

Jacksonville Tree Commission

Wednesday December 15, 2021 – 9:30 AM

**Ed Ball Building, 10th Floor, Conference Room 5
and Zoom**

Commissioners:	Chris Flagg, Chair	Advisors:	Susan Grandin
	Curtis Hart, Vice Chair		Richard Leon
	Ron Salem		Kathleen McGovern
	John Pappas		Jose Regueiro
	Mike Robinson		
	Rhodes Robinson	Staff:	Cindy Chism
	Susan Fraser		

AGENDA - Revised

Order of Agenda is Subject to Change

- 1. Call to Order - Chair**
- 2. Roll Call and Verification of Quorum – Cindy Chism**
- 3. Submittal of Speaker's Cards – Chair**
 - a) A raised hand icon as well as waving at the screen will be acknowledged by Chair or Ms. Chism.
 - b) For those attending in person, paper speakers' cards will be available.
- 4. Reports:**
 - a) Fund balance and encumbrance report for 15(F) (Ordinance Tree Fund), 15(N) (Charter Tree Fund) and BJP (Attachment A) – Jose Regueiro
 - b) Status of Pending Level 2 Tree Projects (Attachment B) – Kathleen McGovern
 - c) Fund Status of 630-CITY, Remove & Replace and Level 2 Programs– Richard Leon
- 5. Action Items:**
 - a) CM Joyce Morgan
 - b) Approval of Minutes from November 17, 2021 meeting – Chair
 - c) Proposed Level 2 Project(s)
 - i. Northbank Riverwalk Tree Planting Project (Attachment C)– Todd Little
 1. Presentation

2. Public Comment
3. Vote
- ii. Jarboe Park Tree Planting Project (Attachment D) – Kathleen McGovern
 1. Presentation
 2. Public Comment
 3. Vote
- iii. Columbia Parkway Retention Pond Tree Planting Project (Attachment E)– Todd Little
 1. Presentation
 2. Public Comment
 3. Vote

6. Old Business

- a) Level 3 Document Revisions – Deferred until January Meeting – Susan Grandin

7. New Business

- a) Elections -
- b) Discuss Increase percentage for maintenance from Tree Fund – Susan Grandin
- c) Urban Forestry Funding – Richard Leon
- d) Tree Commission Scope of Work – Richard Leon
- e) 2022 Meeting Schedule – Cindy Chism

8. Public Comment

9. **Adjournment** – the next meeting is scheduled Wednesday, January 19*, 2022 at 9:30am and will be a Hybrid/Zoom meeting in Ed Ball Building, 10th Floor, Public Works Office, conference room 5. *However, due to the MLK Holiday, that week is Committee week and many people will be unable to attend. Perhaps the meeting could be moved to either the 12th or the 26th.

Jacksonville Tree Commission
Wednesday December 15, 2021 – 9:30 AM
Approved February 16, 2022
Via Zoom Platform & In Person

**Commissioners
Present:**

Chris Flagg, Chair
Curtis Hart, Vice Chair
Mike Robinson
Rhodes Robinson
Susan Fraser
John Pappas
CM Ron Salem

Staff: Cindy Chism

Public: Joe Anderson, JEA
Kelly O’Leary, Liberty Landscape
Fred Pope, COJ
Todd Little, COJ
Mike Zaffaroni, Liberty Landscape
John November, Public Trust
Lisa Grubba, Greenscape
Dalton Smith, COJ
Colin Worth, City of Jacksonville Bch
Dave McDaniel, COJ
Tracey Arpen, Greenscape/Scenic Jax
CM Joyce Morgan, COJ
Ivey Henderson, COJ

Advisors:

Susan Grandin, OGC
Jose Regueiro, Finance
Richard Leon, Urban Forestry
Kathleen McGovern, City Arborist

1. **Call to Order** – Chair
2. **Roll Call and Verification of Quorum** – Cindy Chism
3. **Submittal of Speaker’s Cards** – Chair
 - a) A raised hand icon as well as waving at the screen will be acknowledged by Chair or Ms. Chism.
 - b) For those attending in person, paper speakers’ cards are available.
4. **Reports:**
 - a) Fund balance and encumbrance report for 15(F) (Ordinance Tree Fund), 15(N) (Charter Tree Fund) and BJP (Attachment A) – Joe Regueiro
 - i. The Tree Mitigation page has not yet updated. The tables are updated. Mr. Pappas pointed out the Financial system is still is flux.
 - b) Status of Pending Tree Projects (Attachment B) – Kathleen McGovern
 - c) Fund Status of 630-CITY, Remove & Replace and Level 2 Programs– Richard Leon
 - i. Funds available for 630-CITY \$996,594, Remove & Replace \$1,292,381, and Level 2 \$2,586,636.
5. **Action Items:**
 - a) CM Joyce Morgan
 - i. A constituent notified my office about Oak trees being cut down at Arlington Plaza. Public Works investigated and determined the oaks have been cut down. The owner wanted to replace them with Palm Trees. Mr. Flagg added there are penalties and mitigation efforts for something like this. Live Oak mitigation fees are among the highest. Mr. Pappas added the Planning Department is

involved with this. Mr. McDaniel continued, the owner has been issued a citation and will be advised of the mitigation costs. There was no pre-approved plan.

- ii. Mr. Flagg continued, unfortunately the damage has been done. Not sure there is a way to pre-empt that from happening. Mr. Pappas added the more eyes out there the better. Perhaps we could catch it earlier and get Planning out there to stop it.
- iii. CM Morgan added it is true so many people don't know the process for removing trees. Mr. Flagg suggested perhaps a local editorialist could point out what this owner has done for his community. If nothing else, expose the problem as much as possible.
- iv. CM Salem suggested some type of education for the public on what to do if you see trees being removed that you don't think should be. Mr. Pappas added with all the legislation which comes through allocating funds to plant, perhaps there should be a discussion on watching what's going on and steps to take of if they see something. A discussion on this will be continued later.
- v. Ms. Fraser pointed out it isn't about what you see; these people have big equipment, lots of people and couldn't care less what you say. If the tree removal companies are licensed in the City, the continuing education for that license has to be what the laws are. Most owners don't know what the laws are and rely on the contractor to tell them. If the contractor cuts down the tree with no permit or there is no mitigation plan that authorizes it, the fine should go to the contractor. This should stop the issue. If we wait for the citizen driving down the road to call, it's already to late. The contractor should be held accountable. The education should be directed to the contractors.

b) Approval of Minutes from November 17, 2021 meeting – Chair

- i. Mr. M. Robinson pointed out the minutes show him as being present at the meeting, he was not. Motion made by Mr. Hart to approved with correction, seconded by Mr. Pappas, none opposed.

c) Proposed Level 2 Project(s)

- i. Northbank Riverwalk Tree Planting Project (Attachment C) – Kathleen McGovern
 1. Presentation – A lot of the trees being utilized for this planting are palms due to their ability to with stand salt spray and were more resilient to storm damage.
 2. Public Comment – Mr. Pappas pointed out a dock is being proposed for the end of Jackson St. by the YMCA, make sure to coordinate. Ms. Fraser asked why the change was so drastic from the original Haskell submission and the current plan. Ms. McGovern responded after walking the site and seeing what survived and was continuing to thrive, that was why the change was made.
 3. Vote – Mr. Flagg has recused himself as his firm was involved in some of the planning for the Landscape Architecture (recusal form is on file). Mr. Hart made a motion to approve the project, seconded by Mr. M. Robinson, none opposed. Mr. Flagg abstained.
- ii. Jarboe Park Tree Planting Project (Attachment D) – Richard Leon
 1. Presentation – Mr. Colin Worth, City of Neptune Beach, where the trees are being planted is part of a multi-use path which will be part of the East Coast Greenway which will tie into the Florida Coast to Coast Trail which will bring the East Coast Greenway into downtown Jacksonville and out to the beach. Northbank Riverwalk will be the western edge of the trail and Jarboe Park

will be the eastern trailhead. A third of a mile of the East Coast Greenway goes through Jarboe Park. Though it looks as though we are planting trees in the road, we are not, the satellite image was taken before the current renovation was begun, what's on the ground is not reflected in the map provided in your packet,

2. Public Comment – Mr. November wanted to congratulate everyone on the collaborative effort.
 3. Vote – Mr. Hart made a motion to approve the project, seconded by Mr. Pappas, none opposed.
- iii. Columbia Parkway Retention Pond Tree Planting Project (Attachment E) – Todd Little
1. Presentation – This is a small project, only 29 trees requested by the residents through CM Becton's office to screen the industrial area and help filter some of the stormwater runoff. This will be a good project to show what a well planted retention pond can look like.
 2. Public Comment – Mr. Pappas asked if the project was coordinated with Right-of-Way Grounds Division. Mr. Little said they have spoken with the retention pond project inspector but would run it by that division. Mr. Tracey Arpen asked why we are spending \$1700 for Wax Myrtles which blow over easily, are very brittle and don't have a long-life expectancy instead of something like a Red Cedar, which costs the same and has a longer life expectancy. Mr. Little responded we are using a multi-layer approach utilizing smaller trees and shrubs. The project does have a 2-year warranty. Mr. Leon continued, we only have 2 options for warranties at this time: 3 months and 2 years. We felt the 3-month option was not enough time so some of that cost is the 2-year warranty. Our 1-year warranty contract is out for bid at this time. As for the choice of Wax Myrtles, we are limited for small understory native trees; we can only get what the nurseries produce. We are trying to use native as much as possible. Wax Myrtle is a very hardy tree and short of using Crepe Myrtles which account for 30% of our City's entire tree canopy, we are trying to find native alternatives. Mr. November pointed out that the wildlife love Wax Myrtles.
 3. Vote – Mr. Hart made a motion to approve the project, seconded by Mr. Pappas, none opposed.

6. Old Business

- a) Status of Level 3 Program Document Revisions - Deferred until January meeting

7. New Business

a) Elections

- i. Mr. Hart made a motion to keep things as they are, seconded by Mr. R. Robinson. Mr. Flagg asked for further discussion. Mr. Pappas agreed that Mr. Flagg as chair had done a great job, brought the Commission forward and brought up a lot of good subject matter to focus on and should continue. Mr. Flagg responded it is not single source, everyone contributes and is very conscientious.
- ii. Mr. Hart pointed out some of the Commissioner's terms will be up next year perhaps Mr. Flagg would like to consider some type of succession plan. Mr. Joe Anderson suggested setting up a Chair elect and Vice Chair elect who can work closely with the Chair and Vice Chair so there is a smooth transition. Mr. Hart does not want to move into the Chair position ever.

- iii. Ms. Grandin said if any Commissioner is interested in being re-appointed, please email or write a letter to the entity which appointed you, some were appointed by City Council and some by the Mayor's office (Rachel Zimmer), requesting reappointment. All Commissioner's need to send this if they would like reappointment and copy Ms. Grandin and Ms. Chism.
 - iv. The motion on the floor is for things to remain as they are. Mr. M. Robinson made a motion to amend the motion to submit his name as Vice Chair, seconded by CM Salem, none opposed.
- b) Discuss Increase percentage for Maintenance from Tree Fund – Susan Grandin**
- i. The Tree Fund monies can only be spent on planting trees and removing trees. For instance, using Tree Funds to pay for Plan-it Geo does not qualify because Plan-it Geo seems like a whole City type of item and doesn't have to do with trees, directly. Maintenance is not planting trees, what kind of maintenance is it really. Is it to extend the life of the tree or is it to trim the tree so buses don't hit it? To really discuss this, we need more data and analysis about what kind of maintenance is done on the trees.
 - ii. Mr. Arpen added the Judge in the original case said the Tree Mitigation Ordinance is a valid Ordinance, it is not a tax. It is sustainable because it said on its face you are collecting funds when someone cuts down a tree, a tree is planted using these funds which mitigates for the effect of the tree being removed. Anything you can't say is planting a tree weakens the Ordinance and makes it susceptible to challenge. Originally OGC was asked about using the funds for maintenance and the rationale at that time was you couldn't fund all of the maintenance with that but it's not extending the life of a tree. If there is a part of the maintenance that will extend the life of the tree to 30 years instead of 15 years, that's the same as planting a new 15 year tree. To protect the Ordinance from challenge there needs to be some evidence in the record to show what the existing money has been used for, how that extends the life of the tree and is it functionally equivalent to planting new trees. Without that, the Ordinance can be challenged.
 - iii. Mr. R. Robinson pointed out that short-term is what we are concerned with to get the tree established, long-term should be the City's responsibility. Determining the short-term data should be relatively easy.
 - iv. CM Salem asked Mr. McDaniel if the budgeted amount for this year was increased. Mr. McDaniel replied, it stayed the same as last year. Mr. Pappas continued, the Tree Fund then supplies 25% of the total budget to be used only for tree maintenance, not removal. Mr. November suggested increasing the overall budget that would then increase the dollar amount allocated from the Tree Fund without changing the actual percentage.
 - v. Mr. Leon said trees in an urban environment are affected by infrastructure issues, heat, pollution every bit of maintenance put into the tree will preserve the life of the tree including trimming, so the branches don't get hit by buses. It appears the courts are looking at an externality is created by deforesting and now we will mitigate it by planting trees. That's not an apples-to-apples comparison. We cannot make up for that just by planting trees. Trees are not set it and forget it. They are in an urban area; they get hit by cars, by buses, require watering and trimming. Just planting trees to offset the deforestation of the urban area is not enough, you have to maintain it as a whole.

