CHARLOTTESVILLE TREE COMMISSION

Tuesday, October 5, 2021 5:00 - 7:00 pm Virtual|Electronic Meeting

AGENDA

Call to Order & Chair Report (B. Menard)	5:00
Approve July & September Minutes	
Committee Reports	5:10
 Education & Advocacy (P. Van Yahres) Annual Dashboard [Fiñancial Data] Cville ReLeaf Draft Annual Report to City Council 	
Arborist Report (M. Ronayne)	5:55
 Tree Planting List & Schedule Review Operating Budget Request Review CIP Budget Request Status of Canopy Study, Mall Trees, Nominated Trees 	
General Public Comment (†)	6:40
Items/Announcements Not on Agenda	6:45
Action Items for Next Meeting	6:55
Adjourn	7:00

(t) At the discretion of the Chair, public comments related to particular agenda items may be solicited at that point in the meeting.

This virtual/electronic meeting is open to the public. You may participate electronically by registering at www.charlottesville.gov/zoom or via telephone by using the number provided with the Zoom registration. Or you may contact staff at 434-970-3182 to receive the dial in number. In addition to the Zoom webinar, this meeting will be available on the City's streaming platforms, including Facebook, Twitter, and www.charlottesville.gov/streaming.

Individuals with disabilities who require assistance or special arrangements to participate in the public meeting may call the ADA Coordinator at (434) 970-3182 or submit a request via email to ada@charlottesville.gov. The City of Charlottesville requests that you provide a 48-hour notice so that proper arrangements may be made.

Tree Commission

September 2021 Minutes

Date: September 14, 2021

Time: 5:00PM - 7:00PM

Location: Remotely via Zoom meeting

Attending: Brian Menard, Mark Rylander, Peggy Van Yahres, Jeffrey Aten, Vicki Metcalf, Jean Umiker-

Sebeok, Jacqueline Dugery, Jeff Pacelli, Mark Zollinhofer,

Absent: Jody Lahendro Anson Parker,

Staff: Mike Ronayne, Brian Haluska, Todd Brown, Sam Sanders

Attendees: Brian Haluska, Roxanne White

Guests: none

The meeting was called to order at 5:02 p.m.

July Minutes Corrections -

Action on the minutes was deferred until the October meeting.

Sam Sanders addresses the Tree Commission – With Todd Brown's departure, Sam commits the City's efforts to support the Tree Commission, Parks Dept., and Urban Forestry program. The Tree Commission stated interest in being involved with hiring of the new director.

Committee Reports

Education and Advocacy - Data Charts and C'ville ReLeaf - Peggy

Peggy shared the data charts created by Brian Ray using Tableau which shows last year's activities. The charts will be part of the Annual State of the Forest Report to Council.

C'ville ReLeaf has been awarded \$13,000. Most tree planting will take place in 2022. The group will provide a presentation to students at Venable this fall. The group will also be working with Carolyn Schuyler from Wildrock to teach children at the Lugo-McGinness Academy about trees and green jobs. They are also looking for teachers to help develop a unit on trees.

Arbor Committee – Tree Planting Locations – Jeff Aten

The group would like to amend some of the criteria for preferred tree planting locations. Also, the committee is going to explore ways to review and provide suggested locations to the urban forester. The criteria will be returning to the Commission next month.

Codes and Committees - Upcoming Zoning Ordinance Rewrite - Tim Padalino

Tim reviews the four recommendations for the zoning rewrite so that they may be prepared when the process begins. The recommendations have a focus on trees, sustainability, process and stronger consequences for enforcement of tree protection.

Arborist Report - Mike

Report on FY 2021 - Last planting cycle there was no additional funding provided for tree planting, but Parks was able to plant 23 trees using leftover funds. The entire \$218,000 operating budget was utilized for tree maintenance last year.

CIP Request – Mike has not heard of a timeline for the CIP process. He plans to put forward a \$100,000 request for tree planting and \$100,000 for emerald ash borer affected trees.

