUMMARY			
Project Tasks		Lump Sum Fee	Hourly Estimated Fee
Task 100	Kickoff Meeting and Site Visit		\$2,520.00
Task 200	Manufacturer Coordination	\$4,050.00	N/A
Task 300	Design Drawings and Specifications	\$40,200.00	N/A
Task 400	Bid Services	\$4,830.00	N/A
Task 500	Pre-Construction Meeting	N/A	\$3,240.00
Task 600	Construction Site Visits	N/A	\$2,560.00
		\$49,080.00	\$8,320.00
TOTAL		\$57,940.00	

Notes:

1. Permit fees will be paid by the CLIENT.
2. The total lump sum fee will not exceed \$57,940.00 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's Scope of Services expressly does NOT include the following services or specific tasks under such services which are the obligation of the CLIENT or Owner, as the case may be. If required, excluded services can be provided by HALFF as Additional Services when so authorized in writing by the CLIENT.

ENVIRONMENTAL & ARCHAEOLOGICAL

1. Environmental impact and cultural statements and assessments, jurisdictional waters of the US determination and/or Threatened or Endangered Species Evaluation
2. USACE Coordination and/or preparation of a Preliminary Jurisdictional Determination
3. Environmental testing services of any kind
4. Researching title records for environmental liens or activity and use limitations
5. Preparation, coordination, or attendance for any Environmental Board Approvals or Board of Adjustment meetings
6. Archaeological or Geological assessments

ARCHITECTURAL & STRUCTURAL

7. Any services related to building design or vertical construction elements
8. Structural design of retaining walls (including landscape/decorative) and pond walls
9. Entry or Monument Sign design and permitting
10. LEED services

STORMWATER, FLOODPLAIN AND DRAINAGE

11. Flood studies, conditional (CLOMR) or final FEMA Letter of Map Revision (LOMR)
12. Offsite Drainage Plans
13. Floodplain reclamation studies
14. Hydrogeologic reports
15. Storm Water Conveyance Studies or Design for Offsite conveyance of storm water
16. Low Impact Development (LID) design techniques
17. Dam design (embankment taller than 6 feet) and analyses for probable maximum flood event

SURVEYING

18. Surveying services not included in task 200
19. Construction staking
20. Recording of utility easements or other materials
21. Post-construction Improvement Survey
22. Preparation of franchise utility easement plats, including staking of franchise utilities
23. Acquisition of off-site easements and rights-of-way
24. Platting and/or Lot or tract split
25. Condo exhibits or documentation
26. Preparation or modification of a unified development agreement or other restrictive covenant document

27. Preparation or modification of a license agreement

ZONING AND LANDUSE

28. Zoning and Land Use services including but not limited to Zoning/Land-use changes, Conditional-Use, Special-Use, Variance and/or Annexation processes
29. Preparation and processing of major variance requests from City Codes

TRAFFIC AND OTHER OFFSITE IMPROVEMENTS

30. Offsite infrastructure capacity studies/assessments/analysis/designs
31. Offsite roadway design, access, and right-of-way permitting services
32. Offsite water and sewer extensions

LANDSCAPE ARCHITECTURE

33. Tree mitigation

CONSTRUCTION SERVICES

34. Oversight, implementation, monitoring, reporting, and implementation of SWPPP measures during construction, including all fees associated there with
35. Quality control and construction material testing services
36. Additional punch lists and final walks for phased approach to building and site temporary or permanent certificates of occupancy
37. Record Drawings or As-Built for private development work (only public improvements are included in scope)

UTILITY SERVICES

38. Design of any facilities within the limits of the building and five (5) feet beyond
39. Fire protection system design
40. Design or specification of grinder pumps, force mains, or lift stations

GENERAL

41. Revisions to the plans requested by the Client after the plans are approved unless necessitated by discrepancy in the plans
42. Revisions to the plans due to scope changes, value engineering, budget overruns, or other reasons
43. Formal feasibility study
44. Federal and state regulatory agency file reviews that require more than 20 days to obtain files
45. Management and oversight of CLIENT's other team members
46. Out of town travel expenses and professional fees.

ATTACHMENT A



Legend

Project Area

Parcels

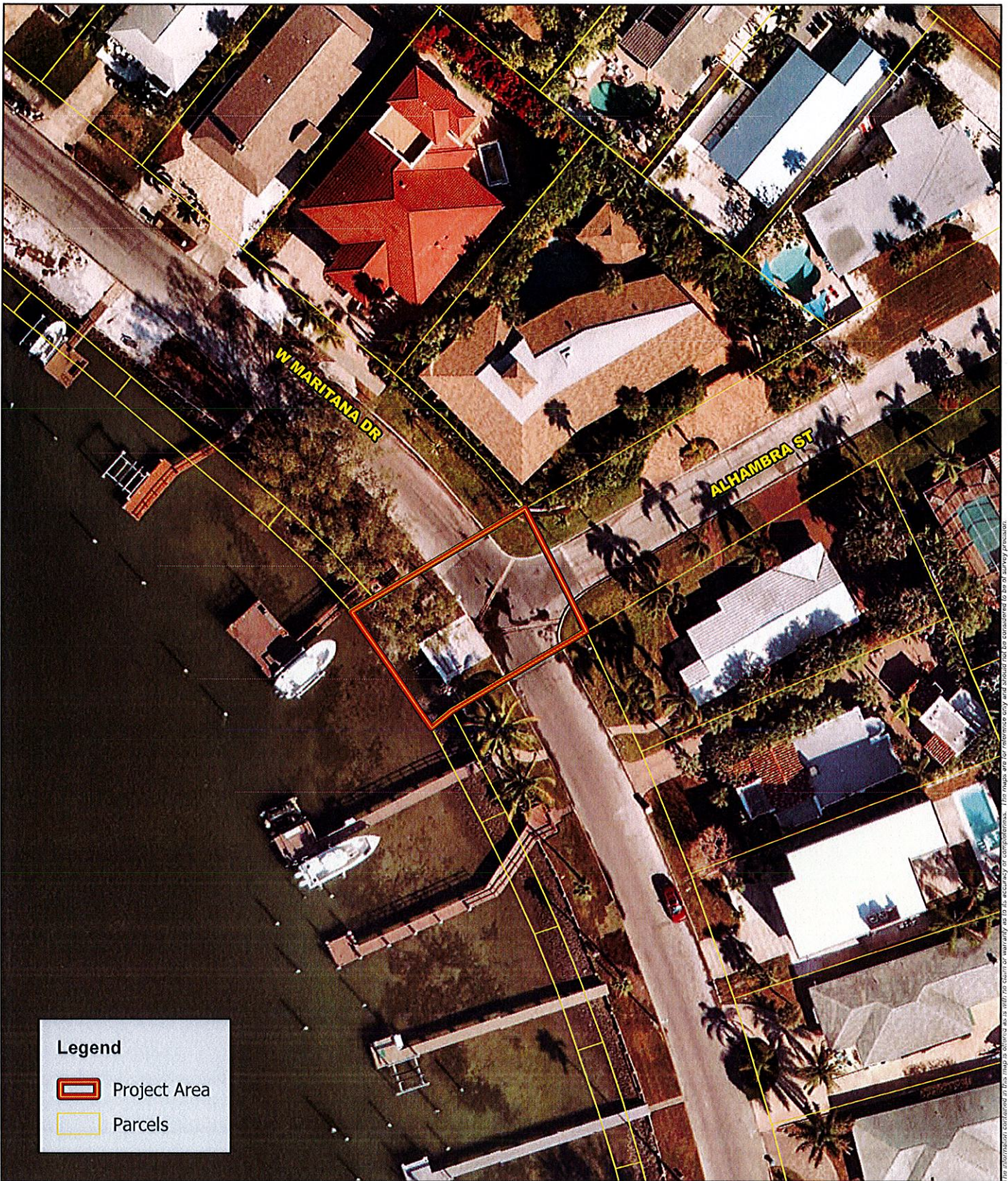


Alfonso Street and W Maritana Dr

1000 N. Ashley Drive
 Suite 900
 Tampa, Florida 33602
 813-620-4500



42109.046
 Don Cesar
 Seawall Outfalls

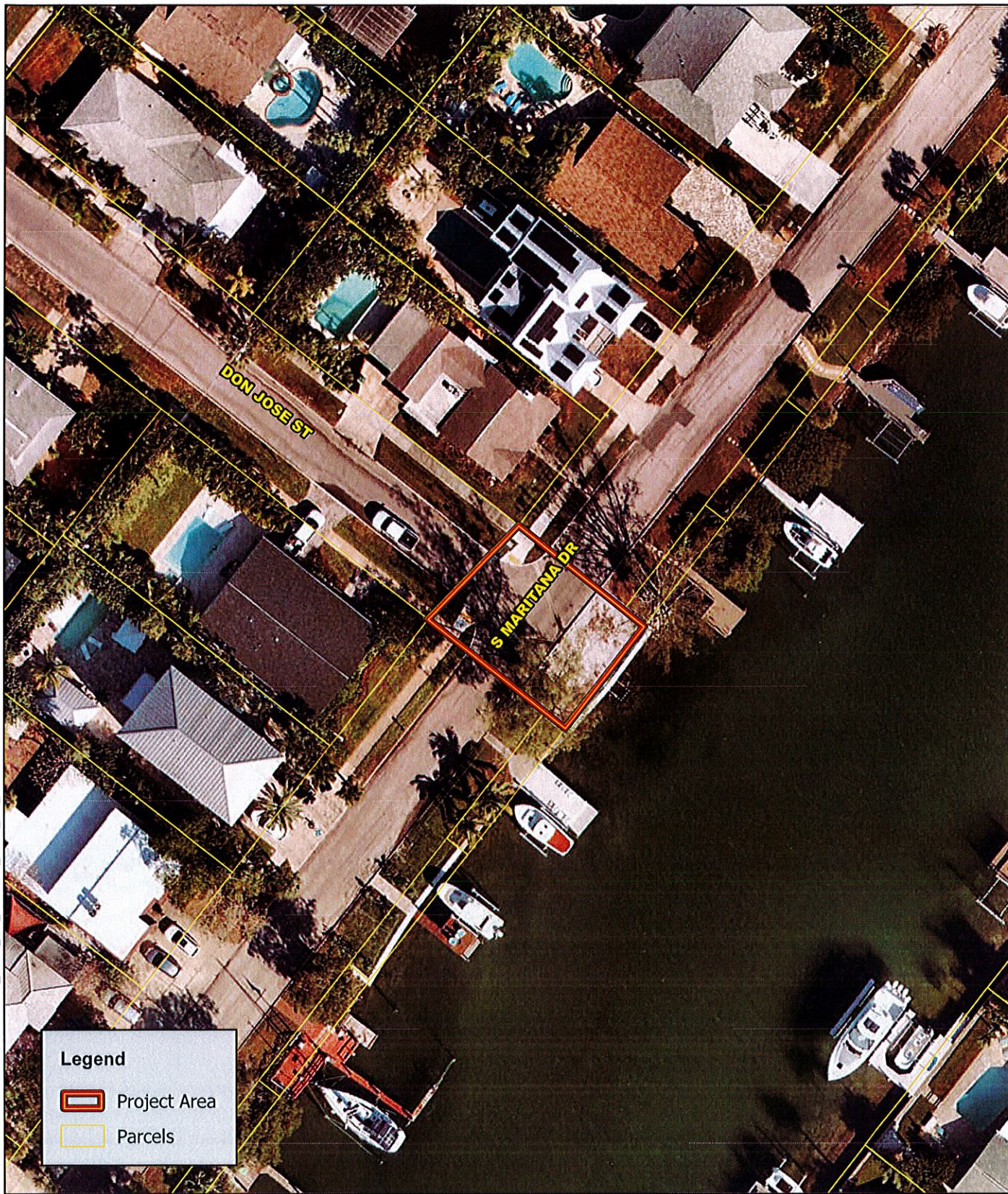


1000 N. Ashley Drive
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 813-620-4500



0 25 50
 SCALE IN FEET

42109.046
Don Cesar
Seawall Outfalls

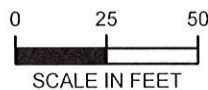


The information contained in this map is derived from aerial photography and is not intended to be used for any purpose other than for reference only and should not be considered for any of survey purposes.

