

**CITY OF PALMETTO
CITY COMMISSION WORKSHOP MEETING
February 1, 2016
4:30 PM**

PLEDGE OF PUBLIC CONDUCT

*We may disagree, but we will be respectful to one another.
We will direct all comments to issues.
We will avoid personal attacks.*

516 8th Avenue West
Palmetto, Florida 34221

(941) 723-4570
<http://www.palmettofl.org>

Shirley Groover Bryant, Mayor

Commission Members

**Harold Smith, Vice Mayor, Commissioner, Ward 1
Tamara Cornwell, Commissioner-at-Large 2
Jonathan Davis, Commissioner-at-Large 1
Tambra Varnadore, Commissioner, Ward 2
Brian Williams, Commissioner, Ward 3**

1. SEWER SYSTEM PROGRESS REPORT (A. Tusing)

Mr. Tusing will give a presentation to Commission regarding the City's sewer system.

2. LIVING SHORELINE CONTRACT REPORT/DISCUSSION (B. Gause/J. Burton)

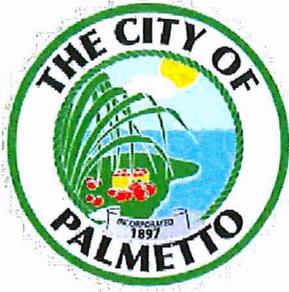
(TAB 1)

Project Manager Bob Gause will discuss the living shoreline project.

If any person desires to appeal any decision of the City Commission, CRA Board, or of any other Board of the City, that person will need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based (FS §286.0105).

The City of Palmetto does not discriminate on the basis of race, color, national origin, sex, religion, age, marital status or handicapped status in employment or in the provision of services. Handicapped individuals may receive special accommodation in services on forty-eight hours notice (FS §286.26). Anyone requiring reasonable accommodation for this meeting as provided for in the American with Disabilities Act should contact the City Clerk by telephone at 941-723-4570, fax 941-723-4576 or e-mail jfreeman@palmettofl.org or afoley@palmettofl.org.

POSTED: January 28, 2016



Riverside Park Living Seawall Project

CRA Project #15-693

SWFWMD Agreement: 16CF0000220



MONTHLY REPORT

February 2016



The purpose of the monthly update is to provide City leaders information about the project status and schedule for the CRA Riverside Park Living Seawall Project. This report has been separated from the Seawall project report update at the request of the CRA Board. Typically included with this update are cost summaries, project schedules and project photos. Since the project remains in the pre-construction phase, this report will be limited to providing the City leaders with a status of the project. As the project progresses, the report will begin to contain additional information and photos of the construction process.

Project Description: The project includes shoreline restoration along the east and west faces of the seawall exposed to open water. The project is part of a SWFWMD cooperative funding project (Agreement No. 16CF0000220) within the confines of the Palmetto Community Redevelopment Agency (CRA). The SWFWMD has determined that the project is consistent with the Surface Water Improvement and Management (SWIM) Plans for Tampa Bay, a SWIM priority water body, which outlines goals to restore habitat and reduce pollutant loads entering Tampa Bay.

The total amount of the cooperative funding included within the agreement is Eight Hundred Seventy Two Thousand Two Hundred Fifty Dollars (\$872,250.00) and is earmarked for both the Living Seawall and the FDOT improvements. Of the total amount, up to **One Hundred Twenty Five Thousand dollars (\$125,000)** cooperative funding is earmarked for the living seawall shoreline project.

District funds approved for the project will be used only for construction of the living seawall. The CRA will cost share in the funding of the living seawall. A separate FDEP/USCOE authorization was requested for this effort to occur. The approval (FDEP File No: 41-0269828-006) was received on January 21, 2016.

