

Jacksonville Tree Commission

Thursday, August 9th, 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: Susan Grandin
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 July 25, 2018 meeting
4. Fund balance and encumbrance report for 15(F), 15(N) and BJP
5. Status of Pending Tree Projects

B. New Business

1. Main Street Project Inventory – Kathleen McGovern
2. Approved Tree List – Kathleen McGovern
3. Ordinance Code, Planting near Powerlines – Susan Grandin
4. Request to Appropriate Funds (\$300,000) to Public Works for Tree Replacement - CM Crescimbeni
5. Evaluate Criteria for Penalties for Improper Tree Clearing or Removal without Permits – CM Crescimbeni
6. Final Project Evaluation and Tier II Application – CM Crescimbeni

C. Public Comment

D. Adjournment – Next meeting is scheduled for Thursday, August 23, 2018.

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Jacksonville Tree Commission
Meeting Minutes August 9, 2018
Approved August 23, 2018

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

Staff: Cindy Chism

Public: Tracey Arpen, Greenscape
John November, Public Trust
Courtney Wilson, Greenscape
Teresa Eichner, COJ Budget Office
Lad Hawkins

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

- A. Meeting was called to Order by Chair at 12:02 PM**
1. All present introduced themselves for the record.
 2. Submittal of Speaker's Cards
 3. Motion made by Mr. Hart, seconded by Mr. Robinson, to approve minutes from July 25, 2018 meeting with one correction noted by Mr. Glick. None opposed.
 4. Fund balance and encumbrance report for 15(F), 15(N) and BJP (Attachment A)
 - a. Mr. Hart asked if there was a way to show the total available from the last meeting. Mr. Provenza agreed.
 5. Status of Pending Tree Projects (Attachment B)
 - a. Ms. McGovern said after walking the Main Street project site with the contractor this week, there were actually only 29 trees that required replacement. Originally, 34 trees were being removed and replaced. However, five cypress trees had recovered since the inception of this project. The trees are on order with an anticipated start dated of August 20th.
 - b. CM Crescimbeni said the Harts Road project has been voted out of the Transportation, Energy and Utilities Committee where a Council Member stated his constituents wanted their district to be like other parts of the city, i.e., planted with date palms. CM Crescimbeni asked Mr. McDaniel for an inventory of date palms by Council District. There are 14 Council Districts with 445 date palms on the City's right-of-way. Twelve Council Districts have no date palms. District 5, San Marco, has 34, and the sponsor of the Harts Road project bill has the rest, 411. Also at the Committee meeting, there was discussion about introducing an ordinance to prevent further planting of date palms. The Harts Road bill sponsor said once he got his five date palms planted he would support such legislation. This legislation has been filed.
- B. New Business**
1. Approved Tree List - Kathleen McGovern (Attachment C)

- a. Columns have been added for Right-of-way, Parks and Duval County Public School. Two trees have also been added: Shumard Oak and Laurel Oak. **The Duval County Public School column will be populated by the School Board representative and then updated. This should be completed early next week.** Anyone who wants to plant trees on school property will have to have approval of the School Board.
 - b. CM Crescimbeni asked if the Approved Tree List had been reconciled with the Approved Countywide Tree Planting Contract List. Mr. Leon said they do not match, however, if there is a request for a tree that is not on the Countywide Contract, a quote is requested from the contractor and compared with other prices. **CM Crescimbeni would like to know how many of the trees on the Approved Tree List are not listed on the Countywide Tree Planting Contract List. Also if the contractor is willing, the contract should be amended to include the missing trees.**
- 2. Ordinance Code, Planting near Powerlines – Susan Grandin**
- a. Ms. Grandin said the Shade Tree Subcommittee is reviewing Section 656.1215, perimeter landscaping. CM Crescimbeni pointed out that JEA had provided a brochure that discussed this as well as the Florida Power and Light brochure he provided. A specific guideline needs to be defined in the code. **Ms. Grandin will draft language for the code using some of the language about Right Tree, Right Place from JEA for submission either with Shade Tree Subcommittee or on its own.**
- 3. Request to Appropriate Funds (\$300,000) to Public Works for Tree Replacement - CM Crescimbeni**
- a. Mr. Pappas proposed two different processes: One for replacement of damaged or dead trees, and the other for citizen requests for a new tree – with some funding allocated to each.
 - b. Mr. Leon added that the requests for trees to be planted in the right-of-way through the CARE system have increased. **CM Crescimbeni asked Mr. Leon to send him the list of all trees requested since January 2018.** Mr. Robinson asked how many trees are removed due to damage or death. Mr. Leon said approximately 400 per year. Mr. Flagg asked what would happen if all the funds were not encumbered at the end of the year. Mr. Pappas said the remaining unencumbered funds would roll over to the following year. Mr. Leon added that every tree planted with these funds can be entered into Plan-It GEO, specifying if the tree was planted as a replacement due to damage or CARE request.
 - c. CM Crescimbeni suggested the monies from 15N be used on larger projects, not these smaller ones. **Ms. McGovern will verify all the trees allowed for 15N are listed on the Approved Tree List.**
 - d. **Ms. Grandin will work with Mr. Pappas on setting some parameters for Countywide Tree Planting 1 (CARE requests) and Countywide Tree Planting 2 (ongoing removal/replacement).** Public works will have the ability to replace incidental trees under two programs: through 630-City (Countywide Tree Planting 1) and ongoing removal/replacement (Countywide Tree Planting 2). Both will be shown on Plan-It GEO and the \$300,000 appropriation which will carry forward.
- 4. Evaluate Criteria for Penalties for Improper Pruning without Permits – CM Crescimbeni**
- a. Mr. Robinson said this would depend on the definition of excessive. Mr. Leon mentioned that the International Study of Arboriculture (ISA) has written best management practices that have existing language they may use or refer to. **Mr. Leon will provide an in-depth report at the next meeting.**
- 5. Final Project Evaluation and Tier II Application – CM Crescimbeni**