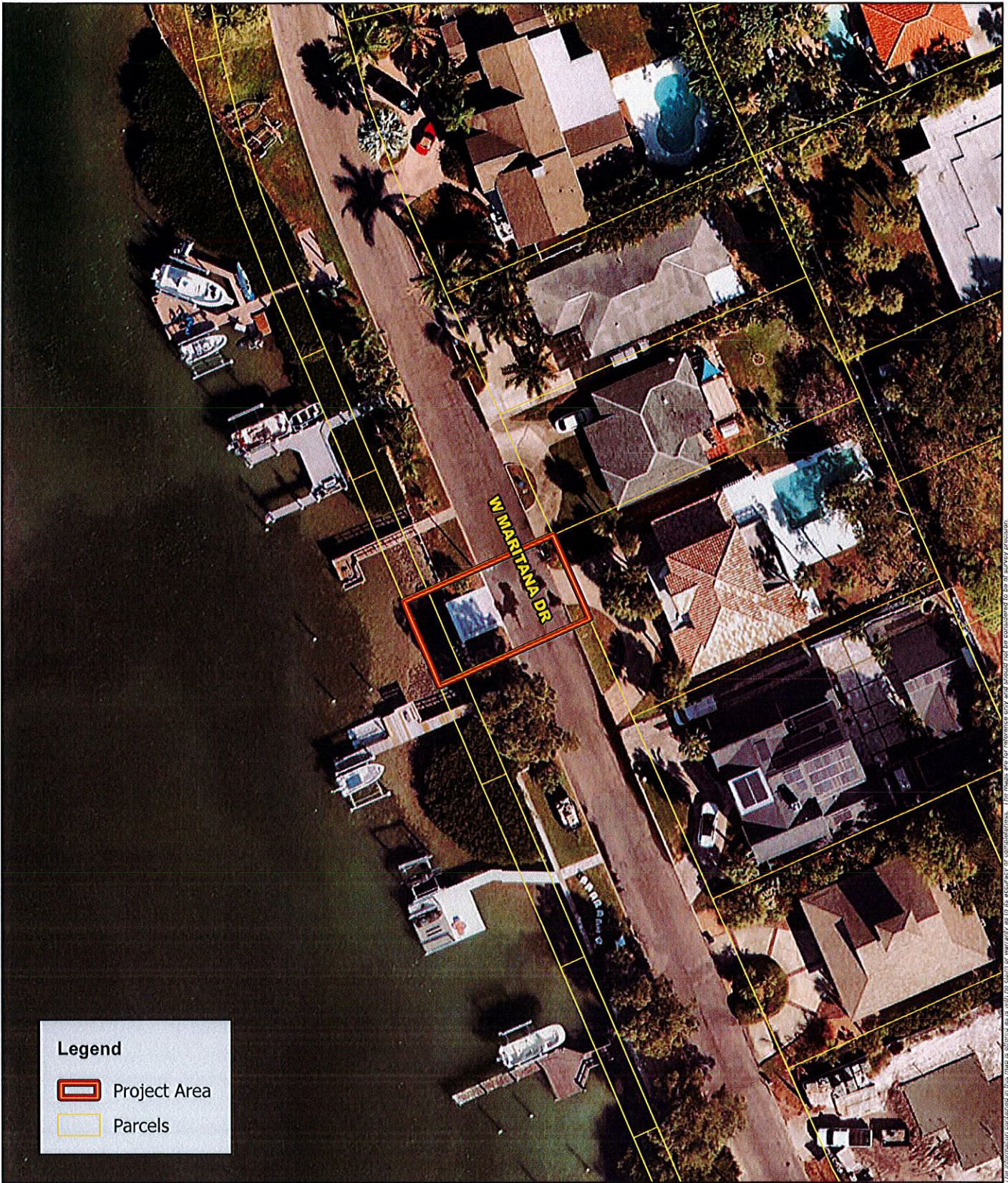


Don Jose Street and S Maritana Dr

1000 N. Ashley Drive
 Suite 900
 Tampa, Florida 33602
 813-620-4500



42109.046
 Don Cesar
 Seawall Outfalls



Legend

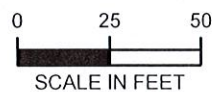
 Project Area

 Parcels

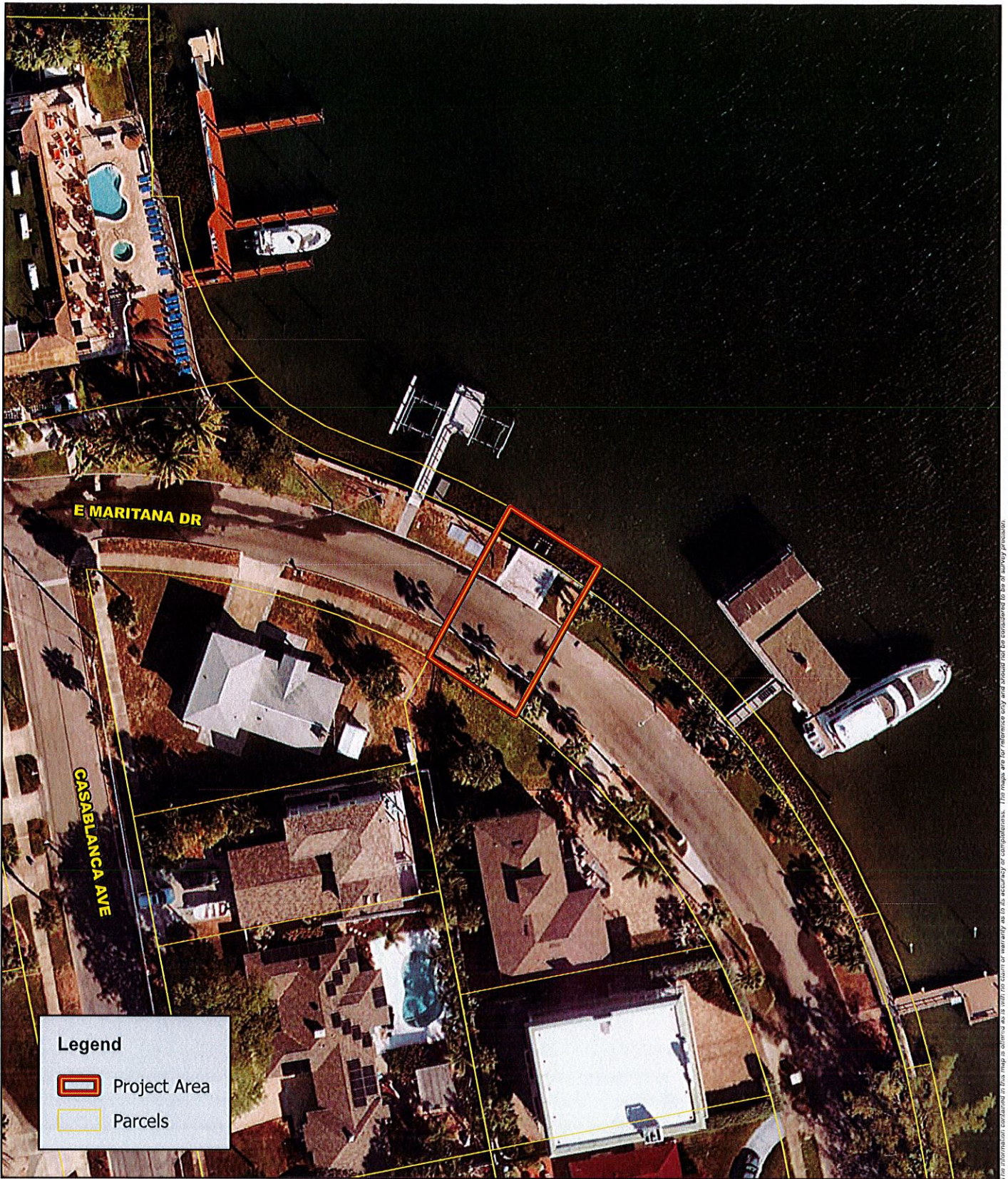


3107 W Maritana Dr

1000 N. Ashley Drive
Suite 900
Tampa, Florida 33602
813-620-4500

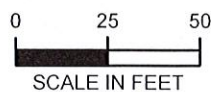


42109.046
Don Cesar
Seawall Outfalls



37th Ave and E Maritana Dr

1000 N. Ashley Drive
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 Tampa, Florida 33602
 813-620-4500



42109.046
 Don Cesar
 Seawall Outfalls

**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Issue Considered: Temporary Seawall at 36th Avenue for neighborhood protection during the 2024 Hurricane Season.

Strategic Objective: Resilience

Date: June 11, 2024

Prepared By: Mike Clarke, Public Works Director

Through: Wayne Saunders, Interim City Manager

Summary of Issue: A new seawall at the 36th Avenue terminus has been designed and the design is currently with the state for permitting, with no date certain for approval. At this point in the hurricane season, it is not feasible that a new seawall can be built in time to provide flooding protection for the neighborhood.

Inspection of the seawall finds that there are several large cracks where the bay water flows freely through the wall resulting in widespread flooding of the neighborhood. A temporary seawall can be constructed landward of the existing seawall to cover the cracks and block the tidal flow.

Staff recommends utilizing the existing line item contract with Rowland Inc. to construct a temporary seawall in the amount of \$36,457.50.

Funding: Resiliency Fund 250

Requested Motion: “I move to approve the construction of a temporary seawall at the 36th Avenue terminus by Rowland Inc., in the amount of \$36,457.50.”

Attachment:

1. Rowland Inc., Price Quote
2. Purchase Agreement with Rowland Inc.

Rowland, Incorporated

36th Ave. & E. Maritane Drive - Seawall Repair

Cost Estimate

Item	Description	Quant.	u/m	Unit cost	Total
LABOR					
1	Foreman	40.00	Hour	110.00	4,400.00
1a	Foreman - overtime	5.00	Hour	165.00	825.00
2	Operator	40.00	Hour	90.00	3,600.00
2a	Operator - overtime	0.00	Hour	135.00	0.00
3	Truck Driver	8.00	Hour	55.00	440.00
3a	Truck Driver - overtime	0.00	Hour	82.50	0.00
4	Pipe-Layer - for pipes ≤ 48" Dia.	80.00	Hour	85.00	6,800.00
4a	Pipe-Layer - overtime	5.00	Hour	127.50	637.50
5	Laborer	80.00	Hour	80.00	6,400.00
5a	Laborer - overtime	0.00	Hour	120.00	0.00
EQUIPMENT					
6	Foreman's P/U w/ Hand Tools	45.00	Hour	55.00	2,475.00
7	Job Truck w/Tools	53.00	Hour	60.00	3,180.00
8	Crane (20 Ton)	0.00	Hour	85.00	0.00
9	Crane (60 Ton)	0.00	Hour	120.00	0.00
10	Tractor & Trailer (Transport)	0.00	Hour	50.00	0.00
11	Track Hoe (to 100 HP)	40.00	Hour	120.00	4,800.00
12	Track Hoe (101 HP to 170 HP)	0.00	Hour	140.00	0.00
13	Rubber Tired Backhoe	0.00	Hour	40.00	0.00
14	Wheel Loader (to 150 HP)	0.00	Hour	80.00	0.00
15	Wheel Loader (151 HP and up)	0.00	Hour	85.00	0.00
16	Track-Type Tractors (to 100 HP)	0.00	Hour	30.00	0.00
17	Track-Type Tractors (101 HP up)	0.00	Hour	32.00	0.00
18	Dump Truck (Tandem Axel)	0.00	Hour	70.00	0.00
19	Plate Tamp	0.00	Hour	15.00	0.00
20	3" Trash Pump	0.00	Hour	15.00	0.00
21	4" Double Diaphragm Pump	0.00	Hour	25.00	0.00
22	Air Compressor (125 C.F.M. Min.)	0.00	Hour	20.00	0.00
23	Well Point Pump	0.00	Day	90.00	0.00
24	4" Jet Pump	0.00	Day	30.00	0.00
MATERIAL					
25	2500psi Concrete (Un-formed)	15.00	Cu.	120.00	1,800.00
26	Offsite Select Fill	0.00	Cu.	10.00	0.00
27	Limerock Base Material	0.00	Ton	15.00	0.00
28	#57 Washed Stone	0.00	Ton	30.00	0.00
29	Asphalt Paving (1½" Thick, Type S-3)	0.00	Sq. Yd.	4.00	0.00
30	Bahia Sod	0.00	Sq. Yd.	6.00	0.00
SUB-CONTRACTOR					
31	Welder w/ Truck	0.00	Hr	55.00	0.00
32	Tractor with 7' Bush Hog	0.00	Hr	15.00	0.00
Misc. Mat. - Rebar & MOT		1	ls	1,100.00	1,100.00
				Total =	\$36,457.50

CITY OF ST. PETE BEACH, FLORIDA
PURCHASE AGREEMENT

WASTEWATER SYSTEM POINT REPAIRS

This is an Agreement (the "Agreement") entered into by and between the City of St. Pete Beach (hereinafter "City") and ROWLAND INC. (hereinafter "Vendor"). The City and Vendor together shall be referred to as the "parties."

WHEREAS, City desires to purchase from Vendor the goods or services described in this Agreement.

WHEREAS, Vendor is in the business of providing the goods or services described herein, and has submitted an appropriate proposal to the City to provide the same.

WHEREAS, this Agreement has been properly approved by the appropriate authority of the City and the Vendor.

NOW, THEREFORE, upon the mutual covenants contained herein, and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties hereto hereby agree to the following:

1. The foregoing recitals are true and correct, and incorporated herein by reference.
2. Public Records, Chapter 119, Florida Statutes. Vendor shall abide by the legal requirements referenced above and in Exhibit A. **IF THE VENDOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE VENDORS' DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (City Clerk, City of St. Pete Beach, Florida, 727-363-9220, cityclerk@stpetebeach.org, 155 Corey Avenue, St. Pete Beach, Florida 33706).**
3. Employment Eligibility, the Vendor shall comply with all local, state and federal directives, orders and law as applicable to the contract. Beginning January 1, 2021, every public employer, contractor, and subcontractor shall register with and use the E-Verify system to verify the work authorization status of all newly hired employees. A public employer, contractor, or subcontractor may not enter into a contract unless each party to the contract registers with and uses the E-Verify system under 448.095, Fla. Stat.
 - a. Vendor agrees to comply with all applicable portions of Fla. Stat. 448.095. Vendor must use the U.S. Department of Homeland Security's E-Verify System, <https://e-verify.uscis.gov/emp> to verify the employment eligibility of all employees hired on or after January 1, 2021, during the term of this Agreement.
 - b. Subcontractors (i) Vendor shall also require all subcontractors performing work under this Agreement to use the E-Verify system for any employees they may hire during the term of

this Agreement; (ii) Subcontractors shall provide Vendor with an affidavit stating the subcontractor does not employ, contract with, or subcontract with an unauthorized alien, as defined by Fla. Stat. 448.095; (iii) Vendor shall provide a copy of such affidavit to the City upon receipt and shall maintain a copy for the duration of the Agreement.

c. Vendor must provide evidence of compliance with Fla. Stat. 448.095 by January 1, 2021. Evidence may consist of, but is not limited to, providing notices of Vendor's E-Verify number.

d. Failure to comply with this provision is a material breach of the Agreement, and the City may choose to terminate the Agreement at its sole discretion. Vendor may be liable for all costs associated with the City securing the same services, inclusive, but not limited to, higher costs for the same services and rebidding costs, if necessary. Any challenge to termination under this provision must be filed in the Circuit Court no later than 20 calendar days after the date of termination. If this agreement is terminated for a violation of the statute by the Vendor, the Vendor may not be awarded a public agreement for a period of one (1) year after date of termination.

