



City of Pensacola
ENVIRONMENTAL ADVISORY BOARD

Agenda

February 4, 2021

2:00 pm

Microsoft Teams/Hagler/Mason

Members of the public may NOT attend the meeting in person, as City Hall is closed to the public until further notice. Members of the public may attend and participate via live stream and/or phone. To watch the meeting live visit: cityofpensacola.com/428/Live-Meeting-Video. Face coverings are required during the meeting.

1. Call to Order/Quorum
2. Oath of Office—City Clerk
3. Review of Sunshine, Public Records and Ethics Laws—City Attorney's Office
4. Approval of Meeting Minutes:
 - a) December 3, 2020
 - b) January 7, 2021
5. Introductions with areas of interest/expertise
6. Old Business:

Presentation—IPM Plan—Bill Kimball
7. Updates from Sustainability Coordinator Mark Jackson
 - a) Review of Proposed Tree Ordinance
8. New Business:
 - a) Goal Setting—2021
 - b) Review of Climate Mitigation and Adaptation Task Force Report
Recommendation for Resolution—Renewable Energy Goals

9. Board Member Comments/Updates, Reports and Announcements
10. Public Comments—Open Forum
11. Adjourn

MEMBERS OF THE PUBLIC MAY ATTEND AND PARTICIPATE VIA LIVE STREAM AND/OR PHONE.

To watch the meeting live visit: cityofpensacola.com/428/Live-Meeting-Video.

To provide input:

- For Open Forum, for items not on the agenda: citizens may submit an online form here: www.cityofpensacola.com/EABInput **beginning at 11:30 A.M. until 2 P.M.** only on the day of the meeting to indicate they wish to speak during Open Forum **and include a phone number. Staff will call the person** at the appropriate time so the citizen can directly address the Environmental Advisory Board using a telephone held up to a microphone.
- For agenda items: citizens may submit an online form here: www.cityofpensacola.com/EABInput **beginning at 11:30 A.M. on the day of the meeting until that agenda item has been voted upon** to indicate they wish to speak to a specific item on the agenda and **include a phone number. Staff will call the person** at the appropriate time so the citizen can directly address the Environmental Advisory Board using a telephone held up to a microphone. **Any form received after an agenda item has been voted upon will not be considered.**

The City of Pensacola adheres to the Americans with Disabilities Act and will make reasonable accommodations for access to City services, programs and activities. Please call 435-1606 or TDD 435-1666 for further information. Requests must be made at least 48 hours in advance of the event in order to allow the City time to provide the requested services.



City of Pensacola
ENVIRONMENTAL ADVISORY BOARD
Minutes

December 3, 2020

2:00 pm

Microsoft Teams/Hagler/Mason

Members Present: Neil Richards, Chair, Blase Butts, Kyle Kopytchak, Michael Lynch, Katie Fox, Alex Kozmon

Members Absent: None

Others Present: Council Executive Don Kraher, Sustainability Coordinator Mark Jackson, Christian Wagley

1. Call to Order/Quorum
The meeting was called to order by Chair Richards. A quorum was established.
2. Approval of Meeting Minutes—September 3, 2020 and November 5, 2020

September 3, 2020

Member Kozmon inquired as to whether clarification of the term “public property” should be included on page 3 of the September 3, 2020 minutes, under the comments made by Mark Jackson. After discussion, no clarification was necessary.

Member Kozmon moved for approval of the September 3, 2020 minutes, seconded by Member Kopytchak. The motion was approved unanimously.

November 5, 2020

Member Kozmon noted a correction to the spelling of IFES, as noted on Page 2. The correct spelling is **IFAS**.

Member Kopytchak moved for approval of the November 5, 2020 minutes as amended, seconded by Member Butts. The motion was approved unanimously.

3. Board Member Comments/Updates

Member Butts inquired about the status of the Bruce Beach project and the plans to have a walkway through there. Council Executive indicated that it was still in the design phase and that part of the agreement with the Audubon Society to plant

trees on the property included review with SCAPE to insure that the trees planted fit within the overall design so that they would not have to be moved once the project is put out for bid.

Member Butts also inquired about the status of the marina under construction behind the Fish House and whether any consideration was given to what happens when a hurricane hits, in light of barges getting loose during Hurricane Sally. With the anticipated house boats in that marina, what happens to the wastewater lines.