- a. CM Crescimbeni asked the Tree Commission who they envision responding to this Tier II Application. Mr. Glick said an HOA or a Corporation who wants to sponsor something in a neighborhood they just moved into; Mr. Hart suggested Greenscape; CM Crescimbeni added Parent/Teacher Organizations, a Rotary Club, a CPAC, Northside Businessmen's Association, Greater Arlington Civic Council; any type of not-for-profit organization that may have an interest in doing something to improve their community.
- b. Currently, this application is designed for sophisticated organizations like Greenscape or other organizations which have familiarity with applications like this, however, it's also for groups that have never had any interaction with local government at all. The Application as it is now will deter inexperienced groups.
- c. Ms. Fetner said the Tree Commission will not meet the timeline as it is, but they can decide on a new first submission deadline and then move to the published schedule. **Ms. Grandin will add language that reflects the two submission deadlines.**
- d. Mr. Arpen commented that the original proposal relied solely on Sunbiz.org as proof that they are active in Duval County. In the reverse, we don't want to exclude an entity whose principle place of business is not registered in Duval County. As for Home Owner's Associations a notable project doesn't necessarily have to be a tree planting project, it could be any type of project. The Tree Commission needs some type of indication that they are a Duval County organization, or a multi-county organization doing multiple projects in Duval County. Ms. Fetner said if proof of operation in Duval County was not readily apparent, the applicant would have to provide this proof. CM Crescimbeni voiced concern that many Home Owners Associations may not have completed any projects, may not have a website, and may not have a newsletter. These organizations shouldn't be precluded from participating.
- e. Mr. Hart wondered if there could be a rule that states these must be volunteer organizations and no funding will go to any organizations trying to make a profit. Mr. Glick said it may be difficult to get projects with no administration fees. Ms. Fetner said the affidavit requires the affirmation of operating in Duval County; it could be more open-ended by adding examples of what they could submit for proof, such as newsletters
- f. Mr. Arpen suggested adding a blank space on the application so the applicant can explain what the nature of their activities are in Duval County.
- g. Mr. Arpen mentioned his concern with larger projects which require someone to manage them and with no administration fees, they may get no applications for significant projects.
- h. CM Crescimbeni proposed a change to the requirement of proof that they operate in Duval County and give a list of items which might satisfy that. If the applicant can check off one of the boxes like a Sunbiz or affiliation with the School Board in Duval County, that would suffice. Mr. Arpen added that he would like to see proof of incorporation. **Commission members were asked to draw up a list of suggested items which could be used to prove activity in Duval County.**
- i. Ms. Grandin pointed out that a developer controls a Home Owner's Association until they have sold 80% of the lots. The way the application is currently written, a developer could apply for tree fund monies to plant trees on City Right-Of-Way. **The Tree Commission needs to look at way to regulate this.**