4. City hereby agrees to purchase, and Vendor hereby agrees to sell or provide, the goods or services described in the proposal attached hereto and incorporated herein as Exhibit B.

5. Vendor shall deliver the goods, or provide the services, described herein no later than 9/30/2024 ("completion date").

6. This Agreement will remain in effect for a period of three (3) years with two (2) one (1) year extensions.

7. Time is of the essence in the performance of this Agreement. City shall be entitled to liquidated damages in the amount of \$500 per day, for each day after the date set forth in paragraph 4 herein that Vendor has failed to properly and completely deliver all of the goods or provide all of the services specified herein. Vendor specifically acknowledges that the foregoing sum is reasonable and does not constitute a penalty.

8. Upon Vendor's satisfactory delivery of the goods, or full performance of the services, or in accordance with the payment schedule provided in the attached proposal, City shall pay Vendor as per the Unit Prices listed in the Bid Schedule, as full consideration for goods or services provided in this Agreement and more specifically in Exhibit B.

9. Vendor fully warrants the title to any and all goods provided hereunder and agrees to defend the same against all claims whatsoever. At the time of delivery, Vendor shall furnish to the City a bill of sale absolute, with full warranties, or other evidence of title transfer satisfactory to the City, for the goods specified herein.

10. Vendor expressly warrants that all goods delivered hereunder are of merchantable quality and fit for the purpose for which the City has purchased the same. Vendor further warrants that any defects in the goods shall be properly repaired by Vendor for a period of 18 months from final delivery ("guarantee period"), including all parts and labor associated with said repairs.

11. City reserves the right to reject any defective goods, notwithstanding City's payment of the purchase price provided herein.

12. Vendor fully warrants that all services and/or goods provided herein have been provided in a good and workmanlike manner. Vendor guarantees said services for a period of 18 months from the date of final performance. Vendor shall provide all labor and materials necessary to repair any defective workmanship reported to Vendor within said guarantee period.

13. This Agreement may be canceled by the City when:

- a. Sufficient funds are not available to continue its full and faithful performance to the Agreement.
- b. Sub-standard or non-performance of Agreement.
- c. The City wishes to terminate the Agreement at any time and for any reason, upon giving thirty (30) days prior written notice to the Vendor.

14. Vendor acknowledges that the City may enter into agreements with other consultants or may have its own employees complete the work for services similar to the services that are subject to this Agreement.

15. To the extent that this Agreement requires Vendor to provide any services of any kind, Vendor and all of Vendor's subcontractors shall maintain public liability insurance in a combined single limit for bodily injury and property damage in the amount of not less than \$1,000,000.00, satisfactory to the City Manager, naming the City as an additional insured and providing coverage up through and including the final performance of any services provided herein. Vendor and all of Vendor's subcontractors shall maintain in full force and effect a policy of worker's compensation insurance for all of Vendor's employees in accordance with applicable state and federal law. Said insurance coverage shall include employer's liability with a single limit of \$100,000.00 per accident or occurrence. Vendor shall present City with a certificate for all of the foregoing insurance, at the time of executing this Agreement and at such other times requested by the City. The Vendor waives all rights against the City, the City's consultants, separate contractors, if any, and any of its subcontractors, agents and employees, for any and all damages caused to the extent covered by insurance described herein and obtained pursuant to this Section or other property insurance applicable to the services and product provided under this Agreement. The City shall require of the Vendor, Vendor's consultants, separate contractors, if any, and the subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. The policies shall provide such waiver of subrogation by endorsement other otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged.

16. In consideration of the payment of ten dollars as part of the above purchase price, Vendor shall indemnify, defend and hold the City harmless for itself, its employees, agents and assigns, from and against any and all losses, claims, damages, suits, actions, or demands, including attorneys' fees and costs of litigation through all appellate proceedings, arising from the performance or non-performance of this Agreement, whether caused in part by the City or not.

17. This Agreement shall be binding upon the parties, their successors, assigns, and legal representatives. Vendor shall not assign or otherwise transfer any of the rights or duties under this

Agreement, without the express written consent of the City.

18. This document and exhibits embody the entire Agreement of the parties. There are no promises, terms, conditions, or representations binding on either party hereto, other than those contained herein; and this document shall supersede all previous communications, representations, and/or agreements between the parties hereto, whether written or oral. This Agreement may be modified only in writing executed by all parties. This Agreement shall be construed according to the laws of Florida, and venue for any action arising herefrom shall be in Pinellas County, Florida.

19. The following Exhibits shall be attached, incorporated and made a part of this Agreement:

- a. Florida public records law (Exhibit "A")
- b. Vendor's proposal (Exhibit "B")
- c. RFB (Exhibit "C")

20. The prevailing party in any action to enforce or interpret this Agreement shall be entitled to reasonable attorney's fees incurred through all appellate proceedings.

21. Vendor hereby acknowledges that the person executing this Agreement on behalf of Vendor has the full authority to do so and to bind Vendor to the terms hereof.

22. Any and all notices sent pursuant to this Agreement shall be given in writing via certified mail or overnight courier and shall be delivered to the following addresses:

As to Vendor:

Rowland Inc.
6855 102nd Ave. N.
Pinellas Park, FL 33782

As to City:

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

23. To the extent that any terms in the attached proposal conflict with the terms of this Agreement, the terms of this Agreement shall control and supersede such conflicting terms in the attached proposal, to the extent of such conflict.

24. This Agreement may be amended or modified only in writing signed by all Parties hereto. This Agreement shall not be modified by any oral statement, communication, Agreement, course of conduct, or by anything other than a writing signed by the Parties.

25. This Agreement may be executed by the parties in counterpart originals with the same force and effect as if fully and simultaneously executed as a single original document. The "Effective Date" of this Agreement shall be the date this Agreement has been executed by all parties.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year set forth below.

Rowland Inc..

City of St. Pete Beach:

Signature: K. D. Rowland

Signature: [Signature]

By: Kevin Rowland

By: Gregory A. Berry

Its: President

Its: City Manager

Date: 12/15/2021

Date: 11.29.21

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:

ATTEST:

[Signature]
Andrew Dickman
City Attorney

[Signature]
Amber LaRowe
City Clerk

EXHIBIT "A"

Florida Public Records Law

119.0701 Contracts; public records; request for contractor records; civil action. —

- (1) DEFINITIONS. —For purposes of this section, the term:
- (a) "Contractor" means an individual, partnership, corporation, or business entity that enters into a contract for services with a public agency and is acting on behalf of the public agency as provided under s. 119.011(2).
 - (b) "Public agency" means a state, county, district, authority, or municipal officer, or department, division, board, bureau, commission, or other separate unit of government created or established by law.
- (2) CONTRACT REQUIREMENTS. —In addition to other contract requirements provided by law, each public agency contract for services entered into or amended on or after July 1, 2016, must include:
- (a) The following statement, in substantially the following form, identifying the contact information of the public agency's custodian of public records in at least 14-point boldfaced type:
IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (telephone number, e-mail address, and mailing address).
 - (b) A provision that requires the contractor to comply with public records laws, specifically to:
 - 1. Keep and maintain public records required by the public agency to perform the service.
 - 2. Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
 - 3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
 - 4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

EXHIBIT “B”

(Place Vendor’s Proposal behind this page)

EXHIBIT “C”

(Place RFB behind this page)

COPY



155 Corey Avenue
St. Pete Beach, FL 33706-1839
www.stpetebeach.org

Addendum 1

WASTEWATER SYSTEM REPAIRS

Issued September 7, 2021

*Note that this Addendum changes the bid due date and time as stated in the above referenced RFB. **Sealed bids must be received by 10:00 AM on September 22, 2021**, in the Office of the City Clerk, 155 Corey Avenue, St. Pete Beach Florida at which time they will be publicly opened and read. All bidders are invited to attend this bid opening, which will be held immediately following the closing time specified. Bids received after the deadline will not be accepted.*

Acknowledge receipt of this addendum by initialing and including this page with the submittal.

Initial

KOR



155 Corey Avenue
St. Pete Beach, FL 33706-1839
www.stpetebeach.org

Addendum 2

WASTEWATER SYSTEM REPAIRS

Issued September 13, 2021

Note that this Addendum does not change the revised bid due date and time as stated in Addendum 1. Sealed bids still must be received by 10:00 AM on September 22, 2021, in the Office of the City Clerk, 155 Corey Avenue, St. Pete Beach Florida at which time they will be publicly opened and read. All bidders are invited to attend this bid opening, which will be held immediately following the closing time specified. Bids received after the deadline will not be accepted.

Q: Is there a pre-bid sign in sheet available?

A: Hinterland Group, Inc.

AEGION/ Insituform

Rowland Inc.

Synergy Equipment

TNEMIC

Q: Is there any way that this meeting was recorded?

A: Meeting Recording:

https://us02web.zoom.us/rec/share/eQWRuZtuHR03gdkA93YK5fBop91Yc4ocH-bU9oeRj9XLmF4nQowFUL_C-Q38SgCn.5iAdCmxf2VdNiUZQ

Q: Please advise if a Bid Bond is required for this bid and if so, what percentage.

A: No, however the City is requiring a Performance Bond in an amount at least equal to 100% of the Contract Price based on estimated quantities.

Q: In reference to “References and Minimum Qualifications”, I see the City is looking for 3 professional, business references in addition to *any* governmental references in which our firm completed similar work within a five year period. Am I correct to assume the City is asking for *all* past governmental jobs within the past 5 years pertaining to the same type of work we are bidding, or is there a minimum amount of governmental references the City would like?

A: The City is requesting a minimum of three references for similar work with governmental agencies within the past 5 years. Additional references with private businesses showing experience with similar work may be submitted in addition to the three governmental agency references.

Q: In Section 21.03, Paragraph 4, will the city consider changing the installer requirements to match the product requirements of a minimum of 250,000 LF?

A: No, installer requirements will remain the same.

Q: In Section 21.03, Paragraph 4, will the city consider adding “In the State of Florida” to the installation experience requirement language?

A: No, installer requirements will remain the same.

Q: Has the city set an annual budget ?

A: The City's annual budget is set each year during budget preparation and is dependent on the number of other projects necessary within the Wastewater System. The City of St. Pete Beach typically allocates between \$500,000 and \$1,000,000 per year for Wastewater System repairs.

Q: What is the size of each individual work order that will be issued?

A: Work orders for point repairs range in size from a single repair of a failed pipe to multiple repairs on pipes in various locations throughout the City. Work orders for pipe lining generally range from 15 – 50 pipes in each release.

Q: In section 21.03 of the specifications it lays out the requirements of the installer. My question pertains to last paragraph of this section; "Documentation for products and installers seeking pre-approved status must be submitted no less than two weeks prior to the proposal due date". Is pre-approval is required to bid this project ?

A: Products that differ from the requirements outlined in the specifications will require pre-approval.

Q: I am the regional manager for Epoxytec International Water and Wastewater Lining Solutions. I am requesting approval for Epoxytec CPP Sprayliner/series Structural Epoxy System as an "or equal" to xxx material section Technical Specifications sections 37 – Wastewater Structure Rehabilitation for concrete wet wells, sewer maintenance holes, vaults, and other structures that require field-lined epoxy – Coatings Products.

A: This product will be accepted if it is an approved equal and intended for use in high H₂S environments. Please provide a detailed specification, in addition to confirmation on warranty. Please note, epoxy liner systems will be utilized on less than 5% of City structures.

Acknowledge receipt of this addendum by initialing and including this page with the submittal.

Initial KOR

II. CONTRACTOR'S BID SUBMITTAL

The company that is submitting a bid declares that it has extensive experience in wastewater system repairs.

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid as principal or principals are named herein, and that no other person than herein mentioned has any interest in the Bid or in the Agreement to be entered into; that this Bid or Agreement is made without connection with any other person, company, or parties making a Bid; and that it is in all respects fair and in good faith without collusion or fraud.

The Bidder further declares that they have examined the site of the work and informed themselves fully in regard to all conditions pertaining to the place where the work is to be done; that they have examined the Plans and Specifications for the work and Contract Documents relative thereto, and have read all special provisions furnished prior to the opening of bids; and that they have satisfied themselves relative to the materials to be supplied and work to be performed.

The Bidder proposes and agrees, if the Bid is accepted, to contract with the City of St. Pete Beach, Florida, in the form of an Agreement specified for "Wastewater System Repairs" in St. Pete Beach, Florida, in full and complete accordance with the shown, noted, described, and reasonably intended requirements of the Plans, Specifications, and Contract Documents, to the full and entire satisfaction of the City of St. Pete Beach, Florida.