Mall Planter - Mike is still waiting to hear back from NDS and the contractor as to how and when he and the Commission are to provide input for the new planter at the CODE building on the Mall extension.

Canopy Study – RFQ is posted and closes Friday. The RFQ specifies that the project be completed by December 1st so that data obtained may be used in the Commission's Annual "State of the Forest" Report to Council.

Garrett Street Trees – Arborist reports were provided in support of the Commission's nominations and all nominated tress will be moved forward to Council for consideration under the City's Tree Conservation Ordinance. Brian will draft a letter to accompany the nomination packet, for which he will seek input from the Commission.

Other Items Not on Agenda

Mall Tree Pruning at 414 E. Main St. — A property owner on the Mall hired a contractor not under the City's supervision and improperly pruned one of the Mall trees for a project involving their property. The citizen had conferred with Mike about this and had been informed of the proper procedure, including that any work on the tree would be done by the City's contractor with costs assessed to the property owner. The Commission will explore solutions and remediation.

Jeff Pacelli – Asked if the Commission would be interested in contacting another Tree Commission or City arborist that has dealt with emerald ash borer. Commissioners thought this a good idea, and Brian suggested that Jeff coordinate this with Mike.

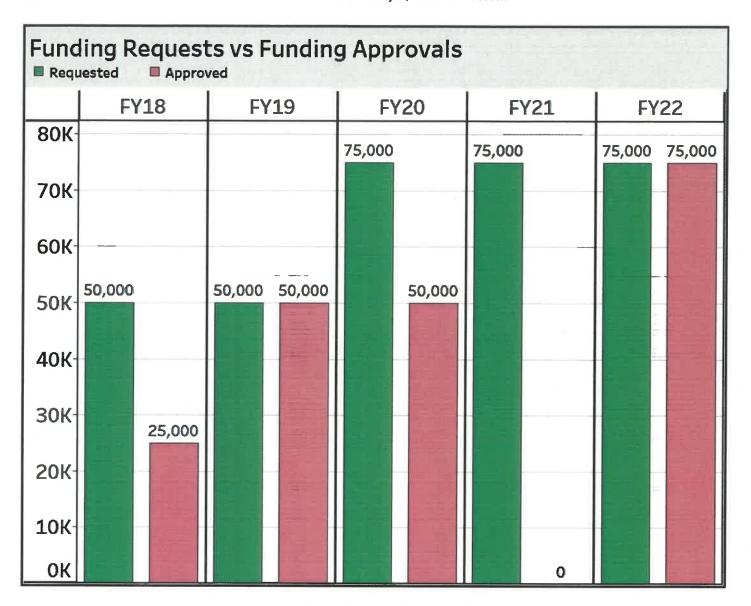
Public Comment:

Roxanne White reported issues accessing the Agenda and Agenda Packet from the City website. Mike will confirm that it is posted and accessible in the correct location for the public.

Meeting Action Items:

- Chair and vice chair will return with updated charts for Annual State of the Forest Report
- Mike will follow up on CODE planter
- Mike will confirm agenda items are on website
- Brian will draft a letter for Garrett Street trees
- Group will work on input for tree planting priorities

The meeting was adjourned at 7:12 p.m.



Cville ReLeaf Update
Nurturing Kids and Communities
Through Nature
9/29/2021

1. TREE PLANTING

Trees to be Planted at Venable and Lugo McGinness Academy (Venable serves children in the 10th and Page neighborhood, our target neighborhood. Both schools are on the border of 10th and Page)

Working with City arborist, about 17 trees will be planted at these schools this fall.

2. EDUCATIONAL EVENTS "The Value of Trees and Nature in the City" Presentation to 3rd and 4th Graders at Venable

We and Lucy Hartley, a City park planner, are preparing this presentation for November 3 and 4. It will also include tree related activities for the children on their playground.

(To teach them about the benefits of trees, on the same day last week we compared the temperature on the hot unshaded playground for young kids and their shaded playground for older kids. It was 20 degrees different! See photos opposite)

Lugo McGinness Academy

At the City's alternative school, we are working with Carolyn Schuyler from Wildrock to develop a unit on the value of trees and nature in the City.

