

Jacksonville Tree Commission

Thursday, June 14th, 2018 – 12:00 PM

117 West Duval Street, Third Floor, Conference Room C

Commissioners: John Crescimbeni, Chair
Curtis Hart, Vice Chair
Chris Flagg
Aaron Glick
John Pappas
Rhodes Robinson

Advisors: Sondra Fetner
Richard Leon
Kathleen McGovern
Joel Provenza

Staff: Cindy Chism

AGENDA

Order of Agenda is Subject to Change

A. Call to Order and Verification of Quorum

1. Roll Call
2. Submittal of Speaker's Cards
3. Approval of minutes from May 24, 2018 meeting
4. Fund balance and encumbrance report for 15(F) and 15(N)
5. Status of Pending Tree Projects

B. New Business

1. Link to Urban Tree Canopy and Stormwater Mitigation Grant - Green Infrastructure Center (GIC)
2. North Main Street project – Richard Leon, Aaron Glick
3. Outline from Davey Tree on type of projects which would work with volunteers and those that would not including specific requirements and restrictions – CM Crescimbeni
4. Results of meeting with ETM – John Pappas
5. Draft legislation of recommendations from the Shade Tree Subcommittee (a, b, c, and h) for submission to the Mayor's Office – Sondra Fetner
6. Tier I Application – Sondra Fetner
7. Continuation of Not-For-Profit Application Process – Sondra Fetner

C. Public Comment

D. Adjournment

Jacksonville Tree Commission
Meeting Minutes June 14, 2018
Approved June 28, 2018

Commissioners

Present: John Crescimbeni, Chair
Curtis Hart, Vice Chair
John Pappas
Chris Flagg

Staff: Cindy Chism

Public: John November, Public Trust
Dave, McDaniel, Public Works, COJ
Joe Anderson, JEA Vegetative Mgmt
Tom Larson, Sierra Club, Public Trust
Tracey Arpen, Greenscape
Dalton Smith, Public Works, COJ
Karen Firehock, GIC
Chris McCormick, GIC
Shannon Blankenship, St John's Riverkeep
Teresa Eichner, Budget Office, COJ

Advisors: Sondra Fetner, OGC
Richard Leon, Urban Forest Manager
Kathleen McGovern, City Arborist
Joel Provenza, Accounting

A. Meeting was called to order by Chair at 12:00 PM.

1. All present introduced themselves
2. Submittal of Speaker's Cards
3. Motion made by Mr. Hart, seconded by Mr. Pappas, to approve minutes from the meeting of May 24, 2018. None opposed.
4. Fund balance and encumbrance report for 15(F) and 15(N) (Attachment A)
 - a. CM Crescimbeni referenced an email sent to him from Sam Mousa (Administration)(Attachment B) regarding the Better Jacksonville Plan which contains approximately 1.7 million for tree planting. Since we cannot transfer between funds there is now a line item in the Better Jacksonville Plan for tree planting. **Ms. Eichner will determine if a line item should be added to the website as well as the fund balance report. Also if there are any restrictions on the funds.**
5. Status of Pending Tree Projects (Attachment C), changes are in green.

B. New Business

1. Urban Tree Canopy and Stormwater Mitigation Grant - Green Infrastructure Center (GIC) (Attachment D).
 - a. Green Infrastructure Center wrote a grant to the Forest Service to fund a study with eleven communities to determine how well the urban forest is helping to soak up stormwater in cities. All City codes, ordinances, policies and practices will also be

- evaluated for permeable or impermeable, i.e., excessive parking standards would be impermeable. Recommendations for improvement will be shared with the City.
- b. Mr. Pappas asked if the tool used for nitrogen reduction associated with the trees was approved through any regulatory agency. Ms. Firehock responded that they will provide a report to the City in a format which could be used for reporting but that they do not report to any regulatory agency.
 - c. Ms. Fetner recommended that attendance of any meetings related to the Urban Tree Canopy and Stormwater Mitigation grant be limited to only one Tree Commissioner.
2. North Main Street project (Attachment E) – Richard Leon, Aaron Glick
 - a. **Mr. November said Mr. Glick had requested a meeting with the businesses on North Main Street but is unaware of when that meeting is scheduled.**
 - b. Mr. Leon provided some pictures of current problems on North Main Street (pages 1-7).
 - c. CM Crescimbeni asked when this project is scheduled to begin. Ms. McGovern replied possibly in late July.
 3. Outline from Davey Tree on type of projects which would work with volunteers and those that would not including specific requirements and restrictions (Attachment F) – CM Crescimbeni
 - a. Davey Tree said they would provide one employee for every five volunteers in planting trees (no larger than 15 gallons) and would assist in planting, watering and mulching at no additional cost for a period of one year.
 4. Results of meeting with ETM – John Pappas
 - a. Mr. Pappas said the decision was made to keep a database within our GIS system once the trees have been planted. This will serve as the maintenance database and Plan-it GEO will be the planting plan. As we are identifying public properties and parcels, the information will transfer to Plan-it GEO for planning so they can use it as a palette for potential new projects.
 - b. CM Crescimbeni asked if the GIC Report (Stormwater Mitigation Grant Project) will interface with Plan-It GEO. Mr. Pappas responded the GIC report is more of a tool to use “with” Plan-It GEO.
 5. Draft legislation of recommendations from the Shade Tree Subcommittee (a, b, c, and h) for submission to the Mayor’s Office – Sondra Fetner
 - a. **Mr. Hart said another meeting will be scheduled to include a member of the Landscape Division at the beginning of July.**

- b. Ms. Fetner explained that as she began to draft the recommendations into the landscape code, there were some unintended consequences which triggered other issues which would need to be resolved.
- c. Mr. Hart also added that many of the concerns from the Landscape Division were related to interference with JEA's power lines.
- d. CM Crescimbeni advised that he has been in meetings with a group of Council Members regarding Planned Unit Developments. There was discussion about having the Planning and Development Department look back at the PUDs for the past couple years and plot how they deviated from traditional zoning requirements. Ms. Fetner asked if the meetings were concerned with the zoning code overall. CM Crescimbeni confirmed they are. **Ms. Fetner will meet with Susan Grandin and determine if these meetings will have any impact.**

6. Tier I Application (Attachment G) – Sondra Fetner

- a. The consensus was that the Tier 1 Application was more of a suggestion form. However, whether the Commission or Administration reviews these applications is still to be determined.
- b. Mr. November asked if there would be a standard process for when these forms can be submitted to the Commission. Ms. Fetner suggested a monthly report of tree planting suggestions could be given to the Commission.
- c. CM Crescimbeni proposed the form be on the Tree Commission webpage as a fillable pdf that could be submitted electronically, as well as a printable form that could be mailed to staff. Mr. Leon agreed; giving a report regarding submissions to the Commission was logical. Mr. Hart suggested a threshold be set, such as less than ten trees or a specific dollar value. CM Crescimbeni suggested the Commission get the monthly reports. **Ms. Fetner and CM Crescimbeni will refine the form further.**

7. Continuation of Not-For-Profit Application Process (Attachment H) – Sondra Fetner

- a. A Courtesy Application Review period was added as requested. A specific date was selected instead of using, for instance, the second Tuesday of the month.
- b. A question arose as the scoring process was developed; how will scores from different sessions be compared? If there are three applications in session one but only one is funded, do the remaining two stay on the list until funded or do they need to resubmit in the second session?
- c. CM Crescimbeni asked Mr. Pappas about the pavement resurfacing list. Mr. Pappas said it is an ever-growing list. The projects Public Works has funding for are identified, and as they start getting new projects, they will be set for the next year.

- d. All projects will be on the list even with a low score. The Mayor may not want to fund the low scoring projects. Mr. Leon suggested a yearly purge. Ms. Fetner suggested perhaps the Mayor's Budget Review Committee could be tasked with providing a definitive answer.
- e. Mr. Larsen suggested the applicant whose project scored low be allowed to resubmit the following year. The project would come off the list but the application could be resubmitted. Mr. November thought in addition to a score, the process would provide an approval, approval with conditions, or denial.
- f. Ms. Fetner clarified that because this is the Mayor's Commission, this body cannot simply deny something. The option is to recommend denial but it will still have to go to the Mayor's Office for final decision. The application cannot stop with this Commission unless the applicant decides to pull the application or the Mayor revokes it. CM Crescimbeni proposed that the Mayor's Budget Review Committee have the final decision. Once the Mayor's Budget Review Committee has denied the application, the application will come off the list. The project is eligible for resubmittal the following round.
- g. Proof of currently operating in Duval County, in addition to the sunbiz.org entry and affidavit already required; a list of notable projects or work conducted in Duval County has been added.
- h. Solicited bid process is currently being reviewed by Procurement.

C. Public Comment

Mr. Joe Anderson – The Council Quarterly (Attachment I) has an article regarding the Tree Commission on page 3. I did meet with the Springfield Business Community and discussed with them how to prune and how not to prune trees as well as some available resources.

Mr. John November – In 2008 Mowing & Landscape Division was awarded \$1.5 million for countywide tree planting which has now all been spent. Larger tree planting projects will still need to go through the process but currently there are no funds in the budget for smaller projects. Mr. November is hoping the Commission could have a discussion about a general appropriation for small countywide projects to allow the urban forestry staff the resources to do what they were hired to do. There is transparency now with very clear guidelines per the Grandin memo. CM Crescimbeni said a discussion is possible but this body has no ability to appropriate funds. Mr. November elaborated, the idea is to move tree fund dollars to a specific account for small-scale, countywide planting projects. Mr. Pappas expanded: instead of having to go through Council for each project, which is the current process, having the funds allocated to an account would streamline funding for these small projects. Mr. McDaniel added that any monies could still draw interest if the account is set up to do so. Mr. November believes a recommendation from the Commission would carry more weight.

D. Action Items

Ms. Eichner will determine if a line item for the BJP funds should be added to the website as well as the fund balance report. Also if there are any restrictions on the funds.

Mr. Glick will reach out to the Springfield Preservation and Revitalization Council and get some feedback about the North Main Street Planting.

Mr. Hart said another meeting will be scheduled to include a member of the Landscape Division at the beginning of July.

Ms. Fetner will meet with Susan Grandin and determine if the PUD meetings will have any impact on the Shade Tree Subcommittee Recommendations.

Ms. Fetner and CM Crescimbeni will refine the Tree Planting Suggestion form further.

E. Meeting Adjourned at 1:39

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
Subfund 15f Revenue							
PWOD15FTRP	TREE PROTECTION & RELATED EXPENSES	29,393,687	40,864,233		11,470,546		11,470,546
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	7,535,414	8,565,311		1,029,897		1,029,897
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	-	8,580		8,580		8,580
TRN15FFR31R	TRE TO 15F TREE PROTECTION FR 31F	392	392		-		-
	CONVERSION AND NONCASH REVENUE ENTRIES		338,836		338,836		338,836
	Total Subfund 15f Revenue	36,929,493	49,777,352		12,847,859		12,847,859

*** Subfund 15f Expenditures**

PWOD15FARATP	SANDALWOOD TREE REPLACEMENT PROJECT	13,796	12,416	1,380	-	-	-
PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING	587,850	581,856	5,995	-	-	-
PWOD15FNMS	NORTH MAIN STREET LANDSCAPING	62,057	40,000	22,057	-	-	-
PWOD15FB0AS	BROWN'S DUMP ASH SITE TREE/PLANTING	364,730	342,361	22,370	-	-	-
PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING	494,215	376,792	117,423	-	-	-
PWOD15FD0CS	DUVAL COUNTY SCHOOL BOARD PROPERTY	125,000	784	124,216	-	-	-
Subfund 15f Expenditures							
PWOD15FHRDA	TREE PLANTING - HARTS RD. AT DUNN AVE	23,718	18,975	4,744	-	-	-
PWOD15FDTP	DOWNTOWN TREE PLANTING	38,822	-	38,822	-	-	-
PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT	1,824,408	689,345	1,135,063	-	-	-
PWOD15FMSW	MINDANAO FR ALOHA DR TO WITCHHAVERN ST	9,710	9,710	-	-	-	-
PWOD15FIBCL	INTERSEC.BRIDGE,MISC 09/10 LANDSCAPING	100,000	65,231	15,483	19,286	-	19,286
Subfund 15f Expenditures							
PWOD15FR0W	COUNTY-WIDE TREE PROG-RIGHT OF WAY	4,679,980	4,612,697	36,528	30,756	-	30,756
Subfund 15f Expenditures							
PWM15F	TREE MAINTENANCE	1,761,795	1,421,281	323,342	17,172	-	17,172
PWOD15FATPP	AVONDALE TREE PLANTING PLAN	31,233	-	31,233	-	-	-
Subfund 15f Expenditures							
PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK	85,366	-	85,366	-	-	-
PWOD15FHMM	HAMMOND BLVD PROJECT	175,761	-	-	175,761	-	175,761
PWOD15FVPP	COUNTY-WIDE TREE PROG-PRESERVATION PARKS	1,000,000	485,146	-	514,854	-	514,854
PWOD15FVAP	COUNTY-WIDE TREE PROG-ACTIVE PARKS	1,151,965	619,420	-	532,545	-	532,545
Subfund 15f Expenditures							
PWOD15F0SABP	OLD ST.AUG AT BARTRAM PARK	18,364	-	18,364	-	-	-
PWOD15FTP	TREE PROTECTION & RELATED EXPENSES	3,548,513	2,097,444	-	1,451,069	1,449,105	1,964
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	2,000,635	-	-	2,000,635	2,000,635	-
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	2,365,741	-	-	2,365,741	2,365,741	-
	Subfund 15f Expenditures	20,463,658	11,373,456	1,982,383	7,107,819	5,815,481	1,292,338

* Includes accounts with encumbrances and budget balances

Unencumbered Budget Balance

Revenues

Expenditures

Unencumbered Balance net of Reserves

Subfund 15f Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)

12,847,859
7,107,819
(1,292,338)
18,663,340

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
PW0015NNTM	Subfund 15N Revenue	173,306	4,121,261	-	3,947,955	-	-
	TREE MITIGATION & RELATED EXPENSES	173,306	4,121,261	-	3,947,955	-	-
	Total Subfund 15N Revenue						
PW0015NARTS	*Subfund 15N Expenditures						
	AVONDALE/RIVERSIDE TREE SURVEY	39,999	39,999	-	-	-	-
PW0015NBTP	BAKERSFIELD DRIVE-TREE PLANTING	8,306	7,475	831	-	-	-
JXSF15N	TREE MITIGATION & RELATED EXPENSE	1	-	-	1	1	-
	Subfund 15N Expenditures	48,306	47,474	831	1	1	-
	* Includes accounts with encumbrances and budget balances						
	Subfund 15N Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)						3,947,956

From: Mousa, Sam
Sent: Thursday, June 14, 2018 8:33 AM
To: Crescimbeni, John
Cc: Pappas, John; Fetner, Sondra
Subject: Tree Mitigation Funding

Good morning, Councilman Crescimbeni:

I am unsure what sort of tree mitigation fund financial reports the Tree Commission is receiving at your commission meetings, but I did want to bring the following to your attention in the event you are not aware.

The Better Jax Program contains some \$1.7 (plus) million dollars for tree planting. If you recall, BJP owed the tree mitigation fund (BJP was basically given credit) when BJP funding went south during the great recession. Since that time, BJP has paid the credit, but the pay back was maintained in the BJP program. Cannot transfer funds from one program to another. There is now a line item funding account in the BJP program that contains the \$1.7 million and may be immediately spent for tree planting, etc.