- j. Since the Tree Commission has now incorporated the Countywide Tree Planting Contract that every submission will be compared to, should five bids still be required? Ms. Fetner pointed out that under the current contract, the contractor has the option to refuse the project. **Ms. McGovern will review the contract and look for that language.** Mr. Pappas agreed that the prices we currently have under contract are hard to beat. CM Crescimbeni pointed out that the administration fees are built into the contract prices already. Are the contractor's prices "in the ground" prices? Could Greenscape purchase the trees from the contractor but have volunteers plant them? Is that a different price? **CM Crescimbeni asked Greenscape to provide a report on the last 10 Greenscape projects including a breakdown on tree inventory, overhead or administrative fees per project.** Mr. November pointed out that if the applicant is planning on using the City Contractor then the 5 bids should not be required. However even if the applicant uses the City contractor, there are still going to be efforts which necessitate reasonable administrative fees. Mr. Hart agreed the only way to get the larger projects done are the larger organizations that can put volunteers together and make it happen. Thresholds could be set for the fees. **Ms. Grandin will clarify that the applicant can use the City countywide contractor or get three bids, but if the three bids are more than the City's Contractor's prices then the Tree Commission will insist on the City's contractor.**
- k. Ms. Fetner said the one-year warranty requirement is in the affidavit. This includes the requirements for operating in Duval County, and having to be a 501(3)C.
- l. CM Crescimbeni said, from the perspective of a Home Owner's Association or PTA, requiring a 100% performance bond and a 100% labor and material payment bond pursuant to Section 255.05 of the Florida Statutes seems onerous. How will a PTA be able to provide this? Ms. Fetner said this language most likely came from Risk Management. If they are not using the City contractor, we need to make sure the City is protected from any type of damages or injuries. Mr. Arpen added that Greenscape had to provide a performance bond for the One Tree, One School project. They also had to have worker's compensation coverage for the volunteers. The administration fee covered the maintenance of traffic, worker's comp coverages, performance bond, landscape plan, coordination for the locations and community outreach. **Perhaps the Tree Commission could provide information on how to procure a performance bond. Ms. Fetner suggested the performance bond and the payment bonds be removed from the affidavit and only be listed in the instructions with language that clarifies if their project is approved, they may be required to provide a performance and/or payment bond. Ms. Grandin will rewrite this portion and add to the instruction.**
- m. In the affidavit, there is also a liability insurance requirement. Is this just a Certificate of Insurance from the Applicant's contractor? Ms. Fetner said the Tree Commission is treating them just like they treat any other contractor with the City. **Ms. Grandin will determine if a Home Owner's Association submitted a Certificate of Insurance for liability from their contractor if that would meet this requirement. Ms. Grandin will add the liability insurance requirement to the instructions document as well.** Liability insurance has nothing to do with the size of the project and can be purchased relatively cheaply. **The Tree Commission should set a minimum threshold for Liability Insurance.**

6. Shade Tree Subcommittee – Curtis Hart

- a. The future direction of this subcommittee will be determining how much shade should be on parking lots. The standard for many cities with ordinances for shade is 50% shade within 15 years of building a parking lot. The Tree Commission needs to decide how much shade to require. **Mr. Hart will forward to Ms. Grandin the ordinances from various cities he has collected.**

C. Action Items

Approved Tree List

- The Duval County Public School column will be populated by the School Board representative and then updated. This should be completed early next week.
- CM Crescimbeni would like to know how many of the trees on the Approved Tree List are not listed on the Countywide Tree Planting Contract List. Also if the contractor is willing, the contract should be amended to include the missing trees.
- Ms. McGovern will verify all the trees allowed for 15N are listed on the Approved Tree List.
- Mr. Leon will send CM Crescimbeni the list of all new tree requests since January 2018 through the CARE System.

\$300,000 Appropriation - Ms. Grandin will work with Mr. Pappas on setting some parameters for Countywide Tree Planting 1 (CARE requests) and Countywide Tree Planting 2 (ongoing removal/replacement).

Improper Tree Pruning/Clearing - Mr. Leon will provide an in-depth report at the next meeting on the International Study of Arboriculture's (ISA) best management practices regarding proper pruning and clearing.

Tier II Application

- Ms. Grandin will add language which reflects the two submission deadlines. Ms. Grandin will delete the last portion of the sentence; "each Commissioner will have 10 minutes per application for questions."
- Commission members will draw up a list of suggested items which could be used to prove activity in Duval County.
- Ms. McGovern will review the Countywide Tree Planting contract and look for language which allows for the contractor to refuse projects.
- CM Crescimbeni asked Greenscape to provide a report on the last 10 Greenscape projects including a breakdown on tree inventory, overhead or administrative fees per project.
- Ms. Grandin will clarify that the applicant can use the City countywide contractor or get three bids, but if the three bids are more than the City contractor's prices then the Tree Commission will insist on using the City's contractor.
- Ms. Grandin will add language in the scoring portion which requires a breakdown of any administration fees requested.
- Ms. Grandin will remove the performance bond and the payment bonds from the affidavit which states that if the project is approved the applicant may be required to provide a performance and or payment bond. This will include instructions on how to procure said bonds.
- Ms. Grandin will determine the answer for when a Home Owner's Association submits a Certificate of Insurance for liability from their contractor, if that would that meet this requirement. Ms. Grandin will add the liability insurance requirement to the instructions document as well.
- The Tree Commission will set a minimum threshold for Liability Insurance, please bring your suggestions to the next meeting.