Member Kopytchak indicated there would have to be some sort of cut off system with the sewer line.

Chair Richards inquired as to whether the Council Executive has had an opportunity to review environmental concerns with the new City Council.

Council Executive indicated that he has not. The new Council was installed on November 24 and their first meeting will take place on December 10. There are four new City Council Members. The agenda for that meeting is relatively light, in order for the new Council Members to become acclimated. As part of their onboarding, time was set aside for the Sustainability Coordinator to come down and meet with them and to give an overview of his position and some of the things that he is doing.

a) Stormwater Runoff and Vault Sediment Study—Blase Butts

Member Butts provided an update on his recent field trip with Sustainability Coordinator to review clean-out of stormwater vaults. He was surprised to see the amount of leaves and debris that gets captured in the vaults and was glad that the City has invested so much in improving stormwater drainage into the waterways. A lot of the plastic debris is coming directly from the Bay.

Further discussion with Sustainability Coordinator occurred with regard to the maintenance contract, schedule, process involved and eventual dumping of collected debris. Member Butts indicated that he would like to find out where the debris is being dumped and to see what is collected.

Chair Richards stated that the City does have an ordinance in place regarding placing debris in the street and that lawn maintenance companies should be educated about the ordinance and blowing debris into the street that will ultimately go into the storm drains.

4. Updates from Sustainability Coordinator Mark Jackson

The coordination to get the tree replacement for trees lost in City parks is moving forward pretty aggressively. FEMA does not give money to replace the trees, only the money to pick up the debris. He is working in conjunction with other City staff to insure that in developing this replenishing plan that it is adequate and replacing the trees that were lost in such a way that it will not cause problems in the future, and utilizing the right tree, right place guide.

A kick-off meeting was held with SustainaBase, Inc. the company doing the greenhouse gas emission collection reporting for the City and will hopefully have some data collections by January.

5. Old Business:

a) Board Member Comments: IPM Plan

Member Kozmon provided his input on proposed revisions to the IPM Plan. Further discussion occurred regarding the proposed revisions previously submitted by Member Fox, the additional revisions submitted by Member Kozmon and whether they should be submitted back to the Director of Parks and Recreation for his consideration in revising the IPM Plan. Member Fox agreed to meet with the Director of Parks and Recreation to present both proposed revisions to the Plan for his review and comment back to the Environmental Advisory Board once he has reviewed.

6. New Business

a) Review of Climate Mitigation and Adaptation Task Force Report

Chair Richards asked for the Board's thoughts as to what additional items in the Task Force Report the Board should consider for recommendations to the City Council and the Mayor for action. One of the first recommendations the Board made was to establish an Office of Sustainability and that was accomplished with the hiring of the Sustainability Coordinator. The other recommendations were to establish a carbon baseline and also to join ICLEI and those have been done as well. The other item that was recommended was to establish through an official act or resolution that the City commit to meet 30% renewable energy target by 2030 and 100% by 2040. That item was pulled by the sponsor and never got put back on the agenda for City Council.

Christian Wagley indicated that the reason it was pulled was that the new Mayor had just come into office and was going through some of the strategic plan with Council and needed more time.

There will be an on-line event held on December 8th called Pensacola Climate Action, What's Next. Several former members of the Climate Change Task Force as well as City staff, Cynthia Cannon and Mark Jackson will be participating. It will be a recap of their recommendations, what's been accomplished and then how to go about accomplishing the other recommendations. The registration link will be provided to the Board.

Member Kopytchak indicated that in moving forward with additional recommendations that there would be cost factors involved and that it would need to be introduced to the City during their budget process. To re-introduce the emissions by 30% by 2030, there are no cost estimates indicated and no how to accomplish it.

Sustainability Coordinator stated that as an advisory board, the EAB would advise the City of the kinds of things to do, and wouldn't have to set out a plan to do. It is not in the scope of work. The Council Executive could certainly advise you as a group.

Christian Wagley pointed out that the City did receive a grant for a vulnerability study to look at the resiliency, vulnerability and more detail mapping on what areas are vulnerable.