Again, unsure if you knew this or if it had been reported.

Let me know if you have any questions.

Thanks.

Sam

Sam E. Mousa
Chief Administrative Officer
Office of Mayor Lenny Curry
City Hall/St. James Building
117 W. Duval Street
Jacksonville, Florida 32202
Office: 904-630-7211
Mobile: 904-813-0243

CITY OF JACKSONVILLE TREE PLANTING PROJECTS - ACTIVE

See jaxtree.mitigation.coj.net - Tree Fund City Projects for links to legislation and planting details

CD	Project Title	Project Scope	Project or Ordinance Number	Division/Project Manager	Estimated Cost	Actual Cost	Anticipated Start Date	Actual Start Date	Anticipated Completion Date	Actual Completion Date	Status
7	Main Street	Tree removal and Planting on N. Main St. between 1st St. and 7th St.	2017-0111-E	Public Works - Mowing and Landscape Richard Leon/Fred Pope	\$22,057.00						Scheduling
7	Harts Rd & Dunn Ave. Medians and Streetscape in Downtown Jacksonville	5 Date Palms to be planted on two medians on Harts Rd. at the cross street of Dunn Ave. (Phase 1) 8 Date Palms to be planted as replacements in Downtown Jax (4 on Riverside Ave., 2 on Adam St. W, 1 on Forsyth St W, 1 on Monroe St) (Phase 2) 13 Date Palms total. Includes removal of existing Date Palm stumps in city street planting boxes. Introduced by CM Gaffney. Appropriation from Tree Fund 15F.	2018-0007-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$62,540.03	\$62,540.03	Phase 1 4/10/2018 Phase 2 4/25/18	Phase 1 3/23/2018 Phase 2 4/30/18	Phase 1 6/11/18 Phase 2 6/11/18	6/11/2018	Project and Inspection Complete 6/11/18
6	Old St. Augustine Rd Medians	Two median tree plantings on Old St. Augustine Rd. from Bartram Park Blvd to entrance of Palmetto Leaves Park South. (No removals) Introduced by CM Schellenberg. Appropriation from Tree Fund 15F.	2018-0043-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$18,364.21		4/20/2018	6/1/2018			In Progress
14	King Street	King St. from College St to Park St., replacement planting on nine medians and sidewalk cut-outs. Introduced by CM Love. Appropriation requested from 15F.	2018-0159-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$85,366.23		5/11/2018	5/11/2018			In Progress
4	Patton Rd/Beach Blvd. -Southside	Right of Way Plantings on two adjacent sites at the intersection of Patton Rd. and Beach Blvd. (no removals). Introduced by CM Scott Wilson and through citizen request. Appropriation requested from 15F (\$19,138.05) and 15N (\$18,250.20)	2018-0190	Public Works - Mowing and Landscape Dave McDaniel/Kathleen McGovern	\$37,398.25						Introduced 3/27/2018, Deferred pending changes
14	Avondale Neighborhood - Tree Planting Plan 15F.	Tree Planting in City ROW on residential streets in Avondale replace dead/storm damaged trees. Introduced by CM Love. Appropriation requested from 15F.	2018-0273-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$31,232.60						In Progress
4	Lenox Ave. Tree Planting	Tree Planting in City ROW tree planting (no removals) on Lenox Ave. from Shen Ave to Cassat Ave. Introduced by CM Dennis, Appropriation requested from 15F	2018-0307	Public Works - Mowing and Landscape Dave McDaniel/Kathleen McGovern	\$26,435.84						Submitted 5/2/2018
7	Harts Rd. Medians and Right of Way	Tree Planting in City ROW and medians. Introduced by CM Gaffney	2018-0369	Public Works - Mowing and Landscape Dave McDaniel/Kathleen McGovern	\$31,265.81						Submitted 6/9/18

*Changes highlighted in green

Project Overview

Project Title: Protecting and Restoring Urban Tree Canopy for Stormwater Management

What is This Project?

The state of Florida is one of seven southern states that has received funding to carry out a project to link urban tree canopy to stormwater mitigation, specifically for cities with Municipal Separate Storm Sewer Systems (MS4). The project will help southern cities utilize their urban forests as a vital tool for managing and reducing stormwater runoff. Excessive stormwater runoff accounts for more than half of the pollution in America's surface waters and causes increased flooding and property damages as well as public safety hazards.

Valuing the benefits of the urban forest helps us to better understand the contribution of trees to the 'ecosystem services' that trees provide such as cleaner water, air, shade, stormwater uptake and aesthetic values. An important feature of ecosystem services is that they often provide cost savings over the construction and use of traditional grey infrastructure.

Cities who participate in this project will show leadership by being innovators for effective, greener stormwater management. They will be able to showcase their work across their states and receive regional and national recognition for this work. They will also learn new tools, techniques and strategies for being effective stewards of their environments and effective managers of public resources.

Why has the Project Been Funded?

Rapid urbanization and climatic fluctuations have led to increased risk of flooding and degraded water quality in cities. Trees can be utilized as a key strategy for addressing this problem. Trees intercept, store and transpire stormwater and are a vital tool in abating and cleaning stormwater runoff. One urban tree can intercept thousands of gallons of water annually. But while the benefits of trees are well known, most cities do not include trees as a component of their stormwater management strategies.

The U.S. EPA, under the Clean Water Act, requires cities with separate storm sewers to develop programs to manage this runoff in order to reduce nonpoint source pollution (see box). Cities must also have best management practices to abate runoff.

This pilot project will demonstrate why and how cities can utilize their urban forests as a vital component of their 'green infrastructure' and use their trees as a best management practice. This project will help cities map, evaluate, protect and restore their urban forests to achieve better stormwater management and clean water.

According to American Forests, trees in metropolitan areas across the country provide a stormwater retention value of \$400 billion by removing the need to construct and maintain traditional retention facilities (American Forests 1997). In addition, national studies indicate that land conserved for stormwater retention and flood prevention "show an eight-to-one dollar savings ratio versus man-made flood-control structures" (McDonald 2015). In a 1999 report, the Trust for Public Land estimated that 27 percent of the total land area of Atlanta was covered by trees, providing \$15 million in annual air quality benefits and \$883 million in savings by removing the need for traditional stormwater retention infrastructure (Lerner and Poole 1999). By increasing tree cover to 40 percent of total land area, the report anticipated an additional \$7 million in economic benefits to air quality and \$358 million in stormwater retention savings (Lerner and Poole 1999). These are just some of the many examples of statistics that have been calculated concerning the benefits of the urban forest. However, in order to realize these financial savings, the greatest need today is to find ways for cities to better integrate trees into their stormwater management programs.

How Long Will This Take?

The project is estimated to take 14-18 months, dependent on when the city is ready to begin (fall 2016 possible).

Who Can Participate as a Partner City?

Seven states -- VA, NC, SC, GA, FL, AL and OK -- from across the Southern Region of the USDA Forest Service have been awarded funds to provide cities with technical assistance to achieve this goal. Each state will select 1-2 cities to participate in the project. The project will evaluate each city's urban tree canopy and determine how to best incorporate their urban forests into the city's stormwater management programs (i.e. Municipal Separate Storm Sewer

Polluted storm water runoff is often transported to municipal separate storm sewer systems (MS4s) and ultimately discharged into local rivers and streams without treatment. EPA's Stormwater Phase II Rule establishes an MS4 stormwater management program that is intended to improve the Nation's waterways by reducing the quantity of pollutants that stormwater picks up and carries into storm sewer systems during storm events. Common pollutants include oil and grease from roadways, pesticides from lawns, sediment from construction sites, and carelessly discarded trash, such as cigarette butts, paper wrappers, and plastic bottles. When deposited into nearby waterways through MS4 discharges, these pollutants can impair the waterways, thereby discouraging recreational use of the resource, contaminating drinking water supplies, and interfering with the habitat for fish, other aquatic organisms, and wildlife.

In 1990, EPA promulgated rules establishing Phase I of the National Pollutant Discharge Elimination System (NPDES) stormwater program. The Phase I program for MS4s requires operators of "medium" and "large" MS4s, that is, those that generally serve populations of 100,000 or greater, to implement a stormwater management program as a means to control polluted discharges from these MS4s. The Stormwater Phase II Rule extends coverage of the NPDES stormwater program to certain "small" MS4s but takes a slightly different approach to how the stormwater management program is developed and implemented.

Systems (MS4). Each state forestry agency will nominate the cities to participate. Each city will need to agree to participate and provide matching efforts in the form of staff time, meeting rooms or other in-kind contributions.

What Will the Partner Cities Get for Participating?

The primary outcome is a process for integrating trees into the city's stormwater management program. This process will be developed during the project with significant input by the participating cities and be described in a project case booklet produced at the end of the project. Ultimately, each city will have a more strategic and effective process for combating stormwater runoff.

In addition to a developed process, each city will get:

- ✓ Updated tree canopy and impervious land cover map used to map current canopy and analyze runoff, stormwater benefits and potential for mitigating stormwater (map and in GIS digital format) + metadata.
- ✓ Potential planting areas map (digital GIS) used for strategic planning to set future canopy goals.
- ✓ Codes and Ordinance Audit for urban trees to facilitate better management and care.
- ✓ Workshops with local committees to provide education and solicit input.
- ✓ Model ordinance language or other program/policy documents for using trees to meet stormwater regulations.
- ✓ Written step-by-step- strategy and methodology for linking urban forest systems to urban MS4 requirements for each of the specific partner city(s).
- ✓ Case study of the project suitable for sharing at workshops, with elected and appointed officials and other agencies and stakeholders.

In addition to the outcomes listed above, by better evaluating and planning for its trees, cities will also realize other 'ecosystem services' of the urban forest such as cleaner water, air, aesthetic values, open space, walkable and bikable streets, safer pathways, improved climate for businesses and better real estate values. These other values can also be calculated as part of the project.

What Does the City Need to Have in Place to be Selected as a Partner City?

1. *A willingness to consider using the urban forest for meeting goals for stormwater management.* A process will be developed for each city to follow – it will be up to the city to determine whether to adopt the process.

2. *The right staff in place*: at least one representative from stormwater management (e.g. engineering or public works), planning, GIS staff/department, parks and related agencies to be able to share data and review results. Staff will need to contribute their time to attending meetings (no more than 6 in-person meetings during the project) as well as occasional free webinars to review data created by the project. One staff member needs to serve as the team liaison to work with the project's consultants.
3. A current *MS4 permit*.
4. An *urban forest program* (e.g. a staff arborist, a tree ordinance).

How Much Does Participation Cost?

This is a technical assistance program only, so no funds will be awarded to the partner cities. However, each city will receive up to a thousand hours of services. Each city will need to commit to matching that contribution, which can be done as an in-kind contribution.

Matching funds can be contributed in the form of staff time (salary and fringe), time from the public who attend any presentations, waived fees for meeting rooms and so on. See Appendix B: example matching formula. Cities will submit quarterly matching documentation showing the ways in which they have met their matches and the states will assist in identifying match sources.

Who Provides the Project Services?

The Green Infrastructure Center (GIC) will provide the technical support and project management. They are responsible for preparing all the deliverables. The GIC is a non-profit organization and will be paid by the NCFS Urban & Community Forestry Program. Their staff consist of planners, natural resources managers, foresters, GIS modelers and educators. More information is available at www.gicinc.org.

APPENDIX A: Work Flow

- 1) **Form a technical review committee made up of city agencies** (e.g. planning, engineering, forestry). Convene group for orientation (anticipate at least 4-6 technical meetings over the project year).
- 2) **Capacity Audits** (to be done concurrently).
 - i) **Perform data audit** (assess all data layers available, especially land cover, tree canopy, stormsewer, etc.)
 - ii) **Perform code and ordinance audit** – review whether and how trees can be used for stormwater management as well as how well the city's codes and ordinances protect, expand or restore the urban forest (tree ordinances, landscape codes etc.).
- 3) **Stormwater and trees calculations methods review**: Assess current software (i-Tree, i-Tree Hydro, other reference manuals and models) for determining stormwater uptake. Report results and recommended method.
- 4) **Analysis of current extent of the urban forest**: GIC will utilize current high resolution tree canopy or create new canopy data. Determine city's current canopy coverage and calculate stormwater (and related) benefits. Create Possible Planting Area Analysis (PPA) to determine how much canopy could be expanded. Determine potential future stormwater benefits.
- 5) **Recommendations**: Suggest code changes/incentives/programs that can integrate and utilize the urban forest for better stormwater management.
- 6) **Outreach and education**: Hold community forum(s)/workshops to educate developers, decision makers, community about the proposed approach.
- 7) **Write up recommendations**: Suggest how city can best adopt new programs, codes, processes to better integrate the city's trees as part of their stormwater management program.
- 8) **Sharing the work**: Create a case booklet and a PowerPoint presentation which features each of the seven participating states; detailing the project, methodology, lessons learned and best practices for other cities who wish to do this work. Present the case booklet at: state forestry conferences, the national Partners in

Community Forestry Conference, the American Planning Association, Stormcon (stormwater engineers' conference) and possibly the Water Environment Federation (WEFTech).