The City of Promise

Lucy is hoping to work with Sarah Shedd, their early learning director, to present a similar presentation and activities to their 3rd and 4th graders.

All City Schools • "Urban Heat and Canopy Coverage" Unit

Erin Giebner, an environmental science teacher at CHS, is coordinating the ISTEM elementary, middle and high school teachers to develop lessons and activities to be incorporated into all classrooms. Part of this unit will be introducing teenagers to jobs in the green industries.

Spring Event at Washington Park

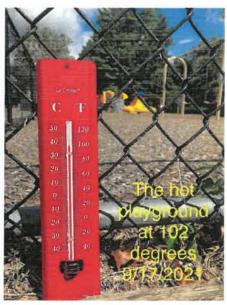
Lucy is helping us plan an event around Arbor Day to introduce teenagers and families to job possibilities in the green industries and local environmental organizations.

3. MARKETING AND FUNDRAISING Web site and Educational/Fundraising Materials

Part of the Genan Foundation donation is for a web site. We are developing a logo, one page handout and the web page.

4. TIMELINE AND OUTREACH

We have developed a detailed timeline of our activities and list of people and organizations to contact once we have our marketing/educational materials complete.

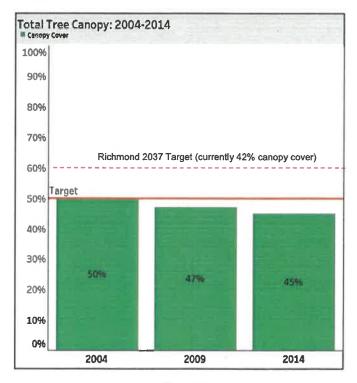




STATE OF THE URBAN FOREST

FY2020 Annual Report of the Charlottesville Tree Commission

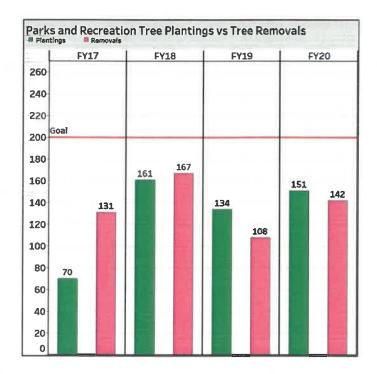
City Council established the Tree Commission in December 2010 with the charge to "protect and improve the urban forest," in pursuit of a "better quality of life for City residents and . . . environmental and aesthetic benefits." Throughout the pandemic year, a year of social upheaval and environmental crises as well, the Commission endeavored to execute this-charge. Beyond addressing environmental sustainability and aesthetic benefits, the Commission more fully embraced the reality that improving the urban forest is also a matter of environmental justice and social justice. These are all defining challenges for Charlottesville. Here are some measures of how the City and the Commission responded this past year.



<u>Critical Importance of the Urban Tree Canopy</u> – Increasing the City's urban tree canopy is critically important for enhancing numerous City goals: public health; energy conservation; environmental sustainability; water and air quality; stormwater

management; and environmental justice. *Unfortunately,* Charlottesville's overall tree canopy cover continues to decline, and the City has not succeeded in meeting its annual tree planting goals each of the past four years.

The amount of the City's land area with tree canopy cover declined 5% between 2004 and 2014, which is a loss of roughly 325 acres of canopy. Although the next canopy study (aerial flyover) will not occur until summer 2021, preliminary *i-Tree* software projections suggest a consistent pattern of loss, with an additional 2% decline (135 acres) since 2014. As such, the City's total land area covered by tree canopy has declined from 50% to 43% in the last 16 years – a 7% decline, or total tree canopy loss of approximately 460 acres. (See map on page 4.)



<u>Critical Need to Plant Trees</u> – "Number of trees planted" each year is a primary measure for assessing whether or not Charlottesville is achieving its Strategic Plan vision of a "green city". The City's goal is to plant 200 trees every year, but it has not met this goal in any of the past four years. Only 129 trees have been planted on average each year, which is a 65% success rate. To compound this disappointing trend, over the same period the City has removed more trees than it has replaced.