Shade Tree Ordinance

- Mr. Hart will forward to Ms. Grandin the ordinances from various cities he has collected.
- Mr. Leon will send the contact information for Green Infrastructure Center to Mr. Hart.

D. Public Comment

John November – Will the Application be ready in September? CM Crescimbeni replied that no, it will not. The submission dates in the Application will remain the same but the first submission will be later. Mr. November continued, I have begun work on the electronic version of the application which I will share with ITD. CM Crescimbeni asked Mr. November to send it to him. Mr. November said the application he's working on is really just to give ITD an idea on what will be required when we're ready. Once the process is decided and date for submissions what kind of outreach will be shared with the community? It's important from a fairness perspective that we get the word out.

Regarding liability insurance, if a non-profit organization is using the City's Countywide Tree Planting contractor do they still need liability insurance for that project?

Mr. November suggested Mr. Hart may want to contact Green Infrastructure Center; one of the things they discussed is exactly what you were talking about regarding shade requirements. **Mr. Leon will send the contact information for Green Infrastructure Center to Mr. Hart.**

Mr. November addressed administrative fees – let's use Springfield Preservation and Revitalization as an example. S.P.A.R. will have community meetings, walk the legislation through committees, communicate with the contractor and monitor the project start to finish. Anything which will take a large amount of effort and coordination will require administration fees. The Tree Commission could say they accept the project but will only give you a certain amount of money for administration. CM Crescimbeni asked if the project costs more than if the City's Countywide Tree Planting contractor did, should we still approve it? Mr. November replied that should be decided on a case by case basis. If the applicant can justify it, then maybe. I think most people will use the City's contractor because the pricing is so good.

Adjourned 1:59pm.

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	29,420,122	41,017,078		11,596,955		11,596,955
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	7,535,414	8,625,693		1,090,280		1,090,280
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	-	8,580		8,580		8,580
TRN15FFR31R	TRF TO 15F TREE PROTECTION FR 31F	392	392		-		-
	CONVERSION AND NONCASH REVENUE ENTRIES		338,836		338,836		338,836
	Total Subfund 15F Revenue	36,955,929	49,990,579		13,034,651		13,034,651
* Subfund 15F Expenditures							
PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING	587,850	581,856	5,995	-	-	-
PWOD15FNMS	NORTH MAIN STREET LANDSCAPING	62,057	40,000	22,057	-	-	-
PWOD15FBDA5	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	32,757	-	92,244	-	92,244
PWOD15FDTP	DOWNTOWN TREE PLANTING	38,822	26,314	12,508	-	-	-
PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT	1,824,408	689,345	1,135,063	-	-	-
PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING	100,000	74,074	6,640	19,286	-	19,286
PWOD15FR0W	COUNTY-WIDE TREE PROG-RIGHT OF WAY	4,679,980	4,613,147	36,078	30,756	-	30,756
PWML15F	TREE MAINTENANCE	1,761,795	1,604,739	149,412	7,643	-	7,643
PWOD15FATPP	AVONDALE TREE PLANTING PLAN	31,233	-	31,233	-	-	-
PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK	85,366	-	85,366	-	-	-
PWOD15FFHAMM	HAMMOND BLYD 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	-	-	-
PWOD15FLAVC	LENOX AVE PLANTING VERNA TO CASSAT	26,436	-	26,436	-	-	-
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	20,442,870	11,583,392	1,668,944	7,190,533	5,815,481	1,375,053

* Includes accounts with encumbrances and budget balances

Unencumbered Budget Balance 13,034,651
 Revenues 7,190,534
 Expenditures (1,375,053)
 Unencumbered Balance net of Reserves 18,850,132
 Subfund 15F Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
PWOD15N1TM	Subfund 15N Revenue						
	TREE MITIGATION & RELATED EXPENSES	173,306	4,860,849	-	4,687,543	-	-
	Total Subfund 15N Revenue	173,306	4,860,849	-	4,687,543	-	-
PWOD15NBDTP	*Subfund 15N Expenditures						
JXSF15N	BAKERSFIELD DRIVE-TREE PLANTING	8,306	7,475	831	-	-	-
	TREE MITIGATION & RELATED EXPENSE	1	-	-	1	-	-
	Subfund 15N Expenditures	8,307	7,475	831	1	1	-
	* Includes accounts with encumbrances and budget balances						
	Subfund 15N Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)						4,687,544
PWCPS1MIT	Better Jacksonville Plan						
	TREE MITIGATION PROJECT	1,717,826	-	-	1,717,826	-	1,717,826
	Better Jacksonville Plan (for Tree Mitigation) Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)						1,717,826
	Total 15F and 15N Funds						23,537,676
	Better Jacksonville Plan - TREE MITIGATION PROJECT						1,717,826
	Grand Total						25,255,502