The CRA Board and the City Commission have approved this as a sole source project utilizing the Reefball Foundation/Reef Innovations, Inc. at its November 16, 2015 meeting. Since that time, the team has been working on the final design plans, permit plans and construction costs and schedule. Reef Innovations has been conducting detailed assessments and has even constructed a portion of the wall to establish the most cost effective ecological solutions. During that time various options and features were discussed as well as the need to have some work done to remove rubble along the bottom where it is to be placed. The proposed total cost is Three Hundred Thousand Nine Hundred Eighty Two dollars (\$300,982.00) for 910 lf of living seawall. This length is based on the amount of shoreline that is currently identified as being suitable for receiving the living seawall. Additionally, Reef Innovations will need the City to agree to grant Quality Marine an additional ten (10) days to their contract time period to remove the rubble currently scattered along the shoreline to allow the placement of the units. If the CRA decides to use some of the taller units, they will add approximately \$2,000 per 4' wide unit. Plaques cost approximately \$200 - \$250 per plaque. The plaques are not currently included in the cost estimate. The proposed project cost does not include LED lighting that had been discussed. The reason is due to cost containment.



Attached with this report is a spread sheet containing the proposed cost for the project. Additionally an exhibit has been attached with this report that was provided by the Reefball Foundation showing where the living seawall will be deployed. Some areas will have living seawall with eco-wrap. Other areas will utilize reefballs only. The City Attorney is working on the contract and it will be sent to SWFWMD for review and approval before being executed by the Mayor. The current goal is to have the contract placed on the February 16, 2016 agenda.

Project History/Schedule

August 11, 2015- Introduction Meeting

Nov. 16, 2015 – CRA selects Reef Innovations as sole source supplier.

Nov. 16 – Current – Reef Innovations, Reefball Foundation work with remainder of project team on components of the design.

Dec. 28, 2016 – Site coordination meeting held with team members on the project site.

Dec. 30, 2015 – Plans submitted to FDEP/COE for review and approval. Responsibilities for tracking different issues submitted to all team members.

January 27, 2016 – Proposed contract amount provided.

Feb. – Project contract brought before CRA Board for approval.

March –Construction/installation commences.

May/June – Substantial Completion



SWFWMD Project Deliverables

The SWFWMD Agreement includes the following project deliverables:

1. Quarterly Status Reports
2. Minutes of kick-off, pre-application and progress meetings
3. Design plans, to include Resource Benefit calculations and methodology at proposed final design
4. Engineer's opinion of probable cost at proposed final design and final construction drawings
5. Technical Specifications at proposed final design
6. Operation and Maintenance Plan
7. Copy of all required federal, state and local environmental permit application packages and final permits
8. Construction bid packages for cost approval (prior to posting)
9. Copy of contract with consultant and contractor (for cost approval, prior to execution)
10. Copy of executed contract with consultant and contractor
11. Copy of Notice-to-Proceed to contractor
12. Copy of Construction Permits
13. Digital photos of stages of construction
14. Construction inspection reports and construction certification
15. As-Built Survey signed and sealed by a licensed Florida professional surveyor and mapper
16. Construction record drawings, to include Resource Benefit calculations and methodology, signed and sealed by a professional engineer, including electronic and CAD
17. One (1) set, electronic and hardcopy, of any final reports
18. Minority/Women Owned and Small Business Utilization Report
19. Upon District request, bi-annual Operation and Maintenance Report

The above deliverables are for the Living Seawall Shoreline project as well as the remainder of the FDOT project. Allison-Gause, Inc. is not currently involved in the FDOT project. Accordingly, that project is not included in these updates.