Member Kozmon suggested having a special meeting to go through the Task Force Report and identify which recommendations are within the scope of the Environmental Advisory Board and then prioritize those recommendations.

Christian Wagley suggested to wait until hearing the former members of the Task Force at Tuesday's event talk and hear what their priorities are. He suggested making this the first item for discussion so that the Board could devote more time and get a full discussion of the item.

Comments were made by Member Kopytchak regarding the condition of the trees along the 12th Avenue tree tunnel and how there are still "no parking signs" in place. The root systems of the trees are mainly surface roots.

7. Reports and Announcements

Chair Richards reminded everyone of the December 8 zoom event on Climate Change.

Brief comments were made about the Pensacola Perdido Bay Estuary Program. A new Executive Director has been hired. They also initiated a mini grant program.

Member Fox reported that FAEP is having a virtual seminar on December 4 and the Florida Stormwater Association is having a virtual conference all this week and they have some interesting topics.

Chair Richards reported that he participated with the Audubon Society in the tree planting at Bruce Beach.

Brief comments were made about solar energy. Sustainability Coordinator mentioned Solar United Neighbors (SUN). They are a co-op. They reach out to the community as a non-profit and get people who are interested in solar to sign up. They take that co-op of people who signed up and put it out for bid.

Member Kopytchak suggested that Solar United be invited to make a presentation to the Board to educate the City on solar energy.

8. Public Comments—Open Forum

Christian Wagley mentioned that he was making a concerted effort to meet with the new City Council members to make them aware of the Climate Task Force's recommendations and to gear up for the Council to endorse the 100% renewable by 2040. The budget needs to address that priority.

He is also working with two local, home-grown solar companies in town to get proposals/assessments done on some of the key city buildings that could support solar to show the City what kind of potential is there that they are currently not realizing. One potential site is the ST Aerospace Hangar #2. The City has said they are not going to do solar there. He feels it is a missed opportunity. He further reminded the Board of the green building ordinance that requires City projects to be built green. It would be good for the Board to receive an update on what the administration is doing to follow that ordinance.

Chair Richards reported that he has been doing research on the use of hydrogen as an energy source rather than carbon and also on bio-char, which is a form of carbon that can be put back into the soil to reduce carbon and improve the soil.

He also mentioned the three vacancies existing on the Board and hoped that the new Council would fill the vacancies.

9. Adjourn

There being no further business to come before the Board, the meeting was adjourned at 3:38 p.m.



City of Pensacola
ENVIRONMENTAL ADVISORY BOARD

Minutes

January 7, 2021

2:00 pm

Microsoft Teams/Hagler/Mason

Members Present: Neil Richards, Chair, Blase Butts, Michael Lynch, Alex Kozmon

Members Absent: Kyle Kopytchak, Katie Fox

Others Present: Council Executive Don Kraher, Sustainability Coordinator Mark Jackson, David Forte, Allen Vinson, Kelly Hagen, Christian Wagley

1. Call to Order/Quorum

The meeting was called to order by Chair Richards. Council Executive requested that Board Members as well as any public speakers keep their face coverings on during the meeting as well as when speaking from the podium. **A quorum was not present.**

2. Approval of Meeting Minutes—December 3, 2020
No vote taken due to lack of quorum.

3. Presentation—Bruce Beach Project—David Forte

David Forte, Capital Improvement Projects Manager and Allen Vinson with HDR made a brief power point presentation on the Bruce Beach Project (attached). Funding for this project is from CRA bond dollars in the amount of \$9 million. The project is divided into four phases, which will be roughly \$2 million per phase. He also reviewed the tree and vegetation project that was recently completed by the Audubon Society through a grant that they received. Once the pedestrian bridge is completed over Washer Women's Creek, additional trees and undercover vegetation will be planted. The consultant is currently completing a survey for the entire site and then they will move forward with designing phase one and hopefully phase one will be under construction this fall.

Member Butts inquired as to whether there had been any type of assessment of what is located in the water off of Bruce Beach, such as glass and pieces of metal.

Allen Vinson indicated that those were things that would be cleaned up as part of the construction contract.

Kelly Hagen, 705 South "I" Street inquired about whether an environmental assessment had been done on the site and voiced her concerns about possible contaminants on the site from the American Creosote superfund site as well as the industrial site to the west of the property. Her concern is if it is actually safe for people to be swimming.