APPENDIX B: Grant Match Examples for a small city – large cities use large city spreadsheet

From Locality*	# of people	using only federal volunteer rate **	Hypothetical professional rates (salary & fringe)	Weekly Hours (avg)	Weeks in the year	TOTALS with federal volunteer rate *	TOTALS using likely professional rates **
Planner - Team Leader	1	\$23.07	\$40.00	4	52	\$4,798.56	\$8,320.00
Planner	1	\$23.07	\$35.00	2	52	\$2,399.28	\$3,640.00
City Arborist	1	\$23.07	\$30.00	2	52	\$2,399.28	\$3,120.00
City Engineer	1	\$23.07	\$35.00	2	52	\$2,399.28	\$3,640.00
Parks Director	1	\$23.07	\$35.00	2	52	\$2,399.28	\$3,640.00
Soil and Water District Staff	1	\$23.07	\$35.00	2	52	\$2,399.28	\$3,640.00
Community Review							
Community Workshops	80	\$23.07		2	3	\$11,073.60	\$11,073.60
Facility for Meetings	1	\$100		2	3	\$600.00	\$600.00
Facilities							
		Rental Rate		Hours			
Meeting space		\$60.00		2	10	\$1,200.00	\$1,200.00
Other things to consider adding							
Services							
Printing meeting flyers, maps						\$1,000.00	\$1,000.00
Match from GIC							
On-Line meeting services - web on line						\$500.00	\$500.00
Pro-rata rental for GIC's Office		\$250			12	\$3,000.00	\$3,000.00
Add the value of any non-federal state-funded staff, supplies or office space							
Forester							
Water Quality							
					TOTAL	\$34,168.56	\$43,373.60

Notes

* if the locality is using their offices, include their overhead, office space etc. as match

** if person's professional rate is known to be higher, use the higher professional rate

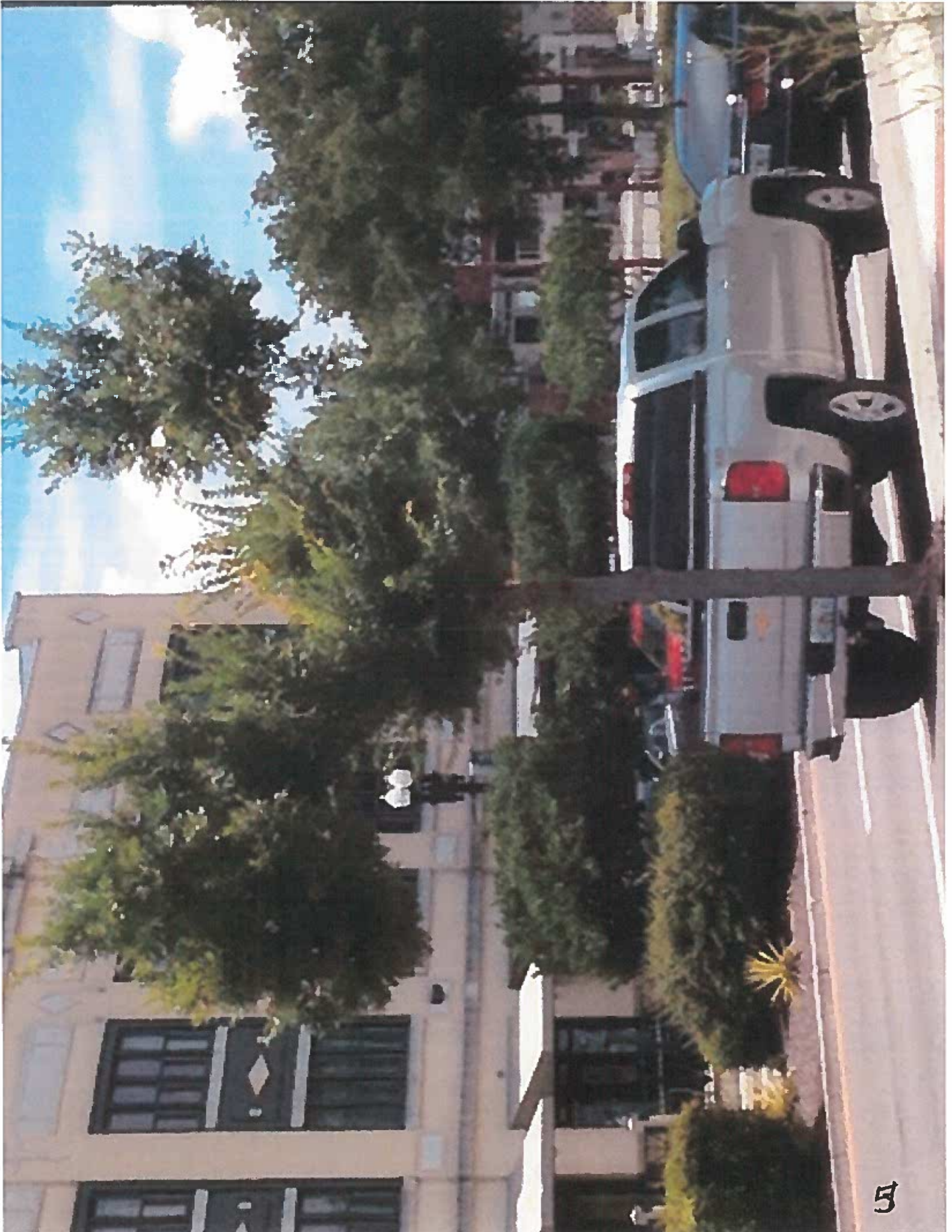
Comments or questions? Contact GIC at 434-244-0322 or firehock@gicinc.org















7



January 20, 2017

THE DAVEY TREE EXPERT COMPANY
8555 Plummer Road
Jacksonville, Florida 32219

To: Richard Leon
City Forester, City of Jacksonville
Public Works Mowing and Landscape Division

Re: COJ- North Main Street

The Davey Tree Expert Company proposes to furnish all necessary labor, materials, and equipment as per specifications from City of Jacksonville Public Works Mowing and Landscape Division.

M.O.T- 3 days (\$375.00 per day)	\$1,125.00
Remove 34 trees (\$145.00 unit)	\$4,930.00
Install 32 Allee Elms 4" (\$479.00 unit)	\$15,328.00
Install 2 Sabals 12'CT (\$337.00 unit)	\$674.00
Total	\$22,057.00

Proposal is valid for 60 days. If a contract or letter of intent is issued within 60 days this proposal valid for duration of project.

Other services available upon request are: pre-construction tree care, tree protection and landscape management.

Respectfully submitted,

Ron Morgan

Ron Morgan
M: 904-545-8142
O: 904-768-8733
F: 904-768-2298
Ron.Morgan@davey.com

Authorizing signature _____ Date _____



-  Sabals- 12'CT
-  Allee 4" Calliper

1st Street



2nd Street

2nd Street



3rd Street



Sabals- 12' CT



Allee 4" Caliper



3rd Street

4th Street



4th Street

5th Street



Sabals - 12' CT

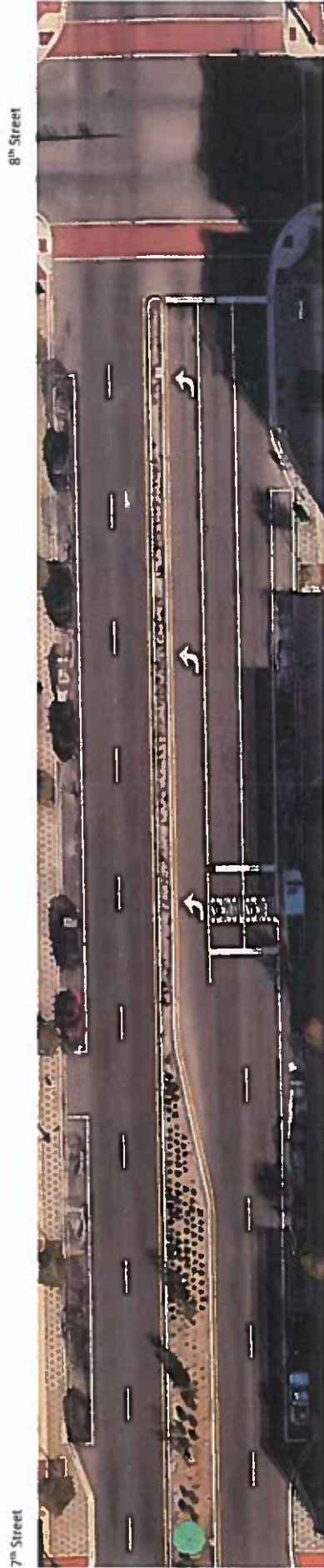


Allee 4" Caliper





-  Sabals - 12' CT
-  Allee 4" Caliper





THE DAVEY TREE EXPERT COMPANY
4563 Sunbeam Road
Jacksonville, Florida 32257

Attachment F

June 14, 2018

To: Kathleen McGovern
Mowing & Landscape Maintenance Division
City of Jacksonville

Re: Davey Tree Volunteer Program

Description of Services

Davey Tree will provide volunteers to the City tree mitigation program for a period of one year.

This program will consist of Davey employees assisting in the Greater Jacksonville Area. Davey will provide in assisting in planting trees no larger than 15 gallons. Will provide one employee for every five volunteers. Assist in planting, watering and mulching at no additional cost to the City of Jacksonville.

Respectfully submitted,

Ron Morgan

M: 904-545-8142

O: 904-768-8733

F: 904-768-2298

Ron.Morgan@davey.com

Authorizing signature _____ Date _____

Suggestion Form For Tree Planting Location

The form below provides citizens/organizations with the opportunity to suggest a location for a planting project that proposes to use funds from the Tree Protection and Related Expenses Trust Fund. If a citizen or organization is interested in suggesting a planting location, but is not proposing to administer the project, then this form should be used. If the citizen/organization is interested in proposing a project that they want to administer, a more comprehensive application can be found at the following link: XXXX. Citizens/Organizations that are suggesting projects are strongly encouraged to contact the City’s Urban Forestry Department at the beginning of the process to request a site visit and/or initial consultation. The Council Member for the district in which the project is proposed should also be notified at the beginning of the suggestion process.

PLANTING PROJECT SUGGESTION FORM

1. Legal Name of Organization or Citizen Making Suggestion:

2. Organization/Citizen Mailing Address:

3. Name & Title of Project:

4. Contact Phone Number: _____

5. Contact Email Address: _____

6. Project Partner Organizations & Businesses/Other Entities Collaborating:

7. Anticipated number of volunteers & organizational staff participating in planting project (optional): _____

8. Location/Address of Planting Project:

9. Have you shared information about the project with the Council Member of the district of the proposed planting project Council by email or US Mail (please provide a copy of correspondence)? _____

10. Describe your suggestion for the project or, alternatively, provide the number, species, and specific location of the design by uploading the proposed design to <https://pg-cloud.com/JacksonvilleFL/#home> or through a similar visual representation of the project:

11. Project Revenues from other funding sources (Optional): If other funding will be contributed to the proposed project, please list known and anticipated sources of funding from all funding sources. Please include whether the funds are collected or committed:

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

NOT-FOR-PROFIT APPLICATION PROCESS FOR TREE FUND PROJECTS

INSTRUCTIONS AND FORMS

I. Introduction and Process Overview

The Tree Commission is an advisory body that encourages and coordinates the efforts of the various public and private entities that are concerned with the conservation and enhancement of the City's Tree Canopy. The Tree Commission is the subject matter expert on the City's tree canopy and is tasked with making recommendations to the City Council, Mayor's Office, City Staff, and community stakeholders with respect to the planting of trees and the health of the City's tree canopy. Pursuant to Sec. 94.106, *Ordinance Code*, the Tree Commission was charged with coordination of planting projects between public and private entities and to review expenditure proposals and plans for planting projects.

The Tree Protection and Related Expenses Trust Funds, as authorized by Sec.111.760, *Ordinance Code*, and Sec. 25.04, *City Charter* ("Tree Funds"), are comprised of funds that are required to be expended on the provision and maintenance of trees and incidental landscaping to such trees, within the City's rights-of-way and on other lands owned by the City, its agencies or authorities, and on all other public lands in Duval County. In an effort to improve the City's canopy, the City will collaborate with not-for-profit organizations to achieve this goal through tree planting projects.

Following the review and evaluation of tree planting projects proposed by not-for-profit organizations, and with the input of the District Councilperson and City staff, the Tree Commission will create a Project Priority List of proposed tree planting projects based on the established criteria and guidelines herein. The Project Priority List will be submitted to the Mayor's Office for review and approval at least three times per year. If the Mayor's Office approves a proposed project on the Project Priority List, legislation appropriating Tree Fund moneys for the proposed project will be filed with the City Council, and the City Council shall make the final decision whether or not to appropriate such funds, pursuant to Sec. 111.760, Ordinance Code.

Regardless of the Tree Commission's recommendation for approval, approval with conditions, or denial, a proposed project will be included on the Project Priority List to ~~This~~

Project Priority List will be presented to the Mayor's Office through the Mayor's Budget Review Committee ("MBRC") process, and, if a proposed project is approved by MBRC, the Office of General Counsel will draft the necessary appropriation legislation and Agreement at the request of the Mayor's Office and file same with City Council who will make the final decision regarding appropriation pursuant to Sec. 111.760, *Ordinance Code*. In the alternative, the Mayor's Office can decide to delay the funding of a proposed project to a later date or decide not to fund a certain project from the Project Priority List. If a proposed project is denied by the Mayor's Office, no further action on it shall be made, unless at the complete discretion of a Councilperson at the request of the Applicant.

If a citizen or organization is interested in suggesting a planting project to be administered by the City, then a streamlined application can be found at the following link: XXXX. The proposed project will be evaluated by the Tree Commission and included in the Project Priority List submitted to the Mayor's Office.

II. Application Process

A. **Application Schedule.** The Tree Commission will review and create a recommended Project Priority List for the Mayor's Office for project funding three times per year. The Tree Commission's review of projects will follow, if possible, the below schedule. All deadlines end at 5:00 PM on the specified date below. If a date listed below falls on a weekend or a legal holiday, the effective date shall be next business day. ~~At the completion of each Award Session, Tree Commission Staff will prepare and present the Project Priority List to the Mayor's Office for approval of appropriation.~~

Award Session	<u>Courtesy Application Review Period</u>	<u>Applications Deadline</u>	<u>Staff review due</u>	<u>Commission Meeting</u>
1	<u>November 1 through 5 business days prior to Application Deadline</u>	4th Tuesday of January <u>January 2</u>	4th Wednesday of January <u>January 31</u>	2 nd meeting in February
2	<u>March 1 through 5 business days prior to Application Deadline</u>	4th Tuesday of May <u>May 1</u>	4th Wednesday of May <u>May 31</u>	2 nd meeting in June

3	<u>July 1 through 5 business days prior to Application Deadline</u>	1st Tuesday of September <u>September 1</u>	4th Wednesday of September <u>September 30</u>	2 nd meeting in October
---	---------------------------------------------------------------------	----------------------------------------------------------------------	-------------------------------------------------------------------------	------------------------------------

Complete Application.

~~B. Applicants must submit complete applications.~~ Applications must be completed by the Application Deadline listed above. More specifically:

1. Applications are deemed complete if all requested and necessary information and documentary proof is provided, as outlined in the document and on the Application.
2. Applicants shall submit applications to the City, by submitting it either electronically or in person to the Mowing & Landscape Maintenance Division, c/o the Urban Forester.
3. A courtesy application review period will take place prior to each Application Deadline to allow applicants to submit applications to Tree Commission staff for review of completeness and to iron out any details missing in the Application. Also, feedback and input from Tree Commission staff may be provided, if time permits.

~~B. Staff Review, to the City, by submitting it to the Mowing & Landscape Maintenance Division, c/o the urban forester.~~

1. ~~Applications may be submitted prior to deadline to allow staff to fully review and iron out any details missing in the Application.~~
2. ~~If a contractor is going to be retained, the Application must include the solicitation for bids from at least five (5) contractors along with the responses.~~
3. ~~If a subcontractor for watering, planting, fertilizing or other major task is going to be retained, the Application must include the solicitation for bids from at least five (5) of the applicable type with the responses.~~
4. ~~If trees or other materials and supplies are going to be purchased by the Applicant directly from a supplier (i.e. nursery), the Application must include pricing quotes from at least five (5) suppliers.~~

C. The Tree Commission staff will review and make a recommendation for approval, approval with conditions, or denial in a Staff Report that will be sent to both the Tree Commission, the District Councilperson, and the Applicant.

D. Application Presentation and Public Hearing. All Applications will be presented for review, deliberation, and final recommendation by the Tree Commission at a public hearing during the above scheduled meetings. Special meetings may be held if needed at the discretion of the Tree Commission.

1. Applicants shall have 10 minutes to present their Application to the Tree Commission at the above scheduled meetings and ~~there each Commissioner shall have up to~~ will be 10 minutes ~~per Application permitted~~ for questions and answers per project.

2. Commissioners shall receive a copy of all Applications and Staff Reports at least 14 days prior to Tree Commission meeting when the Applications will be heard.