**Project Issues currently
under review/discussion**

1. Contract language





Living seawall units recently completed



Blowholes on units with eco-wrap



Living Seawall modules under construction



Taller units



Small pool/waterfall

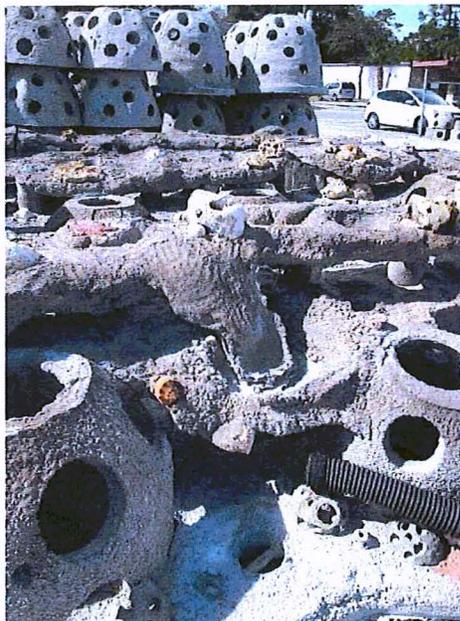
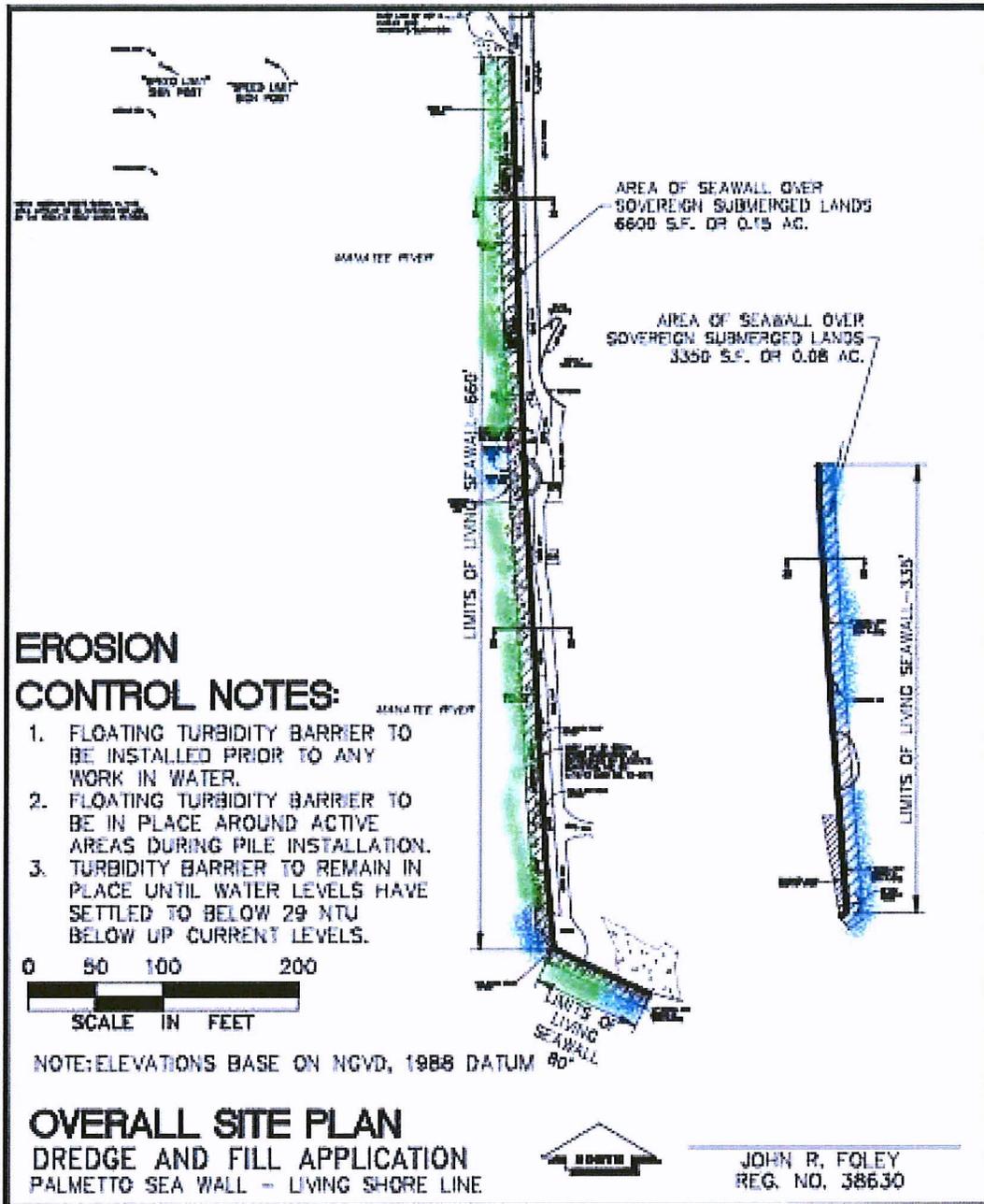


Image showing large pool, frozen waterfall, shells, rocks, art



LOMBARDO, FOLEY & KOLARIK, INC.

Consulting Engineers, Surveyors and Planners

P.O. Box 100 - 825 4th Street West - Palmetto, Florida 34221 - (941) 722-4001