The successful bidder shall be required to utilize the template Agreement in this Request for Bids (RFB) and any questions regarding the Agreement must be addressed during the RFB process before submittal. The City reserves the right to respond or not respond to questions in the form of an addendum.

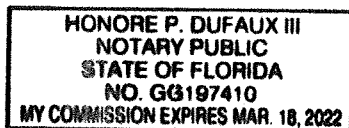
The Bidder proposes to furnish all materials, equipment, labor, and perform the work submitted in their bid schedule for the City of St. Pete Beach "Wastewater System Repairs."

COMPANY: Rowland Inc. DATE: September 10, 2021
ADDRESS: 6855 102nd Ave. N. Pinellas Park, FL 33782 PHONE: (727) 545-3815
BIDDER: *K. D. Rowland* NAME: Kevin D. Rowland, President
(SIGNATURE) (PRINT NAME & TITLE)

STATE OF FLORIDA
COUNTY OF Pinellas

The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 10th day of September, 2021, by Kevin D. Rowland, who is personally known to me or has produced Personally Known as identification.

(SEAL)



Honore P. DuFaux III
Notary Public – State of Florida

Honore P. DuFaux III
(Print, Type, Stamp, or Commissioned
Name of Notary Public)

SUBMIT BID TO:

OFFICE OF THE CITY CLERK, CITY OF ST. PETE BEACH
155 COREY AVENUE, ST. PETE BEACH, FLORIDA 33706

III. Fee Schedules

CITY OF ST. PETERSBURG WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM MANHOLE REHABILITATION					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
1	Mobilization	1	EA	1.00	1.00
2	Flagmen (Per-Flagmen)	20	HR	22.00	440.00
3	Multi Lane, Lane Closures (FDOT Index No. 613)	10	EA/DY	350.00	3,500.00
4	Multi Lane, Intersection (FDOT Index No. 615)	10	EA/DY	450.00	4,500.00
5	Arrow Boards - 5' Minimum Horizontal Size	10	EA/DY	200.00	2,000.00
6	Variable Message Board	10	EA/DY	62.50	625.00
7	Concrete Barrier (FDOT Index No. 100)	10	EA/DY	25.00	250.00
8	Low Profile Barrier (FDOT Index No. 120)	10	EA/DY	19.00	190.00
9	Signs in Work Zones	10	EA/DY	3.00	30.00
10	6" Solid line Thermo Plastic - Permanent	200	LF	1.00	200.00
11	24" Stop Bar, Solid, Thermo Plastic, Perm.	200	LF	1.00	200.00
12	6" Skip line (6'-10' Skip) Thermo Plastic-Perm.	200	LF	1.00	200.00
13	Barricades Type III, with Warning Lights	1000	EA/DY	1.00	1,000.00
14	Barricades Type I or II, with Warning Lights	1000	EA/DY	1.00	1,000.00
15	Repair Manhole Bench and Channel	10	EA	450.00	4,500.00
16	Repair Chimney, Adjust/Replace MH Casting- Unpaved	10	EA	400.00	4,000.00
17	Repair Chimney, Adjust/Replace MH Casting- Asphalt Pavement	100	EA	500.00	50,000.00
18	Rebuild Corbel/Chimney for Type B Manhole Casting	10	EA	100.00	1,000.00
19	Furnish Manhole Casting - Type B	10	EA	100.00	1,000.00
20	Furnish Manhole Casting - Type E	30	EA	350.00	10,500.00
21	Severe Manhole Infiltration Elimination	10	EA	650.00	6,500.00
22	Chemical Sealing - Grout	50	GAL	125.00	6,250.00
23	Internal Chimney Sealant - Type B Manhole Casing	5	EA	100.00	500.00
24	Internal Chimney Sealant - Type E Manhole Casing	10	EA	100.00	1,000.00
25	Additional Access Cost for Manhole Coating	10	EA	10.00	100.00
26	Bypass Pumping Setup - 6-10" diameter	5	EA	50.00	250.00
27	Bypass Pumping Setup - 12"-14" diameter	20	EA	50.00	1,000.00
28	Bypass Pumping Setup - 15" to 21" diameter	10	EA	50.00	500.00
29	Bypass Pumping Setup - 24" diameter	5	EA	150.00	750.00
30	Bypass Pumping Operation - 6"-10" diameter	10	DAY	50.00	500.00
31	Bypass Pumping Operation - 12"-14" diameter	50	DAY	100.00	5,000.00
32	Bypass Pumping Operation - 15" to 21" diameter	25	DAY	100.00	2,500.00
33	Bypass Pumping Operation - 24" diameter	15	DAY	150.00	2,250.00
34	Pure Calcium Aluminate Cementitious MH Coating - 48" diameter, Initial	50	EA	660.00	33,000.00
35	Pure Calcium Aluminate Cementitious MH Coating - 60" diameter, Initial	10	EA	680.00	6,800.00
36	Pure Calcium Aluminate Cementitious MH Coating - 72" diameter, Initial	5	EA	700.00	3,500.00
37	Pure Calcium Aluminate Cementitious MH Coating - 48" diameter, Additional	250	VF	160.00	40,000.00
38	Pure Calcium Aluminate Cementitious MH Coating - 60" diameter, Additional	50	VF	175.00	8,750.00
39	Pure Calcium Aluminate Cementitious MH Coating - 72" diameter, Additional	25	VF	185.00	4,625.00
40	Reinforced Polymer MH Coating - 48" diameter, Initial	5	EA	950.00	4,750.00

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM MANHOLE REHABILITATION					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
41	Reinforced Polymer MH Coating - 60" diameter, Initial	5	EA	975.00	4,875.00
42	Reinforced Polymer MH Coating - 72" diameter, Initial	5	EA	985.00	4,925.00
43	Reinforced Polymer MH Coating - 48" diameter, Additional	25	VF	260.00	6,500.00
44	Reinforced Polymer MH Coating - 60" diameter, Additional	25	VF	325.00	8,125.00
45	Reinforced Polymer MH Coating - 72" diameter, Additional	25	VF	326.00	8,150.00
46	Concrete Curb Replacement - Type D	100	LF	5.00	500.00
47	Concrete Curb Replacement - Type F	100	LF	54.00	5,400.00
48	Concrete Curb Replacement - Miami Curb	100	LF	81.00	8,100.00
49	Concrete Sidewalk Replacement - 4" Thick	50	SY	10.00	500.00
50	Concrete Sidewalk Replacement - 6" Thick	50	SY	12.00	600.00
51	Concrete Driveway Replacement - 4" Thick	50	SY	12.00	600.00
52	Concrete Driveway Replacement - 6" Thick	50	SY	12.00	600.00
53	Inflow Dish	100	EA	110.00	11,000.00
GRAND TOTAL					\$23,536.00

LIQUIDATED DAMAGES

If the work on each individual project embraced by this Contract is not completed on or before the date set for completion or any extension thereof, the actual damages for the delay will be impossible to determine and in lieu thereof, the Contractor shall pay to the City fixed, agreed, and liquidated damages in the amount of either Five-Hundred Dollars (\$500) per day for each calendar day of delay until the work is satisfactorily completed.

CITY OF ST. PETERS BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM PIPE LINING					
ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	
1	Mobilization	1	EA	No Bid	No Bid
2	Flagmen (Per-Flagmen)	20	HR	No Bid	No Bid
3	Multi Lane, Lane Closures (FDOT Index No. 613)	10	EA/DY	No Bid	No Bid
4	Multi Lane, Intersection (FDOT Index No. 615)	10	EA/DY	No Bid	No Bid
5	Arrow Boards - 5' Minimum Horizontal Size	10	EA/DY	No Bid	No Bid
6	Variable Message Board	10	EA/DY	No Bid	No Bid
7	Concrete Barrier (FDOT Index No. 100)	10	EA/DY	No Bid	No Bid
8	Low Profile Barrier (FDOT Index No. 120)	10	EA/DY	No Bid	No Bid
9	Signs in Work Zones	10	EA/DY	No Bid	No Bid
10	6" Solid line Thermo Plastic - Permanent	200	LF	No Bid	No Bid
11	24" Stop Bar, Solid, Thermo Plastic, Perm.	200	LF	No Bid	No Bid
12	6" Skip line (6'-10' Skip) Thermo Plastic-Perm.	200	LF	No Bid	No Bid
13	Barricades Type III, with Warning Lights	1000	EA/DY	No Bid	No Bid
14	Barricades Type I or II, with Warning Lights	1000	EA/DY	No Bid	No Bid
15	CIPP Main Liner 6" Diameter - 6.0 mm thickness	1100	LF	No Bid	No Bid
16	CIPP Main Liner 8" Diameter - 6.0 mm thickness	72200	LF	No Bid	No Bid
17	CIPP Main Liner 10" Diameter - 6.0 mm thickness	3600	LF	No Bid	No Bid
18	CIPP Main Liner 12" Diameter - 6.0 mm thickness	2400	LF	No Bid	No Bid
19	CIPP Main Liner 15" Diameter - 7.5 mm thickness	1500	LF	No Bid	No Bid
20	CIPP Main Liner 18" Diameter - 9.0 mm thickness	1800	LF	No Bid	No Bid
21	CIPP Main Liner 21" Diameter - 9.0 mm thickness	2900	LF	No Bid	No Bid
22	CIPP Main Liner 24" Diameter - 10.5 mm thickness	3800	LF	No Bid	No Bid
23	CIPP Main Liner 6" Diameter - Thickness Variance + 1.5mm	300	LF	No Bid	No Bid
24	CIPP Main Liner 8" Diameter - Thickness Variance + 1.5mm	5000	LF	No Bid	No Bid
25	CIPP Main Liner 10" Diameter - Thickness Variance + 1.5mm	1000	LF	No Bid	No Bid
26	CIPP Main Liner 12" Diameter - Thickness Variance + 1.5mm	1000	LF	No Bid	No Bid
27	CIPP Main Liner 15" Diameter - Thickness Variance + 1.5mm	300	LF	No Bid	No Bid
28	CIPP Main Liner 18" Diameter - Thickness Variance + 1.5mm	300	LF	No Bid	No Bid
29	CIPP Main Liner 21" Diameter - Thickness Variance + 1.5mm	300	LF	No Bid	No Bid
30	CIPP Main Liner 24" Diameter - Thickness Variance + 1.5mm	300	LF	No Bid	No Bid
31	Bypass Pumping Setup - 6-10" diameter	5	EA	No Bid	No Bid
32	Bypass Pumping Setup - 12" - 14" diameter	45	EA	No Bid	No Bid
33	Bypass Pumping Setup - 15" to 21" diameter	20	EA	No Bid	No Bid
34	Bypass Pumping Setup - 24" diameter	5	EA	No Bid	No Bid
35	Bypass Pumping Operation - 6"-10" diameter	10	DAY	No Bid	No Bid
36	Bypass Pumping Operation - 12"-14" diameter	90	DAY	No Bid	No Bid
37	Bypass Pumping Operation - 15" to 21" diameter	40	DAY	No Bid	No Bid
38	Bypass Pumping Operation - 24" diameter	10	DAY	No Bid	No Bid
39	Normal Cleaning - 6" and 8" diameter	73300	LF	No Bid	No Bid
40	Normal Cleaning - 10" and 12" diameter	6000	LF	No Bid	No Bid

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM PIPE LINING					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
41	Normal Cleaning - 15" and 18" diameter	3300	LF	No Bid	No Bid
42	Normal Cleaning - 21" and 24" diameter	6700	LF	No Bid	No Bid
43	Specialty Cleaning - 6" and 8" diameter	1000	LF	No Bid	No Bid
44	Specialty Cleaning - 10" and 12" diameter	100	LF	No Bid	No Bid
45	Specialty Cleaning - 15" and 18" diameter	50	LF	No Bid	No Bid
46	Specialty Cleaning - 21" and 24" diameter	100	LF	No Bid	No Bid
47	Chemical Sealing of Host Pipe - 10" diameter and less	30	EA	No Bid	No Bid
48	Chemical Sealing of Host Pipe - 12" and 15" diameter	10	EA	No Bid	No Bid
49	Chemical Sealing of Host Pipe - 18" to 24" diameter	5	EA	No Bid	No Bid
50	Chemical Sealing - Grout	100	GAL	No Bid	No Bid
51	Removal & Sealing of Protruding Service Connections	25	EA	No Bid	No Bid
52	Additional Access Cost Main Liner	25	EA	No Bid	No Bid
53	Service Reconnection	200	EA	No Bid	No Bid
54	CIPP Liner Testing	5	EA	No Bid	No Bid
GRAND TOTAL					\$ -

LIQUIDATED DAMAGES

If the work on each individual project embraced by this Contract is not completed on or before the date set for completion or any extension thereof, the actual damages for the delay will be impossible to determine and in lieu thereof, the Contractor shall pay to the City fixed, agreed, and liquidated damages in the amount of either Five-Hundred Dollars (\$500) per day for each calendar day of delay until the work is satisfactorily completed.