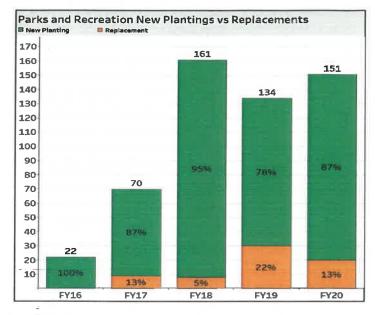
With 548 trees removed and 516 trees planted over the past four years, the City has an overall tree replacement rate of 94%, thus averaging less than one tree planted for each tree that it takes down. This means that additional trees are not being planted to counteract the years-long

decline in the tree canopy. And a majority of trees planted each year by the Parks and Recreation Department simply replace those that have been removed.

The urban forest is suffering further fragmentation and degradation as a result of the development of private land, a process in which the City's review and regulation is limited and a substantial number of trees (many with large, mature canopies) are cut down.

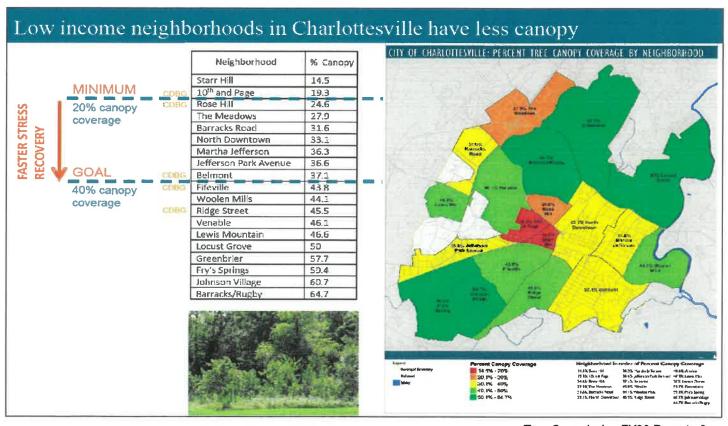
<u>Tree Canopy, Heat Islands, Public Health, & Justice</u> – Nine of the City's 19 neighborhoods are "low-canopy" (below 40% canopy cover), and two are "extremely low-canopy" (below 20% canopy cover).

Science reveals that residential zones with tree canopy cover below 40% are effectively unhealthy neighborhoods, accounting for the majority of heat-related illnesses in any community. Neighborhoods with less than 20% canopy face even higher surface temperatures and greater utility costs, and their residents suffer the greatest physical stress.



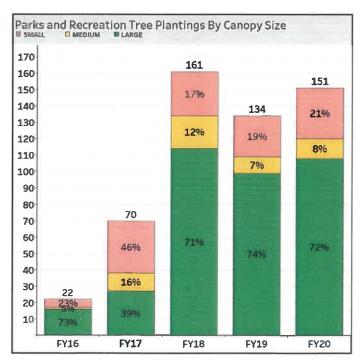
The map below of tree canopy cover by neighborhood clearly shows that the City's low-canopy and extremely low-canopy neighborhoods correlate with historically and predominantly African-American neighborhoods, and with lower-income neighborhoods that are designated as CDBG-eligible.

These neighborhoods retain higher ground heat and have a more extreme urban heat island effect than high-canopy neighborhoods. By these measures, Starr Hill and 10th & Page (below 20% canopy) and Rose Hill and The Meadows (below 30% canopy) fare worst in the City.



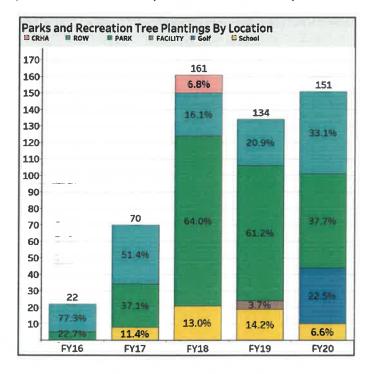
The neighborhood-level data reflect the conclusions of a study by Jeremy Hoffman of the Science Museum of Virginia, which confirms a strong correlation between low-canopy areas and neighborhoods that were historically subjected to racially inequitable "red-lining" zoning and lending practices. That study concludes that the "consistency of greater temperature in formerly redlined areas across the vast majority (94%) of the cities included in this study indicates that current maps of intraurban heat echo the legacy of past planning policies." In these ways, the City's goals of increasing the urban tree canopy cover must be understood as significant opportunities for addressing and advancing social justice and environmental justice in Charlottesville.