TREE MITIGATION

CITY OF JACKSONVILLE



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):	\$18,850,131.63
15N (Charter):	\$4,687,543.94
Better Jacksonville Plan - Tree Mitigation Project:	\$1,717,826.00
Total:	\$25,255,501.57



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.



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Version: 1.0.0.6

8/6/18

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	SOCIETY	1135063.14	PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT
2018	PO3019740001	04	15F	340176110	07	COMPANY	36077.5	PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2018	PO3019740003	02	15F	340176110	07	COMPANY	5994.5	PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING
2018	PO3019740004	02	15F	340176110	07	COMPANY	22369.5	PWOD15FBDAS	BROWN'S DUMP ASH SITE TREE/PLANTING
2018	PO3019740005	02	15F	340176110	07	COMPANY	117423	PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING
2018	PO7A02942004	01	15F	340176110	06	COMPANY	4205	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942006	01	15F	340176110	06	COMPANY	22057	PWOD15FNMS	NORTH MAIN STREET LANDSCAPING
2018	PO7A02942007	01	15N	340176110	06	COMPANY	830.58	PWOD15NBDTP	BAKERSFIELD DRIVE-TREE PLANTING
2018	PO7A02942008	02	15F	340176110	06	COMPANY	519.5	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942010	01	15F	340176110	06	COMPANY	538.2	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942012	03	15F	340176110	06	COMPANY	511.32	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942015	01	15F	340176110	06	COMPANY	865.96	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942017	01	15F	340176110	06	COMPANY	12508.02	PWOD15FDTP	DOWNTOWN TREE PLANTING
2018	PO7A02942018	01	15F	340176110	06	COMPANY	18364.21	PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK
2018	PO7A02942019	01	15F	340176110	06	COMPANY	85366.23	PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK
2018	PO7A02942021	01	15F	340176110	06	COMPANY	31232.6	PWOD15FATPP	AVONDALE TREE PLANTING PLAN
2018	PO7A02942023	01	15F	340176110	06	COMPANY	26435.84	PWOD15FLAVC	LENOX AVE.PLANTING VERNA TO CASSAT
2018	PO8A01798005	01	15F	161004851	05	LEWIS TREE SERVICE, INC.	149412.28	PWML15F	TREE MAINTENANCE
							1,669,774.38		