CITY OF ST. PETE BEACH
WASTEWATER SYSTEM REHABILITATION SERVICES
WASTEWATER SYSTEM POINT REPAIRS

ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
1	Mobilization for Routine Response	20	EA	4,125.00	82,500.00
2	Mobilization for Emergency Response	6	EA	8,250.00	49,500.00
3	Flagmen (Per-Flagmen)	20	HR	33.00	660.00
4	Multi Lane, Lane Closures (FDOT Index No. 613)	5	EA/DY	1,698.00	8,490.00
5	Multi Lane, Intersection (FDOT Index No. 615)	5	EA/DY	1,698.00	8,490.00
6	Arrow Boards - 5' Minimum Horizontal Size	10	EA/DY	45.00	450.00
7	Variable Message Board	10	EA/DY	75.00	750.00
8	Concrete Barrier (FDOT Index No. 415)	10	EA/DY	30.00	300.00
9	Low Profile Barrier (FDOT Index No. 412)	10	EA/DY	23.00	230.00
10	Signs in Work Zones	10	EA/DY	2.00	20.00
11	6" Solid line Thermo Plastic - Permanent	200	LF	11.00	2,200.00
12	24" Stop Bar, Solid, Thermo Plastic, Perm.	200	LF	38.00	7,600.00
13	6" Skip line (6'-10' Skip) Thermo Plastic-Perm.	200	LF	11.00	2,200.00
14	Barricades Type III, with Warning Lights	1000	EA/DY	8.00	8,000.00
15	Barricades Type I or II, with Warning Lights	1000	EA/DY	2.00	2,000.00
16	As-Built Survey	5	EA	3,783.00	18,915.00
17	Excavation, Unsuitable Material	100	CY	91.00	9,100.00
18	Sheeting & Bracing (Left in Place)	500	SF	61.00	30,500.00
19	Sheeting & Bracing, Pipe Trenches (Removed)	2500	SF	29.00	72,500.00
20	Well Point Dewatering Initial - 6'-8' Deep	10	EA	5,060.00	50,600.00
21	Well Point Dewatering Initial - 8'-10' Deep	10	EA	5,143.00	51,430.00
22	Well Point Dewatering Initial - 10'-12' Deep	5	EA	5,225.00	26,125.00
23	Well Point Dewatering Initial - 12'-14' Deep	5	EA	5,363.00	26,815.00
24	Well Point Dewatering Initial - 14'-16' Deep	3	EA	5,544.00	16,632.00
25	Well Point Dewatering Initial - > 16' Deep	3	EA	6,534.00	19,602.00
26	Well Point Dewatering Additional - 6'-8' Deep	200	EA	94.00	18,800.00
27	Well Point Dewatering Additional - 8'-10' Deep	200	EA	103.00	20,600.00
28	Well Point Dewatering Additional - 10'-12' Deep	100	EA	116.00	11,600.00
29	Well Point Dewatering Additional - 12'-14' Deep	100	EA	155.00	15,500.00
30	Well Point Dewatering Additional - 14'-16' Deep	50	EA	231.00	11,550.00
31	Well Point Dewatering Additional - > 16' Deep	50	EA	309.00	15,450.00
32	Jack & Bore 12" x .188" Steel Casing (6" GS)	40	LF	195.00	7,800.00
33	Jack & Bore 16" x .219" Steel Casing (8" GS)	40	LF	420.00	16,800.00
34	Jack & Bore 20" x .250" Steel Casing (10" GS)	40	LF	516.00	20,640.00
35	Jack & Bore 24" x .281" Steel Casing (12" GS)	40	LF	556.00	22,240.00
36	2" Directional Drill HDPE DR 9, IPS OD	200	LF	30.00	6,000.00
37	4" Directional Drill HDPE DR 11, DIPS OD	300	LF	46.00	13,800.00
38	6" Directional Drill HDPE DR 11, DIPS OD	500	LF	64.00	32,000.00
39	8" Directional Drill HDPE DR 11, DIPS OD	500	LF	91.00	45,500.00
40	10" Directional Drill HDPE DR 11, DIPS OD	500	LF	130.00	65,000.00
41	12" Directional Drill HDPE DR 11, DIPS OD	300	LF	181.00	54,300.00
42	6" PVC Pipe, C-900 DR 18 (Gravity Sewer) 0' - 6' Depth	100	LF	82.00	8,200.00

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS						
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT	
43	6" PVC Pipe, C-900 DR 18 (Gravity Sewer) 6' - 8' Depth	200	LF	80.00	16,000.00	
44	6" PVC Pipe, C-900 DR 18 (Gravity Sewer) 8' - 10' Depth	100	LF	80.00	8,000.00	
45	6" PVC Pipe, C-900 DR 18 (Gravity Sewer) 10' - 12' Depth	50	LF	92.00	4,600.00	
46	6" PVC Pipe, C-900 DR 18 (Gravity Sewer) 12' - 14' Depth	50	LF	92.00	4,600.00	
47	6" PVC Pipe, C-900 DR 18 (Gravity Sewer) 14' - 16' Depth	50	LF	108.00	5,400.00	
48	6" PVC Pipe, C-900 DR 18 (Gravity Sewer) 16' - 18' Depth	50	LF	132.00	6,600.00	
49	8" DI Pipe, CL 350 (Gravity Sewer) 0' - 6' Depth	50	LF	123.00	6,150.00	
50	8" DI Pipe, CL 350 (Gravity Sewer) 6' - 8' Depth	100	LF	125.00	12,500.00	
51	8" DI Pipe, CL 350 (Gravity Sewer) 8' - 10' Depth	100	LF	125.00	12,500.00	
52	8" DI Pipe, CL 350 (Gravity Sewer) 10' - 12' Depth	50	LF	136.00	6,800.00	
53	8" DI Pipe, CL 350 (Gravity Sewer) 12' - 14' Depth	50	LF	136.00	6,800.00	
54	8" DI Pipe, CL 350 (Gravity Sewer) 14' - 16' Depth	50	LF	153.00	7,650.00	
55	8" DI Pipe, CL 350 (Gravity Sewer) 16' - 18' Depth	50	LF	177.00	8,850.00	
56	8" PVC Pipe, C-900 DR 18 (Gravity Sewer) 0' - 6' Depth	200	LF	87.00	17,400.00	
57	8" PVC Pipe, C-900 DR 18 (Gravity Sewer) 6' - 8' Depth	400	LF	89.00	35,600.00	
58	8" PVC Pipe, C-900 DR 18 (Gravity Sewer) 8' - 10' Depth	400	LF	89.00	35,600.00	
59	8" PVC Pipe, C-900 DR 18 (Gravity Sewer) 10' - 12' Depth	400	LF	100.00	40,000.00	
60	8" PVC Pipe, C-900 DR 18 (Gravity Sewer) 12' - 14' Depth	400	LF	100.00	40,000.00	
61	8" PVC Pipe, C-900 DR 18 (Gravity Sewer) 14' - 16' Depth	200	LF	116.00	23,200.00	
62	8" PVC Pipe, C-900 DR 18 (Gravity Sewer) 16' - 18' Depth	200	LF	140.00	28,000.00	
63	10" DI Pipe, CL 350 (Gravity Sewer) 0' - 6' Depth	50	LF	135.00	6,750.00	
64	10" DI Pipe, CL 350 (Gravity Sewer) 6' - 8' Depth	100	LF	137.00	13,700.00	
65	10" DI Pipe, CL 350 (Gravity Sewer) 8' - 10' Depth	100	LF	137.00	13,700.00	
66	10" DI Pipe, CL 350 (Gravity Sewer) 10' - 12' Depth	50	LF	149.00	7,450.00	

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
67	10" DI Pipe, CL 350 (Gravity Sewer) 12' - 14' Depth	50	LF	149.00	7,450.00
68	10" DI Pipe, CL 350 (Gravity Sewer) 14' - 16' Depth	50	LF	165.00	8,250.00
69	10" DI Pipe, CL 350 (Gravity Sewer) 16' - 18' Depth	50	LF	165.00	8,250.00
70	10" PVC Pipe, C-900 DR 18 (Gravity Sewer) 0' - 6' Depth	100	LF	96.00	9,600.00
71	10" PVC Pipe, C-900 DR 18 (Gravity Sewer) 6' - 8' Depth	400	LF	98.00	39,200.00
72	10" PVC Pipe, C-900 DR 18 (Gravity Sewer) 8' - 10' Depth	400	LF	98.00	39,200.00
73	10" PVC Pipe, C-900 DR 18 (Gravity Sewer) 10' - 12' Depth	400	LF	110.00	44,000.00
74	10" PVC Pipe, C-900 DR 18 (Gravity Sewer) 12' - 14' Depth	400	LF	110.00	44,000.00
75	10" PVC Pipe, C-900 DR 18 (Gravity Sewer) 14' - 16' Depth	200	LF	126.00	25,200.00
76	10" PVC Pipe, C-900 DR 18 (Gravity Sewer) 16' - 18' Depth	200	LF	150.00	30,000.00
77	12" DI Pipe, CL 350 (Gravity Sewer) 0' - 6' Depth	50	LF	151.00	7,550.00
78	12" DI Pipe, CL 350 (Gravity Sewer) 6' - 8' Depth	100	LF	152.00	15,200.00
79	12" DI Pipe, CL 350 (Gravity Sewer) 8' - 10' Depth	100	LF	152.00	15,200.00
80	12" DI Pipe, CL 350 (Gravity Sewer) 10' - 12' Depth	100	LF	164.00	16,400.00
81	12" DI Pipe, CL 350 (Gravity Sewer) 12' - 14' Depth	100	LF	164.00	16,400.00
82	12" DI Pipe, CL 350 (Gravity Sewer) 14' - 16' Depth	50	LF	180.00	9,000.00
83	12" DI Pipe, CL 350 (Gravity Sewer) 16' - 18' Depth	50	LF	204.00	10,200.00
84	12" PVC Pipe, C-900 DR 18 (Gravity Sewer) 0' - 6' Depth	100	LF	109.00	10,900.00
85	12" PVC Pipe, C-900 DR 18 (Gravity Sewer) 6' - 8' Depth	200	LF	111.00	22,200.00
86	12" PVC Pipe, C-900 DR 18 (Gravity Sewer) 8' - 10' Depth	200	LF	111.00	22,200.00
87	12" PVC Pipe, C-900 DR 18 (Gravity Sewer) 10' - 12' Depth	100	LF	122.00	12,200.00
88	12" PVC Pipe, C-900 DR 18 (Gravity Sewer) 12' - 14' Depth	100	LF	122.00	12,200.00

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS						
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT	
89	12" PVC Pipe, C-900 DR 18 (Gravity Sewer) 14' - 16' Depth	50	LF	138.00	6,900.00	
90	12" PVC Pipe, C-900 DR 18 (Gravity Sewer) 16' - 18' Depth	50	LF	162.00	8,100.00	
91	16" DI Pipe, CL 350 (Gravity Sewer) 0' - 6' Depth	200	LF	189.00	37,800.00	
92	16" DI Pipe, CL 350 (Gravity Sewer) 6' - 8' Depth	400	LF	191.00	76,400.00	
93	16" DI Pipe, CL 350 (Gravity Sewer) 8' - 10' Depth	400	LF	191.00	76,400.00	
94	16" DI Pipe, CL 350 (Gravity Sewer) 10' - 12' Depth	200	LF	202.00	40,400.00	
95	16" DI Pipe, CL 350 (Gravity Sewer) 12' - 14' Depth	200	LF	202.00	40,400.00	
96	16" DI Pipe, CL 350 (Gravity Sewer) 14' - 16' Depth	100	LF	218.00	21,800.00	
97	16" DI Pipe, CL 350 (Gravity Sewer) 16' - 18' Depth	100	LF	242.00	24,200.00	
98	16" PVC Pipe, C-905 DR 18 (Gravity Sewer) 0' - 6' Depth	100	LF	115.00	11,500.00	
99	16" PVC Pipe, C-905 DR 18 (Gravity Sewer) 6' - 8' Depth	200	LF	117.00	23,400.00	
100	16" PVC Pipe, C-905 DR 18 (Gravity Sewer) 8' - 10' Depth	200	LF	117.00	23,400.00	
101	16" PVC Pipe, C-905 DR 18 (Gravity Sewer) 10' - 12' Depth	100	LF	128.00	12,800.00	
102	16" PVC Pipe, C-905 DR 18 (Gravity Sewer) 12' - 14' Depth	100	LF	128.00	12,800.00	
103	16" PVC Pipe, C-905 DR 18 (Gravity Sewer) 14' - 16' Depth	50	LF	144.00	7,200.00	
104	16" PVC Pipe, C-905 DR 18 (Gravity Sewer) 16' - 18' Depth	50	LF	168.00	8,400.00	
105	18" DI Pipe, CL 350 (Gravity Sewer) 0' - 6' Depth	200	LF	230.00	46,000.00	
106	18" DI Pipe, CL 350 (Gravity Sewer) 6' - 8' Depth	400	LF	234.00	93,600.00	
107	18" DI Pipe, CL 350 (Gravity Sewer) 8' - 10' Depth	400	LF	234.00	93,600.00	
108	18" DI Pipe, CL 350 (Gravity Sewer) 10' - 12' Depth	200	LF	249.00	49,800.00	
109	18" DI Pipe, CL 350 (Gravity Sewer) 12' - 14' Depth	200	LF	249.00	49,800.00	
110	18" DI Pipe, CL 350 (Gravity Sewer) 14' - 16' Depth	100	LF	267.00	26,700.00	
111	18" DI Pipe, CL 350 (Gravity Sewer) 16' - 18' Depth	100	LF	298.00	29,800.00	