Planting Large Canopy Trees – Planting trees with a larger canopy size helps to increase the overall cover of the urban forest and complements the quantity of trees planted. As the graph below indicates, Parks and Recreation continues to increase the percentage of large canopy trees that it plants each year to improve long-term canopy cover. This is in accord with the goals of fostering healthier neighborhoods, providing greater shade for pedestrians and cyclists, reducing energy costs, and mitigating pollution.



<u>Location of Trees Planted on Public Property</u> – The graph top right shows that despite a priority to plant street trees in the public right-of-way (ROW) Parks and Recreation has planted a majority of trees in City parks.

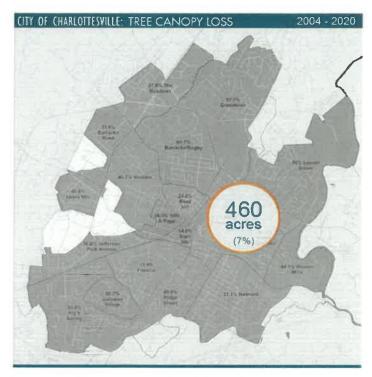
These trees contribute to the overall tree canopy, but they do not provide needed shade for urban neighborhoods, especially those with low canopy, to protect residents and pedestrians and to help reduce



energy costs and promote health. FY2020 trends are mixed, with an increase of ROW planting and a decrease in parks planting, although the latter is offset by a decrease in plantings on school property and significant planting on the golf course.

In order to improve tree canopy cover in an equitable manner, in FY2020 Parks and Recreation developed a weighted scale to help prioritize the planting of trees in public ROW within low-canopy and extremely low-canopy neighborhoods that are designated as CDBG-eligible.

Financial Investment in the Urban Forest – In FY2020, Council allocated \$50,000 for tree preservation and planting. Given the cost of \$350 per tree, Parks and Recreation unfortunately was unable to meet the Commission's goal of planting 200 trees per year. The approximately 140 trees planted were not sufficient in number to replace trees that were removed. The Commission was grateful that Council increased the FY2021 allocation exclusively for tree planting to \$75,000. Regrettably and understandably, the pandemic caused this allocation to be zeroed out. However, approximately \$7,600 remained in the



previous year's operating budget which, along with private donations, will allow for planting 23 trees.

Perhaps the most immediate and serious threat to Charlottesville's urban forest (and to private property and personal safety) comes from the inexorable spread of the emerald ash borer through our City and region. Sufficient funding is essential for dealing with the inescapable damage caused by these insects. Parks and Recreation has been taking measures to protect the City's most important and vital ash trees, but the current inventory shows that 270 ash trees will need to be removed. The Commission's FY2021 request for \$50,000 for removals was not approved. But funds will need to be allocated for this work, as removal is time-sensitive and safety-critical. Unlike most trees which die slowly, an infected ash tree becomes extremely brittle and breaks apart quickly, posing a significant danger to people and property.

With regard to the preservation of trees generally, the Commission greatly appreciates that Council recognized this important need and for several years has provided funding through the operating budget. These funds are used for pruning, repairing, and protecting existing large and valuable trees in the community, especially those now protected by City ordinance.

FY2020 Activities of the Charlottesville Tree Commission

As with other City bodies during the pandemic, the Tree Commission was forced to suspend in-person meetings for nearly the entire second half of the fiscal year. Despite the severe limitations this placed upon the Commission's collaborative efforts, its members continued individually and in small groups to educate and advocate on behalf of City trees, and to engage in the planning and regulatory activities of an array of City and nonprofit bodies. What follows is a summary of efforts undertaken during this extraordinary year.