- vi. Mr. Joe Anderson pointed out that the prices for the contracts to maintain the canopy are going up, the budget must be increased to meet that need. Minimize the risk win the public trust and get public support.
- vii. Mr. McDaniel added Ms. McGovern is compensated out of the Tree Fund and Todd was hired to assist her in checking the thousands of trees being planted. Part of maintaining those trees is checking to make sure there are live trees at the end of the warranty period. City Council is telling us spend the money, make the volume put the trees in the ground. For us to properly protect the City we need to be able to monitor and maintain those trees at the end of a project. Mr. Pappas suggested that a definition of what maintenance is exactly.
- viii. Mr. M. Robinson agreed with all comments adding that trees aren't set it and forget it especially when young and in an urban environment. So far thousands of trees have planted with these programs and the maintenance funds have not increased for the younger trees.
- ix. Ms. Fraser asked if there was data on what kind of tree maintenance has been done so the Commission can divide it up into this is clearly not compensable and this is. It would be helpful to see what exactly is done. Mr. McDaniel said the 25% from the Tree Fund goes into it's own purchase order and is not intermingled with the general funds. What it is used for is trimming, there is no fertilization. Ms. Fraser continued, the tree mitigation fee a developer pays is based on the cost to purchase a tree. It is not based on the cost to purchase a tree and provide urban maintenance. If we are saying it is supposed to be a one for one exchange is the payment reflective of that.
- x. Mr. Arpen said it is not enough to say all the 25% set aside is used for tree trimming. You must show the tree trimming is the equivalent of planting a new tree. It's not to make it pretty or remove low branches. You must be able to show you are extending the lift of the tree with the trimming. The Ordinance has been stretched pretty far, i.e., the 25% for maintenance and the salary of the City Arborist, anymore and there is a risk of challenge and all funds except tree planting turned off. Mr. Hart asked if Mr. Regueiro could find out how much has been contributed to the Tree Mitigation fund from the beginning.
- xi. Mr. November suggested Mr. McDaniel and his team define exactly what type of tree trimming the Tree Funds would be used for to further the life of the tree. That alleviate any accusation of conflict.
- xii. Ms. Grandin suggested further data and analysis be done and discussed further at the next meeting. Mr. Pappas asked if the Urban Forestry team could define what maintenance is on a tree. Mr. McDaniel suggested Mr. Leon research other studies about what constitutes tree maintenance in other parts of the country. Mr. Pappas continued and then generate a "laundry list" and that can then be discussed at the Commission. Mr. Hart reminded the Commission about stretching the Ordinance until it breaks, just must be willing to pay the price. Mr. Pappas continued; we can use those parameters to define our discussion.
- xiii. Mr. Flagg asked if there was a category in the financial reports for the maintenance funds? Mr. McDaniel added we could certainly supply it. Mr. Flagg continued, then the question is how effective those dollars are extending the life of a tree. Mr. McDaniel suggested there is probably a study which correlates the life of the tree to roadway trimming. There is selective trimming i.e., a

specific limb will be designated for removal because it keeps getting hit by the garbage truck and is allowing pests to invade the tree. Mr. Leon said because we have all of these externalities such as buildings and pedestrians so every bit of maintenance we do to the tree prolongs the life of the tree because it's trying to existing around the constraints we have put it in. Essentially what does mitigation mean; it's not remove a tree, plant a tree. The mitigation is not for the tree per se, it's for the services the tree provides.

c) Urban Forestry Funding – Richard Leon

- i. Unless a citizen calls 630-CITY or a group sends a request, Public Works has no funding to just plant trees where we see the need. The Urban Forestry program is relatively constrained there is no funding to do projects at our discretion where we see a need. Ms. Fraser and Mr. Flagg both remarked on the previous discussion if the Tree Commission has discretion to generate projects as a body; be more aggressive in creating a master tree planting plan, using the maps which show the deficiencies.
- ii. Ms. Grandin reminded the Tree Commission about the priority list which was in the by-laws. It hasn't been necessary so far however that could be utilized for Commission generated projects. Mr. Flagg continued, perhaps working with Council District representatives to determine where the deficiencies are and then set up the priority list and then appropriate the funds. Mr. Pappas said it still would have to go through MBRC but could be allocated just like the current programs only driven by the Commission and fed by the Urban Forestry group.
- iii. Ms. Fraser added, the Commission could select a priority for that year, i.e., we are going to spend \$5 million on retention ponds that year. The list can be project based, geographic based, or socio-economic based, we can set it any way we want for that year, include Council representative input and direct the staff.
- iv. Mr. Leon continued if I'm driving down a street and see a median in which 5 trees could be added, there is no way for me to get those trees planted. Ms. Grandin suggested developing a priority list first. Ms. Fraser continued if Staff generated a priority list, bring it to the Commission and they will discuss and adjust it. Then it can be prioritized and defended. Mr. Pope asked why can't Level 2 include Staff generated projects? Ms. Grandin said it would take legislation to change the appropriation. Mr. Leon said in the past there was a Countywide Tree Planting funds generated by legislation.
- v. Mr. Pappas was hoping for something simple for the Urban Forestry team to recommend planting trees. Ms. Grandin said yes another program can be designed but there would have to be legislation to get the funding. There is no means for small projects without having to come before the Commission, then MBRC and then wait 2 months. Ms. Grandin suggested a workshop to discuss the concept further.

d) Tree Commission Scope of Work – Richard Leon

- i. Deferred until next meeting.

e) 2022 Meeting Schedule – Cindy Chism

- i. The January meeting, due to the MLK Holiday, falls on Committee week and many people will be unable to attend. The meeting will be rescheduled for the 12th at the same time in the morning but will be a hybrid workshop.

8. Public Comment –

- a) Mr. Flagg presented Mr. Pope a portrait he had done for Mr. Pope's retirement. Mr. Pappas added Mr. Pope was instrumental in setting up the Tree Mitigation Ordinance. His many years of service have been greatly appreciated.
- b) Mr. John November, Public Trust - would like to discuss the Level 3 document revisions at the workshop or schedule another one.
- c) Mr. Tracey Arpen, Scenic Jax – since 1999 FDOT has been required to set aside up to 1.5% of the cost of each project to be used in Landscaping that project on State Roads. There is a bill pending in the Florida House which strikes the language completely. They have already gotten the legislation requiring them to comply with local tree ordinances stricken. If they get this one passed there would be no requirement for FDOT to do any landscape on any roads in the State of Florida. I bring before you a proposal to be signed by the Tree Commission a resolution opposing the passage of the bill. Mr. Hart made a motion to approve the resolution, seconded by Mr. M. Robinson; none opposed.
- d) Mr. Joe Anderson, JEA – The publication provided, The Council Quarterly from the Urban Forestry Council discusses S.O.A.P. (professional Staff, enforceable tree Ordinances, active citizen Advocacy and an urban forestry Plan). On the back is an illustration of how succession is handled by the Council.

- 9. Adjournment –** the next meeting is scheduled for Wednesday, January 19*, 2022 at 9:30am and will be a Hybrid/Zoom meeting in Ed Ball Building, 10th Floor, Public Works Office, conference room 5.

CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

ATTACHMENT B

Visit <https://pg-cloud.com/JacksonvilleFL/> for City of Jacksonville Tree Project Maps

Visit jaxtreemitigation.coj.net - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status	Appropriation Amount	Obligated	Contract/Warranty
1 Kensington Association HOA Director	54 trees requested within Kensington Lakes city right of ways along Kensington Gardens Blvd. and Kensington Lakes Dr to replace trees lost due to storm damage/disease; may include removals. Planting Plan pending.	Maintenance/Warranty Complete	\$124,202.62	\$124,202.62	Davey -1/yr
2 Cathedral District Tree Planting	50+ trees requested as Cathedral District (CD7) tree planting, may include removal of damaged/diseased trees. City right of way tree plantings within general proximity but not limited to State St to Catherine St. to Main St. to Adams St.; site evaluation scheduled	Complete	\$120,371.14		Liberty 2/yr
3 Executive Director, Tree Hill Nature Center	22 trees requested in Tree Hill amphitheater parking area; site plan complete; no removals required; ready for review pending cost estimate per new countywide tree planting contract.	Maintenance/Warranty Complete	\$21,472.80	\$21,472.80	Liberty 3/mos
4 San Marco Preservation Society and Greenscape, San Marco Tree Planting	102 Trees requested in city right of ways within District 5; includes removal of damaged/diseased trees; site evaluation scheduled	Maintenance/Warranty Complete	\$247,749.52	\$247,749.52	Davey -1/yr
5 Sheffield Elementary School PTA President	10 Trees requested to provide shade for existing play area/field at Sheffield Elementary School; site visit complete - pending design and review.	Installation Complete	\$20,414.48		Davey -1/yr
6 S-Line Biodiversity Corridor Tree Planting	Installation of 25 trees throughout the S-Line Trail Biodiversity Corridor. This will offer additional tree canopy and shade to the trail.	Maintenance/Warranty Complete	\$30,949.40	\$30,949.40	Liberty 3/mos
7 Canopy Place Tree Planting/resident request	Installation of 40 trees in city right of ways and medians to provide additional tree canopy, sound buffer and screening.	Installation Complete	\$117,483.97		Davey -1/yr
8 Sunrise Ridge/resident request	Installation of 40 trees in city right of ways to increase tree canopy as well screening and buffer from adjacent highway.	Maintenance/Warranty Complete	\$107,316.52	\$107,316.52	Davey -1/yr
9 Jacksonville Beach Golf Park/Jax Beach	Installation of 156 trees in city golf course park to increase tree canopy, create screening, and attract wildlife.	Maintenance/Warranty Complete	\$147,562.80	\$147,562.80	Liberty 3/mos
10 Yates Building - Cultural Council of Greater Jacksonville	8 Trees to be installed around renovated fountain at building entrance	Installation Complete	\$38,312.00		Liberty 2/yr
11 City Cemetery - citizen request	18 Trees in right of ways on Ionia St. and Jessie St.	Installation Complete	\$41,350.50		Liberty 2/yr
12 Baymeadows East Association Tree Planting	119 Trees in right of ways and medians on Baymeadows East and Fort Family Regional Park	Installation Complete	\$284,900.07		Davey -1/yr

CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

Visit <https://pg-cloud.com/jacksonvilleFL/> for City of Jacksonville Tree Project Maps

Visit jaxtreemigration.coj.net - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status	Appropriation Amount	Obligated	Contract/Warranty
13 Cobblestone Homeowners Association/residential requests/HOA	Installation of 105 trees in city right of ways and medians to provide additional tree canopy, sound buffer and screening.	Installation Complete	\$191,322.00		Liberty 2/yr
14 Ed Austin Park Tree Planting/Resident request	115 Trees in right of ways around and within Willowbranch Park	Installation Complete	\$214,822.00		Liberty 2/yr
15 Neptune Beach/Residential requests - City of Neptune	Trees within residential Right of Ways - 47 trees	Installation Complete	\$55,490.00		Liberty 3/mos
16 Nathan Krestul Park - Friends of Krestul Park	Trees within Park - 34 trees	Installation Complete	\$95,580.00		Liberty 2/yr
17 John Gorrie Dog Park/Friends of John Gorrie Dog Park	Trees along Park Right of Way - Buffer - 11 Trees	Installation Complete	\$23,166.00		Liberty 2/yr
18 Alexandria Oaks Park/SMPS and Bolles School request	Trees within Park - 15 trees	Installation Complete	\$28,593.00		Liberty 2/yr
19 Huntington Forest Park/Resident request to CM	Trees along Park Right of Way - Buffer - 15 trees	Installation Complete	\$28,026.00		Liberty 2/yr
20 Love Grove/Willowbranch	Trees in right of ways around and within Willowbranch Park - 51 Trees	Phase 1 Complete	\$93,742.00		Liberty 2/yr
21 Greenland Park/residents adjacent to park	Trees within Park - 53 trees	Installation Complete	\$95,580.00		Liberty 2/yr
22 Harlow Blvd./Resident request	Trees within median on Harlow Blvd. - 47 trees	Installation Complete	\$102,804.00		Liberty 2/yr
23 Atlantic Beach/City of Atlantic Beach	Trees within Atlantic Beach residential Right of Ways and Parks - 96 trees	Installation Complete	\$194,532.00		Liberty 2/yr
24 Lake Mandarin HOA Tree Planting/Resident request	Trees within 4 HOA's residential Right of Ways and Parks - 94 trees	Installation Complete	\$190,168.00		Liberty 2/yr
25 Tom Marshall Park/Sports Association	Trees within ballpark and right of ways - 39 trees	Installation Complete	\$69,336.00		Liberty 2/yr
26 Boat Ramps/Waterfront Management	Trees within 7 boat ramps and parks - 62 trees	Installation Complete	\$111,132.00		Liberty 2/yr

CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

Visit <https://pg-cloud.com/JacksonvilleFL/> for City of Jacksonville Tree Project Maps

Visit jxtreemitigation.coj.net - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status	Appropriation Amount	Obligated	Contract/Warranty
27 Freedom Park/CM & Parks	Trees within newly established park (irrigated) - 38 trees	Installation Complete	\$38,548.00		Liberty 3/mos
28 Blue Cypress Park Restoration/Parks	Trees within park - field restoration - 157 trees	Installation Complete	\$187,154.40		Liberty 3/mos
29 Emerald Trail; Model Mile /Groundwork Jax	Trees and irrigation within medians and ROW's of new trail project - 128 trees	Scheduling	\$531,954.78		Liberty 2/yr
30 Reddie Point Park/CM and Parks	Trees within park - field restoration - 27 trees	Installation Complete	\$53,055.00		Liberty 2/yr
31 Twin Lakes Academy ES/School	Trees within school grounds and ROW - 66 trees	Scheduling	\$122,553.00		Liberty 2/yr
32 Atlantic Beach/City of Atlantic Beach Phase 2	Trees within Atlantic Beach residential Right of Ways and Parks - 133 trees	Complete	\$164,404.80		Liberty 3/mos
33 Kernan Blvd./CM	Trees within medians and Row of Kernan Blvd. - 132 trees	In Progress	\$276,722.50		Liberty 2/yr
34 Amelia View/residential	Trees within medians and ROW in Amelia View community - 73 trees	Complete	\$145,395.00		Liberty 2/yr
35 Whitehouse Park/Parks and residential	Trees within play area and recreational fields. - 29 trees	Scheduling	\$54,594.00		Liberty 2/yr
36 Baker Point Park/Parks and residential	Trees within park undergoing improvements - 8 trees	Scheduling	\$17,091.00		Liberty 2/yr
37 Park St. Rd. Diet/DIA, Prosser	Trees and irrigation within right of way and median undergoing construction improvements - 104 trees	Scheduling	\$399,526.00		Liberty 2/yr
38 Fort Caroline Rd. Tree Planting	Trees within right of way along Fort Caroline Rd. 66 trees	Scheduling	\$165,793.50		2-Year Warranty
39 Norfolk Soutel Tree Planting	Trees within medians and right of way along Norfolk Blvd. 36 trees	Scheduling	\$85,000.00		2-Year Warranty
40 Jax Beach Park and ROW	Trees within parks and right of way. 150 trees	Scheduling	\$277,789.50		
41 Gold Star Family Memorial Highway	Trees within retention pond and right of way. 200 trees	Complete	\$466,296.00		2-Year Warranty
42 Northbank Riverwalk	Trees along trail and riverside of Northbank Riverwalk/Geffen Park area. 68 trees	Tree Commission	\$138,801.00		
43 Jarboe Park	Trees along play areas and trails of Jarboe Park. 76 trees	Tree Commission	\$145,918.00		
44 Columbia Pkwy Retention Pond	Trees along play areas and trails of Jarboe Park. 29 trees	Tree Commission	\$51,840.00		



ONE CITY. ONE JACKSONVILLE

Northbank Riverwalk Level 2 Tree Planting

Description:

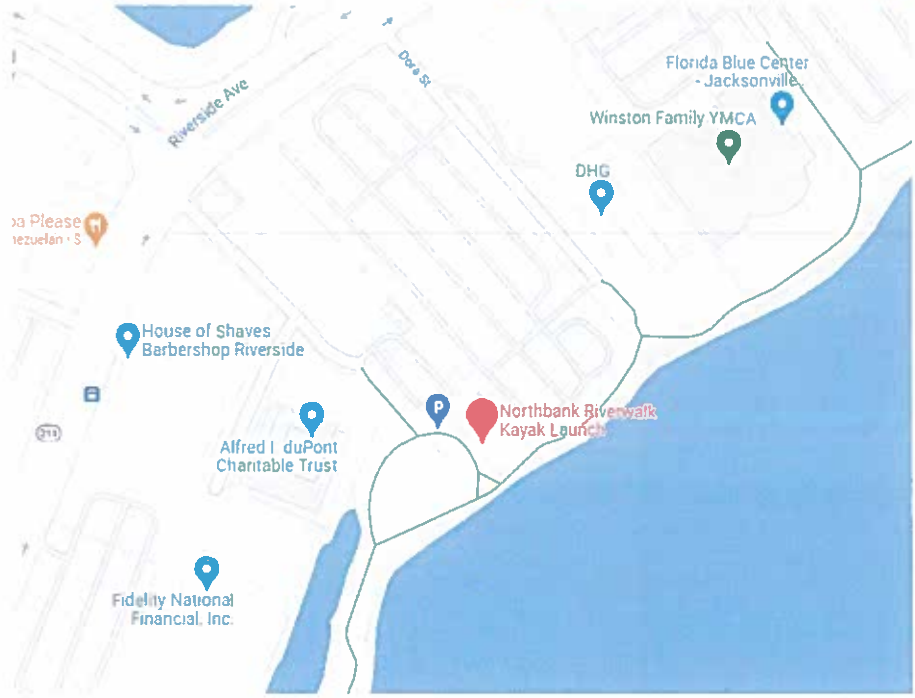
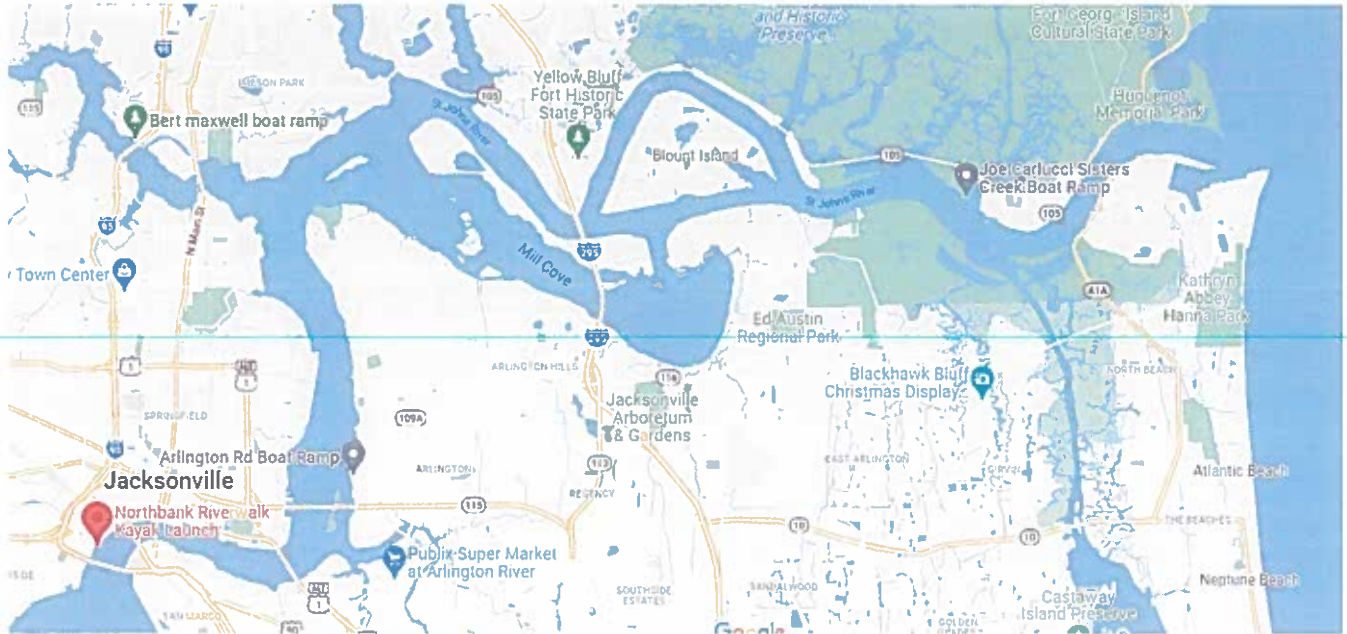
This project, located on the Northbank Riverwalk at 505 Alfred DuPont Place, was requested by City of Jacksonville, Parks, Recreation and Community Services. The goal is to restore tree canopy and shade cover in this portion of the Riverwalk that incurred hurricane and tropical storm damage over the last few years. The conceptual treescape plan (attached) is a collaboration between the City of Jacksonville and Haskell landscape architects and provides an overall picture of the suggested species and restoration recommendations for the Northbank Riverwalk. This Level 2 Tree Planting would be Phase 1 of the overall treescape plan. During site visits over the past few years, it was clear that certain species were more resilient to storm damage. Species selection of the proposed trees along the trail site is based on site suitability and ability to withstand salt spray or periods of inundation where applicable. Sabal Palms were utilized in areas where large canopy trees would not be feasible and due to their ability to provide some amount of shade when planted in groups, and their ability to survive in waterfront environments. Additional soil will be required to sustain the proposed trees and will be retained by straw matting installed around the tree planting sites to reduce erosion. There are no removals currently planned for this project, and please be advised that field adjustment will likely be required. Please visit:

<https://pg-cloud.com/JacksonvilleFL/?scenario=Northbank-Riverwalk>



ONE CITY. ONE JACKSONVILLE.

Vicinity Map (Not to Scale)



LEVEL 2 COMMUNITY ORGANIZATION TREE PLANTING PROGRAM

The form below provides individual citizens and organizations with the opportunity to suggest a location for a tree planting project within Duval County that proposes to use funds from the City of Jacksonville Tree Protection and Related Expenses Trust Fund. If a citizen or organization is interested in suggesting a planting location for the City to implement, then use this form.

Requirements to utilize this program:

1. The location of the proposed planting must be:
 - a. In Duval County; and
 - b. On public property, such as a road right-of-way; a local, state or national park; Duval County School Board property, etc.
2. The number of trees requested may not exceed 200.

Complete the following information below:

1. Name/title of project: Northbank Riverwalk, Phase I Tree Planting

2. Legal name of organization/citizen making suggestion:

City of Jacksonville, Parks, Recreation and Community Services

3. Organization or citizen mailing address:

214 N. Hogan Street, Jacksonville, FL 32202

4. Contact phone number: 255-7941

Contact e-mail: jenz@coj.net

5. Location/address of planting project:

Gefen Park @ Riverwalk, 505 Alfred DuPont Place

6. Has project information been shared with the Council Member of the district? no

7. Rationale for project (include information about the public benefit of the project):

This project will greatly increase the shade, beauty and resiliency of the Riverwalk. Portions of the riverwalk protected by trees experienced little/no loss during the last

8. Description of project:

The project consists of installing soil, irrigation and trees primarily between the Riverwalk and the river. The soil will increase the planting zone of the trees within the rip-rap edge of the river. The soil will be covered in straw matting in lieu of mulch.

If a citizen/organization is interested in proposing a project that they want to administer and implement, a more comprehensive application (Level 3) can be found at the following link: <http://www.coj.net/departments/public-works/tree-commission>.

Level 2 - Community Organization Tree Planting Program Staff Checklist

Total number of trees to be installed 68 Project Title: Northbank Riverwalk

✓ Project is to be planted on Public Land

Total number of trees to be removed 0

✓ Project is located in Duval County

	Activity		Complete
1	The species of trees are appropriately located.		✓
2	The number and placement of trees is appropriate.		✓
3	Trees being planted are approved pursuant to the ' <u>Tree Commission Approved Tree Planting List</u> '		✓
4	Shade Trees are preferred; if non-shade trees are proposed, the use is appropriated/acceptable.		✓
5	Less than 25% of the total species of trees being planted are palms.		
6	The planting will not interfere with utilities or sight line requirements.		✓
7	The project does not include incidental landscaping. If so, the applicant must justify the reason for its inclusion.		✓
8	Construction required? Yes No ✓ if yes, are costs reasonable?		✓
9	Irrigation installed? Yes No ✓ if yes, are costs reasonable?		✓
10	The cost of the species of trees selected do not outweigh the benefits of the trees.		✓
11	Low maintenance plants are utilized.		✓
12	Location of plant material and irrigation (if applicable) has minimum adverse impact over time on infrastructure such as walks and roads.		✓

13	Activity	Complete
	Species of trees being planted are beneficial to the City's tree canopy.	✓
14	The project provides unique benefit to the neighborhood, Council District, or City.	✓
15	The project has been reviewed with and meets the needs of the requesting entity.	✓
16	The Councilmember has been notified of the project.	✓

COMMENTS:

Palms are utilized over canopy trees due to their ability to withstand inclement weather conditions including high winds and salt spray.

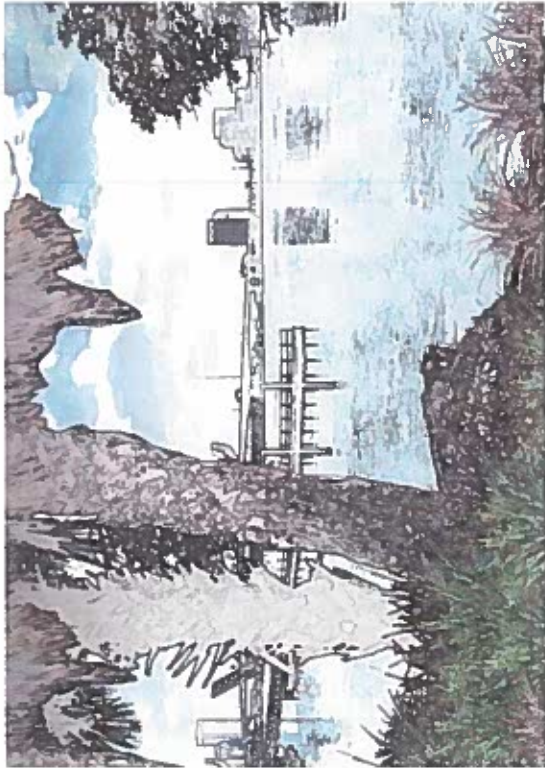
NORTHBANK RIVERWALK - LEVEL 2 TREE PLANTING

TREES

QTY	TREE VARIETY	DESCRIPTION	UNIT PRICE(IRR.)	TOTAL
1	<u>TAXODIUM DISTICHUM</u> BALDCYPRESS	4.5" CAL., 12'HT., 4' SPD., 100GAL./40"B&B	\$2,187.00	\$2,187.00
4	<u>QUERCUS VIRGINIANA</u> LIVE OAK	4" CAL., 14'HT., 8' SPD., 100GAL./40"B&B	\$2,106.00	\$8,424.00
3	<u>ULMUS ALATA</u> WINGED ELM	3" CAL., 12'HT., 6' SPD., 65GAL./36"B&B	\$2,308.00	\$6,924.00
60	<u>SABAL PALMETTO</u> CABBAGE PALM	16" CT REGENERATED	\$1,620.00	\$97,200.00
				\$114,735.00

ADDITIONAL SERVICES

QTY	DESCRIPTION	UNIT PRICE(IRR.)	TOTAL
106 CY	SOIL MIX - ADDITIONAL SOIL ADDED TO SUSTAIN TREE/ROOT GROWTH; TO BE RETAINED BY STRAW MATTING APPLICATION ON TREE ROOT ZONES	\$108.00/CUBIC YARD	\$11,448.00
		10% CONTINGENCY:	\$126,183.00
			\$12,618.00
			\$138,801.00



the NORTHBANK RIVERWALK

A conceptual treescape plan

Contents

01. WRITE UP

A brief introduction to the project and our design methods for the Northbank Riverwalk

02.

PLANT MATERIALS SHEET

A graphic representation of the plant material selected and their benefits to the space

03.

CONCEPTUAL PLAN WITH SECTIONS

Each section of the Northbank Riverwalk with their specific recommendation

10.

LANDSCAPE NOTES

This includes the plant list in overall quantities, a materials list and site recommendations

11.

FLOATING WETLAND INFORMATION

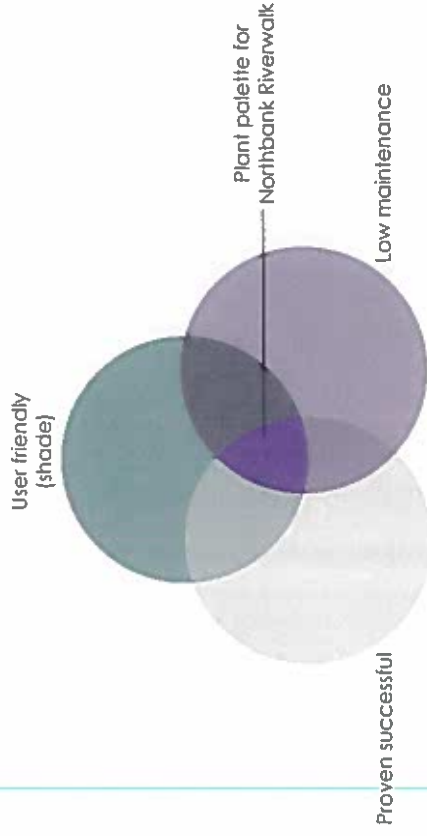
Supplementary information regarding floating wetland plant material and their attributes

INTRODUCTION

The Northbank Riverwalk treescape project is a collaboration between the City of Jacksonville, FL and Haskell landscape architects. Running from the north side of the St. Johns River from the Riverside Arts Market (RAM) to West Coastline Drive, this promenade provides access to the river both visual and physical, recreation for the local community as well as for tourists, and respite. After a number of storms and hurricanes, areas along the northbank needed restoring and more shade from the sun needed to be introduced.

This conceptual treescape plan provides much needed shade for the users of the riverwalk. The plant material chosen utilizes a native palette of trees that have been proven to be successful in this area along the St. Johns. Recommendations have also been made to restore the irrigation system to ensure the success of the newly planted material. Several areas between the riverwalk and the St. Johns have eroded due to various storms, their surge and wave attenuation. These areas were addressed with imporing fill and planting native grasses and palms to help hold the river bank.

Implementing these seemingly smaller but significant changes will increase the enjoyability of the riverwalk. It increases the shade for the community, provides habitat along the urban shoreline, and provides a pleasing aesthetic with a sense of place that could only be Jacksonville, FL.