Allen Vinson indicated that the fuel storage area has had a history which is now certified as being in compliance. The site did not have a history as a creosote site, it was a ship repair dock and then was the site of the first African American swimming pool in the area.

David Forte indicated that there will be another public workshop held on the Bruce Beach, bringing SCAPE back as a reviewing consultant to make sure that all aspects of the development plans are moving forward from the original SCAPE plan and are adhering as closely to the plan as previously proposed.

4. Updates from Sustainability Coordinator Mark Jackson

Mark Jackson reported that he is continuing to work on the update of the Tree Ordinance that will be going to the Planning Board on January 12 and will hopefully be getting an update from SustainaBase. Also discussed the recently completed Urban Forestry Strike Force team survey that was done through the state forestry service to assess tree damage in the City's parks. It assessed the number and species of trees that were lost due to Hurricane Sally. There were approximately 400 trees lost throughout the 93 parks that were surveyed as well as the 128 miles of right-of-way.

Chair Richards mentioned the installation of the new Solar tree located on the corner of Reus and Main Street. It was also mentioned that solar canopies are proposed for several locations in the City.

Council Executive also mentioned that the proposed amendments to the Tree ordinance, once reviewed by the Planning Board, would be brought forward to the City Council and the EAB.

5. New Business

a) Goal Setting—2021

Council Executive suggested, since there wasn't a quorum present, the Board wait until the next meeting to review and set goals since the vacancies on the Board will

be filled and will provide an opportunity to provide a road map or plan for what the Board would like to accomplish and set goals and priorities. There are a lot of recommendations made in the Task Force Report as well as the Mayor's Transition Report that the Board could consider in setting their goals and priorities as well as making a recommendation to the Mayor and/or City Council.

b) Review of Climate Mitigation and Adaptation Task Force Report

Chair Richards inquired whether Board Members had any thoughts or ideas about the Task Force Report.

Member Kozmon suggested the Board take a deliberative approach as a group, go through the document, identifying what's in the Board's scope and how to prioritize what the Board wants to tackle and whether the Board wants any goals to purely come from the Report and be the only thing to focus on.

Member Butts mentioned obtaining greater citizen involvement and participation in helping obtain and reach some of the goals and recommendations. What can the public do?

Council Executive indicated that education was one of the things the Task Force keyed on in their report. That is something the Environmental Advisory Board can discuss. What is the best way to do that? Maybe it could be an insert in the bill that the City sends out. Every resident is required to have sanitation service.

Member Lynch questioned the timeline for reviewing and making recommendations to the Mayor and City Council. He suggested that a list be made of what has already been accomplished since the report was submitted.

6. Old Business

Nothing discussed. Update on the IPM Plan will be given at the next meeting.

7. Board Member Comments/Updates, Reports and Announcements

Member Butts indicated that Ocean Hour would be conducting a trash pick up at Chimney Park and Bay Bluffs Park on Saturday. Last month, they picked up over 400 pounds at the beaches. Also, Keep Pensacola Beautiful is involved with clean-up programs.

Member Kozmon mentioned that kind of information would be important for the preliminary work of some sort of community education, to be able to delineate what is already happening and how the community can help to reduce or mitigate that.

8. Public Comments—Open Forum

Kelly Hagen expressed interest in the organization responsible for the clean-ups and Member Butts provided email address: oceanhourfl.com.

Christian Wagley provided information on a program that will be held by zoom on January 12 at 6:30 p.m. dealing with investment opportunities in the climate era in decarbonizing your investment portfolio. Information can be found on 350 Pensacola or Healthy Gulf facebook page.

He also commented on the water testing done on bacteria levels in the bay. It is pretty much understood that you don't swim in the bay within 48 hours of a rain event.

Also, the 100% renewables by 2040 campaign is a primary focus for this year. He is excited to see the cooperation of the staff, Council and administration.

He also suggested that the Chairman consider periodically attending the City Council meeting to let them know what the Board is doing.