E. Project Priority List. Following the Application Presentation(s) and Public Hearing on the Tree Planting Projects, each Commissioner will individually score each Application and the Assistant General Counsel assigned to the Tree Commission will average the total score from each Commissioner for each Application to arrive at a final Score for each Application. The Applications will then be ranked in order of highest average score to the lowest average score. This ranking will be included in the Tree Commission's ~~After recommendation, the~~ Project Priority List ~~is to be presented~~ to the Mayor's Office through the MBRC process. †

F. Mayor Review. At the earliest MBRC meeting that the funding request can be filed, Tree Commission staff will submit and present the Project Priority List for review and If the Mayor's Office approves any or all of the projects, the Office of General Counsel will prepare the appropriation bill(s) and agreement(s) as directed by the Mayor's Office. In the alternative, the Mayor's Office can decide to delay the funding of a proposed project to a later date or decide not to fund a certain project from the Project Priority List. If a proposed project is denied by the Mayor's Office, no further action on it shall be made, unless at the complete discretion of a Councilperson at the request of the Applicant.

Comment [SF1]: how will scores from different sessions be compared? What if there are 3 applications in session 1 but only one is funded? Do the remaining 2 remain on the list until funded or do they need to try again in the second session?

E.G. City Council Review. The appropriation bill(s) and agreement(s) as directed by the Mayor's Office will be filed with City Council for final decision of approval or denial.

III. Certain Communications Prohibited During Application Evaluation Period.

A. During the Application Evaluation Period, an Applicant shall be prohibited from communicating with Tree Commission Commissioners, Tree Commission staff, and other City employees involved with the Tree Planting Project application process regarding an application submitted by such Applicant. For purposes of this Section, the "Application Evaluation Period" shall mean the period commencing on the day immediately following the Tree Planting Project application deadline listed above and ending on the day that the Tree Commission has submitted its scores at the Public Meeting of Tree Commission. This prohibition shall not apply to the following communications:

1. Communications to the Tree Commission staff regarding matters of process or procedure contained herein or in any related documents;
2. Communications during any publicly noticed meeting under Chapter 286, Florida Statutes, including, but not limited to, Tree Commission meetings and subcommittee meetings; and
3. Communications that are necessary and solely related to the ordinary course of business concerning an Applicant's existing Tree Planting Project Contract.

III.IV. Requirements to Apply- Qualifications and Proof:

A. Be a 501(c) not-for-profit organization

1. Attach a copy of the organization's IRS determination letter

B. Registered with the State of Florida and have been in existence for at least one (1) year

1. Attach a status good standing certificate issued by the Florida Division of Corporations evidencing that the Applicant is in good standing and has been in existence for one (1) year prior to the Tree Fund Project application deadline. The certificate must be dated within 60 days of the application deadline and list the requesting agency as a Florida non-profit corporation

(requested from Florida Division of Corporations here: <http://dos.myflorida.com/sunbiz/manage-business/certification/certificate-status-efile/>) ; and

2. Attach proof of active registration with the Florida Department of Agriculture and Consumer Affairs evidencing that the Applicant is allowed to solicit contributions. (requested from the Department here: <https://www.freshfromflorida.com/Business-Services/Solicitation-of-Contributions>)

C. Currently operating in Duval County

Comment [SF2]: this is covered in the affidavit, FYI

C.

1. Attach a copy of Detail by Entity Name from Sunbiz.org
Go to this link:
<http://search.sunbiz.org/Inquiry/CorporationSearch/ByName>
2. Provide evidence of current operation in Duval County by submitting at least one of the following:
 - A list of notable projects or work conducted in Duval County
 - A copy of media publicity identifying work conducted in Duval County (i.e. news article or blog post)

Go to this link: <http://search.sunbiz.org/Inquiry/CorporationSearch/ByName>

D. Have authority to act on behalf of the Applicant

1. Attach Corporate Resolution Certification (form provided in this packet)

E. Have authorization by the owner or operator of the public property in which the planting project is planned

1. Contact the Real Estate Division (904)255-8700 to determine the owner or operator of the public property.
2. Attach the Authorization to Plant Trees (form provided in this packet)
 - If City Right-of-Way, must obtain a Right of Way Permit from the Development Services Division of the Planning and Development Department (website: <http://www.coj.net/departments/planning-and-development/development-services-division/right-of-way-permitting.aspx>) in addition to the form

- If City Park, must obtain authorization from the Parks & Recreation Department
- If School Board property, must obtain authorization from the Assistant Superintendent
- ~~Any other public properties, please call XXXX~~

F. Solicited at least 5 bids and responses from contractors, subcontractors, and major suppliers

~~1. Please list all contractors, major subcontractors (watering, fertilizing, planting) and suppliers (nursery, farms) and their bid proposals/ price quotes, below requirement to solicit at least five (5) of each contractor, subcontractor, and/or suppliers.~~

~~2. Attach copies of all solicitations and proposals as listed below:~~

- ~~If Applicant hires a contractor to perform the substantially all of project, the Application must include the solicitation for bids from at least five (5) contractors along with the responses.~~
- ~~If Applicant is acting as a contractor but is hiring a subcontractor for watering, planting, fertilizing or other major task, the Application must include the solicitation for bids from at least five (5) of the applicable type with the responses.~~
- ~~If trees or other materials and supplies are going to be purchased by the Applicant directly from a supplier (i.e. nursery), the Application must include the solicitation for pricing quotes from at least five (5) suppliers with the responses.~~

~~1. please list all contractors, major subcontractors (watering, fertilizing, planting) and suppliers (nursery, farms) and their bid proposals/ price quotes, below requirement to solicit at least five (5) of each contractor, subcontractor, and/or suppliers~~

~~2. Attach copies of all solicitations and proposals as listed above~~

G. Affirmance that Applicant is in compliance with the terms of all existing City agreements, to which it is a part and in compliance with all federal, state, local laws, rules, regulations and ordinances, as the same may exist from time to time, applicable to it.

1. Attach an executed Tree Fund Project Affidavit (form provided in this packet)

IV.V. Application:

- A. **Qualifications-** Applicant must meet all qualifications and submit the required documents in Paragraph A of the Application.
- B. **General Information-** Applicant must provide General Information in Paragraph B of the Application. Either answer in the spaces provided or use a separate sheet.
- C. **Project Design & Narrative-** This is the part of the Application where the Applicant describes the Project in Narrative Form. The list of items in Paragraph C of the Application are information that is required to be included in the Narrative. Please feel free to get creative in your Application and provide more information than requested.

IV.VI. Application Review- This is the portion of the Application that identifies how the Tree Commission will evaluate and score the Application for the submittal of a recommended priority list to the Mayor's Office. Each application will be scored on a scale of **0 to 140 points**. Assuming multiple applications will be received during each Award Session, these applications will be ranked in order of highest score and included on a recommended Project Priority List to the Mayor's Office for the award of tree funds for the respective projects. The evaluation of the Application will be based on the criteria set forth below and will receive a score out of a total of **140 possible points**.

The Tree Commission staff will review each Application and provide a report and recommendation for approval or disapproval based on the Application and exhibits. This report shall include a Maintenance and Impacts Analysis of the Project. The Staff Report will not include a score for each Application.

When evaluating each application, the Tree Commission shall utilize the information contained in the Application, including the exhibits, Staff Report and all information obtained during the Applicant's presentation for scoring. Each Commissioner will individually score each Application and the Assistant General Counsel assigned to the Tree Commission will average the total score from each Commissioner for each Application to arrive at a final Score for each Application.

A.

1. Design Review

- a. The species of trees are appropriately located

- b. The number and placement of trees are appropriately located
- c. Trees are from the list of acceptable trees are being planted
- d. The overall use of non-shade trees is acceptable
- e. Less than 25% of the total species of trees being planted are palms
- f. The planting will not interfere with utilities or sight line requirements
- g. Only "Florida Friendly" tree species are being planted (see <https://fl.ifas.ufl.edu/plants>)
- h. Only Florida Fancy or Florida #1 grade specimens are being planted
<https://www.freshfromflorida.com/Divisions-Offices/Plant-Industry/Business-Services/Florida-Grades-and-Standards-for-Nursery-Plants-2015>
- i. The project does not include incidental landscaping

2. Cost Review

- a. Project costs are equal to or less than the City's Continuous Contract
 - 1) Tree Commission staff will provide this information. If the contractor responsible for the City's Continuous Contract cannot do the Project, then this requirement is not applicable
- b. The administrative costs for the Project accurately reflect the amount of administrative services necessary and being performed.
- c. The irrigation costs are only for 1 to 2 years
- d. The cost of the species of trees selected do not outweigh the benefit of the trees

3. Maintenance and Impacts Review

- a. Minimum maintenance required after first year, considering the time and money required for fertilizing, pruning, and any other required maintenance
- b. Minimum adverse impacts on infrastructure
- c. Positive Impacts to storm water and ground water
- d. Positive impacts to City's TMDL BMAP

4. Public Benefit Review

- a. The species of trees being planted are beneficial to the City's tree canopy

- b. The Project provides a distinct and unique benefit to the neighborhood, Council District, or City
- c. The Project serves high visibility areas
- d. The Project engages the Community through volunteers or education or other public engagement
- e. The Project is aesthetically pleasing and/or combats blight in blighted areas
- f. The Applicant or Contractor, has experience related to planting trees\

5. Plan-It Geo Objective Criteria Review (will be conducted by staff)

- a. Staff will utilize the Plan-It Geo Web Tool to evaluate the location of the proposed planting project.
- b. The location will be evaluated based on the Census Block ranking (1- 488) developed by Plan-It Geo for the five (5) categories listed below:
 - 1) Urban Tree Canopy Percentage
—Stormwater Benefits
 - 2)
 - 3) Urban Heat Island
 - 4) Socio-Economic Benefits
 - 5) Overall-equally weighted criteria
- c. A maximum of 4 points per category is possible. If a project is on the border of two or more Census Blocks, than the average of the census blocks will be applied to determine a score (e.g. located on the 50th and 300th census blocks, then 175th census block will be applied so that it will receive 3 points). The ranking and corresponding points are as follows:
 - 1) 1st-25th percentile (1-122)- 4 points;
 - 2) 26th- 50th percentile (123-244)- 3 points;
 - 3) 51st-100th percentile (245-366) 2 points
 - 4) 76th-100th (367-488) percentile- 1 point



The Council Quarterly

Attachment I

Quarterly Newsletter of the Florida Urban Forestry Council

2018 Issue One

The Council Quarterly newsletter is published quarterly by the Florida Urban Forestry Council and is intended as an educational benefit to our members. Information may be reprinted if credit is given to the author(s) and this newsletter. All pictures, articles, advertisements, and other data are in no way to be construed as an endorsement of the author, products, services, or techniques. Likewise, the statements and opinions expressed herein are those of the individual authors and do not represent the view of the Florida Urban Forestry Council or its Executive Committee. This newsletter is made possible by the generous support of the Florida Department of Agriculture and Consumer Services, Florida Forest Service, Adam H. Putnam Commissioner.

PLANTING TREE-MINDED PEOPLE IN URBAN SOIL JACKSONVILLE'S CASE STUDY

Submitted by Joe Anderson – JEA Forester

Planting an acorn can be the beginning of something BIG. With a little Florida sun, water, and space to grow, an acorn can create a mighty oak. The expansion of a city's tree care program is just the beginning of something big too. When tree care specialists take root in urban soil, it can be the beginning of great work to combat a daunting task of maintaining an urban forest. If a city is to prosper at all, both the acorn and city stewards must land in fertile soil with favorable conditions and with the space to grow.

The City of Jacksonville (COJ) is the most populous city in the state of Florida, home to approximately 850,000 residents. Miami and Tampa are perhaps the first and second largest metropolitan areas and may easily champion a higher population density per square mile, but overall they have half the population of COJ. The secret to such a sizable population is indeed ample land area. Jacksonville's urban districts, suburban neighborhoods, and rural communities stretch close to 800 square miles—a city fabric that is stitched together with roads, utilities, parks, and right-of-ways, blanketed by a cool, green canopy of trees.

The stewardship over such an expansive collection of trees is a daunting task for any custodian or municipal forester. Perhaps the trees themselves may offer some practical guidance and insight. By observing trees, I learned that it is only natural to increase

your drip line. There are long-term benefits when doing so. When applying the concept to Jacksonville's dilemma, perhaps an urban forestry program should seek to expand its professional influence, or span of control (drip line), over time. Easier said than done. Constraining timelines, budgets, and a slew of competing issues, will limit the capacity of any individual charged with the stewardship of such a complex and expansive tree canopy. COJ's solitary urban forester was never without allies. Deputies can be petitioned from foresters, arborists, and other tree-related disciplines found from other city departments, tree contractors, Cooperative Extension agents, the Florida Forest Service, utility arborists, and tree advocacy groups. Still, in the end, the stewardship of city trees is ultimately his or hers. Fortunately, the goals of allied organizations overlap from time to time, but they are burdened with their own visions and missions. In Jacksonville, a single urban forester can be overburdened in a sea of trouble. Indeed, there's a need to plant more seeds.

If we are going to plant seeds, we will need to prepare the soil with a little "S.O.A.P."—Staff, Ordinance, Advocacy, and a Plan. One of the goals of the Florida Urban Forestry Council is to assist Florida communities to reach a *managing* status with regards to their trees and urban forests. At the *managing* level, a community will have an active urban forestry program with

four primary elements illustrated with the acronym S.O.A.P. They include a professional staff, enforceable tree ordinances, active citizen advocacy, and an urban forestry plan. Communities that do not have all four elements are at various levels of a *developing* community.

Further, Jacksonville is a long-standing *Tree City USA*, a designation awarded by the Arbor Day Foundation and the National Association of State Foresters. To qualify as a *Tree City USA* a community must establish four standards:

1. A Tree Board or Department – legally responsible for the watchful eye over city trees; delegating tasks to professional foresters, arborists, department, or some combination of.

continues on pg. 2

INSIDE:	
Planting Tree-Minded People in Urban Soil: Jacksonville's Case Study.....	1 - 3
President's Message.....	2
Canvassing for Canopy and the Florida Urban Forestry Council ..	5
Stump the Forester	6
Planting, Protecting, Promoting, and Politic?.....	7
Tree of the Quarter.....	8 & 9
2017 Friends of Our Urban Forest Awards Program.....	10 - 12
Members.....	14
Request for Articles	15

PRESIDENT'S MESSAGE

continued from pg. 1



Welcome to 2018 and a new year for Florida's urban forests. Opportunities to improve the designs, plant choices, and maintenance for trees in our landscape abound after the storms of 2017. The FUFUC has a timely education agenda to assist in this work. Our 2018 Urban Forest Institute (UFI), on February 5-7, focused on the preparation and response following natural disasters. The UFI conference brought international researchers

and experienced contractors together to share their recommendations and investigations to help improve the effective management of trees and landscapes in Florida. You are welcome to share your experiences with us too.

As the FUFUC President, my goal is to expand the support for the FUFUC and urban forests across the depth and breadth of Florida's Green Industry. This Council is made up of leading Green Industry professional organizations and individual members (citizen tree advocates and professionals) who are community leaders in advocating the values of trees and urban forests. FUFUC works to understand and communicate the importance of trees for sustainable and resilient communities in Florida and to educate professionals and citizens in managing and maintaining them to be more valuable.

A recent example for the importance of trees is how many communities were spared greater levels and costs of damages by the urban forest canopies buffering the winds and flood waters from Hurricane Irma. We cleaned up much vegetative debris across Florida and are still cleaning up in many communities. **Our trees took the brunt impact of winds, thereby significantly reducing the amount of damage to buildings and homes. Trees are an important part of community infrastructure and can pay us back the investment made for planning, planting, and maintaining them many times over.** As a Landscape Economist, I am very involved with calculating the costs and benefits of trees. The more we learn about trees, the more we learn about our need for trees throughout our lives.