Tree Plant List			Specifics	
Botanical Name	Common Name	Benefit	Type	Shade Quality
<i>Quercus virginiana</i>	Live Oak	F, H, C	●	High
<i>Magnolia grandiflora</i> var.	Magnolia var.	B, H, C	●	High
<i>Taxodium distichum</i>	Bald Cypress	F, H, C	●	High
<i>Acer rubrum</i>	Red Maple	F, H, C	●	Med
<i>Sabal palmetto</i>	Sabal Palm	F, H, C	●	Low
<i>Platanus occidentalis</i>	Sycamore	F, H, C	●	Med
<i>Juniperus virginiana</i>	Red Cedar	F, H, C	●	Low
<i>Ilex x attenuata</i> 'East Palatka'	East Palatka Holly	F, H, C	●	Med
<i>Quercus lyrata</i>	Overcup Oak	F, H, C	●	High
<i>Ulmus parviflora</i>	Weeping Elm	F, H, C	●	Med
<i>Salix babylonica</i>	Weeping Willow	F, H, C	●	Med

Groundcover Plant List		Specifics	
<i>Muhlenbergia capillaris</i>	Muhly Grass	F, H	-
<i>Sporina alterniflora</i>	Smooth Cord Grass	F, H, C	-
<i>Spartina maritima</i>	Smooth Cord Grass	F, H, C	-
<i>Spartina Bakeri</i>	Smooth Cord Grass	F, H, C	-
<i>Zamia integrifolia</i>	Coastal	F, H	-

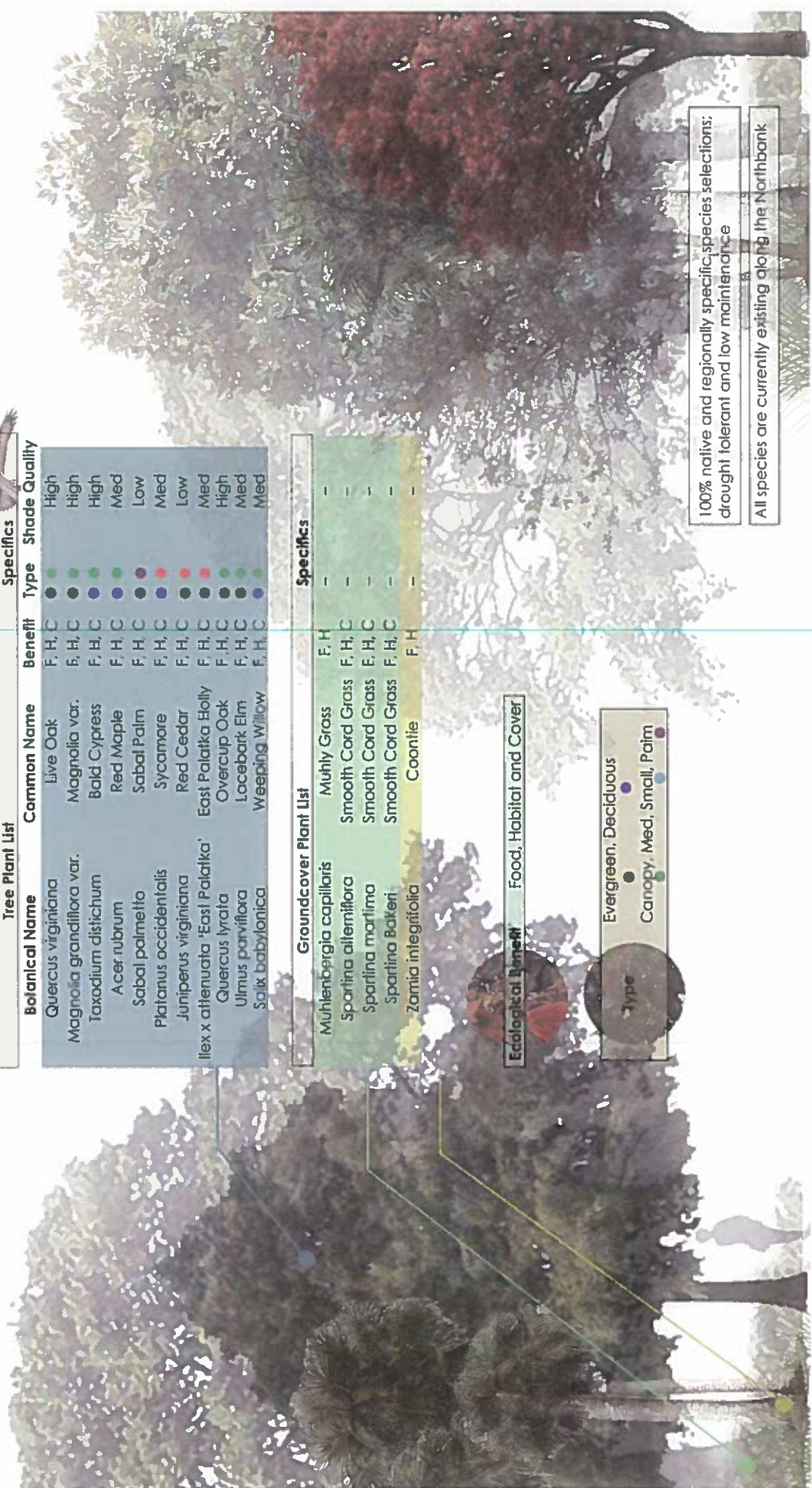
Ecological Benefit Food, Habitat and Cover

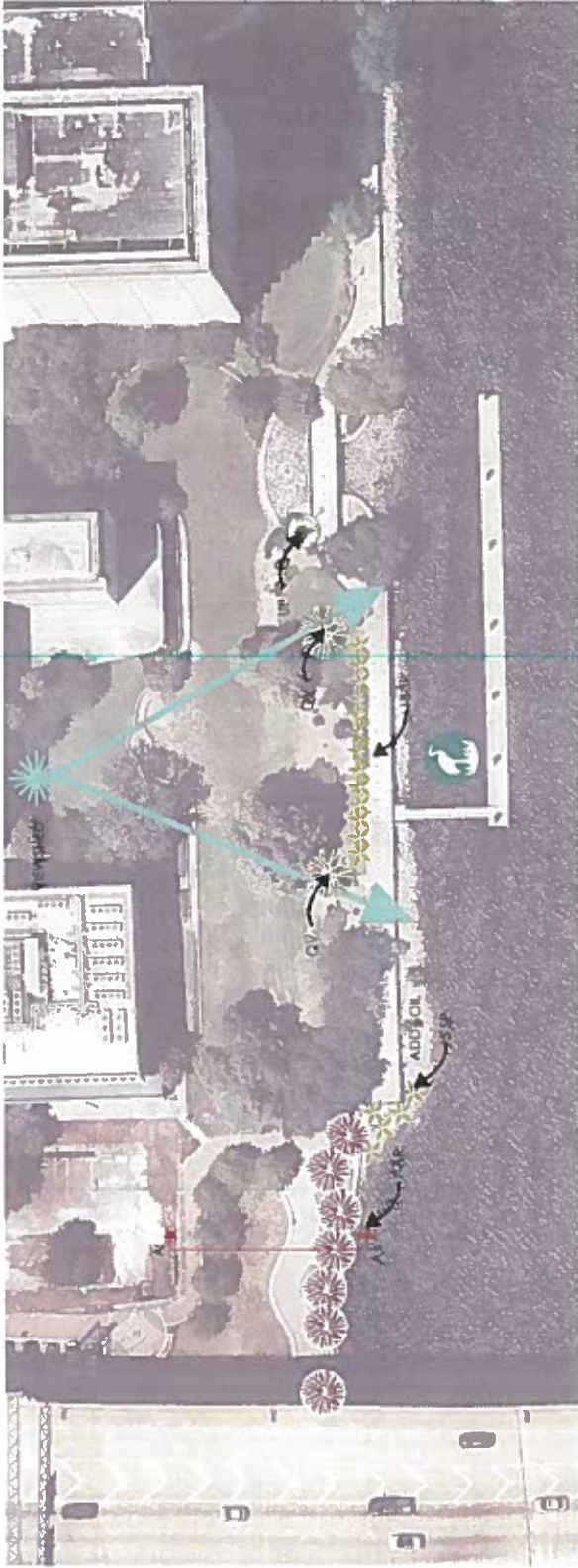
Type

- Evergreen, Deciduous
- Canopy, Med, Small, Palm

100% native and regionally specific species selections; drought tolerant and low maintenance

All species are currently existing along the Northbank





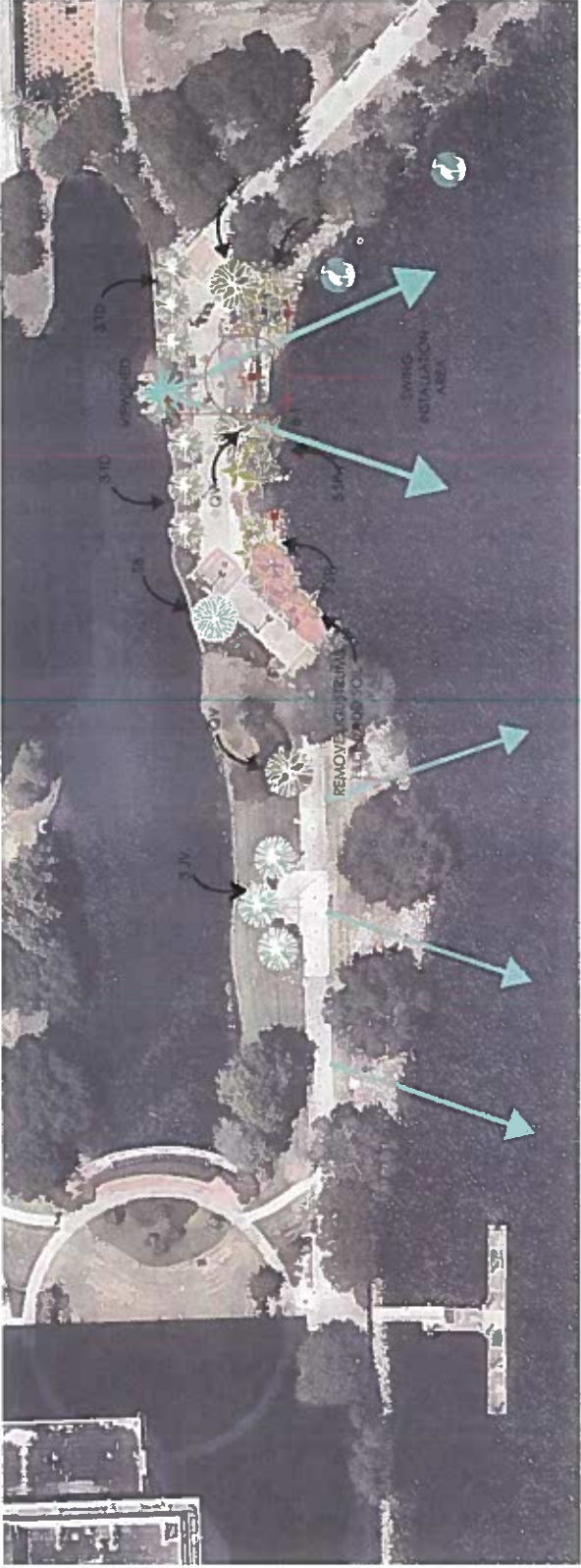
PLANT MATERIAL NOTES
 The plant material chosen is native and has been shown to be successful along the riverwalk. The drought tolerant and low maintenance material will be the most economical and give the riverwalk a sense of "place"

VIEWSHED NOTES:
 River views have been maintained highlighting different views from the Northbank Riverwalk. The most common plant material used along the shoreline is the native Sabal Palm. Its single, clear trunk is accommodating to the view corridor and provides bank stabilization.

FLOATING WETLANDS:
 The floating wetlands can be used as a demonstration planting that improves water quality and promotes diverse habitats. It also adds aesthetic value and can be used as an education tool.

- LEGEND**
- QV - LIVE OAK
 - AR - RED MAPLE
 - TD - BALD CYPRESS
 - UP - LACEBARK ELM
 - SP - SABAL PALM
 - FLOATING WETLAND OPPORTUNITY





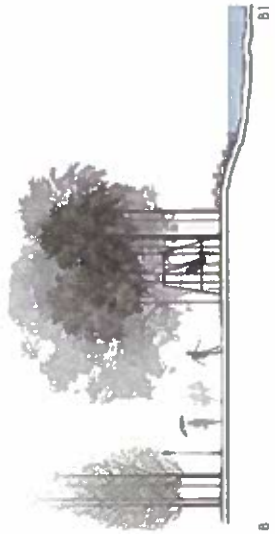
PLANT MATERIAL NOTES:
 The plant material chosen is native and has been shown to be successful along the riverwalk. The drought tolerant and low maintenance material will be the most economical and give the riverwalk a sense of "place".

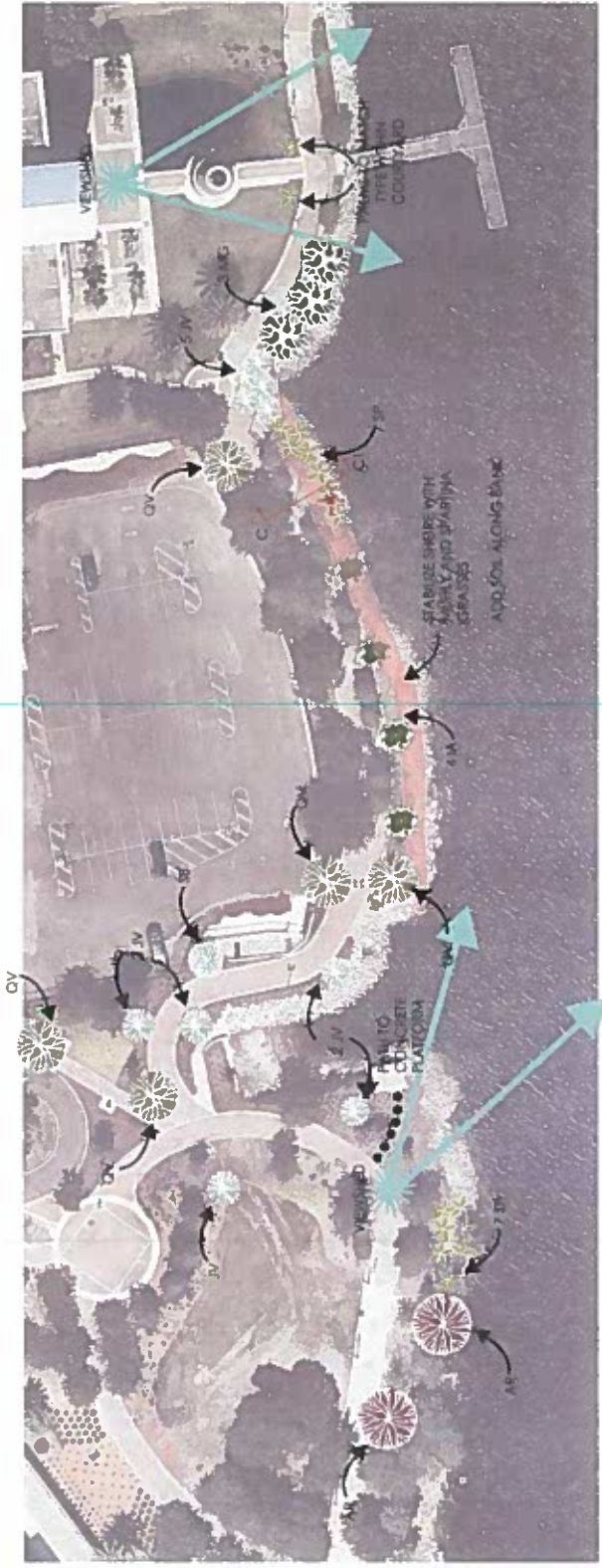
VIEWSHED NOTES:
 River views have been maintained highlighting different views from the Northbank Riverwalk. The most common plant material used along the shoreline is the native Sabal Palm. Its single, clear trunk is accommodating to the view corridor and provides bank stabilization.