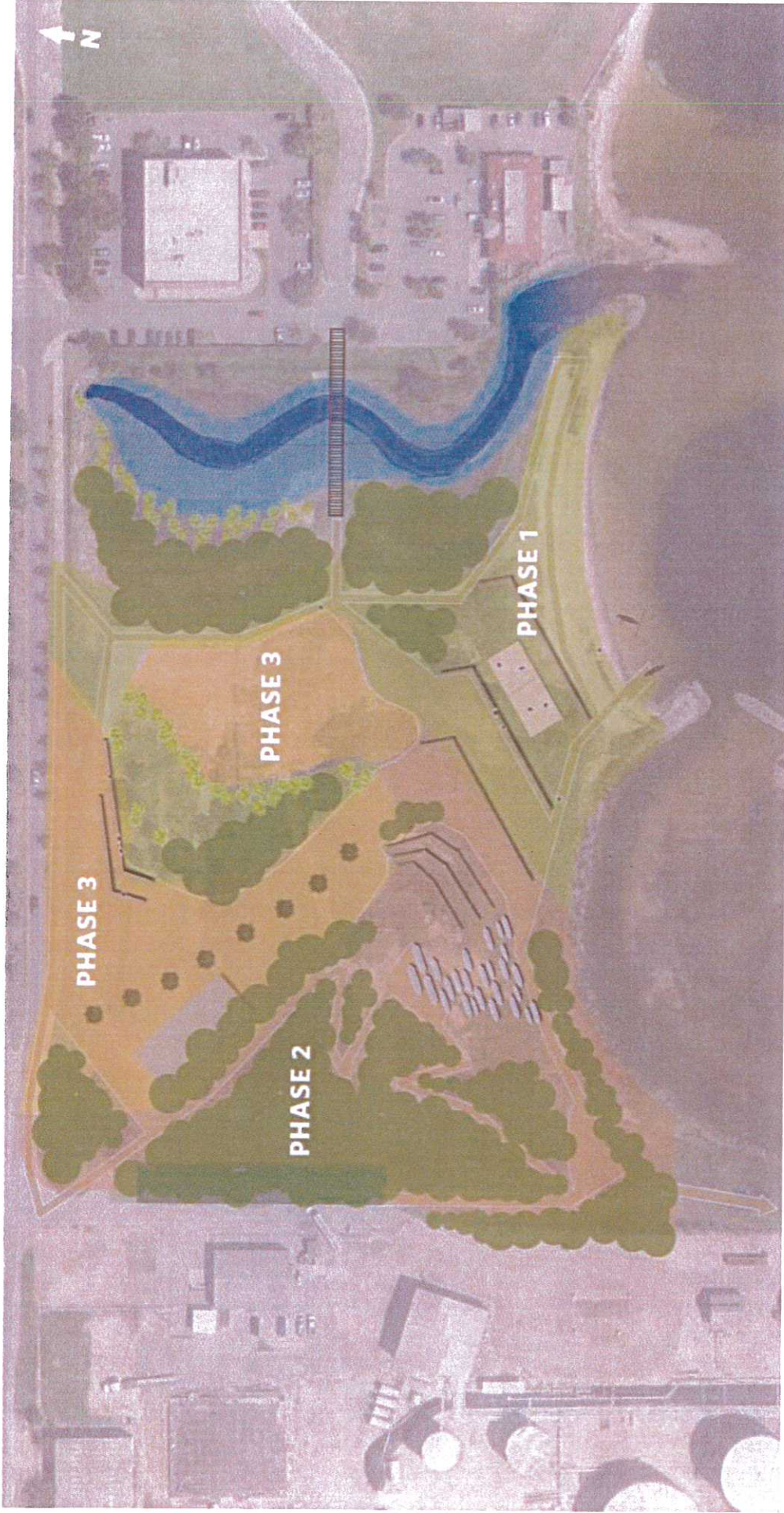
Council Executive reminded the Board that the Chairman or any Board Member attending would be commenting as an individual and not speaking on behalf of the Board unless they have been directed by the Board.

9. Adjourn

There being no further business to come before the Board, the meeting was adjourned at 3:28 p.m.