Thanks for continuing to be part of FUFUC and supporting our organization. Together we are expanding and increasing the importance and the values of urban forests in Florida.

Support.

John Harris
FUFUC President

2. A Tree Care Ordinance – Established laws that empower a city to have and enforce local tree-protective rules and regulations, to include, but not limited to, regulatory permits and mitigation policies.
3. A Community Forestry Program supported by an annual budget.
4. An Arbor Day Observance and/or Proclamation celebrating the value of trees and achievements and benefits of the Tree City USA program.

It should be no surprise that the Tree City USA requirements mirror the elements of S.O.A.P. Certainly, a community that reached a managing, developing, or Tree City USA status should seek out opportunity for growth. Like a tree itself, once established its canopy, its dripline, and its circle of influence should expand over time. With it, all the benefits brought to municipal parks, right-of-ways, byways, and quality of life will spread and swell.

The foresight to install a tree protection ordinance into law was essential to COJ's ability to plant, nurture, and expand its professional tree-care staff. Jacksonville has two tandem ordinances that exhibit its tree-protection rules, regulations, and policies:

1. COJ Charter Laws – Standards for Tree Protection, Conservation, and Mitigation
2. COJ Landscape and Tree Protection Ordinance

Tree mitigation is governed by sixteen provisions within COJ's Tree Protection Regulations. Tree replacement is a common form of compensation for the removal of protected trees. In lieu of replacement, an applied fee may be levied that contributes

NEWSLETTER ADVERTISING ANNUAL RATES:

- Business-card size advertisement: \$75
- Quarter page advertisement: \$115
- Half-page advertisement: \$225
- Full page advertisement: \$450

To place an advertisement in *The Council Quarterly*, please contact Sandy Temple, FUFUC Executive Director (407-872-1738).

to tree protection and related tree fund expenses. Over the years, tree funds have grown to several million dollars. The dollars were never intended as a city reserve, or as a savings account. According to local mandates, the funds were to provide for the provision of trees, incidental landscaping, and tree-care operations—the essential elements needed to nourish and expand an urban forest program.

In response to a recent challenge by the Public Trust Environmental Legal Institute of Florida, alleging a lack of transparency, accountability, and implementation of practices that would foster a resilient and sustainable urban tree canopy, City Hall agreed to take several steps aimed at improving the stewardship of its tree canopy and applicable funds, to include:

1. Establishment of a seven-member tree commission - an advisory board to promote the conservation and enhancement of COJ's Tree Canopy.
2. The promise of two additional tree professionals to be added to the City's rank and file.

3. To improve the database and transparency regarding tree fund expenditures.
4. To increase enforcement and penalties for violators of tree protection ordinances.

In January 2018, a newly-formed tree commission was created as an advisory group to encourage and enhance efforts to conserve and improve Jacksonville's urban forestry program. The seven-member team includes one member designated by the City Council President; the Director of Public Works, or designee; three members of the general public appointed by the City Council; and two members appointed by the Mayor. Appointed members are to possess specialized knowledge about trees, the Tree Protection Ordinance, and the impact of construction and urban activities on trees. They might include landscape architects, professional developers, urban planners, attorneys, botanists, certified arborists, foresters, or horticulturists.

Two tree professional positions—an Urban Forest Manager and City Arborist—have been added to the City's rank and file.

Working under the direction of a Senior Urban Forester, they will help oversee the stewardship of COJ's urban tree canopy and the tree fund dollars.

The balance of Tree Fund dollars is now accessible and openly documented on a <https://jaxdigstrees.org> website. The website also includes tree permit information, details of City planting projects, tree inventory web tool, and promotion of community interaction.

The recent enhancement of local, tree-related statutes provides an enriched political, social, and cultural soil needed to support Jacksonville's tree canopy. It increases the drip line—a circle of influence—around the stewardship of COJ's trees. What would have resulted if trees had no protection is not exactly clear-cut, but the likelihood for tree loss, or canopy reduction is clear. With a little Florida sun, right conditions, and space to grow, COJ's newly planted tree commission, and tree care professionals will take root in the urban soil. It can be the beginning of great work to combat a daunting task of establishing a sustainable and resilient urban tree canopy.



OUR TEAM

JOHN HOLZAPFEL, C.A., A.C.T., U.I.
312.238.3477

IRK HOFER, C.A., R.C.A., C.F.
281.622.3714

CHARLIE MARCUS, C.A.
850.577.1993

JAY VOGEL, C.A.
312.238.3456

LEGACY ARBORIST SERVICES

A DIVISION OF N&P'S LANDSCAPE MAINTENANCE & TREE CARE

Tree Risk Assessments	Novel Urban Landscapes
Tree Appraisals	Genetic Analysis
Tree Preservation Tree Excavations	Urban Forest Management Planning
Expert Witness Testimony	Tree Analysis
On Site Tree Preservation	Grant & Title Issues & Permitting
Arborist Tree Removal	Educational Workshops
Rapid Area Management Planning	Urban Forestry Outreach & Programs


CREATING A LEGACY, GROWING YOUR FUTURE SINCE 1974
www.n&p-services.com

Working in Harmony with Nature

Sumter Electric Cooperative has always placed a high priority on the environment by working to stay in harmony with nature. Evidence of SECO's environmental stewardship is displayed through the following programs.

Sumter Electric Cooperative:

- was named a *Tree Line USA* utility for the fourth consecutive year by *The National Arbor Day Foundation*. Employee arboriculture training, public education, and maintaining abundant, healthy trees in SECO's service area are common practices.
- installs osprey nesting dishes atop of the utility pole cross arms as needed for these magnificent birds.
- places squirrel guards atop the transformers to protect a variety of animals from danger, particularly squirrels.
- offers net metering to members interested in renewable generation such as photovoltaic systems.
- recycles retired power equipment, scrap steel, aluminum, copper, porcelain, fluorescent lights, ink printer and copier cartridges, plus much more.
- researches and writes *Nature's Reflections*, a special column in the members' newsletter developed to educate the community on the flora and fauna of Florida with eco-friendly topics like xeriscaping and conservation.



Wedgle® Direct-Inject™ TREE INJECTION SYSTEM

Our advanced technology for tree treatment allows you to

INCREASE THE NUMBER OF TREES YOU TREAT IN A DAY!

- ◆ No drilling damage
- ◆ No mixing at job sites
- ◆ No guarding or return trips
- ◆ No waiting for uptake
- ◆ Treats most trees in five minutes or less!
- ◆ Successful and most profitable add-on service



Multiple injection tips designed for all types of trees, conifers and palms



Insecticides • Fungicides • PGRs • Antibiotics • MicroNutrients

AVAILABLE AT:

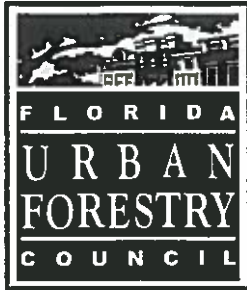
WINFIELD™

855-880-0048
www.winfieldpro.com

ArborSystems

Tree Injection Solutions
ArborSystems.com

CANVASSING FOR CANOPY AND THE FLORIDA URBAN FORESTRY COUNCIL



The Florida Urban Forestry Council promotes the value, enhancement and sound management of urban forests through leadership and education. But why is the Council not more involved in lobbying state and local governments to promote tree advocacy?

The Florida Urban Forestry Council (FUFC) is a statewide, non-profit organization with a diverse membership of municipalities, arborists, utility foresters, community tree board members, tree advocates, volunteers, horticulturists, landscape professionals, and interested citizens who care about trees in their communities.

The FUFC is a collection of interlocking pieces that completes a larger, complicated puzzle of urban forestry. Our parcel is shaped by the terms--to include lobbying limits--of the Internal Revenue Code. A tax-exemption applies to the FUFC because we are organized and operate exclusively for an educational purpose. The limit of power is a basic requirement of the tax-exempt status. We risk losing the tax-exempt status and gaining the burden of certain excise taxes if lobbying and other political activity rules are violated.

The loss of the 501(c)(3) tax deductible status would be a fatal blow to the leaves and branches

of our organization. Without it, we are like a tree that loses a significant portion of its absorbing roots. We are unable to absorb the

funds and contributions of corporate sponsors, individual donors, and matching programs that seek out, and depend upon, the availability of tax deductions.

"Though our lobbying activities may be limited, do not underestimate the influence and power of our educational prowess."

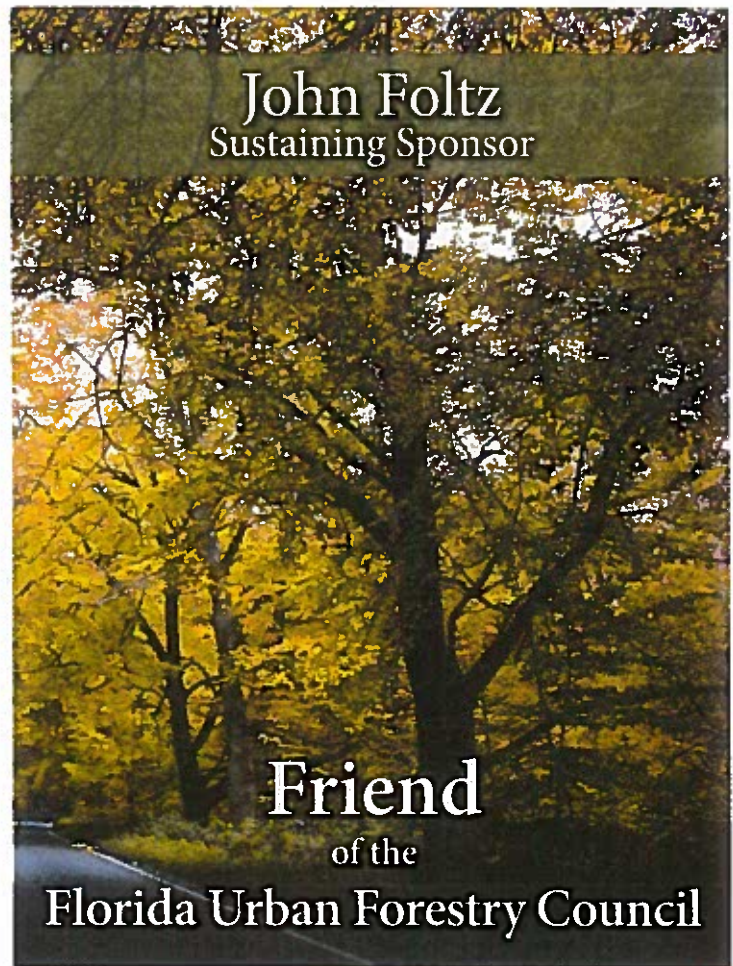
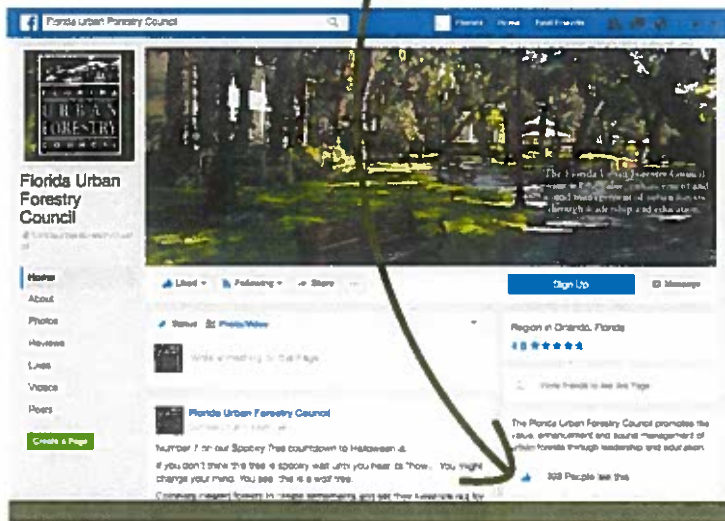


Though our lobbying activities may be limited, do not underestimate the influence and power of our educational prowess. The urban forests do not simply need the support of the public. Urban forestry practices and policies are sustained through the support of an informed public – thus the persuasive power of education.

Like Us!



How high can we go?



STUMP THE FORESTER

QUESTION: Who is responsible for trees or branches that fall over a property line from an adjacent property?

ANSWER: In the urban/suburban neighborhood, neighbors are often co-owners of a tree. Though property boundaries have set parameters, trees do not. Biologically, trees are engineered to grow, to take up space, and branch out beyond our makeshift perimeters. Where the tree is rooted is not near as important as its reach across boundary lines. As a general rule, the portions of a tree that cross, or fall, on your property are yours. Property owners can prune limbs that extend into their property, but they must do so responsibly. Since a property owner may be responsible for only a portion of a tree, they cannot bring harm, injure, or destroy the tree. If a tree is growing on a shared boundary, the tree may be considered common property. Ownership and responsibility is shared by those on each side of the line.

The concept holds true for trees that branch out into municipal and/or utility right-of-ways. Municipalities and/or utilities can exercise reasonable care

when clearing the way for safe sidewalks, roadways, lines-of-sight, electrical conductors, and other utility assets. In the wake of a storm, municipalities are responsible for trees that cross, or fall, within the path of roads, sidewalks, right-of-ways, and other public venues. Utilities are authorized to address tree hazards that hinder the restoration of essential services—such as electricity. This is not to suggest that they own the tree or storm debris. Property owners are responsible for trees and debris that find their final resting place on their lot.

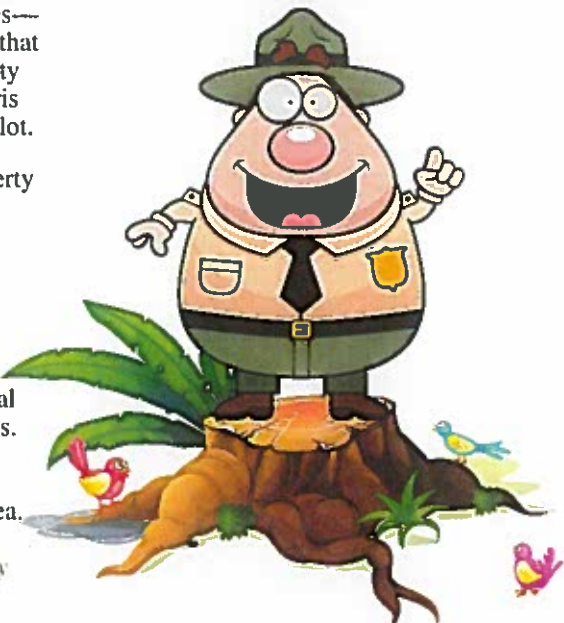
If there is sufficient evidence that a property owner knows, or knew, of a pending tree hazard (dead, declining, defective, or unsound tree), they may be liable for damages that could have been prevented through reasonable care or diligence.

Tree-related ordinances and municipal codes are useful when understanding local rules and regulations regarding tree issues. For an in-depth answer to any particular case, consult a certified arborist, urban forester, or tree care specialist in your area.

Answer provided by Joe Anderson, Utility Forester with JEA



If you would like to 'stump the forester,' see page 15 for information on submitting your question!