-BANK STABILIZATION:
 Erosion at walk edge
 Suggestion: Import fill (40 cu yds)
 Stabilize grade with Sabal Palms
 Deadwood Oaks and lift canopies
 *Note to coordinate FS Parcel Development

SUGGESTIONS:
 Manage the area adjacent to the swing installation for safely deadwood to expose river views.
 Provide educational signage: wetlands, river-friendly, natives
 Bring in booted palms
 Excavate woody groundcover & shrubs

FLOATING WETLANDS:
 The floating wetlands can be used as a demonstration planting that improves water quality and promotes diverse habitats. It also adds aesthetic value and can be used as an education tool.





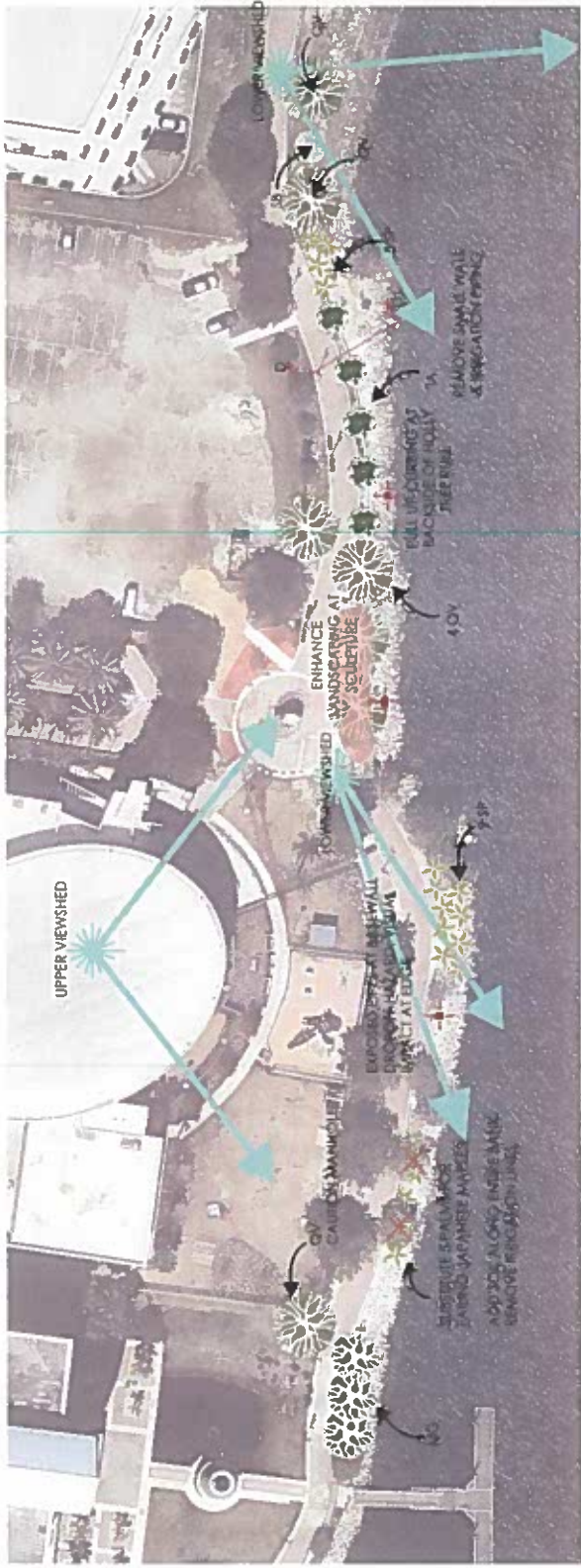
- LEGEND**
-  OV - LIVE OAK
 -  MG - MAGNOLIA
 -  AR - RED MAPLE
 -  JIV - EASTERN RED CEDAR
 -  SB - WEEPING WILLOW
 -  TD - BALD CYPRESS
 -  IA - HOLLY TREE
 -  SP - SABAL PALM

BANK STABILIZATION
 Erosion at walk edge
 Suggestion: import fill (40 cu yds)
 Stabilize grade with Sabal Palms
 Remove dead Oaks and lift canopies
 *Note to coordinate with Parcel Development

PLANT MATERIAL NOTES:
 The plant material chosen is native and has been shown to be successful along the riverwalk. The drought tolerant and low maintenance material will be the most economical and give the riverwalk a sense of "place".

VIEWSHED NOTES:
 River views have been maintained highlighting different views from the Northbank Riverwalk. The most common plant material used along the shoreline is the native Sabal Palm. Its single, clear trunk is accommodating to the view corridor and provides bank stabilization.





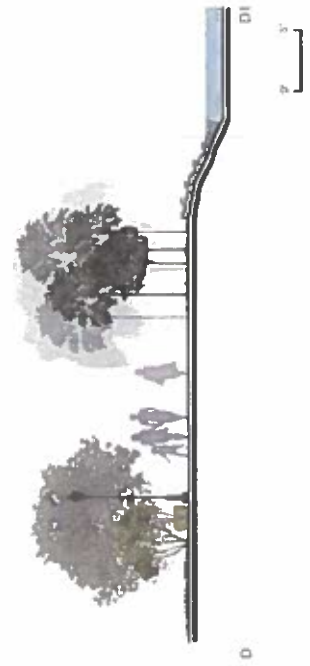
PLANT MATERIAL NOTES:
 The plant material chosen is native and has been shown to be successful along the riverwalk. The drought tolerant and low maintenance material will be the most economical and give the riverwalk a sense of "place".

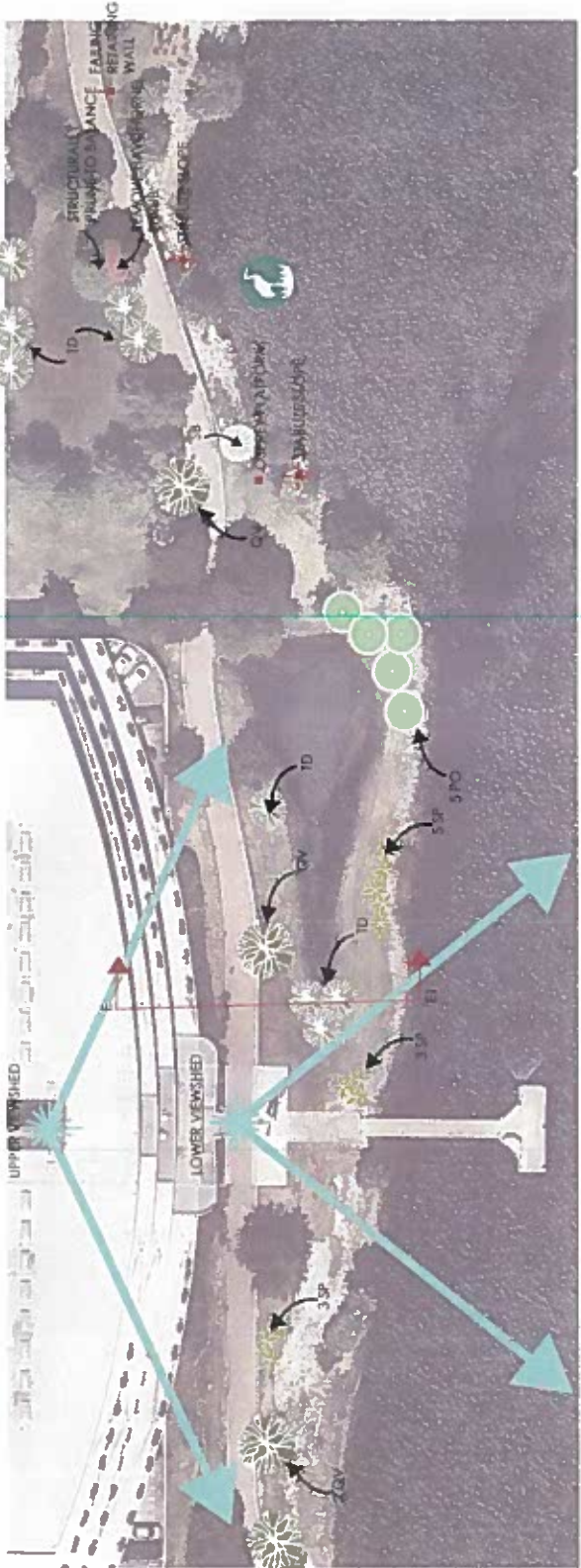
BANK STABILIZATION:
 Suggestion: Import fill (40 cu yds.)
 Stabilize grade with sparina grasses
 Deadwood & structural pruning
 Enhance planting around Tille Fowler sculpture



- LEGEND**
- QV - LIVE OAK
 - MG - MAGNOLIA
 - SB - WEEPING WILLOW
 - IA - HOLLY TREE
 - SP - SABAL PALM

VIEWSHED NOTES:
 River views have been maintained highlighting different views from the Northbank Riverwalk. The most common plant material used along the shoreline is the native Sabal Palm. Its single, clear trunk is accommodating to the view corridor and provides bank stabilization.

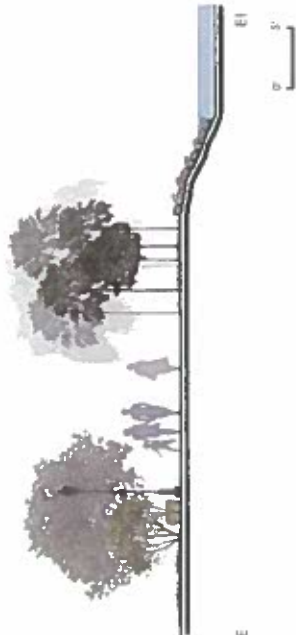


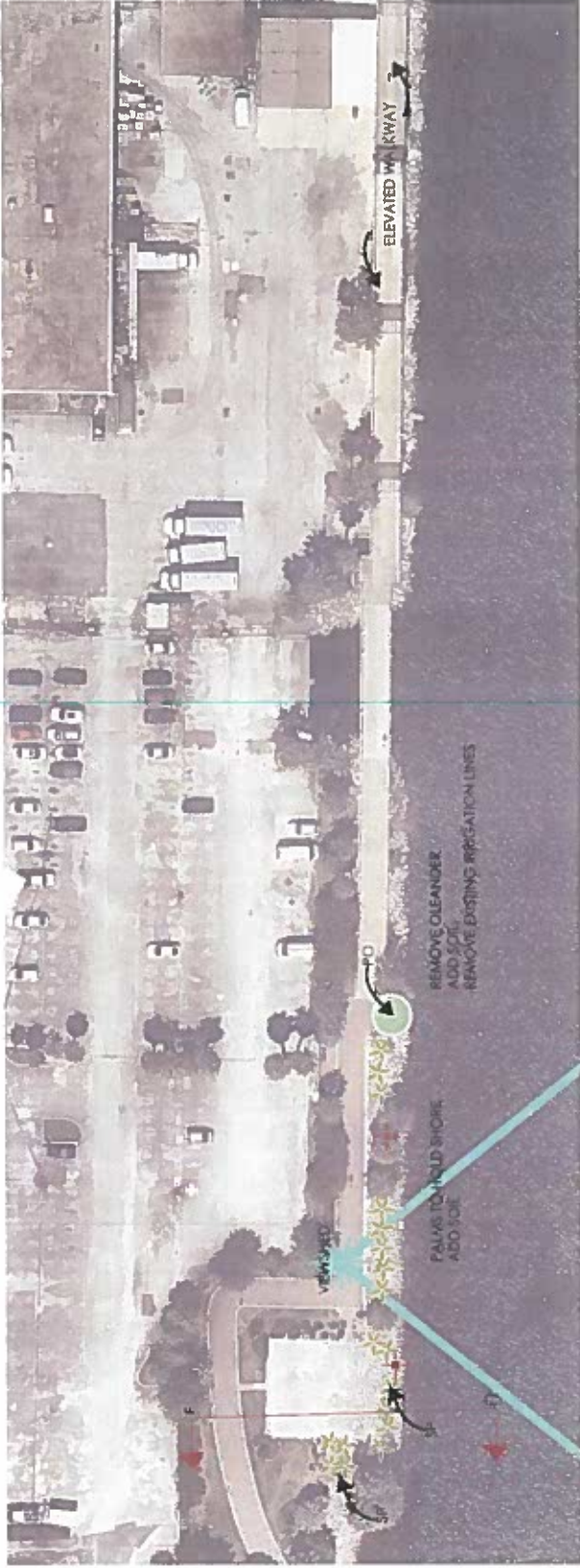


- LEGEND**
- QV - LIVE OAK
 - TD - BALD CYPRESS
 - SB - WEeping WILLOW
 - PO - SYCAMORE
 - SF - SABAL PALM
 - FLOATING WETLAND OPPORTUNITY

PLANT MATERIAL NOTES
 The plant material chosen is native and has been shown to be successful along the riverwalk. The drought tolerant and low maintenance material will be the most economical and give the riverwalk a sense of "place".

BANK STABILIZATION:
 Suggestions: Import fill (40 cu yds.)
 Stabilize grade with mucky grasses
 Deadwood & structural pruning of existing volunteer trees
 Remove dead trees





VIEWSHED NOTES:
 River views have been maintained highlighting different views from the Northbank Riverwalk. The most common plant material used along the shoreline is the native Sabal Palm. Its single, clear trunk is accommodating to the view corridor and provides bank stabilization.