BRUCE BEACH IMPROVEMENTS

*Power Point Presentation - EAB
January 7, 2021*



❖ All Phases Feature: Accessible Connectivity - Landscape Diversity - Hardscape Diversity - Seating

BRUCE BEACH | MASTER LAYOUT

PHASE 1 PHASE 2 PHASE 3

BRUCE BEACH IMPROVEMENTS

❖ Phase 1 Total Cost = \$1.99 Million

- Features:
 - Beach Terraces
 - Pedestrian Bridge
 - Kayak Launch

❖ Phase 2 Total Cost = \$1.96 Million

- Features:
 - Sitting Walls
 - Overlook & Mound Scramble
 - Exercise Equipment
 - Parking & Marsh Trail

❖ Phase 3 Total Cost = \$1.94 Million

- Features:
 - Entry Plaza
 - Learning Garden & Water Feature
 - Shade Structures & Cultural Exhibits

❖ Phase 4 Total Cost = \$1.98 Million

- Features:
 - Additional Cultural & Educational Exhibits
 - Additional Site Amenities & Structural Components



Native Trees & Plants for Native & Migratory Birds of Bruce Beach



Live Oak to be
Planted After
Footbridge is
Complete



Pensacola Bay



Washerwoman Creek

Pedestrian Bridge

Nick's Boathouse

Native Trees & Plants for Native & Migratory Birds at Bruce Beach

A projected sponsored and funded by Francis M. Weston Audubon Society, Gulf Power Foundation, Ascend Performance Materials, and Audubon Florida's "Plants for Birds" program and under a Memorandum of Understanding between the City of Pensacola, Community Redevelopment Agency and Francis M. Weston Audubon Society.

**Planted by Francis M. Weston Audubon Society Volunteers 11/21/20 and 11/22/20:
Total of 150 trees & plants**

One (1) Sourwood Tree (*Oxydendrum arboretum*) (Donated by 7 Pines Native Plant Nursery)

Four (4) Live Oaks (*Quercus virginiana*)

Three (3) Sand Live Oaks (*Quercus geminata*)

Four (4) Red Mulberry (*Morus rubra*)

Eight (8) Native Persimmon (*Dispryros virginiana*)

Eleven (11) Bald Cypress (*Taxodium distichum*)(Six trees donated by local Native Plant Grower)

Three (3) Chickasaw plums (*Prunus anguvstifolia*)

Six (6) Wax Myrtle (*Morella cerifera*)

Fifteen (15) Oak Leaf Hydrangea (*Hydrangea quercifolia*)

Ten (10) American Beautyberry (*Callicarpa americana*)

Ten (10) Sweet Shrub (*Calycanthus flordia*)

Nine (9) Yaupon Holly, (*Ilex vomitoria*)

Four (4) Sweet Bay Magnolia (*Magnolia virginiana*)

Eight (8) Rusty Lyonia (*Lyonia ferruginea*)

Five (5) Saw Palmetto (*Serenoa reopens*)

Ten (10) False Rosemary Mint (*Conradina canescens*)

Ten (10) Dahoon Holly (*Ilex cassine*) (Six trees donated by local Native Plant Grower

Seven (7) Spider Lily (*Hymenocallis latifolia*)

Twenty-two (22) Frogfruit (*Phyla nodiflora*) (Twelve (12)-donated)

Three (3) Winged Zumac (*Rhus copallinum*)

Five (5) Inkberry Holly (*Ilex glabra*)

Five (5) Summer Sweet (*Clethra alnifolia*)

Five (5) Possum Haw (*Ilex decidua*)

Five (5) Scarlet Hibiscus (*Hibiscus coccineus*)

To Be Planted After Pedestrian Bridge Installation: Total of 18 trees & plants.

Six (6) Sand Live Oaks (*Quercus geminata*)

Six (6) 12'-16" Plug Black Willow (*Salix nigra*) (When natives can be sourced)

Two (2) Wax Myrtle (*Morella cerifera*)

Two (2) Yaupon Holly, (*Ilex vomitoria*)

Two (2) Saw Palmetto (*Serenoa repens*)

Two (2) Inkberry Holly (*Ilex glabra*)

Seeds

Native Florida Milkweed (*Asclepias humistrata*) Bulk Seeds (Donated by Escambia County Master Gardeners)

Standing Cypress (*Ipomopsis rubra*) Bulk Seeds (To be planted Spring 2021) Swamp

Sunflower (*Helianthus angustifolius*) - Bulk Seeds (To be planted Spring 2021)