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS						
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT	
112	18" PVC Pipe, C-905 DR 21 (Gravity Sewer) 0' - 6' Depth	100	LF	137.00	13,700.00	
113	18" PVC Pipe, C-905 DR 21 (Gravity Sewer) 6' - 8' Depth	200	LF	141.00	28,200.00	
114	18" PVC Pipe, C-905 DR 21 (Gravity Sewer) 8' - 10' Depth	200	LF	141.00	28,200.00	
115	18" PVC Pipe, C-905 DR 21 (Gravity Sewer) 10' - 12' Depth	100	LF	155.00	15,500.00	
116	18" PVC Pipe, C-905 DR 21 (Gravity Sewer) 12' - 14' Depth	100	LF	155.00	15,500.00	
117	18" PVC Pipe, C-905 DR 21 (Gravity Sewer) 14' - 16' Depth	50	LF	175.00	8,750.00	
118	18" PVC Pipe, C-905 DR 21 (Gravity Sewer) 16' - 18' Depth	50	LF	204.00	10,200.00	
119	21" DI Pipe, CL 350 (Gravity Sewer) 0' - 6' Depth	200	LF	190.00	38,000.00	
120	21" DI Pipe, CL 350 (Gravity Sewer) 6' - 8' Depth	400	LF	192.00	76,800.00	
121	21" DI Pipe, CL 350 (Gravity Sewer) 8' - 10' Depth	400	LF	192.00	76,800.00	
122	21" DI Pipe, CL 350 (Gravity Sewer) 10' - 12' Depth	200	LF	200.00	40,000.00	
123	21" DI Pipe, CL 350 (Gravity Sewer) 12' - 14' Depth	200	LF	200.00	40,000.00	
124	21" DI Pipe, CL 350 (Gravity Sewer) 14' - 16' Depth	100	LF	211.00	21,100.00	
125	21" DI Pipe, CL 350 (Gravity Sewer) 16' - 18' Depth	100	LF	227.00	22,700.00	
126	21" PVC Pipe, C-905 DR 21 (Gravity Sewer) 0' - 6' Depth	100	LF	161.00	16,100.00	
127	21" PVC Pipe, C-905 DR 21 (Gravity Sewer) 6' - 8' Depth	200	LF	166.00	33,200.00	
128	21" PVC Pipe, C-905 DR 21 (Gravity Sewer) 8' - 10' Depth	200	LF	166.00	33,200.00	
129	21" PVC Pipe, C-905 DR 21 (Gravity Sewer) 10' - 12' Depth	100	LF	181.00	18,100.00	
130	21" PVC Pipe, C-905 DR 21 (Gravity Sewer) 12' - 14' Depth	100	LF	181.00	18,100.00	
131	21" PVC Pipe, C-905 DR 21 (Gravity Sewer) 14' - 16' Depth	50	LF	202.00	10,100.00	
132	21" PVC Pipe, C-905 DR 21 (Gravity Sewer) 16' - 18' Depth	50	LF	235.00	11,750.00	
133	24" DI Pipe, CL 350 (Gravity Sewer) 0' - 6' Depth	200	LF	326.00	65,200.00	
134	24" DI Pipe, CL 350 (Gravity Sewer) 6' - 8' Depth	400	LF	331.00	132,400.00	

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS						
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT	
135	24" DI Pipe, CL 350 (Gravity Sewer) 8' - 10' Depth	400	LF	331.00	132,400.00	
136	24" DI Pipe, CL 350 (Gravity Sewer) 10' - 12' Depth	200	LF	349.00	69,800.00	
137	24" DI Pipe, CL 350 (Gravity Sewer) 12' - 14' Depth	200	LF	349.00	69,800.00	
138	24" DI Pipe, CL 350 (Gravity Sewer) 14' - 16' Depth	100	LF	371.00	37,100.00	
139	24" DI Pipe, CL 350 (Gravity Sewer) 16' - 18' Depth	100	LF	407.00	40,700.00	
140	24" PVC Pipe, C-905 DR 21 (Gravity Sewer) 0' - 6' Depth	100	LF	231.00	23,100.00	
141	24" PVC Pipe, C-905 DR 21 (Gravity Sewer) 6' - 8' Depth	200	LF	237.00	47,400.00	
142	24" PVC Pipe, C-905 DR 21 (Gravity Sewer) 8' - 10' Depth	200	LF	237.00	47,400.00	
143	24" PVC Pipe, C-905 DR 21 (Gravity Sewer) 10' - 12' Depth	100	LF	253.00	25,300.00	
144	24" PVC Pipe, C-905 DR 21 (Gravity Sewer) 12' - 14' Depth	100	LF	253.00	25,300.00	
145	24" PVC Pipe, C-905 DR 21 (Gravity Sewer) 14' - 16' Depth	50	LF	276.00	13,800.00	
146	24" PVC Pipe, C-905 DR 21 (Gravity Sewer) 16' - 18' Depth	50	LF	311.00	15,550.00	
147	Install PVC Cleanout	10	EA	1,050.00	10,500.00	
148	Replace PVC Cleanout with Manhole Structure	10	EA	5100.00	51,000.00	
149	Remove Pipe 2" or 4" (Gravity Sewer)	200	LF	73.00	14,600.00	
150	Remove Pipe 6" or 8" (Gravity Sewer)	400	LF	79.00	31,600.00	
151	Remove Pipe 10" or 12" (Gravity Sewer)	400	LF	100.00	40,000.00	
152	Remove Pipe 15", 16" or 18" (Gravity Sewer)	200	LF	128.00	25,600.00	
153	Remove Pipe 21" or 24" (Gravity Sewer)	200	LF	158.00	31,600.00	
154	4" Pipe - Install or Adjust Service Lateral 0'-6' Deep	3	EA	3,179.00	9,537.00	
155	4" Pipe - Install or Adjust Service Lateral 6'-8' Deep	3	EA	3,179.00	9,537.00	
156	4" Pipe - Install or Adjust Service Lateral 8'-10' Deep	3	EA	3,559.00	10,677.00	
157	4" Pipe - Install or Adjust Service Lateral 10'-12' Deep	3	EA	3,559.00	10,677.00	
158	4" Pipe - Install or Adjust Service Lateral 12'-14' Deep	2	EA	4,350.00	8,700.00	
159	4" Pipe - Install or Adjust Service Lateral 14'-16' Deep	2	EA	4,350.00	8,700.00	

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
160	4" Pipe - Install or Adjust Service Lateral 16'-18' Deep	2	EA	6,488.00	12,976.00
161	6" Pipe - Install or Adjust Service Lateral 0'-6' Deep	3	EA	3,426.00	10,278.00
162	6" Pipe - Install or Adjust Service Lateral 6'-8' Deep	3	EA	3,426.00	10,278.00
163	6" Pipe - Install or Adjust Service Lateral 8'-10' Deep	3	EA	3,803.00	11,409.00
164	6" Pipe - Install or Adjust Service Lateral 10'-12' Deep	3	EA	3,803.00	11,409.00
165	6" Pipe - Install or Adjust Service Lateral 12'-14' Deep	2	EA	4,575.00	9,150.00
166	6" Pipe - Install or Adjust Service Lateral 14'-16' Deep	2	EA	4,575.00	9,150.00
167	6" Pipe - Install or Adjust Service Lateral 16'-18' Deep	2	EA	6,714.00	13,428.00
168	2" Sewer Line Manhole Connection	3	EA	414.00	1,242.00
169	4" Sewer Line Manhole Connection	3	EA	476.00	1,428.00
170	6" Sewer Line Manhole Connection	5	EA	638.00	3,190.00
171	8" Sewer Line Manhole Connection	5	EA	838.00	4,190.00
172	10" Sewer Line Manhole Connection	3	EA	954.00	2,862.00
173	12" Sewer Line Manhole Connection	3	EA	972.00	2,916.00
174	16" Sewer Line Manhole Connection	3	EA	1,140.00	3,420.00
175	18" Sewer Line Manhole Connection	2	EA	1,560.00	3,120.00
176	21" Sewer Line Manhole Connection	2	EA	1,650.00	3,300.00
177	24" Sewer Line Manhole Connection	2	EA	3,750.00	7,500.00
178	2" Inside Drop Connection	3	EA	1,314.00	3,942.00
179	4" Inside Drop Connection	3	EA	1,854.00	5,562.00
180	6" Inside Drop Connection	3	EA	1,920.00	5,760.00
181	8" Inside Drop Connection	5	EA	2,070.00	10,350.00
182	10" Inside Drop Connection	3	EA	3,288.00	9,864.00
183	12" Inside Drop Connection	3	EA	3,858.00	11,574.00
184	15"/16" Inside Drop Connection	3	EA	4,104.00	12,312.00
185	18" Inside Drop Connection	2	EA	4,392.00	8,784.00
186	21" Inside Drop Connection	3	EA	5,292.00	15,876.00
187	24" Inside Drop Connection	2	EA	8,142.00	16,284.00
188	Grouting Out of Service Pipe (Force Main)	30	CY	330.00	9,900.00
189	Disconnect & Plug 2" or 4" Pipe	5	EA	660.00	3,300.00
190	Disconnect & Plug 6" or 8" Pipe	5	EA	1,018.00	5,090.00
191	Disconnect & Plug 10" or 12" Pipe	5	EA	1,166.00	5,830.00
192	2" PVC Restrained Joint Pipe & Fittings FM, SDR 21	200	LF	42.00	8,400.00
193	4" PVC Pipe, C-900 DR 18 (Force Main)	500	LF	40.00	20,000.00

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS						
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT	
194	4" PVC Restrained Joint Pipe & Fittings FM, C-900 DR 18	100	LF	44.00	4,400.00	
195	6" PVC Pipe, C-900 DR 18 (Force Main)	500	LF	44.00	22,000.00	
196	6" PVC Restrained Joint Pipe & Fittings FM, C-900 DR 18	100	LF	48.00	4,800.00	
197	8" PVC Pipe, C-900 DR 18 (Force Main)	500	LF	49.00	24,500.00	
198	8" PVC Restrained Joint Pipe & Fittings FM, C-900 DR 18	100	LF	56.00	5,600.00	
199	10" PVC Pipe, C-900 DR 18 (Force Main)	500	LF	64.00	32,000.00	
200	10" PVC Restrained Joint Pipe & Fittings FM, C-900 DR 18	100	LF	76.00	7,600.00	
201	12" PVC Pipe, C-900 DR 18 (Force Main)	300	LF	73.00	21,900.00	
202	12" PVC Restrained Joint Pipe & Fittings FM, C-900 DR 18	100	LF	88.00	8,800.00	
203	2" Restrained Joints	20	EA	105.00	2,100.00	
204	4" Restrained Joints	20	EA	133.00	2,660.00	
205	6" Restrained Joints	20	EA	156.00	3,120.00	
206	8" Restrained Joints	20	EA	226.00	4,520.00	
207	10" Restrained Joints	20	EA	401.00	8,020.00	
208	12" Restrained Joints	20	EA	439.00	8,780.00	
209	2"-4" Forcemain Pipe and Appurtenances - Over Depth Excavation	400	LF	26.00	10,400.00	
210	6"-8" Forcemain Pipe and Appurtenances - Over Depth Excavation	500	LF	26.00	13,000.00	
211	10"-12" Forcemain Pipe and Appurtenances - Over Depth Excavation	200	LF	33.00	6,600.00	
212	Remove Out of Service Pipe 2" or 4" (Force Main)	500	LF	36.00	18,000.00	
213	Remove Out of Service Pipe 6" or 8" (Force Main)	1000	LF	44.00	44,000.00	
214	Remove Out of Service Pipe 10" or 12" (Force Main)	500	LF	54.00	27,000.00	
215	2" Sleeved Connection	6	EA	304.00	1,824.00	
216	4" Sleeved Connection	6	EA	890.00	5,340.00	
217	6" Sleeved Connection	10	EA	1,679.00	16,790.00	
218	8" Sleeved Connection	10	EA	1,713.00	17,130.00	
219	10" Sleeved Connection	4	EA	2,014.00	8,056.00	
220	12" Sleeved Connection	4	EA	2,302.00	9,208.00	
221	Reverse Deadman for 2" or 4" Pipe	3	EA	1,401.00	4,203.00	
222	Reverse Deadman for 6" or 8" Pipe	5	EA	1,781.00	8,905.00	
223	Reverse Deadman for 10" or 12" Pipe	3	EA	2,849.00	8,547.00	
224	DI Fittings FM C 153 (Compact Body)	2	TN	41,380.00	82,760.00	
225	2" Air Release Assembly (In-line)	2	EA	14,958.00	29,916.00	