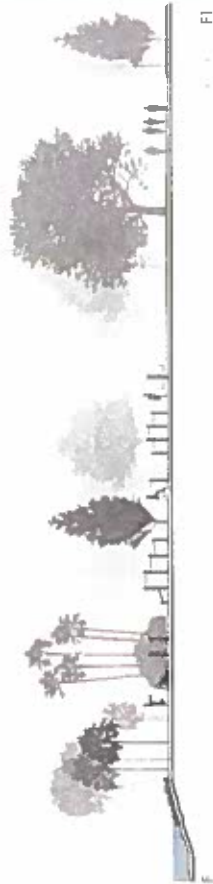
BANK STABILIZATION
 Suggestions: Import fill (60yds)
 Stabilize grade with sparkling grass
 lift & clean palms

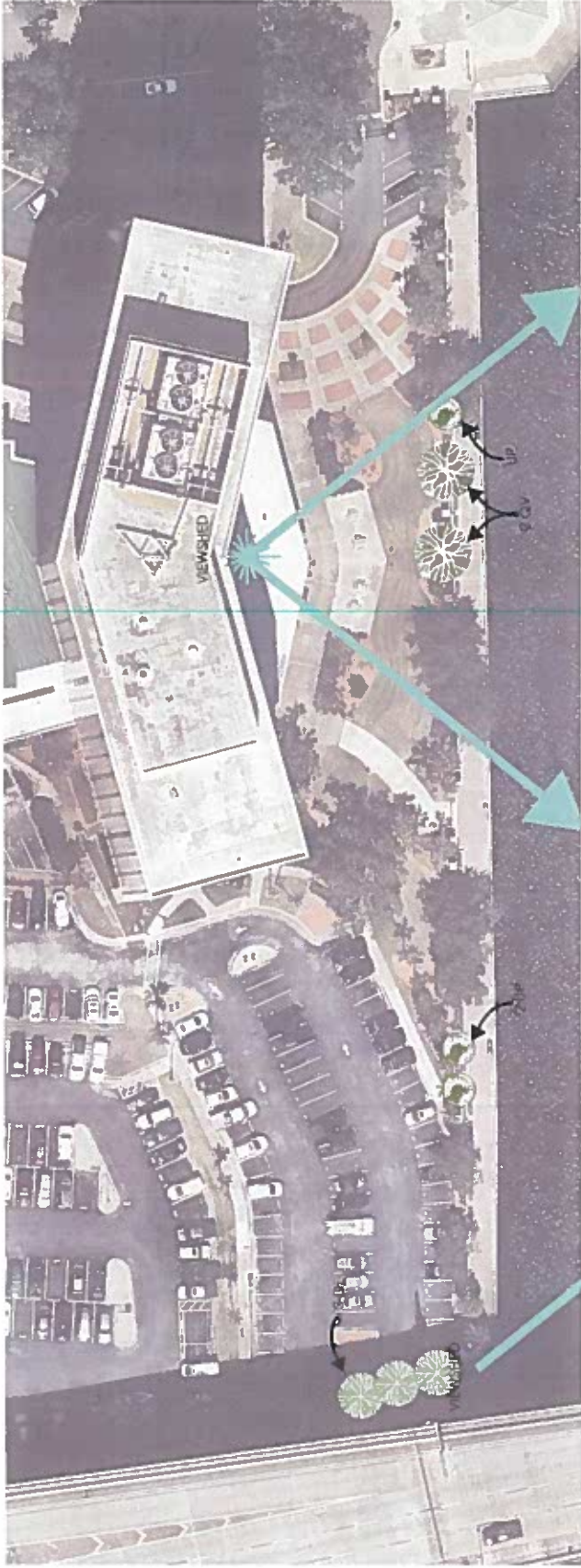


LEGEND

-  QV - LIVE OAK
-  JV- EASTERN RED CEDAR
-  PO - SYCAMORE
-  SP - SABAL PALM

PLANT MATERIAL NOTES:
 The plant material chosen is native and has been shown to be successful along the riverwalk. The drought tolerant and low maintenance material will be the most economical and give the riverwalk a sense of "place".





LEGEND

-  OV - LIVE OAK
-  QL - OVERCUP OAK
-  UP - LACEBARK ELM

PLANT MATERIAL NOTES:
 Existing Lacebark Elms need to be trimmed properly. The plant material chosen is native and has been shown to be successful along the riverwalk. The drought tolerant and low maintenance material will be the most economical and give the riverwalk a sense of "place".

Landscaping Notes

PLANT LIST - TREES

Symbol	Quantity	Botanical Name	Common Name	Size	Remarks	Irrigation Volume	Emitter Type	Native
AR	9	Acer rubrum 'Florida Flame'	Red Maple	12-14' HT/ 3" CAL	FIELD GROWN	LOW	BUBBLER 2.0 GPM	Y
IA	9	Ilex attenuata 'East Palatka'	East Palatka Holly	12-14' HT/ 3" CAL	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y
JV	14	Juniperus virginiana	Eastern Red Cedar	10-12' HT/ CA	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y
MG	6	Magnolia grandiflora 'DD Blanchard'	Magnolia DD Blanchard	12-14' HT / 65 GAL	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y
PO	6	Platanus Occidentalis	Sycamore	12-14' HT / 3" CAL	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y
QL	3	Quercus lyrata	Overcup Oak	3 GAL	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y
QV	23	Quercus virginiana	Live Oak	12-14' HT/ 4" CAL	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y
SB	3	Salix babylonica	Weeping Willow	12-14' HT / 3" CAL	AS SHOWN	MEDIUM	BUBBLER 2.0 GPM	N
SP	99	Sabal palmetto	Sabal Palm	12-20' HT / SLK	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y
TD	15	Taxodium distichum	Bald Cypress	12-14' HT / 3" CAL	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y
UP	4	Ulmus parviflora	Leceback Elm	12-14' HT / 3" CAL	AS SHOWN	LOW	BUBBLER 2.0 GPM	Y



















PLANT LIST - SHRUBS AND GROUNDCOVERS

Quantity	Botanical Name	Common Name	Size	Irrigation Volume	Emitter Type	Native
500	Muhlenbergia capillaris	Muhly Grass	3 gal	LOW	Bubblers 2.0 GPM	Y
500	Spartina alterniflora	Smooth Cord Grass	3 gal	LOW	Bubblers 2.0 GPM	Y
500	Spartina bakeri	Smooth Cord Grass	3 gal	LOW	Bubblers 2.0 GPM	Y
500	Spartina maritima	Smooth Cord Grass	3 gal	LOW	Bubblers 2.0 GPM	Y
500	Zamia integrifolia	Coonille	3 gal	LOW	Bubblers 2.0 GPM	Y

GENERAL NOTES

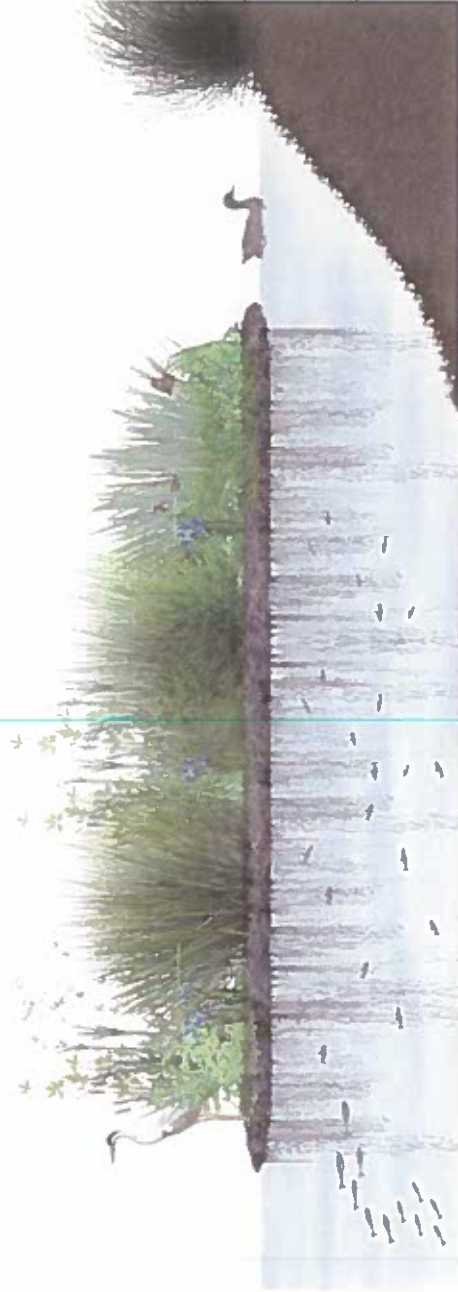
- Shrubs and Ground Cover quantities are estimates for budgeting estimating. Planting locations and quantities to be determined upon final site inventory.
- Approximate fill cu yds volumes indicated on plans are estimates for the purpose of budget and estimating. Final quantities for fill/dirt to be determined upon final site inventory.
- Irrigation system will be necessary to support the proposed planting of tree and slope stabilizing grasses. All proposed new trees and palms will receive adjustable flood bubbler type emitters. Remove existing storm damaged system required to extents of retro-fit and repair to existing irrigation upon final site inventory.
- Provide design, permitting, and installation of new 100% coverage irrigation system.

FLOATING WETLAND TREATMENT PLANT OPTIONS

Scientific name	Common name	Native status	Type	Height	Spread	Light range	Salt tolerance	Wildlife	Bioremediation ability	Maintenance Note:
<i>Agapanthus africanus</i>	Lily of the Nile	No	Perennial	2'	2'	Full sun /part shade	Medium		Phytoremediation potential for petroleum.	Most effective if harvested seasonally (but annually; recommended before fall) before metals release back into water via roots, stems, and leaves
<i>Distichlis spicata</i>	Saltgrass	Yes	Grass	1'-2'	2'-4'	Full sun	High	 	Have been used to extract heavy metals from contaminated soils (Cu, Zn, Mn)	
<i>Helianthus angustifolius</i>	Swamp Sunflower	Yes	Perennial	2'-4'	2'-4'	Full sun	High	 	Highly adsorbent and have been used to bioaccumulate heavy and toxic metals	
<i>Miscanthus sinensis</i>	Zebra Grass	Yes	Grass	1'-9"	3'-5'	Full sun /part shade	High		Phytoremediation of Mercury-contaminated sites	
<i>Panicum virgatum</i>	Panic Grass	Yes	Grass	1'-5'	1'-5'	Full sun /part shade	High	 	Used as a phytoremediation plant for Cd and Pb	
<i>Solidago canadensis</i>	Canadian Goldenrod	No	Perennial	2'-6"	0.5'-2'	Full sun/ part shade	High	 	Bioaccumulator and phytoremediator of Pb and Zn	
<i>Spartina alterniflora</i>	Smooth Cordgrass	Yes	Grass	3'-4'	3'-5'	Full sun	High	 	Filtering heavy metals and toxic materials from the water column (Cr, Pb, Cu, Zn and Mn)	
<i>Spartina bakeri</i>	Baker's Cordgrass	Yes	Grass	3'-4'	3'-5'	Full sun	High	 	Often used for stormwater filtration	
<i>Tripsacum floridana</i>	Florida Gama Grass	Yes	Grass	2'-4'	4'-6'	Full sun /part shade	Medium	 	Often used for stormwater filtration	
<i>Tripsacum dactyloides</i>	Fakahatchee Grass	Yes	Grass	4'-6"	4'-6"	Full sun /part shade	Medium	 	Often used for stormwater filtration	



Additional Attracting Pollinators:





ONE CITY. ONE JACKSONVILLE

Jarboe Park Level 2 Tree Planting

Description:

This is a Level 2 request for a tree planting in Jarboe Park at 510 Florida Blvd, Neptune Beach, FL located in District 13. This request was developed in collaboration with Planning Division of Neptune Beach, following recent improvements to the well-utilized park. Tree planting sites were carefully chosen per the recommendation of Neptune Beach Planning staff so as not to impede recreational activities but to enhance the park and provide shade to the many new amenities found onsite. The installation will provide much-needed shade with the selection of 76 native trees. Trees will be concentrated on the existing multi-use trail, recently enhanced with fitness stations, and these trees will provide shade and serve as a buffer for the adjacent uses. Moisture-loving tree species will surround the wetland lagoon areas. Shade trees will enhance perimeter of the Pickleball and multi-use courts as well as the two newly constructed play and recreational areas. Species selections are native, and selection was based on trees that thrive in the Beaches area, as well as taking into consideration the existing soil conditions. There are currently no known visible utility conflicts, but as always, field adjustments may be requiring after all utilities are located. The plan may be viewed on the City's Tree Canopy Planner:

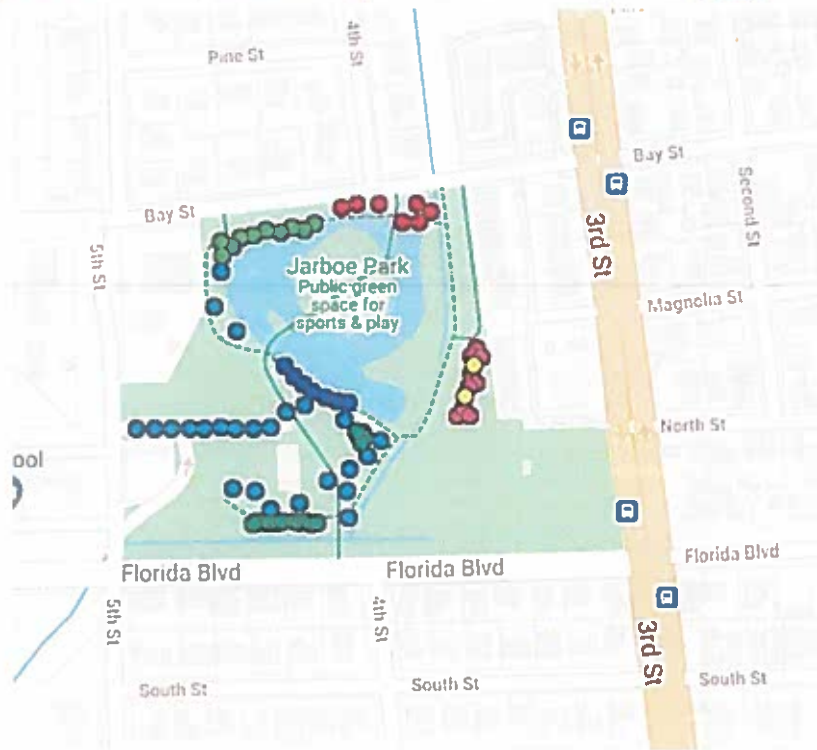
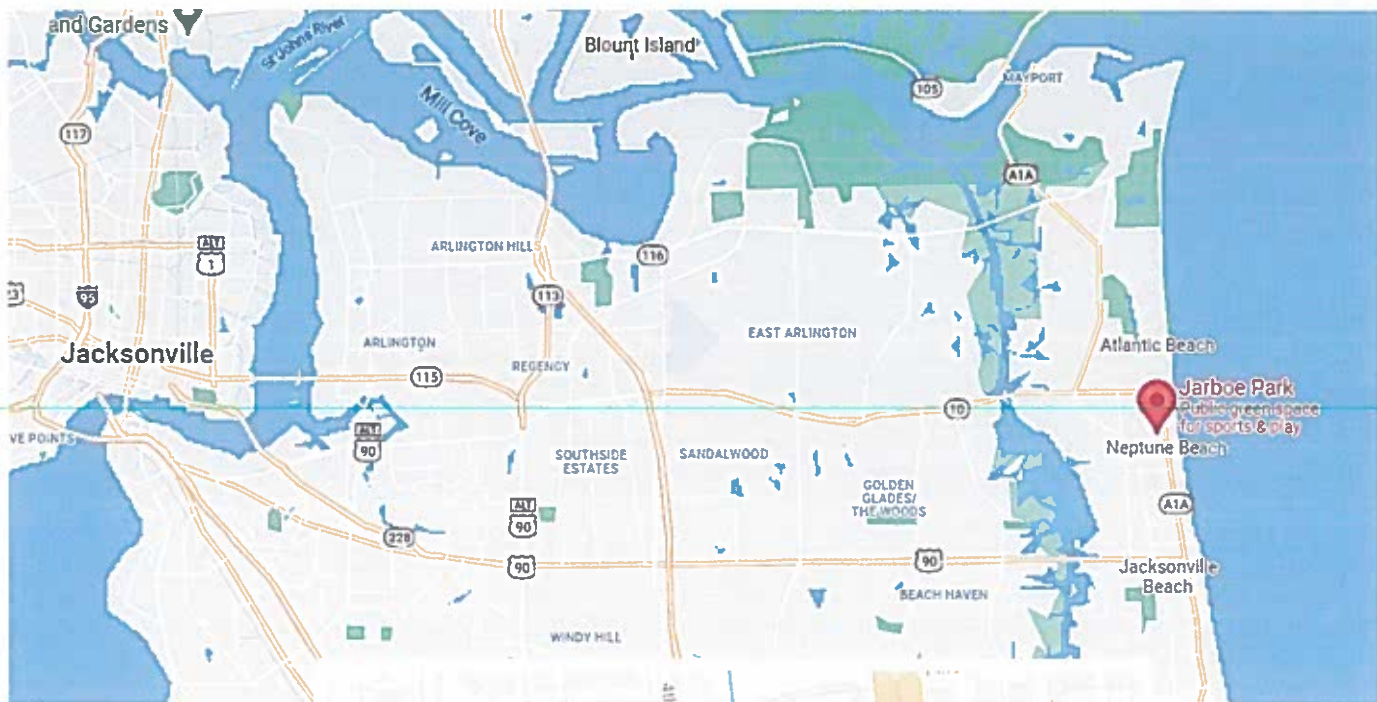
<https://pg-cloud.com/JacksonvilleFL/?scenario=Jarboe1>



ONE CITY. ONE JACKSONVILLE

Vicinity Map

(Not to Scale)



LEVEL 2 COMMUNITY ORGANIZATION TREE PLANTING PROGRAM

The form below provides individual citizens and organizations with the opportunity to suggest a location for a tree planting project within Duval County that proposes to use funds from the City of Jacksonville Tree Protection and Related Expenses Trust Fund. If a citizen or organization is interested in suggesting a planting location for the City to implement, then use this form.