PRUNING SAW SANITATION

BLADEBATH™

HORTICULTURAL PRUNING SAW
DISINFECTING TUBE

www.bladebath.com

SPECIAL INTRODUCTORY OFFER
\$28.95 + s/h



SIMPLE • EFFECTIVE • EFFICIENT
FOR USE WITH MOST STRAIGHT-BLADE HAND-PRUNING SAWS
PATENT PENDING • SAW NOT INCLUDED

PLANTING, PROTECTING, PROMOTING, AND POLITIC?

Submitted by Anna Dooley, Executive Director – Greenscape of Jacksonville



The Mission of Greenscape of Jacksonville is to enrich our city by **planting, protecting, and promoting trees.**

We have faithfully pursued and met our goals for over forty years and are credited with over 350,000 trees added to the local canopy. Our first action item in our mission statement is **planting** and the record speaks for itself. As residents of the largest city in the country (by area) the planting opportunities are endless as old trees decline and existing canopies succumb to new developments that often reduce urban landscapes to asphalt heat islands. We have found many school campuses to be lacking the installment of trees – our “all natural, no energy cost” air conditioning units. Children, teachers, and administrators often suffer through the great Florida sun during recess and outdoor assemblies. “Planting the love of trees” in the hearts of our students--our youngest citizens--results in not only the planting of thousands of trees at schools, but fosters a more pleasant and successful learning atmosphere. The plantings we execute in public parks are welcome additions that supplement limited city budgets for park improvements. Right-of-way and street trees transform roadways and walkways into a welcome path for numerous neighborhoods.

So, we plant trees--a lot of them! How do we **protect** our trees? In the year 2000 as a result of a grassroots effort led by Greenscape and Citizens for Tree Preservation, over 197,000 registered voters voted yes to minimum standards for tree protection, conservation and mitigation in Duval County. Never in the history of Duval County had so many people voted in favor of any issue or any candidate. The measure was approved in all 268 precincts. Jacksonville’s citizens voted to require builders and developers to mitigate for removal of certain large trees, mostly hardwoods, long leaf pines and Sabal palms. Mitigation could be satisfied by planting replacement trees or paying into a city administered trust fund. Monies in that fund are designated for organizations such as Greenscape, as

“At his best, man is the noblest of all animals, separated from law and justice he is the worst.”

- Aristotle

well as the City Forester to plant trees where needed. But recently we have been faced with a serious challenge to not only the tree canopy of Duval County, but to canopies throughout the entire state of Florida. Local tree protection ordinances have come under fire in Tallahassee by a pending flaw to state law with House Bill 521 and Senate Bill 574 which were originally designed to strip away the power of local tree ordinances. Cities and counties have developed their individual ordinances to balance development and environmental considerations and protect their precious tree canopy. What works in Jacksonville is different from what works in Miami or other Florida cities. We are not all alike in our canopy and its needs. It is our view that this action is a pre-emption of local government and places the trees we all value in peril. We are actively working to defeat these bills. To learn more visit JaxDigsTrees.org or go to Facebook and Instagram [@JaxDigsTrees](https://www.instagram.com/JaxDigsTrees) or [@DefendFloridaTrees](https://www.instagram.com/DefendFloridaTrees). Contact your legislators, talk to your local government officials and make all aware of this threat. It is quite possible that by the time you

receive and read this article, we have been successful with having the bills indefinitely postponed or withdrawn from consideration entirely.

Lastly, Greenscape **promotes** trees--all of the time! We have an Annual Arbor Day Festival and Tree Giveaway that also offers educational exhibits and speakers, as well as crafts and activities for the whole family. We have produced numerous printed materials that are distributed to schools, clubs, and at forums where we serve as the “Local Lorax.” We do speak on behalf of our trees and our community. We encourage you to join your local tree advocacy group and lend your voice for the protection of trees in your community. Local tree protective ordinances give trees a voice and a legal standing. We recognize the important role trees and the rule of law play in all our lives. Vibrant cities cultivate thriving urban forests that boost public health, safety, sustainability, and economic growth. Trees may not be the only answer, but they are a critical element to better living in company with the laws of nature.



Special Recognition: Greenscape of Jacksonville was the recent recipient of FUFUC's 2017 Friends of Our Urban Forest Outstanding Project award for "The Greening of the Arc."

Tree of the Quarter

SABAL PALM
(Sabal palmetto)



Sabals are a slow-growing palm species. Most transplants are dug up from other locations within the Sunshine State. In its natural setting, it can take sabal palms as long as 15-30 years for it to produce a visible trunk. The sabal palm is one of our tallest native palm species, aside from its southern cousin the Royal palm. Sabals can grow quite high. It is not uncommon to see sabals reach heights of over 70 ft. tall.

Habitat: Sabal palms can be found through the lower Southeast in states such as Texas, Alabama, Mississippi, and South Carolina. Sabals can grow in a variety of habitats. They can adapt in sandy soils, dunes and upland ecosystems. They are also found growing naturally along rivers, lakes and marshes. Sabals grow in full sun or part shade.

Wildlife Benefit: This is a palm that is often undervalued for its wildlife benefit. Birds such as mockingbirds, blue jays, crows, and other frugivores devour the fruit. It is estimated that between 10 to 25% of the diet of raccoons are fruit from sabal palms. Bear and deer also eat fruit that fall to the ground. Native pollinators such as our native bees, flies and beetles gravitate to the flowers. It also frequented by one of our most valuable pollinators, the European honeybee.

Trunk: The trunk of a sabal palm is solitary and does not branch. It can be smooth or some palms may retain the old leaf bases, or commonly referred to as "boots."

Linnaeus, the father of modern nomenclature, cleverly labeled palm trees as the "Princes of the Landscape." Most Floridians would agree. Rarely is there a place in Florida that one can go and not see a palm tree. One of the stateliest of our princely palms is our very own sabal palm or *Sabal palmetto*. The sabal palm is the state tree of Florida, as well as South Carolina. The sabal was designated the Florida state tree in 1953, and in 1970 the legislature mandated that the sabal palm replace the coconut palm on the state seal.

This beautiful native palm tree has a place in history and should have a place in your landscape. The sabal palm was widely used by early pioneers and Native Americans, such as the Seminoles, Choctaw and Houma. Sabal palms are gaining popularity as an ornamental landscape plant. They are drought tolerant after establishment and can tolerate cold temperatures to about 15° F.

The sabal palm is indeed a special tree. Actually, it is not really a tree at all. It is a monocot, much like grass. Do not let it fool you though. The sabal palm is the toughest of plants, being able to survive harsh weather such as tropical storms and hurricanes.





Flowers: Hundreds of little creamy-white flowers on a branched inflorescence are produced from April to August.

Leaves/Petiole: Sabals have unique costapalmate leaves. Leaf blades can reach a length of three to four feet. Petioles average three to six feet in length and are unarmed or smooth.

Fruit: Black, fleshy pear-shaped fruit, about ¼" in diameter, is produced in the fall and mature during the winter months. Each fruit contains one palm seed.

Roots: The roots are usually not a problem. Roots from mature palm trees can extend

out to over 50 ft. from the base of the palm. Avoid applying any turf fertilizer on or near the root system. This may exacerbate a nutrient deficiency and may be harmful.

Companion Plants: Saw palmetto (*Serenoa repens*), gulf muhly grass (*Muhlenbergia capillaris*), American beautyberry (*Callicarpa americana*), and blue stem palmetto (*Sabal minor*)

Interesting Facts:

- A 40 ft. sabal palm can easily be over 100 years of age.
- Early pioneers used the heart of the palm to make swamp cabbage. Swamp

cabbage was prepared over a fire with meat seasoning or used raw. This process, however, kills the palm.

- Seminoles used the berries to treat sicknesses such as headaches and fevers. Leaves were also used to make thatch houses, fiber and arrows.
- The petioles were used in stickball or *Toli*. This game created by Native Americans goes back over 400 years and resembles modern day lacrosse.
- Palms are in the palm family or (Areca-ceae).
- Wood was used for warf pilings and broom handles.
- The sabal palm is also referred to as the cabbage palm, cabbage tree and blue palm.
- When transplanting, sabal palm roots die all the way back to the trunk.
- It can take as long as eight months after transplanting for sabal palms to generate new root growth.

Sites referenced:

<http://edis.ifas.ufl.edu/s1575>

<https://www.fs.fed.us/database/feis/plants/tree/sabpal/all.html>

https://plants.usda.gov/plantguide/pdf/cs_sapa.pdf

http://hort.ufl.edu/database/documents/pdf/tree_fact_sheets/sabpala.pdf



2017 FRIENDS OF OUR URBAN FOREST AWARDS PROGRAM

The following is a summary of the winners for the 2017 Friends of Our Urban Forest Awards Program. This program that the Council supports each year provides an opportunity for all involved and associated with the urban forestry industry to share with others their successes--whether it be as an individual, group, a project, a program, and more. Please visit our web site for more information (www.fufc.org). Again, thank you to all who participated in the 2017 awards program and congratulations to all of our winners!

TIM SHAW
OUTSTANDING PROFESSIONAL



Tim Shaw is the creator and owner of Southern Tree Farm--the nursery branch of Shaw's Tree Service, LLC--a full service tree company serving Jacksonville since 1982. Tim has dedicated his talent and dreams to nurture a local nursery equipped to fulfill all of Jacksonville's tree-care needs from tree selection, site preparations, tree planting, and tree care throughout the life of a tree. This is essential when building a sustainable and resilient urban tree canopy.

For over four years, Tim has been a steadfast ally with Jacksonville's tree advocates when supplying quality trees, at a reduced rate, making urban/community tree projects possible. Uniting with JEA Utility and Greenscape of Jacksonville (Jacksonville's premier tree advocacy non-profit), Tim has supplied a four-year average of 645 quality, shade trees per year or a running total of nearly 2,580 trees to support various coordinated tree planting activities and programs. This alone is outstanding and deserving of recognition.

TREE STEWARDS JACKSONVILLE
OUTSTANDING TREE ADVOCACY GROUP



The City of Jacksonville operates the largest urban park system in the United States, with more than 337 locations covering more than 80,000 acres. Because of budget limitations parks are often underfunded and necessary maintenance activities cannot be routinely scheduled. Hence younger park trees grow without being pruned. Structural defects such as included bark and co-dominant stems are going unchecked. Trees should be structurally pruned at a young age while defects can be corrected. The Tree Steward program was created to utilize volunteers to become tree advocates in their community.

The Duval County Tree Stewards have cultivated a partnership with the City of Jacksonville Parks Department pruning young trees in Jacksonville parks twice a month. The trees pruned are typically less than 20 feet tall. They are pruned to: remove co-dominant stems, improve structure, remove rubbing and crossing limbs, use the appropriate technique making smallest wound possible and increase park user safety. From June 2015 through November 2017, the Duval County Tree Stewards were able to prune over 1500 trees. If left unpruned the trees would need more costly and invasive maintenance in the future to mitigate any defects.

Tree stewards are trained to provide valuable volunteer services to the community at a time when Urban Forest maintenance budgets are being reduced. They will be able to plant and prune (train) young trees so that they may grow to be healthy productive contributions to Jacksonville's urban canopy. With the help of the newly trained Tree Stewards, Jacksonville is becoming greener "one tree at a time".

Wantman Group, Inc.'s (WGI's) Land Design Services Division worked in collaboration with

Harries Heder Collaborative for the Palm Beach County Art in Public Places Division to create the "Windows on the Floating World: Blume Tropical Wetland Garden." The tropical oasis was developed to provide visitors with an opportunity to walk on water, adding a new interactive experience to Mounts Botanical Garden. By incorporating artist's installation pieces into an intimate garden setting, the design encourages exploration and discovery by allowing the program to unfold through a series of unique experiences. The design provides educational messages that fulfill Mount's mission statement and a key portion of their master plan.

All of the existing specimen trees on site were preserved and incorporated as integral elements of the design. A specimen bald cypress, Shumard oak, and mature coconut palms mark multiple garden entries which lead visitors to a custom designed walkway that appears to float on the water's surface. The floating walkway creates display windows featuring a season rotating exhibit of Florida-friendly aquatic plants that play a role in the garden's educational outreach program, Ambassadors of the Wetlands. The program allows Palm Beach County students to learn about the importance of wetlands and their ecological functions.

**MOUNTS BOTANICAL GARDEN:
WINDOWS ON THE FLOATING WORLD**
OUTSTANDING PROJECT



THE GREENING OF THE ARC
OUTSTANDING PROJECT



The Arc Jacksonville, a community leader in serving adults with intellectual and developmental disabilities, opened The Arc Village in May of 2016. This site is a national model for independent living for the people it serves. Upon opening it was at capacity for support services available for up to 121 residents. The Village is a ground-breaking concept that allows individuals to enjoy the satisfaction of working and living independently in a community designed to serve their needs.

Although the facility is fantastic, the site and grounds were lacking trees. Minimal landscaping was in place around the homes and recreational facilities. Greenscape had an opportunity to apply for a grant through the HDR Foundation and subsequently was awarded \$8,650 for the project. Greenscape developed a plan to install 70 trees.

Greenscape also brought the Late Bloomers Garden Club into the project. The Garden

Club donated 20 six-inch live oaks. These trees were strategically placed around the neighborhood, instantly transforming the environment.

On Saturday, May 6, 2017, volunteers gathered for the planting. The most gratifying moments were when the residents, staff and families joined Greenscape, HDR, and Late Bloomer volunteers as the remarkable change in the environment took place. The addition of 90 trees created a true neighborhood that will encourage outdoor activities and socialization.

The project was a learning opportunity for the Village residents and it has enhanced their understanding and appreciation for the environmental contributions of the trees. It was also a learning opportunity for all others involved as our understanding of those individuals was greatly enlightened.

UNIVERSITY OF CENTRAL FLORIDA'S URBAN FORESTRY PROGRAM
OUTSTANDING URBAN FORESTRY PROGRAM



The tree canopy at the University of Central Florida is an invaluable asset, especially given the campus's size and functionality. It serves many purposes including student comfort and safety, aesthetics, carbon sequestration, and storm water interception and filtration. UCF is one of the largest universities in the nation, hosting a student population of over 65,000, and over 22,000 staff and faculty as of 2017. The campus is 1,415 acres, 800 of which are considered natural lands, which are maintained as natural Floridian ecosystems. Currently, there are 319 acres of natural lands protected under conservation easements by the St. John's Water Management District. Water conservation, pollution removal, canopy cover conservation, erosion control, and aesthetic appeal are the five ultimate goals driving our urban forestry program. The Landscape and Natural Resources Department is committed to creating green spaces that provide utility for our natural environment, create outdoor comfort for our students, support sustainability initiatives, and promote a sense of place on campus.

The UCF urban forestry team implements the campus's urban forestry initiatives.

This team includes 7 individuals, four of which are ISA certified arborists. They all work within the Landscape and Natural Resources Department (LNR), which has forty-two grounds crew, a landscape architect, four superintendents, and three biologists.

The UCF Urban Forestry program is young, but outstanding. The productivity is remarkable given the small size of our arbor team. The program will continue to grow and to explore new and exciting urban forestry techniques. We will continue to develop and apply innovative urban forestry techniques and will expand our community impact through new educational initiatives and partnerships.

Even though Meg Niederhofer has been retired as Gainesville's City Arborist since 2010 after a 22-year career, many Gainesville City residents still think of her as the "City Tree Lady." Her career achievements include making sure that the City of Gainesville had a

comprehensive urban forestry program, which included the review of development proposals, inspection of construction sites for compliance with regulations to protect and replant trees, revision of the urban forestry portions of the Land Development Code, as well development of a planting program that established thousands of young trees throughout town and helped lead Gainesville to its thirty-four year designation as a "Tree City USA."