APPROVED TREES FOR CITY RIGHT-OF-WAY LANDSCAPING AND PARKS

Tree	Right of Way	Parks	Height/Spread	Plan Canopy Diameter	Foliage	Light Required	Soil Drainage	Drought Tolerance	Growth Rate	Soil Tolerance (pH)	IFAS FL Friendly
SMALL TREES											
American Hornbeam <i>Carpinus caroliniana</i>	Y	Y	30-35' / 25'30'	20'	DECID	FS,PS	WD	HIGH	SLOW	(4.2-7.6)	Y
Ashe Magnolia <i>Magnolia macrophylla ssp. ashei</i>	Y	Y	20'	20'	DECID	PSH, SH	OW	MOD	MOD	(4.8-7.5)	
Eastern Redbud <i>Cercis canadensis</i>	Y	Y	15-30' / 15-25'	20'	DECID	FS, PSH	WD	HIGH	RAPID	(4.2-7.6)	Y
Flattwoods Plum <i>Prunus umbellata</i>	Y	Y	12 - 20'	20'	DECID	FS,PSH	WD	MOD	MOD	(4.8-7.5)	Y
Crape Myrtle <i>Lagerstroemia indica var. Natchez, Muskogee, or Tuskegee)</i> , Standard or Multi-trunk	Y	Y	15-20' / 15-25'	18'	DECID	FS	WD	HIGH	MOD	(5.0-7.5)	Y
Hawthorn <i>Crataegus spp.</i>	Y	Y	25'	25'	DECID	FS,PSH	WD	HIGH	MOD	(4.8-7.5)	Y
Fringe Tree <i>Chionanthus virginicus</i>	Y	Y	12-20' / 10-15'	10'	DECID	FS, PSH, SH	WD	MOD	SLOW	(6.0-6.5)	Y
Little Gem Magnolia <i>Magnolia grandiflora 'Little Gem'</i>	Y	Y	25-35' / 8-10'	15'	E'GRN	FS, PSH, SH	AW, WD	MOD	SLOW	(4.5-5.0) tolerant to 7.5	Y
Yaupon Holly <i>Ilex vomitoria</i>	Y	Y	15-25' / 15-20'	15'	E'GRN	FS, PSH, SH	AW, WD	HIGH	SLOW	(4.5- 8.2)	Y
Wax-Leaf Ligustrum <i>Ligustrum japonicum</i>	Y	Y	8-12' / 15-25'	12'	E'GRN	FS, PSH	WD	MOD	MOD	(5.5-7.5)	Y
* Wax Myrtle <i>Myrica cerifera</i>	Y	Y	15-25' / 20-25'	20'	E'GRN	FS, PSH, SH	W, WD	HIGH	RAPID	(5.5-7.0) tolerant to 8.2	
Walters Viburnum <i>Viburnum obovatum</i>	Y	Y	8-25' / 6-12'	10'	SEMI-E'GRN	FS, SH	W, OW	HIGH	MOD	(5.0-7.5)	Y
MEDIUM TREES											
Athens Elm <i>Ulmus parvifolia 'Emerl'</i>	Y	Y	45' / 50'	30'	DECID	FS	OW, WD	MOD	MOD	(4.8-7.5)	
Bosque Elm <i>Ulmus parvifolia 'Bosque'</i>	Y	Y	45' / 50'	30'	DECID	FS	OW, WD	MOD	MOD	(4.8-7.5)	
¹² Drake Elm <i>Ulmus parvifolia 'Drake'</i>	Y	Y	35-40' / 35-50'	30'	DECID	FS, PSH	OW, WD	MOD	MOD	(4.8-7.5)	
Dahoon Holly <i>Ilex cassine</i>	Y	Y	20-30' / 8-12'	15'	E'GRN	FS, PSH	W, OW	MOD	SLOW	(3.5-6.5)	Y
Eagleston Holly <i>Ilex attenuata 'Eagleston'</i>	Y	Y	30-45' / 15-25'	20'	E'GRN	FS, PSH	WD	MOD	MOD	(4.0-6.0) tolerant to 7.5	
Loquat <i>Eriobotrya japonica</i>	Y	Y	20 - 30'	30'	DECID	FS, PSH	WD	MOD	SLOW	(4.8-7.5)	Y
East Palatka Holly <i>Ilex attenuata 'East Palatka'</i>	Y	Y	30-45' / 15-25'	20'	E'GRN	FS, PSH	WD	MOD	MOD	(4.0-6.0) tolerant to 7.5	Y
Sand Pine <i>Pinus clausa</i>	Y	Y	25 - 40'	15 - 25'	E'GRN	FS, PSH	WD	HIGH	SLOW	(4.8-7.5)	Y