Requirements to utilize this program:

1. The location of the proposed planting must be:
 - a. In Duval County; and
 - b. On public property, such as a road right-of-way; a local, state or national park; Duval County School Board property, etc.
2. The number of trees requested may not exceed 200.

Complete the following information below:

1. Name/title of project: Jarboe Park

2. Legal name of organization/citizen making suggestion:
City of Neptune Beach
3. Organization or citizen mailing address:
116 First St, Neptune Beach FL 32266
4. Contact phone number: 904-270-2400 x44
Contact e-mail: colinmoore@nbfl.us
5. Location/address of planting project:
510 Florida Blvd, Neptune Beach FL 32266
6. Has project information been shared with the Council Member of the district? Yes
7. Rationale for project (include information about the public benefit of the project):
Increased tree canopy for the most popular public park in the City of Neptune Beach
8. Description of project:
A variety of trees will be planted along paths and a section of the East Coast Greenway that goes through the park. Trees will also be planted on park property to screen the back of commercial buildings adjacent to the east side of the park.

If a citizen/organization is interested in proposing a project that they want to administer and implement, a more comprehensive application (Level 3) can be found at the following link: <http://www.coj.net/departments/public-works/tree-commission>.

Level 2 - Community Organization Tree Planting Program Staff Checklist

Total number of trees to be installed 76

Project Title: Jarboe Park

✓ Project is to be planted on Public Land

Total number of trees to be removed 0

Project is located in Duval County - Neptune Beach

	Activity	Complete
1	The species of trees are appropriately located.	✓
2	The number and placement of trees is appropriate.	✓
3	Trees being planted are approved pursuant to the 'Tree Commission Approved Tree Planting List'.	✓
4	Shade Trees are preferred; if non-shade trees are proposed, the use is appropriated/acceptable.	✓
5	Less than 25% of the total species of trees being planted are palms.	✓
6	The planting will not interfere with utilities or sight line requirements.	✓
7	The project does not include incidental landscaping. If so, the applicant must justify the reason for its inclusion.	✓
8	Construction required? Yes No ✓ If yes, are costs reasonable?	✓
9	Irrigation installed? Yes No ✓ If yes, are costs reasonable?	✓
10	The cost of the species of trees selected do not outweigh the benefits of the trees.	✓
11	Low maintenance plants are utilized.	✓
12	Location of plant material and irrigation (if applicable) has minimum adverse impact over time on infrastructure such as walks and roads.	✓

	Activity	Complete
13	Species of trees being planted are beneficial to the City's tree canopy.	✓
14	The project provides unique benefit to the neighborhood, Council District, or City.	✓
15	The project has been reviewed with and meets the needs of the requesting entity.	✓
16	The Councilmember has been notified of the project.	✓

COMMENTS:

JARBOE PARK - LEVEL 2 TREE PLANTING

TREES

QTY	TREE VARIETY	DESCRIPTION	UNIT PRICE(IRR.)	TOTAL
10	TAXODIUM DISTICHUM BALDCYPRESS	3.5" CAL., 10'HT., 5' SPD., 65GAL./36"B&B	\$1,944.00	\$19,440.00
25	QUERCUS VIRGINIANA LIVE OAK	4" CAL., 14'HT., 8' SPD., 100GAL./40"B&B	\$2,106.00	\$52,650.00
7	ULMUS AMERICANA AMERICAN ELM	3" CAL., 12'HT., 6' SPD., 65GAL./36"B&B	\$2,308.00	\$16,156.00
16	SABAL PALMETTO CABBAGE PALM	16" CT REGENERATED	\$1,620.00	\$25,920.00
2	PLATANUS OCCIDENTALIS SYCAMORE	3" CAL., 12'HT., 6' SPD., 65GAL./36"B&B	\$1,701.00	\$3,402.00
7	BETULA NIGRA RIVER BIRCH 'DURA HEAT'	MIN 3 TRUNKS 12' Ht. 45 G or 32"B&B	\$1,863.00	\$13,041.00
9	JUNIPERUS SILICICOLA SOUTHERN RED CEDAR	3.5" CAL., 10'HT., 4' SPD., 65GAL./36"B&B	\$1,701.00	\$15,309.00
				\$145,918.00

JARBOE PARK – LEVEL 2 TREE PLANTING NEPTUNE BEACH, FLORIDA



Figure 4 - Trail Buffer/Screen

Figure 1 - Playground

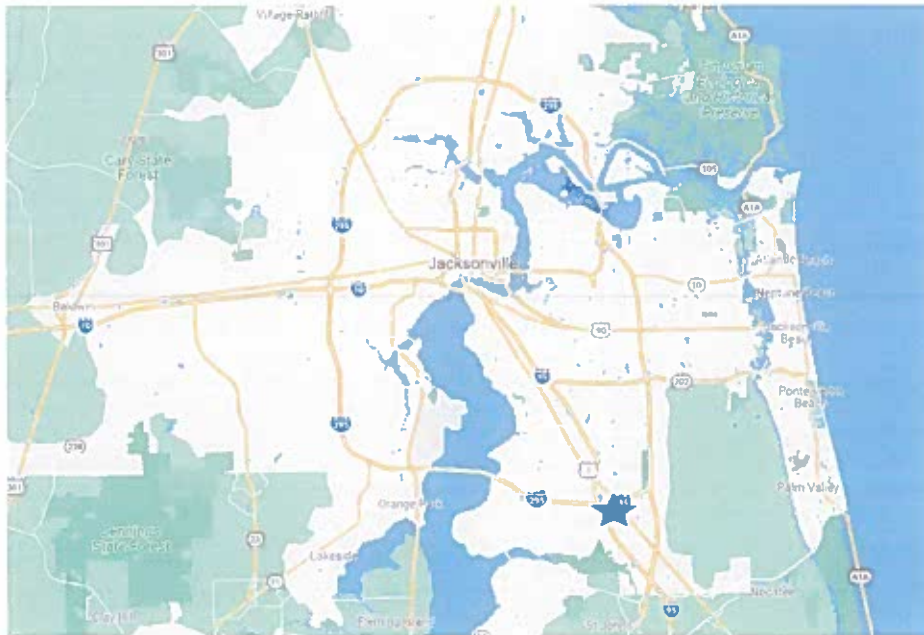


Columbia Parkway Retention Pond Level II

Scope of Work

Description:

The office of Council Member Becton has requested a tree planting surrounding a retention pond off of Columbia Parkway. This project will take place in City Council District 11 and includes the planting of a variety of shade trees that will serve as an aesthetic and sound buffer for residents of the area to reduce impacts of nearby industrial sites. In addition, these plantings will help to filter stormwater runoff before reaching this retention pond that connects to several different aspects of the city's stormwater management infrastructure. Most trees selected were shade trees to enhance the city's canopy, with some smaller trees selected to fill gaps and enhance the screening ability of the planting. This project includes the planting of 29 total trees, with no tree removals necessary. To see a map of the planting plan, please see: <https://pg-cloud.com/JacksonvilleFL/?scenario=ColumbiaPkwy>. All trees will be planted on public right of way areas or on parks grounds within Duval County.



Approximate location of planting project within Duval County.

LEVEL 2 COMMUNITY ORGANIZATION TREE PLANTING PROGRAM

The form below provides individual citizens and organizations with the opportunity to suggest a location for a tree planting project within Duval County that proposes to use funds from the City of Jacksonville Tree Protection and Related Expenses Trust Fund. If a citizen or organization is interested in suggesting a planting location for the City to implement, then use this form.

Requirements to utilize this program:

1. The location of the proposed planting must be:
 - a. In Duval County; and
 - b. On public property, such as a road right-of-way; a local, state or national park; Duval County School Board property, etc.
2. The number of trees requested may not exceed 200.

Complete the following information below:

1. Name/title of project: Columbia Parkway Retention Pond
2. Legal name of organization/citizen making suggestion:
Council Member Becton's Office
3. Organization or citizen mailing address:
117 W Duval St, Jacksonville FL 32202
4. Contact phone number: 904-255-5211
Contact e-mail: JoeJ@coj.net
5. Location/address of planting project:
Retention pond on Columbia Parkway E
6. Has project information been shared with the Council Member of the district? Yes
7. Rationale for project (include information about the public benefit of the project):
This project will provide a screen from industrial sites and filter stormwater runoff before it reaches the retention pond.
8. Description of project:
This project includes the planting of 29 trees surrounding a retention pond on Columbia Pkwy in Southeast Jacksonville. This will help to protect water quality and provide a screen for residents of the area from the industrial sites surrounding the neighborhood.

If a citizen/organization is interested in proposing a project that they want to administer and implement, a more comprehensive application (Level 3) can be found at the following link: <http://www.coj.net/departments/public-works/tree-commission>.

To Be Completed By City of Jacksonville/Public Works Staff Only

Level 2 - Community Organization Tree Planting Program Staff Checklist

Total number of trees to be installed 29

Project is to be planted on Public Land

Total number of trees to be removed 0

Project is located In Duval County

Project Title:
Columbia Parkway Retention Pond

Activity		Complete
1	The species of trees are appropriately located.	✓
2	The number and placement of trees is appropriate.	✓
3	Trees being planted are approved pursuant to the <u>'Tree Commission Approved Tree Planting List'</u> .	✓
4	Shade Trees are preferred; if non-shade trees are proposed, the use is appropriated/acceptable.	✓
5	Less than 25% of the total species of trees being planted are palms.	✓
6	The planting will not interfere with utilities or sight line requirements.	✓
7	The project does not include incidental landscaping. If so, the applicant must justify the reason for its inclusion.	✓
8	Construction required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, are costs reasonable?	✓
9	Irrigation installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, are costs reasonable?	✓
10	The cost of the species of trees selected do not outweigh the benefits of the trees.	✓
11	Low maintenance plants are utilized.	✓
12	Location of plant material and irrigation (if applicable) has minimum adverse impact over time on infrastructure such as walks and roads.	✓
13	Species of trees being planted are beneficial to the City's tree canopy.	✓
14	The project provides unique benefit to the neighborhood, Council District, or City.	✓
15	The project has been reviewed with and meets the needs of the requesting entity.	✓
16	The Councilmember has been notified of the project.	✓

COMMENTS:

Columbia Parkway Retention Pond Level II

No.	Description	Unit	Quantity	Unit Price*	Extended Price
1	<i>Taxodium distichum</i> 'Bald Cypress' 3.5" Cal., 10' Hgt., 5' Spd., 65G or 36" B&B	EA	7	\$1,944.00	\$13,608.00
2	<i>Nyssa sylvatica</i> 'Blackgum' 3" Cal., 12' Hgt., 6' Spd., 65G or 36" B&B	EA	4	\$2,268.00	\$9,072.00
3	<i>Juniperus silicicola</i> 'Southern Redcedar' 3" Cal., 10' Hgt., 4' Spd., 65G or 36" B&B, Dense	EA	6	\$1,701.00	\$10,206.00
4	<i>Ilex vomitoria</i> 'Yaupon Holly' Min. 3 Tks @10' Hgt., 45G or 32" B&B	EA	6	\$1,539.00	\$9,234.00
5	<i>Myrica cerifera</i> 'Wax Myrtle' Min. 4 Tks @ 8' Hgt., 6' Spd., 45G or 32" B&B, Full	EA	6	\$1,620.00	\$9,720.00
	Subtotal Tree Installation		29		\$51,840.00

Columbia Parkway 1 (of 2)

Columbia Pkwy

Columbia Pkwy

E Alton St

E Alton St

E Alton St



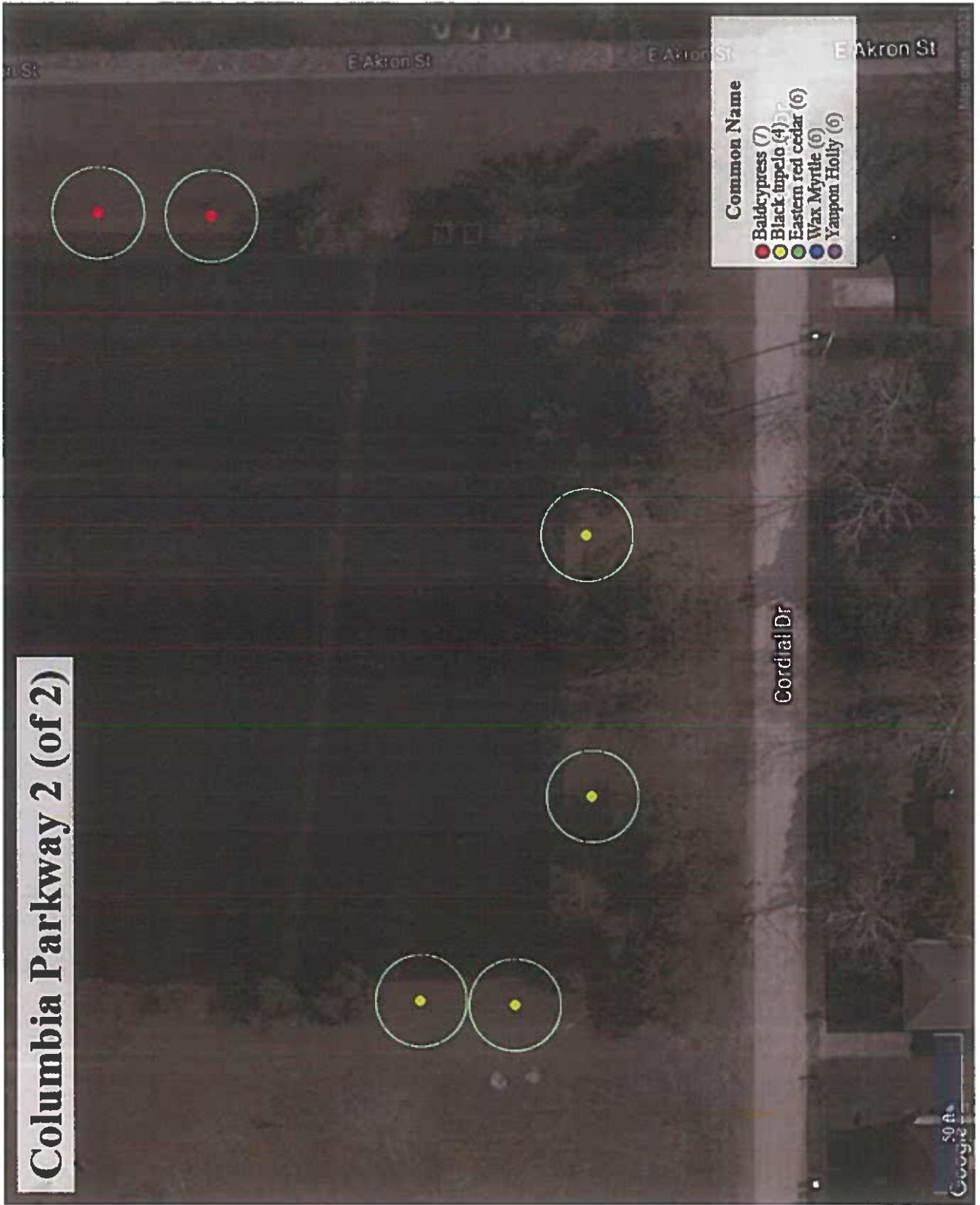
Common Name

- Baldcypress (7)
- Black tupelo (4)
- Eastern red cedar (6)
- Wax Myrtle (6)
- Yampon Holly (6)