Thanks to Meg, Gainesville's updated tree ordinance was adopted in 2013. The Waldo Road Greenway, Archer Road plantings, neighborhood treescapes, and the planting of native trees in all City parks are some of Meg's enduring planting projects.

Meg's impact on urban forestry was not just limited to Gainesville. Meg was instrumental in the formation and "early days" of the Florida Urban Forestry Council (FUFC) dating back to the early 1990's. Meg chaired the Awards Committee for nearly 10 years and was also a speaker and moderator at many of the FUFC annual conferences.

After retiring Meg continued to volunteer on the City's Tree Advisory Board. Even after her Tree Advisory Board term expired, she still continues to attend Tree Advisory Board meetings and regularly attends City Commission meetings to speak and advocate for trees. Her dedication has never wavered. She has a deep passion and commitment for the urban forest.

MEG NIEDERHOFER
LIFETIME ACHIEVEMENT AWARD



WANE 3000[®]

TREE SYSTEM

...Since 1972

County Library Parking Lots

Fire House Parking Lots

City Side Walks

Major Florida Amusement Parks

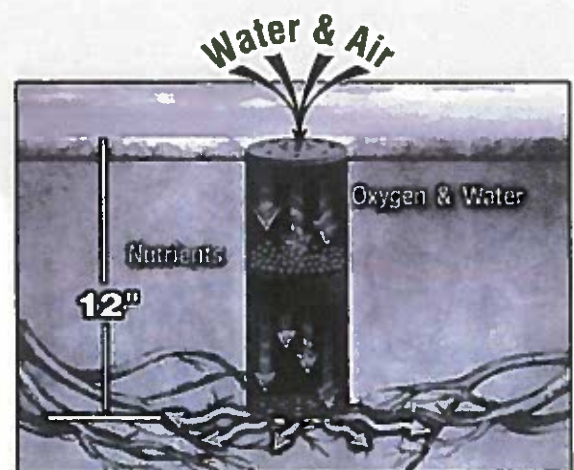
Emerson Hall University of Florida



Over 100 Wane Units support root growth beneath this hard surface.

- **Does This Product Suit Your Needs?**
- **Very Cost Effective**
- **Offering Time Proven Products for Trees in Hard Scapes.**

...See Our Website



www.wane3000.com

(813) 961-1060

info@wanetreesystems.com

Join Us

Our members are the lifelines of our mission.
Thank you for your continued support!

New and renewed members through March 31, 2018. Please let us know if we fail to mention your name.

SUPPORTING

A FRIEND OF THE FLORIDA URBAN FORESTRY COUNCIL

Jeff Foltz
John Foltz
Andrew Wiltz
Jennifer Wiltz

ORLANDO UTILITIES COMMISSION

Erin Givens

NRPS LEGACY ARBORIST SERVICES

Ben Holzaepfel
Eric Hoyer
Kari Hurst
Charlie Marcus
Jay Vogel

SECO ENERGY

Justin Hancock
April Hurst
John LaSelya
Tracy Powell
David Watford

URBAN FORESTRY ORGANIZATION

Daniel Adams

PROFESSIONAL

Lyle Adams
Russell Adams
Alexis Alvey
Kathy Asony
Jack Baggett
Lori Ballard
Byron Bozarth
Kathleen Brennan
Steve Burke
Richard Cervi
Carolyn Cheatham-Rhodes
Phil Christman
Paul Cliff
Beverly Cline
Rachel Comte
Riley Coy
Sean Creedon
Karen DeMaria
Cynthia Domenech-Coogle
Harry Doyle
Sheila Dunning
Jamie Frank
Diana Gilman
Joe Gross
Ruth Hamberg, RLA ASLA AICP
Beth Hamer
Seth Hawkins
Lisa Hickey
Sherisha Hills
Jeremy Hockenbury
Phil Howell
Raymond Jarrett
Ann Koenig
Benjamin Koubek

Daniel Lamarre
Shane Largent
Jonathan Lee
Larry Leggett
Chuck Lippi
Tyrone Lowery
Mark McClellan
Drew McLean
Antonio McLeod
Michael "Mickey" Merritt
Chris Miller
Scott Montgomery
Eric Muecke
Ira Padgett
Kimberly Pearson
Gregory Polidora
Herb Poole
Jim Rauch
Todd Reich
Buck Rollings
Joe Samnik
Reuben Sardinas
Julie Schelb
Jarvis Sheeler
Carla Shelton
Dawn Sinka
Jerry Slagle
Brenda Thibodeaux
Jordan Upcavage
Tom Wilde
Mark Williams
Greg Wright
Kevin Wyko
Elvis Zelaya

TREE ADVOCATE

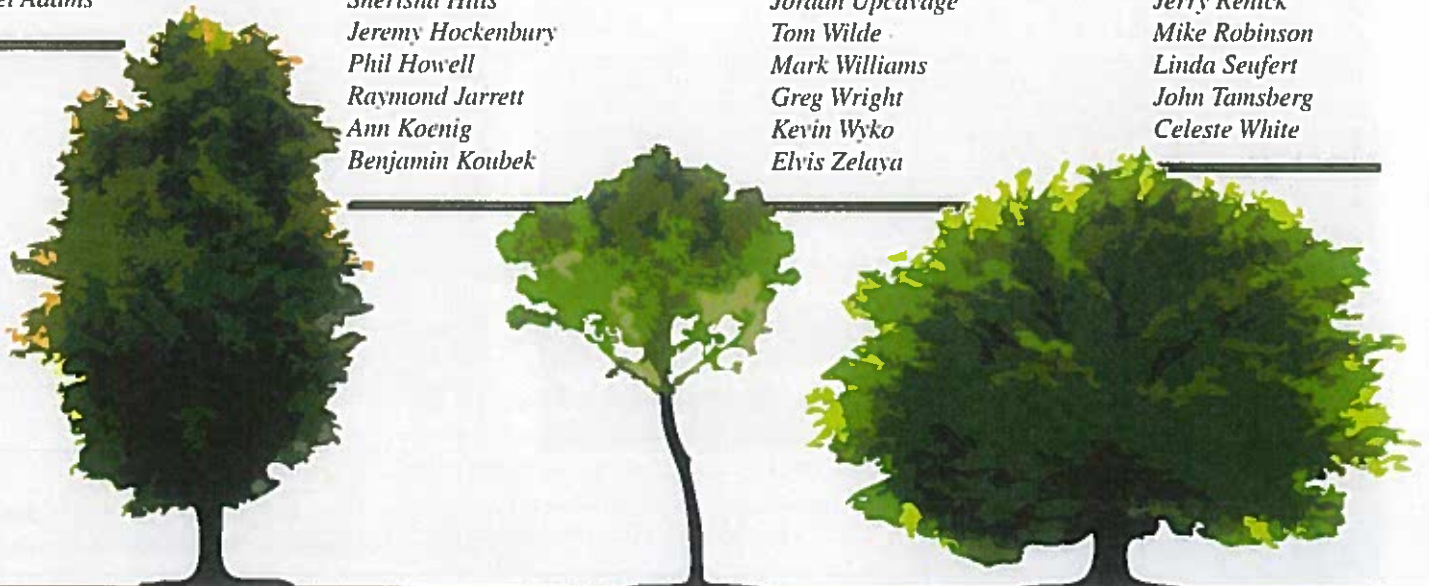
Marguerite Beckford
John Springer
Cindy Warren
Michael Weber

STUDENT

Shaleen Miller

HONORARY

Mike Conner
Anna Dooley
Norm Easey
Justin Freedman
Ed Gilman
Steve Graham
Michael Greenstein
Elizabeth Harkey
Mary Lou Hildreth
John Holzaepfel
Julie Jooss
Howard Jeffries
Andy Kittsley
Ken Lacasse
Earline Luhrman
Bill Reese
Jerry Renick
Mike Robinson
Linda Seufert
John Tamsberg
Celeste White



MEMBERSHIP APPLICATION

(Dues are effective for the calendar year of January 1 - December 31)

Make check or money order payable to FUFC and mail to:

Post Office Box 547993, Orlando, FL 32854-7993

Categories (please check one):

Professional @ \$25.00

(Professional membership is open to anyone who is actively working in the profession of Urban Forestry or any related profession.)

Tree Advocate @ \$20.00

(Tree Advocate membership is granted to those volunteers who are members of a tree board, beautification committee or other Urban Forestry volunteer group.)

Supporting @ \$200.00

(Supporting membership is granted to those individuals, groups or other entities expressing a desire for a strong supportive role in the Council. Membership will be granted for up to five individuals of an organization or business.)

Government/Non-Profit Agency @ \$100.00

(Government/Non-Profit Agency membership is granted to those individuals, groups or other entities actively working in the profession of Urban Forestry or any related profession. Membership will be granted for up to five individuals within the agency.)

Student @ \$10.00

(Student membership is granted to anyone who is actively enrolled as a full-time student and who is considering pursuing a career in Urban Forestry.)

Name: _____

Title: _____

Firm: _____

Address: _____

City: _____

State: _____

Zip: _____

Telephone: (____) _____

FAX: (____) _____

E-mail: _____

Amount Enclosed: _____

Date: ____/____/____

Would you be interested in further information regarding serving on a Council subcommittee? Yes No

Area of interest: _____

FUFC PAST PRESIDENTS

Steve Graham.....	(1990-1991)
Ed Gilman.....	(1991-1992)
Bill Reese.....	(1992-1993)
Andy Kittsley.....	(1993-1994)
Jeffrey Siegel.....	(1994-1995)
Norm Easey.....	(1995-1996)
John Tamsberg.....	(1996-1998)
Mike Conner.....	(1998-1999)
Julie Iooss.....	(1999-2000)
Anna Dooley.....	(2000-2001)
Howard Jeffries.....	(2001-2002)
Mike Greenstein.....	(2002-2003)
Mike Robinson.....	(2004-2005)
Celeste White.....	(2006-2007)
Earline Luhrman.....	(2008-2009)
John Holzaepfel.....	(2010)
Jerry Renick.....	(2011)
Mary Lou Hildreth.....	(2012)
Elizabeth Harkey.....	(2013)
Ken Lacasse.....	(2014)
Justin Freedman.....	(2015)
Linda Seufert.....	(2016-2018)

REQUEST FOR ARTICLES

Please let us know what urban forestry projects you have going on in your neck of the woods. The Florida Urban Forestry Council would greatly appreciate the opportunity to share your information in our newsletter. These articles can include:

- New trends in the industry
- News about tree advocacy groups
- Volunteer projects
- City tree programs
- Letters to the Editor
- Questions for "Stump the Forester"

We look forward to hearing from you on this or any other interesting topic related to the urban forestry industry and profession. Please send any articles or ideas to Joe Anderson, FUFC newsletter editor, at andejs@jea.com.

Thanks for contributing!





FLORIDA URBAN FORESTRY COUNCIL
 Post Office Box 547993
 Orlando, FL 32854-7993



For more information or change of address,
 please contact the FUFCC:

Phone: (407) 872-1738
 Fax: (407) 872-6868
 E-Mail: info@fufcc.org
 Website: www.fufcc.org

CHANGE SERVICE REQUESTED

Address Update:

- Please change my address as noted on the right.
- I receive duplicates. Please delete my name at right.
- Please remove my name from your mailing list.

2018 FUFCC EXECUTIVE COMMITTEE MEMBERS

OFFICERS:



John Harris
President
 Appointed Position
 FNGLA
 Earth Advisors, Inc.



Joe Anderson
President Elect
 Appointed Position
 Advisory Member
 JEA



Erin Givens
Vice President
 Appointed Position
 Advisory Member
 Orlando Utilities
 Commission



Steve Edgar
Treasurer
 Appointed Position
 Society of American
 Foresters
 Long Leaf Forest Service,
 Inc.



Linda Seufert
*Secretary AND
 Immediate Past President*
 Advisory Member
 City of St. Petersburg

COMMITTEE MEMBERS:

Alexis Alvey, Appointed Position
 ASLA/FL Chapter
 Keith and Schnars

Kathy Beck, Appointed Position
 Advisory Member
 City of Tampa

Kathleen Brennan, Appointed Position
 Florida League of Cities

Jody Buyas, Appointed Position
 Advisory Member
 Keep Orlando Beautiful

Jim Davis, Appointed Position
 Cooperative Extension Service
 Sumter & Hernando County

Steve Edgar, Appointed Position
 Society of American Foresters
 Long Leaf Forest Service, Inc.

Elizabeth Harkey, Elected Position
 City Arborist
 City of Sanford

Julie Iooss, Appointed Position
 FL Chapter ISA
 Retired – City of Orlando

Ian Jurgensen, Elected Position
 Member-at-Large
 City of Orlando

Andrew Koeser, Appointed Position
 Advisory Member
 UF/IFAS - Gulf Coast Research and
 Education Center

Gayle Lafferty, Elected Position
 Member-at-Large
 City of Vero Beach

Mark Miller, Appointed Position
 Advisory Member
 City of Apopka

Daisy Morales, Appointed Position
 Advisory Member
 Orange County Soil and Water
 Conservation District

Gregory Polidoru, Appointed Position
 Advisory Member
 FP&L

John Springer, Elected Position
 Tree Advocacy
 Enchanted Walkabouts

David Watford, Elected Position
 Utility Forester
 SECO Energy

Mark Williams, Elected Position
 Member-at-Large
 City of Fort Lauderdale

Vacancy - Advisory Member-at-Large (x2)

Vacancy - FRPA

Vacancy - FDOT

Lou Shepherd, Liaison
 Florida Forest Service

Sandy Temple
 FUFCC Executive Director

6/11/18

Notes

15F Balance (Budget less Actual less Encumbrance)	19,911,371	FAMIS screen 6750 FUND SUMMARY INQUIRY
JXSF15FPW 36131 NC UNREALIZED GAIN/LOSS ON INVESTMENTS	(294,529)	(non cash entry adjustment)
FAMIS upgrade/conversion - 1997 Difference between ending cash available / fund balance and Net Revenue	535,594	See below calculation
JXSF15FPW 38901 NC-TRANSFERS FROM FUND BALANCE	(196,758)	Non cash revenue adjustment
	<u>338,836</u>	
Unencumbered Balance net of Reserves	(1,292,338)	See Worksheet - Budget Balance Review - (net of total unencumbered balance and reserves)
	<u>18,663,340</u>	
Available to appropriate figure (website)	<u>18,663,340</u>	

CALCULATION - FAMIS upgrade/conversion - 1997 Difference between ending cash available / fund balance and Net Revenue		
1997 cash and fund balance (FAMIS month 14 balance)	1,082,291.00	
1996 and 1997 revenue	1,643,506.00	
JXSF15FPW 38901 NC-TRANSFERS FROM FUND BALANCE	(716,750.00)	
Revenue less noncash transfer	<u>926,756.00</u>	
less 1996 and 1997 Expenditures	(380,059.00)	
Net Revenue All years end of 1997	<u>546,697.00</u>	
Difference between 97' cash/fb and Net Revenue	<u>535,594.00</u>	(1,082,291 - 546,697)