Education & Advocacy —

- Assembled a digital resources package to orient new Commission Members and inform general public.
- Undertook significant updates of tree data using internal and external data resources.
- Developed a visual presentation about the state of the trees in the City to be used in reporting to City Council, Planning Commission, and educating public.
- Working with the Piedmont Environmental Council, initiated the beginnings of a "Green Coalition" composed of many groups interested in trees and the environment.
- Engaged with the Environmental Sustainability
 Division of Public Works to discuss "City Green Points
 1.0: Charlottesville's Green Infrastructure Guide".
- Reviewed and provided detailed written and oral comments opposing construction of a shared use path within the median on Route 20 from the City line to Route 53.
- Registered strong disapproval of the removal of eight mature oaks on Garrett St. in connection with construction of the Apex Energy building.
- Raised concerns with NDS about adequacy of tree protection at development on corner of E. High & Locust.
- Worked with City Arborist on Meade Ave residents' concerns about utility pruning; addressed issue with Dominion, which corrected some of the pruning cuts.
- Participated in monthly USFS webinars on Loss of Tree Cover in Urban Watersheds: The Importance of

- Local Codes and Policies; R_x for Hot Cities: Urban Greening and Cooling to Reduce Heat-Related Mortality in Los Angeles and Beyond; and Redlining's Intensifying Harm: Rising Temperatures, Hotter Neighborhoods, and How Trees Can Help.
- Registered concern about several downtown mall trees that had grown into the metal grates surrounding them. Parks & Recreation responded by cutting the grates back.
- Prepared wooden tree identification plaques which were installed at a nearby dog park.

Codes & Ordinances —

- Continued to participate in virtual meetings of the C'ville Plans Together Steering Committee.
- Participated in C'ville Plans Together public webinars seeking community input.
- Prepared for a thorough review of city zoning code and comments on proposed changes affecting trees.
- Continued to participate in steering committees for Barracks Road & Emmet Street and Fontaine Avenue SmartScale road projects.

General —

- Submitted comments to Council concerning budget (pre-pandemic) for trees.
- Worked with City Council to authorize Commission to meet virtually.
- Trained with city Communications Department staff on managing Zoom webinar.
- Worked with City Clerk's office and City Council to appoint four new members and renew terms of three current members, bringing Commission to full membership.
- Worked with City Arborist to address damage to gravestones in Maplewood Cemetery resulting from fall of large red maple during July storm and damage to large white oak in Forest Hills Park during September storm.
- Updated criteria for urban tree canopy assessment in spring 2021, allowing City Arborist to submit request for funding from Va. Dept. of Forestry.
- Assisted in constructing a solar kiln to recycle UVa trees into lumber.