50 ft
Google

Map data © 2013

Columbia Parkway 2 (of 2)



- Common Name**
- Baldcypress (7)
 - Black tupelo (4)
 - Eastern red cedar (6)
 - Wax Myrtle (6)
 - Yaupon Holly (6)

Cordial Dr

RESOLUTION 2021-_____

A RESOLUTION OF THE JACKSONVILLE TREE COMMISSION RECOGNIZING THE TREMENDOUS ECONOMIC, SCENIC AND ENVIRONMENTAL VALUE OF PUBLICLY FUNDED LANDSCAPING ALONG FLORIDA'S STATE HIGHWAYS; OPPOSING THE PASSAGE OF FLORIDA HOUSE BILL 6089, WHICH PROPOSES TO ELIMINATE THE LONG-STANDING REQUIREMENT THAT 1.5% OF THE AMOUNT OF ALL FLORIDA DEPARTMENT OF TRANSPORTATION CONSTRUCTION PROJECTS BE INVESTED IN ROADSIDE LANDSCAPING; PROVIDING AN EFFECTIVE DATE.

WHEREAS, Florida's state highway system covers more than 200,000 acres of publicly owned land; and

WHEREAS, Florida's roadsides are our most visible and visited landscape, witnessed daily by millions of residents and tourists alike, making first and long-lasting impressions of Florida; and

WHEREAS, Florida's roadside trees and other vegetation protect our air and water quality and enhance the scenic beauty of Florida's communities; and

WHEREAS, beginning in 1924, Florida has enjoyed the benefits of publicly funded landscaping along such state highways; and

WHEREAS, beginning in and since 1999, following a unanimous vote in both the Florida Senate and Florida House of Representatives, 1.5% of the amount contracted for construction by the Florida Department of Transportation ("Department") was allocated for roadside landscaping; and

WHEREAS, in 2019, Department rules and procedures governing highway beautification were rewritten and renamed to emphasize landscape conservation; and

WHEREAS, in 2020, the Department adopted a policy to conserve, protect and enhance Florida's natural resources and scenic beauty when planning, constructing and maintaining the State Transportation System with landscapes that improve air and water quality, benefit ecosystems and enhance communities; and

WHEREAS, such investments in roadside landscape construction provide economic and workforce benefits similar to any provided for roadway construction, and such investments in the landscape appreciates in value despite economic downturns (while roadway infrastructure depreciates requiring maintenance and eventual replacement); and

WHEREAS, with the 1.5% investment required by the Florida Legislature, the Department

has become particularly adept at designing, constructing and maintaining roads and trails to safely accommodate existing and proposed trees; and

WHEREAS, without the 1.5% investment required by the Florida Legislature, the Department will be unable to continue designing, constructing and maintaining roads and trails to safely accommodate existing and proposed trees; and

WHEREAS, Florida House bill 6089 proposes to eliminate the long-standing requirement that 1.5% of the amount of all Department construction projects be invested in roadside landscaping.

NOW THEREFORE, BE IT RESOLVED by the Jacksonville Tree Commission:

Section 1. The Jacksonville Tree Commission finds that the recitals set forth above are true and correct and are incorporated herein by this reference.

Section 2. The Jacksonville Tree Commission, by unanimous vote, hereby opposes the passage of Florida House bill 6089, or any other legislation that proposes to reduce the requirement that 1.5% of the amount of all Department construction projects be invested in roadside landscaping.

Section 3. This resolution shall become effective upon signature by the Chairman.

ADOPTED BY THE COMMISSION
December 15, 2021

Chris Flagg, Chairman
Jacksonville Tree Commission

1 A bill to be entitled
 2 An act relating to the purchase of plant materials for
 3 transportation projects; amending s. 334.044, F.S.;
 4 removing provisions requiring that certain percentages
 5 of funds allocated by the Department of Transportation
 6 for construction projects be used for the purchase of
 7 plant materials; providing an effective date.

8
 9 Be It Enacted by the Legislature of the State of Florida:

10
 11 Section 1. Subsection (26) of section 334.044, Florida
 12 Statutes, is amended to read:

13 334.044 Powers and duties of the department.—The
 14 department shall have the following general powers and duties:

15 (26) To provide for the enhancement of environmental
 16 benefits, including air and water quality; to prevent roadside
 17 erosion; to conserve the natural roadside growth and scenery;
 18 and to provide for the implementation and maintenance of
 19 roadside conservation, enhancement, and stabilization programs.
 20 ~~At least 1.5 percent of the amount contracted for construction~~
 21 ~~projects shall be allocated by the department on a statewide~~
 22 ~~basis for the purchase of plant materials.~~ Department districts
 23 may not expend funds for landscaping in connection with any
 24 project that is limited to resurfacing existing lanes unless the
 25 expenditure has been approved by the department's secretary or

9/10/2021

Available Balance Overview

Tree mitigation website to be updated.



**Balance December
Meeting**

12,158,599

12/13/2021		Remaining	FY 21	Open	Remaining
Budget Balance of Appropriated Expenditures		Budget	Expenditures	Purchase Orders	Balance
Center	Activity				
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000189-5Th & Cleveland Ash Site Tree Planting	6,593.80	-	6,593.80	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000275-Brown's Dump Ash Site Tree Planting	884.25	-	884.25	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000378-County-Wide Tree Prog-Right Of Way	2,192,787.27	26,554.48	873,850.89	1,292,382
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000429-Duval County School Board Property	92,243.50	-	-	92,244
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000541-Hammond Blvd Project	35,140.70	8,237.90	16,619.80	10,283
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000604-Intersec,Bridge,Misc 09-10 Landscaping	18,467.68	-	-	18,468
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000651-King St Planting College To Park	8,724.53	-	8,724.53	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000744-North Main Street Landscaping	9,155.68	-	-	9,156
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000982-Tree Protection & Related Expenses	1,436,949.08	-	-	1,436,949
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001035-Mandarin Road Tree Planting	74,601.00	-	-	74,601
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001036-Springfield Preservation Tree Planting	220,408.45	(139.24)	9,331.02	211,217
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001315-Level 2 Tree Planting Program	4,434,789.19	30,394.72	1,802,174.64	2,602,220
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001316-Moncrief Rd Beautification Project	180,705.21	13,353.86	27,112.73	140,239
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001345-District 8 Tree Planting	52,767.40	-	52,767.40	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001606-Sulzbacher Village Level 3 Tree Planting	20,752.30	(2,077.50)	12,442.30	10,388
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001607-Hugenot Park Level 3 Tree Planting	72,207.20	-	72,207.20	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001623-Level 3 Tree Planting Program	825,213.40	-	275,962.75	549,251
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	All Activity Values	9,682,390.64	76,324.22	3,158,671.31	6,447,395
151016-PWOD Forrest Street Ash Site Tree Planting - Conservation and Resource Mg	All Activity Values	5,994.50	-	5,994.50	-
151132-PWOD County-Wide Tree Prog-Active Parks - Conservation and Resource Manag	All Activity Values	532,545.04	-	-	532,545
151135-PWOD County-Wide Tree Prog-Preservation Parks - Conservation and Resource	All Activity Values	514,854.00	-	-	514,854
154006-PWML Tree Maintenance - Other Physical Environment	All Activity Values	371,041.63	(16,673.44)	18,312.70	369,402
154007-PWML 630-City Tree Planting Prog - Other Physical Environment	All Activity Values	1,517,703.84	3.00	521,106.84	996,594
154008-PWML Patton Rd And Beach Blvd Tree Planting - Conservation and Resource M	All Activity Values	9,428.34	-	9,428.34	-
154009-PWML Zoo Landscaping-Asian Exhibit - Conservation and Resource Management	All Activity Values	1,031,432.38	-	-	1,031,432
191015-JXSF Conservation and Resource Management	00000981-Tree Protection & Related Expenditures-Activity	2,266,375.86	-	-	2,266,376
All Center Values	All Activity Values	15,931,766.23	44,721.28	3,713,513.69	12,158,599

Available Balance, Revenues, and Expenditures by month
12/13/2021

	<u>Dec-21</u>	<u>Nov-21</u>	<u>Oct-21</u>	<u>Sep-21</u>	<u>Aug-21</u>	<u>Jul-21</u>	<u>Jun-21</u>	<u>May-21</u>	<u>Apr-21</u>	<u>Mar-21</u>	<u>Feb-21</u>	<u>Jan-21</u>	<u>Dec-20</u>	<u>Nov-20</u>	<u>Oct-20</u>
15304-Tree Protection & Related Expenditures															
Cash	24,280,548	24,332,781	24,154,812	24,120,871	24,273,314	24,208,120	24,233,628	24,296,712	24,238,457	24,580,027	24,217,101	24,380,497	24,913,953	25,069,341.05	25,336,840.03
Liabilities			(69,370)	289,152	-	-	(0)	(62,366)	(11,748)	(66,234)	(18,672)	-	(709,486)	(25,981)	(252,331)
Budget	(15,931,766)	(15,931,766)	(15,931,766)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)	(16,566,131)	(16,566,131)	(16,566,131)	(14,566,131)	(12,566,131)	(12,566,131)
BUDGET RESERVE	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21
Actual Expenditures	3,044,627.27	4,221,355.76	4,442,713.46	4,960,734.43	4,821,678.51	4,521,276.22	4,249,173.55	4,049,324.26	3,778,801.33	3,002,702.13	2,651,436.47	2,251,423.91	1,965,607.11	737,722.07	475,268.37
Net Budgeted Expenditures	(9,186,108.75)	(8,009,380.26)	(7,788,022.56)	(9,904,366.49)	(10,043,422.41)	(10,343,824.70)	(10,615,927.37)	(10,815,776.66)	(11,086,299.59)	(9,862,398.79)	(10,213,664.45)	(10,613,677.01)	(8,899,493.81)	(8,127,378.85)	(8,389,832.55)
Available Balance Total	15,094,439	16,323,401	16,297,420	14,505,656	14,229,891	13,864,295	13,617,700	13,418,569	13,140,409	14,651,394	13,984,764	13,766,820	15,304,973	16,915,981	16,694,677
Revenues	12,030	283,308	224,556	28,883	365,596	246,595	199,131	278,160	489,015	666,630	217,944	461,847	301,590	289,638	223,252
Expenditures	51,157	41,096	(42,753)	139,056	300,402	272,103	199,849	270,523	776,099	351,266	400,013	285,817	1,227,885	262,454	475,268
15305-Tree Mitigation & Related Expense															
Cash	6,976,015	6,970,015	6,948,403	6,871,102	6,838,495	6,724,585	6,682,138	6,664,975	6,590,547	6,751,737	6,710,976	6,619,185	6,645,231	6,586,416	6,481,899
Liabilities				-	-	-	-	-	-	(218,961)	-	-	-	-	-
Net Budgeted Expenditures	(45,598)	(45,598)	(45,598)	(45,598)	(45,598)	(45,598)	(48,919)	(48,919)	(48,919)	(48,919)	(48,919)	(48,919)	(48,919)	(48,919)	(48,919)
Available Balance Total	6,930,417	6,924,417	6,902,805	6,825,504	6,792,897	6,678,987	6,633,219	6,616,056	6,541,628	6,483,857	6,662,057	6,570,266	6,596,312	6,537,497	6,432,980
Revenues	6,000	21,612	62,619	32,607	113,910	45,768	17,163	74,428	57,771	(178,200)	91,791	(26,046)	58,815	104,517	73,974
Expenditures	-	-	-	-	-	3,321	-	-	-	-	-	-	-	-	-

Recent Expenditure Appropriations impacting available balance

<u>Fund</u>	<u>Budget Period</u>	<u>Total Budget</u>	<u>Description</u>
15304	10/19/20	2,000,000	Ord. 2019-745 Countywide program - public right of ways
15304	Jan-20	2,000,000	Ord. 2019-880 - Level 2 Tree Planting Program
15304	Feb-20	2,000,000	Ord. 2019-886 - 630-CITY Level 1 Tree Planting Program
15304	Apr-20	72,298	Ord. 2020-0114 -Level 3 Planting - project near Sulzbacher Village Apartments
15304	Apr-20	105,587	Ord. 2020-113 - Level 3 Tree Planting project at Huguenot Park
15304	Jun-20	1,000,000	Ord. 2020-213 - Level 3 Tree Planting Program
15304	Dec-20	2,000,000	2020-0616-E to "630-City Tree Planting Program" to Provide Tree Planting Administered by Public Works in the Public Rights-of-Way in Locations Where Adjacent Property Owners Have Made Requests thru 630-City
15304	Jan-21	2,000,000	2020-0732-E ORD Approp \$2,000,000.00 from the Tree Protection & Related Expenses Trust Fund, 15304, for the Level 2 County-Wide Prog to Provide Tree Planting on Public Land in Duval County Suggested by Individuals or Groups
15304	April -21	2,000,000	2021-0144-E - ORD Approp \$2,000,000 from the Tree Protection & Related Expenses Trust Fund, Fund 15304, for the County-Wide "Remove and Replace" Prog; 2021-0455-E - ORD Approp \$2,000,000.00 from the Tree Protection & Related Expenses Trust Fund, Fund 15304, for the Level 2 County-Wide Prog to Provide Tree Planting on
15304	9/12/21	2,000,000	Public Land in Duval County