APPROVED TREES FOR CITY RIGHT-OF-WAY LANDSCAPING AND PARKS

Tree	Right of Way	Parks	Height/Spread	Plan Canopy Diameter	Foliage	Light Required	Soil Drainage	Drought Tolerance	Growth Rate	Soil Tolerance (pH)	IFAS FL Friendly
Sweetbay Magnolia <i>Magnolia virginiana</i>	Y	Y	40 - 50'	40'	DECID	FS, PSH	OW, WD	MOD	MOD	(4.8-7.5)	Y
Southern Red Cedar <i>Juniperus stricta</i>	Y	Y	30-40'/ 20-30'	20'	E'GRN	FS, PSH	WD	HIGH	SLOW	(5.5-7.5) tolerant to 8.0	Y
American Hophornbeam <i>Ostrya virginiana</i>	Y	Y	30 - 40'	25 - 30'	DECID	FS, PSH, SH	WD	MOD	MOD	(3.5-6.5)	Y
River Birch <i>Betula nigra</i>	Y	Y	40-50'/ 25-35'	20'	DECID	FS, PSH	W, OW	LOW	RAPID	(4.0-6.5) tolerant to <4.0	Y
Winged Elm <i>Ulmus alata</i>	Y	Y	40-50'/ 30-40'	30'	DECID	FS, PSH	OW, WD	LOW	MOD	(5.0-7.0) tolerant to 8.0	Y
¹⁰ LARGE TREES											
Allee Elm <i>Ulmus parvifolia 'Emer II'</i>	Y	Y	75/ 60'	30'	DECID	FS	OW, WD	MOD	MOD	(4.8-7.5)	
Bald Cypress <i>Taxodium distichum</i>	Y	Y	60-80'/ 25-30'	25'	DECID	FS, PSH	W, OW, WD	MOD	RAPID	(4.0 to 6.0) tolerant to 7.5	Y
Hickory <i>Carya sp.</i>	Y	Y	50 - 60'	35'	DECID	FS, PSH	WD	MOD	SLOW	(4.8-7.5)	Y
Blackgum <i>Nyssa sylvatica</i>	Y	Y	75/ 25-30'	30'	DECID	FS, PSH, SH	W, OW, WD	HIGH	SLOW	(6.0-7.0)	Y
Live Oak <i>Quercus virginiana</i>	Y	Y	60-80'/ 60-120'	50'	E'GRN	FS, PSH	OW, WD	HIGH	MOD	(4.5-6.5) tolerant to 8.0	Y
Overcup Oak <i>Quercus lyrata</i>	Y	Y	35-50'/ 30-50'	35'	DECID	FS, PSH	W, OW, WD	LOW	MOD	(4.5-6.0)	Y
Laurel Oak <i>Quercus laurifolia</i>	Y	Y	60/40-60'	35'	DECID	FS, PSH	W, OW, WD	MOD	RAPID	(4.5-6.0)	
Nuttall Oak <i>Quercus nuttallii</i>	Y	Y	60-80'/ 35-50'	35'	DECID	FS	OW, WD	LOW	MOD	(4.5-5.5)	Y
Shumard Oak <i>Quercus shumardii</i>	Y	Y	80/50-60'	35'	DECID	FS, PSH	W, OW, WD	HIGH	RAPID	(4.5-5.5)	Y
Persimmon <i>Diospyros virginiana</i>	Y	Y	30 - 60'	30'	DECID	FS, PSH	WD	MOD	SLOW	(3.5-6.5)	
Red Maple <i>Acer rubrum</i>	Y	Y	60-75'/ 25-35'	30'	DECID	PSH	W, OW	LOW	MOD	(5.4-7.1)	Y
Loblolly Bay <i>Gordonia lasianthus</i>	Y	Y	70'	20'	E'GRN	FS, PSH	W, OW, WD	MOD	MOD	(4.8-7.5)	Y
Slash Pine <i>Pinus elliotii</i>	Y	Y	60-80'/ 30-40'	20'	E'GRN	FS, PSH	OW, WD	HIGH	RAPID	(4.5-7.0)	Y
Long Leaf Pine <i>Pinus palustris</i>	Y	Y	60-80'/ 30-40'	20'	E'GRN	FS	WD	HIGH	MOD	(4.5-7.0)	Y
Southern Magnolia <i>Magnolia grandiflora</i>	Y	Y	30-100'/ 20-40'	30'	E'GRN	FS, PSH	OW, WD	MOD	MOD	(5.5-6.5) tolerant to 7.5	Y
Sweetgum <i>Liquidambar styraciflua</i>	Y	Y	60-75'/ 35-50'	30'	DECID	FS, PSH	W, OW	LOW	MOD	(4.5-7.0) tolerant to 7.5	Y

APPROVED TREES FOR CITY RIGHT-OF-WAY LANDSCAPING AND PARKS

Tree	Right of Way	Parks	Height/Spread	Plan Canopy Diameter	Foliage	Light Required	Soil Drainage	Drought Tolerance	Growth Rate	Soil Tolerance (pH)	W/FAS FL Friendly
Sycamore <i>Platanus occidentalis</i>	Y	Y	75-90' / 50-70'	30'	DECID	FS	W, OW, WD	MOD	RAPID	(4.9-6.5), tolerant up to 8.0	Y
Tulip Poplar <i>Liriodendron tulipifera</i>	Y	Y	80-100' / 30-50'	30'	DECID	FS, PSH	OW, WD	MOD	RAPID	(4.5-6.5) tolerant up to 7.5	Y
*Weeping Willow <i>Salix babylonica</i> or <i>alba</i> PALMS		Y	45-70' / 4 5-70'	30'	DECID	FS, PSH	OW, WD	MOD	RAPID	(4.5-7.5)	
Washington Palm <i>Washingtonia robusta</i>	Y	Y	60-100' / 10-15'	12'	E'GRN	FS, PSH	OW, WD	HIGH	RAPID	(5.5-7.5) tolerant up to 8.0	Y
Cabbage Palm <i>Sabal palmetto</i>	Y	Y	40-50' / 10-12'	10'	E'GRN	FS	OW, WD	HIGH	MOD	(6.0-6.8) tolerant up to 8.0	Y
Ribbon Palm <i>Livistona decipiens</i>	Y	Y	30-50' / 18-25'	15'	E'GRN	FS	WD	HIGH	MOD	(5.5-7.5)	