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
226	2" Air Release Assembly (Offset)	2	EA	10,200.00	20,400.00
227	2" RWGV (Resilient Wedge Gate Valve) & Box	4	EA	1,155.00	4,620.00
228	4" RWGV & Box C 515	4	EA	1,429.00	5,716.00
229	6" RWGV & Box C 515	10	EA	1,816.00	18,160.00
230	8" RWGV & Box C 515	5	EA	2,548.00	12,740.00
231	10" RWGV & Box C 515	2	EA	3,676.00	7,352.00
232	12" RWGV & Box C 515	2	EA	4,077.00	8,154.00
233	Adjust Valve Box to Finished Grade (In Pavement)	5	EA	578.00	2,890.00
234	Adjust Valve Box to Finished Grade (Outside of Pavement)	5	EA	278.00	1,390.00
235	4" Line Stop	1	EA	8,234.00	8,234.00
236	6" Line Stop	1	EA	9,320.00	9,320.00
237	8" Line Stop	1	EA	11,682.00	11,682.00
238	10" Line Stop	1	EA	15,300.00	15,300.00
239	12" Line Stop	1	EA	16,740.00	16,740.00
240	4" x 2" Tapping Saddle Valve & Box	2	EA	1,774.00	3,548.00
241	4" x 4" Tapping Sleeve Valve & Box	2	EA	3,759.00	7,518.00
242	6" x 2" Tapping Saddle Valve & Box	2	EA	1,801.00	3,602.00
243	6" x 4" Tapping Sleeve Valve & Box	2	EA	3,629.00	7,258.00
244	6" x 6" Tapping Sleeve Valve & Box	2	EA	4,454.00	8,908.00
245	8" x 2" Tapping Saddle Valve & Box	2	EA	1,829.00	3,658.00
246	8" x 4" Tapping Sleeve Valve & Box	2	EA	3,644.00	7,288.00
247	8" x 6" Tapping Sleeve Valve & Box	2	EA	4,145.00	8,290.00
248	8" x 8" Tapping Sleeve Valve & Box	2	EA	5,486.00	10,972.00
249	10" x 2" Tapping Saddle Valve & Box	2	EA	1,856.00	3,712.00
250	10" x 4" Tapping Sleeve Valve & Box	2	EA	3,688.00	7,376.00
251	10" x 6" Tapping Sleeve Valve & Box	2	EA	4,227.00	8,454.00
252	10" x 8" Tapping Sleeve Valve & Box	2	EA	5,556.00	11,112.00
253	10" x 10" Tapping Sleeve Valve & Box	2	EA	7,414.00	14,828.00
254	12" x 2" Tapping Saddle Valve & Box	2	EA	1,870.00	3,740.00
255	12" x 4" Tapping Sleeve Valve & Box	2	EA	3,927.00	7,854.00
256	12" x 6" Tapping Sleeve Valve & Box	2	EA	4,294.00	8,588.00
257	12" x 8" Tapping Sleeve Valve & Box	2	EA	5,398.00	10,796.00
258	12" x 10" Tapping Sleeve Valve & Box	2	EA	7,021.00	14,042.00
259	12" x 12" Tapping Sleeve Valve & Box	2	EA	9,471.00	18,942.00
260	4' Dia. - Precast Manhole Standard	30	VF	1,275.00	38,250.00
261	4' Dia. - Precast Manhole Inside Drop	10	VF	1,643.00	16,430.00
262	4' Dia. - Precast Manhole Outside Drop	10	VF	1,448.00	14,480.00
263	5' Dia. - Precast Manhole Standard	30	VF	1,605.00	48,150.00
264	5' Dia. - Precast Manhole Inside Drop	10	VF	1,943.00	19,430.00
265	5' Dia. - Precast Manhole Outside Drop	10	VF	1,838.00	18,380.00
266	5' Dia. - Precast Air Release Manhole	10	VF	2,078.00	20,780.00

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
267	6' Dia. - Precast Manhole Standard	30	VF	2,025.00	60,750.00
268	6' Dia. - Precast Manhole Inside Drop	10	VF	2,370.00	23,700.00
269	6' Dia. - Precast Manhole Outside Drop	10	VF	2,265.00	22,650.00
270	Removal of Existing Manhole	3	EA	1,478.00	4,434.00
271	Remove Existing Manhole Additional	30	VF	132.00	3,960.00
272	Initial Excavation - 0'-6' Deep	5	EA	9,811.00	49,055.00
273	Initial Excavation - 6'-8' Deep	6	EA	10,348.00	62,088.00
274	Initial Excavation - 8'-10' Deep	6	EA	9,893.00	59,358.00
275	Initial Excavation - 10'-12' Deep	6	EA	12,265.00	73,590.00
276	Initial Excavation - 12'-14' Deep	3	EA	12,925.00	38,775.00
277	Initial Excavation - 14'-16' Deep	3	EA	14,493.00	43,479.00
278	Initial Excavation - 16'-18' Deep	2	EA	15,352.00	30,704.00
279	Initial Excavation - 18'-20' Deep	2	EA	16,363.00	32,726.00
280	Additional Excavation - 0'-6' Deep	100	LF	106.00	10,600.00
281	Additional Excavation - 6'-8' Deep	100	LF	95.00	9,500.00
282	Additional Excavation - 8'-10' Deep	100	LF	116.00	11,600.00
283	Additional Excavation - 10'-12' Deep	100	LF	116.00	11,600.00
284	Additional Excavation - 12'-14' Deep	100	LF	165.00	16,500.00
285	Additional Excavation - 14'-16' Deep	100	LF	165.00	16,500.00
286	Additional Excavation - 16'-18' Deep	50	LF	234.00	11,700.00
287	Additional Excavation - 18'-20' Deep	50	LF	234.00	11,700.00
288	Wastewater Bypass Pumping, Set up, 6" - 10" diameter	5	EA	908.00	4,540.00
289	Wastewater Bypass Pumping, Set up, 12" - 14" diameter	2	EA	1,246.00	2,492.00
290	Wastewater Bypass Pumping, Set up, 15" - 21" diameter	2	EA	1,664.00	3,328.00
291	Wastewater Bypass Pumping, Set up, 24" diameter	2	EA	2,496.00	4,992.00
292	Wastewater Bypass Pumping, Operation, 6" - 10" diameter	10	DAY	2,723.00	27,230.00
293	Wastewater Bypass Pumping, Operation, 12" - 14" diameter	5	DAY	5,754.00	28,770.00
294	Wastewater Bypass Pumping, Operation, 15" - 21" diameter	5	DAY	5,754.00	28,770.00
295	Wastewater Bypass Pumping, Operation, 24" diameter	2	DAY	7,920.00	15,840.00
296	6" Dia. Pipe Gravity Sewer Point Repair (DI Replacement Pipe)	2	EA	3,910.00	7,820.00
297	6" Dia. Pipe Gravity Sewer Point Repair (PVC Replacement Pipe)	5	EA	3,054.00	15,270.00
298	8" Dia. Pipe Gravity Sewer Point Repair (DI Replacement Pipe)	2	EA	4,314.00	8,628.00

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
299	8" Dia. Pipe Gravity Sewer Point Repair (PVC Replacement Pipe)	5	EA	3,335.00	16,675.00
300	10" Dia. Pipe Gravity Sewer Point Repair (DI Replacement Pipe)	2	EA	4,898.00	9,796.00
301	10" Dia. Pipe Gravity Sewer Point Repair (PVC Replacement Pipe)	5	EA	3,654.00	18,270.00
302	12" Dia. Pipe Gravity Sewer Point Repair (DI Replacement Pipe)	2	EA	6,089.00	12,178.00
303	12" Dia. Pipe Gravity Sewer Point Repair (PVC Replacement Pipe)	5	EA	4,002.00	20,010.00
304	15"/16" Dia. Pipe Gravity Sewer Point Repair (DI Replacement Pipe)	2	EA	8,260.00	16,520.00
305	15"/16" Dia. Pipe Gravity Sewer Point Repair (PVC Replacement Pipe)	2	EA	7,154.00	14,308.00
306	18" Dia. Pipe Gravity Sewer Point Repair (DI Replacement Pipe)	2	EA	11,361.00	22,722.00
307	18" Dia. Pipe Gravity Sewer Point Repair (PVC Replacement Pipe)	2	EA	8,735.00	17,470.00
308	21" Dia. Pipe Gravity Sewer Point Repair (DI Replacement Pipe)	2	EA	14,642.00	29,284.00
309	21" Dia. Pipe Gravity Sewer Point Repair (PVC Replacement Pipe)	2	EA	11,597.00	23,194.00
310	24" Dia. Pipe Gravity Sewer Point Repair (DI Replacement Pipe)	2	EA	16,494.00	32,988.00
311	24" Dia. Pipe Gravity Sewer Point Repair (PVC Replacement Pipe)	2	EA	13,325.00	26,650.00
312	6" Dia. Pipe Gravity Sewer Point Repair - Additional Length (DI Replacement Pipe)	20	LF	142.00	2,840.00
313	6" Dia. Pipe Gravity Sewer Point Repair - Additional Length (PVC Replacement Pipe)	50	LF	87.00	4,350.00
314	8" Dia. Pipe Gravity Sewer Point Repair - Additional Length (DI Replacement Pipe)	20	LF	163.00	3,260.00
315	8" Dia. Pipe Gravity Sewer Point Repair - Additional Length (PVC Replacement Pipe)	100	LF	102.00	10,200.00
316	10" Dia. Pipe Gravity Sewer Point Repair - Additional Length (DI Replacement Pipe)	20	LF	175.00	3,500.00
317	10" Dia. Pipe Gravity Sewer Point Repair - Additional Length (PVC Replacement Pipe)	100	LF	141.00	14,100.00
318	12" Dia. Pipe Gravity Sewer Point Repair Additional Length (DI Replacement Pipe)	50	LF	204.00	10,200.00
319	12" Dia. Pipe Gravity Sewer Point Repair - Additional Length (PVC Replacement Pipe)	20	LF	177.00	3,540.00

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS						
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT	
320	15"/16" Dia. Pipe Gravity Sewer Point Repair - Additional Length (DI Replacement Pipe)	20	LF	279.00	5,580.00	
321	15"/16" Dia. Pipe Gravity Sewer Point Repair - Additional Length (PVC Replacement Pipe)	50	LF	151.00	7,550.00	
322	18" Dia. Pipe Gravity Sewer Point Repair - Additional Length (DI Replacement Pipe)	20	LF	322.00	6,440.00	
323	18" Dia. Pipe Gravity Sewer Point Repair - Additional Length (PVC Replacement Pipe)	50	LF	171.00	8,550.00	
324	21" Dia. Pipe Gravity Sewer Point Repair - Additional Length (DI Replacement Pipe)	20	LF	397.00	7,940.00	
325	21" Dia. Pipe Gravity Sewer Point Repair - Additional Length (PVC Replacement Pipe)	50	LF	233.00	11,650.00	
326	24" Dia. Pipe Gravity Sewer Point Repair - Additional Length (DI Replacement Pipe)	20	LF	485.00	9,700.00	
327	24" Dia. Pipe Gravity Sewer Point Repair - Additional Length (PVC Replacement Pipe)	50	LF	350.00	17,500.00	
328	2" Dia. Pipe Forcemain Point Repair	3	EA	2,008.00	6,024.00	
329	4" Dia. Pipe Forcemain Point Repair	3	EA	3,649.00	10,947.00	
330	6" Dia. Pipe Forcemain Point Repair	3	EA	4,221.00	12,663.00	
331	8" Dia. Pipe Forcemain Point Repair	3	EA	5,169.00	15,507.00	
332	10" Dia. Pipe Forcemain Point Repair	2	EA	5,019.00	10,038.00	
333	12" Dia. Pipe Forcemain Point Repair	2	EA	5,723.00	11,446.00	
334	Replace Manhole Ring & Cover (Asphalt Pavement)	5	EA	2,340.00	11,700.00	
335	Replace Manhole Ring & Cover (Unpaved)	5	EA	878.00	4,390.00	
336	Manhole Bench Replacement, 4' Diameter	2	EA	667.00	1,334.00	
337	Manhole Bench Replacement, 5' Diameter	2	EA	756.00	1,512.00	
338	Manhole Bench Replacement, 6' Diameter	2	EA	853.00	1,706.00	
339	Adjust Manhole Ring & Cover to Finished Grade (In Pavement)	5	EA	1,614.00	8,070.00	
340	Adjust Manhole Ring & Cover to Finished Grade (Outside of Pavement)	5	EA	713.00	3,565.00	
341	Flowable Concrete Fill	100	CY	228.00	22,800.00	
342	Roadway Base, Lime Rock, Primed, Min. LBR 100, Variable Thickness	120	CY	220.00	26,400.00	
343	Roadway Base, Crushed Concrete/Graded Aggregate, Min. LBR 100, Variable Thickness	120	CY	174.00	20,880.00	
344	Superpave Asphalt Base, Type B 12.5, Variable Thickness	50	TN	358.00	17,900.00	
345	Superpave Asphalt Concrete, Type SP 9.5, Fine, Traffic Level C, Variable Thickness	100	TN	358.00	35,800.00	
346	Superpave Asphalt Concrete, Type SP 12.5, Fine, Traffic Level C, Variable Thickness	100	TN	358.00	35,800.00	

CITY OF ST. PETE BEACH WASTEWATER SYSTEM REHABILITATION SERVICES WASTEWATER SYSTEM POINT REPAIRS						
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT	
347	Pavement, Cement Concrete, 6" Min Thickness (Driveways)	100	SY	165.00	16,500.00	
348	Pavement, Cement Concrete, 8" Thick	100	SY	303.00	30,300.00	
349	Driveway Restoration, In Kind, Decorative Block	50	SY	160.00	8,000.00	
350	Milling Existing Asphalt Pavement, 1/2" Average Depth	150	SY	26.00	3,900.00	
351	Milling Existing Asphalt Pavement, 3/4" Average Depth	150	SY	26.00	3,900.00	
352	Milling Existing Asphalt Pavement, 1" Average Depth	150	SY	26.00	3,900.00	
353	Curb & Gutter, Concrete, FDOT Type D	100	LF	70.00	7,000.00	
354	Curb & Gutter Concrete, FDOT Type F	100	LF	85.00	8,500.00	
355	Curb & Gutter, Concrete, Miami Curb	300	LF	128.00	38,400.00	
356	Valley Gutter, Concrete, PCED Index 1315	100	LF	128.00	12,800.00	
357	Sidewalk, Concrete, 4" Min. Thickness, Remove and Replace	500	SF	12.00	6,000.00	
358	Sidewalk, Concrete, 6" Min. Thickness, Remove and Replace	500	SF	39.00	19,500.00	
359	Sodding	4500	SF	1.00	4,500.00	
GRAND TOTAL					\$ 6,876,150.00	

LIQUIDATED DAMAGES

If the work on each individual project embraced by this Contract is not completed on or before the date set for completion or any extension thereof, the actual damages for the delay will be impossible to determine and in lieu thereof, the Contractor shall pay to the City fixed, agreed, and liquidated damages in the amount of either Five-Hundred Dollars (\$500) per day for each calendar day of delay until the work is satisfactorily completed.