Proposed Tree Planting list FY 2022

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Ouercus biodor					1	golf	•	Locust Grove		1400 Pen Park Rd.	Golf
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Liriodendron tulpitera						golf	•	Locust Grove		1400 Pen Park Rd.	Golf
Lirindendron tulinifora						golf.	•	Locust Grove		1400 Pen Park Rd.	#
Lindendron tulpitera						and 60	P 1	Cocust Grove		1400 Pen Park Rd.	Golf
4 Liftogendron tulipitera	u	_			-	801		Locust Grove		1400 Pen Park Rd	Golf
	,							and Con		1400 Pen Park Rd	Golf
3 Cornus florida cherokee princess					1	SCHOOL	-	de pennont	replace dogwood at Hollt belief of beliefelt AV side	Replace dead willow oak	Downtown Mall Ext
					. 2	school	- 1-		replace dogwood near playground	1000 Belmont Av.	lark Elementary
L				3	,	park		Delmont	robbin dominal post sharping	1000 Belmont Au	Plank Flementany
Quercus alba				3 3	1	park	+	Belmont		202 Douglas Av 1A	selmont commons
Quercus bicolor				3		park	l	Delmont		202 Douglas Av 1A	Belmont commons
llex opaca				3		park		Belmont		202 Douglas Av 1A	Belmont commons
llex opaca				3		park	l	Belmont		202 Douglas AV 1A	Relmont commons
Magolia grandiflora				3		park	l	Belmont		202 Douglas Av 1A	Delmont confidence
Magolia grandiflora				2		park	l	Belmont		202 Douglas Av 1A	Pelmont commons
5 Quercus pheilos	۵	×			1	park		Fry's Spring	neplace spir red maple near entrance	202 Douglas Av 1A	mont commons
Quercus bicolor						racility	1	N/A		1001 AWOLDER	Azalaa Park
Quercus bicolor					1	Idellity	1	N/N		1501 Avon St	on vard
Quercus bicolor				T	T	тасшту	1	N/A		1501 Avon St	avon yard
Quercus coccinea						тасшіу		N/M		1501 Avon St	on yard
Quercus coccinea					1	facility	l	N/A		1501 Avon St	Avon vard
Quercus coccinea				1		lacility		N/A		1501 Avon St	avon vard
i axodium disticuum					1	facility		N/A		1501 Avon St	von vard
raxodium disticuum						facility		2/2		1501 Avon St	von vard
raxodum disticuum						facility		N/N		1501 Avon St	von vard
4 axodium disticuum	u	K			1	facility	1	N/A		1501 Avon St.	Avon vard
				1	1		l	N/N		1501 Avon St	von vard
- axodium disticuum				-		-	1	-		914 Rougemont Ave	914 Rougemont Ave
Olimus americana Jenerson					1		1			904 Coleman St	904 Coleman St
catalpa pignoides					1					902 Coleman St	902 Coleman St
Catalan himoida						+				841 St Clair Ave	
Niven sulvation							1			841 St Clair Ave	841 St Clair Ave
Correct florida inhonokon primonti							1		replace dead knusa dopwood	836 Belmont Av.	6 Belmont Av
Illmus americana (lefferson)							1		ı	827 St Clair Ave	827 St Clair Ave
Prince Vandonsie				1		1	1	1	replace yoshino cherry	824 Belmont Av.	24 Belmont Av.
Primis x vadoansis									replace yoshino cherry	824 Belmont Av.	24 Belmont Av.
Quercus nigra										823 St Clair Ave	823 St Clair Ave
Taxodium distichum										823 Henry Av.	323 Henry Av.
Ulmus americana 'Jefferson'										823 Henry Av.	323 Henry Av.
Quercus coccinea										823 Henry Av.	323 Henry Av.
Prunus x vedoensis									replace yoshino cherry	820 Beimont Av.	20 Belmont Av.
Amelanchier arborse									replace serviceberry	820 Belmont Av.	20 Belmont Av.
Ulmus americana 'Jefferson'									replace red maple - over head utilities	817 Stonehenge Av.	817 Stonehenge Av.
Ottora norma							1			817 Rougemont Ave	817 Rougemont Ave
Cornus florida cherokee princess									replace dead dogwood	802 Belmont Av.	02 Belmont Av.
Liriodendron tulinifera										800 Henry Av.	
Tayodium distichum				1			1			800 Henry Av.	
Queicus nera									Property of the state of the st	800 Henry Av.	800 Henry Av.
Prunus x yedoensis				n		MAN		Michiga	replace large ash on 8th St. side	800 E. Jefferson St.	800 E. Jefferson St.
Amelanchier arborea						BOW		Ballone	replace weeking charp.	756 Relmont Av	Se Belmont Av
Cornus florida 'cherokee princess'									Replace dogwood	ZEO BONDONICERO AV.	20 MOURCEIO AV.
L					2	ROW	own 1	North Downtown	Replace dogwood	730 Marticella Av.	779 Monticollo Av
4 Cornus florida 'cherokee princess'			w	¥		ROW	own 1	North Downtown	replace dead dogwood	713 Lexington Av.	713 Lexington Av.
Quercus nigra					T		T			707 Cynuniarina Av.	or cylindrina Av.
4 Prunus 'okame'			w	¥		ROW	son 1	Martha Jefferson	replace	707 Coathianna Av	707 Cynthianna Av
L			w	<		ROW	1	Martha Jeffer	replace	/OI E. Water St.	OI E Water St.
4 Vibumum prunifolium			u	~		ROW		Martna Jerrerson	gead - check warranty	701 F. Water Ct	701 E Water Ct
									The state of the s	I A TOTAL AT	± C. VVdleT St.