APPROVED TREES FOR CITY RIGHT-OF-WAY LANDSCAPING AND PARKS

Tree	Right of Way	Parks	Height/Spread	Plan Canopy Diameter	Foliage	Light Required	Soil Drainage	Drought Tolerance	Growth Rate	Soil Tolerance (pH)	IFAS FL Friendly
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LEGEND

¹ Draw each tree symbol on the landscape plan to the diameter shown above to match the normal mature (20 year) canopy of each tree species. Do not overlap tree canopies of different species (ie, do not show the canopy circle of a sun loving crape myrtle overlapping the mature canopy circle of a live oak). However, tree canopy circles of the same species can overlap to create tree clusters or to create a solid, closely spaced row of trees. Also, new understory trees can be shown under existing shade trees if existing trees have high branching.

² Foliage: DECID = Deciduous, EGRN = Evergreen

³ Light Requirement: FS = Full Sun, PSH = Partial Shade (2-5 hrs. of sun or filtered sun), SH = Full Shade (<2 hrs. sun)

⁴ Soil Drainage: W=Always Wet (soil saturated for more than several days during growing season), OW=occasionally Wet (Soil saturated for several days during growing season), MOD=Moderate (occasional watering required during dry periods in growing season), LOW= Low (frequent watering required during dry periods of growing season)

⁵ Drought Tolerance: HIGH=High (no watering required once well established), MOD= Moderate (occasional watering required during dry periods in growing season), LOW= Low (frequent watering required during dry periods of growing season)

⁶ Growth Rate: SLOW=Slow (<1ft/ yr.), MOD=Moderate (1-2 ft/ yr.), FAST=Fast (>2ft/ yr.)

⁷ Use Live Oak cultivars (Q. v. 'SDLN' ('Cathedral' Live Oak) or Q. v. 'QVITA' ('Highrise' Live Oak)) in medians when a single row of oaks with uniform spacing is desired. Use 'Highrise' Oak where oaks are near overhead power lines. Use common live oak for informal groupings.

⁸ Limit use of River Birch, Red Maple, and Weeping Willow to clusters around retention ponds and in areas of R.O.W. undisturbed by construction. Do not use in medians or within 20' of pavement. These trees don't do well in alkaline conditions generally found near pavement. Because River Birch and Willows have a short life span, use these tree sparingly. Generally, cluster with longer lived tree types.

⁹ Use Wax Myrtle only in mass planting for visual screening and transition into natural areas.

¹⁰ Provide 6'-8' minimum between Large Trees and pavement, curbs and other structures.

¹¹ Trees not on the above approved list may be considered for approval by the Mowing and Landscape Maintenance Division. Contact Fred Pope, PLA (fpope@coj.net or 904.255.4305) to obtain written approval.

¹² Because of weeping nature of Drake Elm, limit use to medians 30' wide or greater, measured from the edge of travel lane (i.e. two 1.5' curb & gutter & 27' grassed median) and where the tree can be set back 15' from the travel lane, if planted on the side of the street.

¹³ The definition of Florida-Friendly Landscaping™ in Florida Statutes section 373.185 (adopted in 2009 in Senate Bill 2080) addresses "quality landscapes that conserve water, protect the environment, are adaptable to local conditions, and are drought tolerant. The principles of such landscaping include planning the right plant in the right place, efficient watering, appropriate fertilization, mulching, attraction of wildlife, responsible management of yard pests, recycling yard waste, reduction of stormwater runoff, and waterfront protection. Additional components include practices such as landscape planning and design, soil analysis, the appropriate use of solid waste compost, minimizing the use of irrigation, and proper maintenance."

NOTE: When landscaping on Public Educational Facilities in Florida (including colleges and universities), please refer to State Requirements for Educational Facilities manual for a comprehensive description of planting standards at www.flrules.org.

CITY OF JACKSONVILLE TREE PLANTING PROJECTS - ACTIVE

Attachment B

See jaxtreemgmt.com - 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		8/20/2018				In Progress - Trees on Order
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	\$18,364.21	4/20/2018	6/1/2018		8/8/2018	Complete Pending Inspection
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	8/20/2018		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 (\$18,260.20)	2018-0190	Public Works - Mowing and Landscape Dave McDaniel/Kathleen McGovern	\$37,398.25						Amended and Preparing to Resubmit
14	Avondale Neighborhood - Tree Planting Plan	Tree Planting in City ROW on residential streets in Avondale replace dead/form 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		7/19/2018	7/19/2018	8/20/2018		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-E	Public Works - Mowing and Landscape Dave McDaniel/Kathleen McGovern	\$26,435.84						Scheduling
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						In Committee

*Changes highlighted in green