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
Subfund 15F Revenue							
PWOD15FTP	TREE PROTECTION & RELATED EXPENSES	29,393,687	40,864,233		11,470,546		11,470,546
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	7,535,414	8,565,311		1,029,897		1,029,897
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	-	8,580		8,580		8,580
TRIN15FFR31R	TRF TO 15F TREE PROTECTION FR 31F CONVERSION AND NONCASH REVENUE ENTRIES	392	392		-		-
	Total Subfund 15F Revenue	36,929,493	49,777,352	-	12,847,859		12,847,859
* Subfund 15F Expenditures							
PWOD15FARATP	SANDALWOOD TREE REPLACEMENT PROJECT	13,796	12,416	1,380	-	-	-
PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING	587,850	581,856	5,995	-	-	-
PWOD15FNMS	NORTH MAIN STREET LANDSCAPING	62,057	40,000	22,057	-	-	-
PWOD15FBDAS	BROWN'S DUMP ASH SITE TREE/PLANTING	364,730	342,361	22,370	-	-	-
PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING	494,215	376,792	117,423	-	-	-
PWOD15FDCS	DUVAL COUNTY SCHOOL BOARD PROPERTY	125,000	784	124,216	-	-	-
PWOD15FHRDA	TREE PLANTING - HARTS RD. AT DUNN AVE	23,718	18,975	4,744	-	-	-
PWOD15FDTP	DOWNTOWN TREE PLANTING	38,822	-	38,822	-	-	-
PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT	1,824,408	689,345	1,135,063	-	-	-
PWOD15FMSW	MINDANAO FR ALOHA DR TO WITCHHAVEN ST	9,710	9,710	-	-	-	-
PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING	100,000	65,231	15,483	19,286	-	19,286
PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY	4,679,980	4,612,697	36,528	30,756	-	30,756
PWML15F	TREE MAINTENANCE	1,761,795	1,421,281	323,342	17,172	-	17,172
PWOD15FATPP	AVONDALE TREE PLANTING PLAN	31,233	-	31,233	-	-	-
PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK	85,366	-	85,366	-	-	-
PWOD15FHAMM	HAMMOND BLVD PROJECT	175,761	-	-	175,761	-	175,761
PWOD15FVPP	COUNTY-WIDE TREE PROG-PRESERVATION PARKS	1,000,000	485,146	-	514,854	-	514,854
PWOD15FVAP	COUNTY-WIDE TREE PROG-ACTIVE PARKS	1,151,965	619,420	-	532,545	-	532,545
PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK	18,364	-	18,364	-	-	-
PWOD15FTP	TREE PROTECTION & RELATED EXPENSES	3,548,513	2,097,444	-	1,451,069	1,449,105	1,964
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	2,000,635	-	-	2,000,635	2,000,635	-
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	2,365,741	-	-	2,365,741	2,365,741	-
	Subfund 15F Expenditures	20,463,658	11,373,456	1,982,383	7,107,819	5,815,481	1,292,338
* Includes accounts with encumbrances and budget balances							
Unencumbered Budget Balance							
Revenues							12,847,859
Expenditures							7,107,819
Unencumbered Balance net of Reserves							(1,292,338)
Subfund 15F Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)							18,663,340

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
Subfund 15N Revenue							
PWOD15NTM	TREE MITIGATION & RELATED EXPENSES	173,306	4,121,261	-	3,947,955		
Total Subfund 15N Revenue		173,306	4,121,261	-	3,947,955	-	-
*Subfund 15N Expenditures							
PWOD15NARTS	AVONDALE/RIVERSIDE TREE SURVEY	39,999	39,999	-	-	-	-
PWOD15NBDTP	BAKERSFIELD DRIVE-TREE PLANTING	8,306	7,475	831	-	-	-
JXSF15N	TREE MITIGATION & RELATED EXPENSE	1	-	-	1	1	-
Subfund 15N Expenditures		48,306	47,474	831	1	1	-
* Includes accounts with encumbrances and budget balances							
Subfund 15N Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)							3,947,956

6/11/18

Year	Encumbrance Number	Enc. Sfx	Sub - fund	Vendor Number	Vendor Suffix	Vendor Name	Encumbrance Balance	Index Code	Index Code Title
2018	CTPW07000014	01	15F	591319010	01	JACKSONVILLE ZOOLOGICAL SOCIETY	1,135,063.14	PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT
2018	CTPW16000066	02	15F	592283261	03	GREENSCAPE OF JACKSONVILLE INC	124,215.60	PWOD15FDSC	DUVAL COUNTY SCHOOL BOARD PROPERTY
2018	PO3019740001	04	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	36,527.50	PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2018	PO3019740003	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	5,994.50	PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING
2018	PO3019740004	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	22,369.50	PWOD15FBDAS	BROWN'S DUMP ASH SITE TREE/PLANTING
2018	PO3019740005	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	117,423.00	PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING
2018	PO7A02942003	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	1,379.55	PWOD15FARATP	SANDALWOOD TREE REPLACEMENT PROJECT
2018	PO7A02942004	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	4,205.00	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942006	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	22,057.00	PWOD15FNMS	NORTH MAIN STREET LANDSCAPING
2018	PO7A02942007	01	15N	340176110	06	THE DAVEY TREE EXPERT COMPANY	830.58	PWOD15NBDTP	BAKERSFIELD DRIVE-TREE PLANTING
2018	PO7A02942008	02	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	519.50	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942010	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	1,076.40	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942012	03	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	1,022.64	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942015	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	8,659.61	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942017	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	38,821.76	PWOD15FDTP	DOWNTOWN TREE PLANTING
2018	PO7A02942017	02	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	4,743.66	PWOD15FHRDA	TREE PLANTING - HARTS RD. AT DUNN AVE
2018	PO7A02942018	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	18,364.21	PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK
2018	PO7A02942019	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	85,366.23	PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK
2018	PO7A02942021	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	31,232.60	PWOD15FATPP	AVONDALE TREE PLANTING PLAN
2018	PO8A01798005	01	15F	161004851	05	LEWIS TREE SERVICE, INC.	323,341.76	PWML15F	TREE MAINTENANCE

1,983,213.74

Analysis of Available for Appropriation

6/11/18

	(SF 15F) Tree Protection & Related Exp	(SF 15N) Tree Mitigation & Related Exp	TOTAL
Cash	21,938,061	3,948,787	25,886,848
Less open purchase orders (encumbrances)	(1,982,383)	(831)	(1,983,214)
Less budgeted projects remaining balance	(7,107,819)	(1)	(7,107,820)
Fund Balance Available to Appropriate	<u>12,847,859</u>	<u>3,947,955</u>	<u>16,795,815</u>
Cash Carryover	-	-	-
Addition:			
Additional Interest Earnings Estimate	-	-	-
Plus additional contribution revenue	-	-	-
09910 Council Reserve	5,815,481	1	5,815,482
Grand Total Available to Appropriate	<u><u>18,663,340</u></u>	<u><u>3,947,956</u></u>	<u><u>22,611,296</u></u>

6/11/18



TREE REMOVAL PERMIT INFORMATION



Click here to search detailed information on Site Clearing and Tree Removal Permits. In reviewing tree removal information on a specific permit, for "B" permits click on the Spec 2 tab; for "L" permits click on the Tree Mitigation tab.

TREE FUND CITY PLANTING PROJECTS




Click here to search detailed information about City Tree Fund Planting Projects.

AVAILABLE FOR APPROPRIATION



15F (Ordinance): \$18,663,340.01
15N (Charter): \$3,947,956.45
Total: \$22,611,296.46

FILE AN ISSUE



Click here to report site clearing or tree removal without a permit, or to request tree maintenance on public property. In the CARE System, select "Tree Remove or Landscape Violation" from the dropdown.

Disclaimer: The AVAILABLE FOR APPROPRIATION information shown on this page is updated nightly from the City's financial records, but does not include any pending appropriations, or other financial transactions of the funds which have not been completed.



If you experience difficulty viewing or accessing the documents provided on this site, or navigating this application's table features, using any assistive technology please contact the Disabled Services Division at 904-630-4940 or 904-630-4933 (TTY) to request an accommodation.

© 2018 - Official City of Jacksonville and Duval County Government Website, All Rights Reserved.

Version: 1.0.0.6

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
Subfund 15F Revenue							
PWOD15FTP	TREE PROTECTION & RELATED EXPENSES	29,393,687	40,864,233		11,470,546		11,470,546
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	7,535,414	8,565,311		1,029,897		1,029,897
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	-	8,580		8,580		8,580
TRIN15FFR31R	TRF TO 15F TREE PROTECTION FR 31F	392	392		-		-
	CONVERSION AND NONCASH REVENUE ENTRIES		338,836		338,836		338,836
Total Subfund 15F Revenue		36,929,493	49,777,352	-	12,847,859		12,847,859
* Subfund 15F Expenditures							
PWOD15FARATP	SANDALWOOD TREE REPLACEMENT PROJECT	13,796	12,416	1,380	-	-	-
PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING	587,850	581,856	5,995	-	-	-
PWOD15FNMS	NORTH MAIN STREET LANDSCAPING	62,057	40,000	22,057	-	-	-
PWOD15FBDAS	BROWN'S DUMP ASH SITE TREE/PLANTING	364,730	342,361	22,370	-	-	-
PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING	494,215	376,792	117,423	-	-	-
PWOD15FDCS	DUVAL COUNTY SCHOOL BOARD PROPERTY	125,000	784	124,216	-	-	-
PWOD15FHRDA	TREE PLANTING - HARTS RD. AT DUNN AVE	23,718	18,975	4,744	-	-	-
PWOD15FDTP	DOWNTOWN TREE PLANTING	38,822	-	38,822	-	-	-
PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT	1,824,408	689,345	1,135,063	-	-	-
PWOD15FMSW	MINDANAO FR ALOHA DR TO WITCHHAVEN ST	9,710	9,710	-	-	-	-
PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING	100,000	65,231	15,483	19,286	-	19,286
PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY	4,679,980	4,612,697	36,528	30,756	-	30,756
PWML15F	TREE MAINTENANCE	1,761,795	1,421,281	323,342	17,172	-	17,172
PWOD15FATPP	AVONDALE TREE PLANTING PLAN	31,233	-	31,233	-	-	-
PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK	85,366	-	85,366	-	-	-
PWOD15FHAMM	HAMMOND BLVD PROJECT	175,761	-	-	175,761	-	175,761
PWOD15FVPP	COUNTY-WIDE TREE PROG-PRESERVATION PARKS	1,000,000	485,146	-	514,854	-	514,854
PWOD15FVAP	COUNTY-WIDE TREE PROG-ACTIVE PARKS	1,151,965	619,420	-	532,545	-	532,545
PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK	18,364	-	18,364	-	-	-
PWOD15FTP	TREE PROTECTION & RELATED EXPENSES	3,548,513	2,097,444	-	1,451,069	1,449,105	1,964
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	2,000,635	-	-	2,000,635	2,000,635	-
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	2,365,741	-	-	2,365,741	2,365,741	-
Subfund 15F Expenditures		20,463,658	11,373,456	1,982,383	7,107,819	5,815,481	1,292,338
* Includes accounts with encumbrances and budget balances							
Unencumbered Budget Balance							
Revenues							12,847,859
Expenditures							7,107,819
Unencumbered Balance net of Reserves							(1,292,338)
Subfund 15F Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)							18,663,340

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
Subfund 15N Revenue							
PWOD15NTM	TREE MITIGATION & RELATED EXPENSES	173,306	4,121,261	-	3,947,955		
	Total Subfund 15N Revenue	173,306	4,121,261	-	3,947,955	-	-
*Subfund 15N Expenditures							
PWOD15NARTS	AVONDALE/RIVERSIDE TREE SURVEY	39,999	39,999	-	-	-	-
PWOD15NBDTP	BAKERSFIELD DRIVE-TREE PLANTING	8,306	7,475	831	-	-	-
JXSF15N	TREE MITIGATION & RELATED EXPENSE	1	-	-	1	1	-
	Subfund 15N Expenditures	48,306	47,474	831	1	1	-
* Includes accounts with encumbrances and budget balances							
Subfund 15N Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)							3,947,956

6/11/18

Year	Encumbrance Number	Enc. Sfx	Sub - fund	Vendor Number	Vendor Suffix	Vendor Name	Encumbrance Balance	Index Code	Index Code Title
2018	CTPW07000014	01	15F	591319010	01	JACKSONVILLE ZOOLOGICAL SOCIETY	1,135,063.14	PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT
2018	CTPW16000066	02	15F	592283261	03	GREENSCAPE OF JACKSONVILLE INC	124,215.60	PWOD15FDCS	DUVAL COUNTY SCHOOL BOARD PROPERTY
2018	PO3019740001	04	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	36,527.50	PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2018	PO3019740003	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	5,994.50	PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING
2018	PO3019740004	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	22,369.50	PWOD15FBDAS	BROWN'S DUMP ASH SITE TREE/PLANTING
2018	PO3019740005	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	117,423.00	PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING
2018	PO7A02942003	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	1,379.55	PWOD15FARATP	SANDALWOOD TREE REPLACEMENT PROJECT
2018	PO7A02942004	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	4,205.00	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942006	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	22,057.00	PWOD15FNMS	NORTH MAIN STREET LANDSCAPING
2018	PO7A02942007	01	15N	340176110	06	THE DAVEY TREE EXPERT COMPANY	830.58	PWOD15NBDTP	BAKERSFIELD DRIVE-TREE PLANTING
2018	PO7A02942008	02	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	519.50	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942010	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	1,076.40	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942012	03	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	1,022.64	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942015	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	8,659.61	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942017	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	38,821.76	PWOD15FDTP	DOWNTOWN TREE PLANTING
2018	PO7A02942017	02	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	4,743.66	PWOD15FHRDA	TREE PLANTING - HARTS RD. AT DUNN AVE
2018	PO7A02942018	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	18,364.21	PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK
2018	PO7A02942019	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	85,366.23	PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK
2018	PO7A02942021	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	31,232.60	PWOD15FATPP	AVONDALE TREE PLANTING PLAN
2018	PO8A01798005	01	15F	161004851	05	LEWIS TREE SERVICE, INC.	323,341.76	PWML15F	TREE MAINTENANCE

1,983,213.74

6/11/18



TREE REMOVAL PERMIT INFORMATION



Click here to search detailed information on Site Clearing and Tree Removal Permits. In reviewing tree removal information on a specific permit, for "B" permits click on the Spec 2 tab; for "L" permits click on the Tree Mitigation tab.

TREE FUND CITY PLANTING PROJECTS




Click here to search detailed information about City Tree Fund Planting Projects.

AVAILABLE FOR APPROPRIATION



15F (Ordinance): \$18,663,340.01
15N (Charter): \$3,947,956.45
Total: \$22,611,296.46

FILE AN ISSUE



Click here to report site clearing or tree removal without a permit, or to request tree maintenance on public property. In the CARE System, select "Tree Remove or Landscape Violation" from the dropdown.

Disclaimer: The AVAILABLE FOR APPROPRIATION information shown on this page is updated nightly from the City's financial records, but does not include any pending appropriations, or other financial transactions of the funds which have not been completed.



If you experience difficulty viewing or accessing the documents provided on this site, or navigating this application's table features, using any assistive technology please contact the Disabled Services Division at 904-630-4940 or 904-630-4933 (TTY) to request an accommodation.

© 2018 - Official City of Jacksonville and Duval County Government Website, All Rights Reserved.

Version: 1.0.0.6