I midamhar storacifius 'Potundiloha'							by steps by ball field		Lugo-McGuinness
Liriodendron tulipifera							by steps by ball field		Lugo-McGuinness
Ulmus americana 'princeton'							by steps by ball field		Lugo-McGuinness
Quercus bicolor							by declining white oak		Lugo-McGuinness
Taxodium distichum		-	-				by declining white oak		Lugo-McGuinness
Quercus alba			1 1 1				fill gap in row of trees along track		Lugo-McGuinness
Ulmus pavifolia							by flagpole		Lugo-McGuinness
Ulmus pavifolia		-					by flagpole		Lugo-McGuinness
Cercis canadensis							rear playground	406 14th St NW	Venable School
Cornus florida 'cherokee princess'							rear playground		Venable School
Cornus florida 'cherokee princess'							rear playground		Venable School
Taxodium distichum							near biofilter		Venable School
Cercis canadensis							along curb strip next to rear playground		Venable School
Cercis canadensis							along curb strip next to rear playground		Venable School
Cercis canadensis							along curb strip next to rear playground		Venable School
Cercis canadensis							along curb strip next to rear playground		Venable School
Ulmus americana 'princeton'							by front right playground	406 14th St NW	Venable School
Quercus nigra							by front right playground	406 14th St NW	Venable School
Prunus 'okame'				,	ROW	Martha Jefferson		701 E Water St.	water Street Trail
Cornus florida 'cherokee princess'				_	ROW	Martha Jefferson		701 E Water St.	water Street Trail
Cornus florida 'cherokee princess'				,	ROW	Martha Jefferson		701 E Water St.	water Street Trail
Prunus 'okame'				٧	ROW	Martha Jefferson		701 E Water St.	water Street Trail
Prunus 'okame'					ROW	Martha Jefferson		701 E Water St.	water Street Trail
Quercus alba					ROW	Greenbrier	replace dead tree at old landing	Warner Pkwy interchange	Warner Pkwy interchange
Quercus bicolor				5	ROW	Greenbrier	replace dead tree at old landing	Warner Pkwy	Warrier Pkwy
Quercus bicolor				5	ROW	Greenbrier	replace dead tree at old landing	Warner Pkwy	Warner Pkwy
Carya illinoinensis			5		school	Barracks/Rugby	replace white pine at rear gym	1564 Dairy Rd.	Walker-Upper Elementary School
Liriodendron tulipifera			5		school	Barracks/Rugby	replace white pine at rear gym	1564 Dairy Rd.	Walker-Upper Elementary School
Malus sylvestris						Fifeville	replace broken crabapple	500 Cherry Av.	Tonsler Park
Quercus shumardii			=		ROW	Fry's Spring		0 Stribling Av	Sunset Av. X Sunset Rd.
Quercus virginiana							replace hemlock on 250 Bypass side	School Admin building	School Admin building
TBD								Between Monticello Ave and Monticello Rd	Quarry Rd
							replace dogwood in cul de sac	420 Mobile Ln.	Mobile Ln.
	-			2	1 park	North Downtown	Replace leaning redbud near entrance		McGuffey Park
5 Ulmus americana 'princeton'	ω	V		2	school	Johnson Village	replace fallen white pine at west playground	1645 Cherry Av.	Johnson School
Cornus florida 'cherokee princess'			5		ROW	Jefferson Park Av.	replace dead dogwood	106 Montebello Cir.	Jefferson Park Av. median
Quercus shumardii					golf	Locust Grove		1400 Pen Park Rd.	Golf
Quercus shumardii					golf	Locust Grove		1400 Pen Park Rd.	GOIT