V. REFERENCES & MINIMUM QUALIFICATIONS

Provide at least three (3) or more professional, business references with which you have contracted to provide similar services in the past five (5) years. Include the name of the person, its organization and telephone number, fax number, and e-mail address. Include any governmental agencies, with the same contact and descriptive information for which you have provided similar service within the past five (5) years.

See Attached

Provide a brief description of the history and capabilities of the firm. Describe the types of projects or services the firm performs/has performed and the dollar value of each. Provide information regarding your firm's ability to complete this project. Demonstrate that the firm's personnel have experience with similar projects.

Underground Utilities

Identify all unresolved and ongoing claims and disputes against your firm in excess of \$500,000. Include any claims against the principals of your firm or any claims your company may have against a third party. Provide a history of litigation, including the outcomes, for the past five (5) years.

None

The responding firm shall provide a statement of assurance that the firm is not presently in violations of any statutes or regulatory rules that might have an impact on the firm's operations. All applicable laws and regulations of the State of Florida and ordinances and regulations of the City of St. Pete Beach will apply.

Rowland Inc. is not presently in violation of any Statutes or Rules
Provide the overall bonding capacity for the company and provide a history of any claims against the bidder's previous bonds for the past five (5) years.

Aggregate Bond Capacity is \$35,000,000.00 - No Claims

The City shall be the sole final judge of qualifications of bidder to perform service and reserves the exclusive right to accept or reject any bid as it deems to be in the best interests of the City. The City reserves the right to make such investigation, as it deems necessary, to determine the ability of any proposer to perform the work or service requested. Failure to comply with the requirements of this section may be grounds for rejecting a response.

BIDDER'S EXPERIENCE LIST

CUSTOMER NAME	ADDRESS	PHONE NUMBER	DESCRIPTION OF WORK	CONTACT NAME
Pinellas County	14 South Fort Harrison Avenue Clearwater, Florida 33756	(727) 464-4223	As-Needed Sewer Repair Annual Contract	Dennis Simpson
Pasco County	19420 Central Blvd. Land O'Lakes, FL 34637	(813) 235-6189 ext. 6953	As-Needed Sewer Repair Annual Contract	Eddie Elmore
City of Clearwater	100 S. Myrtle Ave. Clearwater, FL 33756	(727) 562-4798	As-Needed Sewer Repair Annual Contract	Todd Kuhnel
City of St. Pete Beach	155 Corey Avenue St. Pete Beach, FL 33706	(727) 363-9254	As-Needed Sewer Repair Annual Contract	Brett Warner
City of St. Petersburg	1650 Third Avenue North St. Petersburg, Florida 33713	(727) 892-5659	As-Needed Sewer Repair Annual Contract	Tony Seufert
Tampa Bay Water	2535 Landmark Drive Clearwater, Florida 33761	(727) 796-2355	As-Needed Contractor Service	Ed Davis

SWORN STATEMENT – PUBLIC ENTITY CRIMES

THE FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

- (Signature)

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crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.

5. I understand that a "person" as defined in § 287.133 (1)(e), Fla. Stat., means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement (indicate which statement applies).
☒ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
___ The entity submitting this sworn statement or one (1) or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
___ The entity submitting this sworn statement or one (1) or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Office of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICE FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 ABOVE IS FOR THE PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

STATE OF FLORIDA
COUNTY OF Pinellas

The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 10th day of September, 2021, by Kevin D. Rowland, who is personally known to me or has produced Personally Known as identification.

(SEAL)


Notary Public – State of Florida

Honore P. DuFaux III

(Print, Type, Stamp, or Commissioned
Name of Notary Public)

VII. NON-COLLUSION AFFADAVIT

STATE OF Florida
COUNTY OF Pinellas

I state that I Kevin D. Rowland, President of Rowland Inc.,
(Name and Title) (Name of Firm)

am authorized to make this affidavit on behalf of my firm and its owner, directors and officers. I am the person responsible in my firm for the price(s) and amount(s) of this Response, and the preparation of the Response. I state that:

1. The price(s) and amount(s) of this Response have been arrived at independently and without consultation, communication or agreement with any other Provider, potential provider, Proposal, or potential Proposal.
2. Neither the price(s) nor the amount(s) of this Response, and neither the approximate price(s) nor approximate amount(s) of this Response, have been disclosed to any other firm or person who is a Provider, potential Provider, Proposal, or potential Proposal, and they will not be disclosed before Proposal opening.
3. No attempt has been made or will be made to induce any firm or persons to refrain from submitting a Response for this contract, or to submit a price(s) higher than the prices in this Response, or to submit any intentionally high or noncompetitive price(s) or other form of complementary Response.
4. The Response of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive Response.
5. Rowland Inc., its affiliates, subsidiaries, officers, director, and employees (Name of Firm) are not currently under investigation, by any governmental agency and have not in the last three years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to Proposal, on any public contract, except as follows:

I state that I and the named firm understand and acknowledge that the above representations are material and important, and will be relied on by the State of Florida for which this Response is submitted. I understand and my firm understands that any misstatement in this affidavit is, and shall be treated as, fraudulent concealment from the State of Florida of the true facts relating to the submission of responses for this contract.

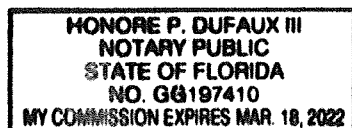
Name of Organization: Rowland Inc.

Signed By: K. D. Rowland

Print Name: Kevin D. Rowland

The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 10th day of September, 2021, by Kevin D. Rowland, who is personally known to me or has produced Personally Known as identification.

(SEAL.)



Honore P. DuFaux III
Notary Public – State of Florida

Honore P. DuFaux III
(Print, Type, Stamp, or Commissioned Name of Notary Public)

**St. Pete Beach City Commission
Agenda Report**

Action Request:	I move to adopt Ordinance 2024-01.
Strategic Objective:	To include the attendance of the City Attorney and City Clerk's offices at the Technical Review Committee meetings in reviewing applications.
Date:	May 14, 2024
Prepared By:	Matthew McConnell, Assistant City Attorney
Through:	Wayne Saunders, Interim City Manager
Summary of Issue:	At the July 11, 2023, City Commission Meeting, the City Commission moved to authorize the City Attorney to amend the City's Code of Ordinances to include the attendance of the City Attorney's office and the City Clerk at the Technical Review Committee. The City Commission also moved for the City Clerk to work with the IT Department to establish a recording of the Technical Review Committee meetings.
Funding:	N/A
Attachments:	Ordinance 2024-01

Business Impact Estimate

This form should be included in the agenda packet for the item under which the proposed ordinance is to be considered and must be posted on the City of St. Pete Beach website by the time notice of the proposed ordinance is published.

Proposed ordinance's title/reference:

AN ORDINANCE OF THE CITY OF ST. PETE BEACH, FLORIDA AMENDING THE CODE OF ORDINANCES, CHAPTER 22 – BARODS, COMMITTEES, COMMISSIONS, ARTICLE VI – TECHNICAL REVIEW COMMITTEE (TRC), SECTION 22-146 – MEMBERSHIP; PROVIDING FOR CODIFICATION; CONFLICTS; SEVERABILITY; CORRECTION OF SCRIVENER'S ERROR; CONSTRUCTION; PUBLICATION; AND AN EFFECTIVE DATE.

This Business Impact Estimate is provided in accordance with section 166.041(4), Florida Statutes. If one or more boxes are checked below, this means the City of St. Pete Beach is of the view that a business impact estimate is not required by state law¹ for the proposed ordinance, but the City of St. Pete Beach is, nevertheless, providing this Business Impact Estimate as a courtesy and to avoid any procedural issues that could impact the enactment of the proposed ordinance. This Business Impact Estimate may be revised following its initial posting.

- ☐ The proposed ordinance is required for compliance with Federal or State law or regulation;
- ☐ The proposed ordinance relates to the issuance or refinancing of debt;
- ☐ The proposed ordinance relates to the adoption of budgets or budget amendments, including revenue sources necessary to fund the budget;
- ☐ The proposed ordinance is required to implement a contract or an agreement, including, but not limited to, any Federal, State, local, or private grant or other financial assistance accepted by the municipal government;
- ☐ The proposed ordinance is an emergency ordinance;
- ☐ The ordinance relates to procurement; or
- ☐ The proposed ordinance is enacted to implement the following:
 - a. Part II of Chapter 163, Florida Statutes, relating to growth policy, county and municipal planning, and land development regulation, including zoning, development orders, development agreements and development permits;
 - b. Sections 190.005 and 190.046, Florida Statutes, regarding community development districts;
 - c. Section 553.73, Florida Statutes, relating to the Florida Building Code; or
 - d. Section 633.202, Florida Statutes, relating to the Florida Fire Prevention Code.

In accordance with the provisions of controlling law, even notwithstanding the fact that an exemption noted above may apply, the City of St. Pete Beach hereby publishes the following information:

¹ See Section 166.041(4)(c), Florida Statutes.

1. Summary of the proposed ordinance (must include a statement of the public purpose, such as serving the public health, safety, morals and welfare):

To include the attendance of the City Attorney's office and City Clerk's office at the Technical Review Committee meetings in reviewing applications for compliance with the City's Land Development Code and all applicable building codes.

2. An estimate of the direct economic impact of the proposed ordinance on private, for-profit businesses in the City of St. Pete Beach, if any:

(a) An estimate of direct compliance costs that businesses may reasonably incur;

(b) Any new charge or fee imposed by the proposed ordinance or for which businesses will be financially responsible; and

(c) An estimate of the City of St. Pete Beach's regulatory costs, including estimated revenues from any new charges or fees to cover such costs.

None.

3. Good faith estimate of the number of businesses likely to be impacted by the proposed ordinance:

None.

4. Additional information the governing body deems useful (if any):

None.

Ordinance 2024-01

**AN ORDINANCE OF THE CITY OF ST. PETE BEACH, FLORIDA
AMENDING THE CODE OF ORDINANCES, CHAPTER 22 – BOARDS,
COMMITTEES, COMMISSIONS, ARTICLE VI – TECHNICAL
REVIEW COMMITTEE (TRC), SECTION 22-146 – MEMBERSHIP;
PROVIDING FOR CODIFICATION; CONFLICTS; SEVERABILITY;
CORRECTION OF SCRIVENER’S ERROR; CONSTRUCTION;
PUBLICATION; AND AN EFFECTIVE DATE.**

WHEREAS, the City Commission of the City of St. Pete Beach desires to amend Section 22-146 of the City’s Code of Ordinances.

WHEREAS, the City Commission desires to include both the City Clerk’s office and the City Attorney’s office as members of the Technical Review Committee.

WHEREAS, the City Commission finds this amendment to be in the best interest of the citizens of the City of St. Pete Beach.

**NOW, THEREFORE, THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH
FLORIDA, HEREBY ORDAINS:**

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

SECTION 2.

Code of Ordinances, Chapter 22, Article VI shall be amended as follows:

Sec. 22-146. Membership

(a) The membership shall include the director or his or her designee from the following city agencies:

- (1) Planning and zoning;
- (2) Building;
- (3) Public safety/code enforcement;
- (4) Fire;
- (5) Public services; ~~and~~
- (6) Recreation;~~;~~
- (7) City Clerk’s office; and

(8) City Attorney's office.

Provided, however, the city manager may appoint additional city staff representatives to serve on the TRC as he or she may deem appropriate.

SECTION 3. Codification. This Ordinance shall be codified in the Code of Ordinance of the City of St. Pete Beach.

SECTION 4. Conflicts. All ordinances or parts of ordinances, in conflict herewith are hereby repealed to the extent of any conflict with the Ordinance.

SECTION 5. Severability. The provisions of this Ordinance are declared to be severable, and if any section, sentence, clause or phrase of this Ordinance shall for any reason be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Ordinance as they shall remain in effect, it being the legislative intent that this Ordinance shall stand notwithstanding the invalidity of any part.

SECTION 6. Scrivener's Error. The City Attorney may correct scrivener's errors found in this Ordinance by filing a corrected copy of this Ordinance with the City Clerk.

SECTION 7. Construction. This Ordinance is to be liberally construed to accomplish its objectives.

SECTION 8. Publication. This Ordinance shall be published in accordance with the requirements of law.

SECTION 9. Effective Date. This ordinance shall take effect immediately upon adoption.

FIRST READING: _____
PUBLISHED: _____
SECOND READING: _____
PUBLIC HEARING: _____

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

Adrian Petrila, Mayor

Words ~~stricken~~ through shall be deleted. Words underscored constitute the amendment proposed. The symbol *** constitutes code sections not shown for purposes of brevity. Remaining provisions are now in effect and remain unchanged.

I, Amber LaRowe, City Clerk of the City of St. Pete Beach, Florida, do hereby certify that the foregoing Ordinance was duly adopted in accordance with the provisions of applicable law this _____ day of _____, 2024.

Amber LaRowe, City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

Andrew Dickman, City Attorney

Words ~~stricken~~ through shall be deleted. Words underscored constitute the amendment proposed. The symbol *** constitutes code sections not shown for purposes of brevity. Remaining provisions are now in effect and remain unchanged.