

Meeting Agenda

Charlottesville Tree Commission



Meeting Date: Tuesday, September 3, 2019

Meeting Time: 5:00 p.m. - 7:00 p.m.

Meeting Location: Parks and Recreation Meeting Room at 501 East Main St.

Meeting Leader: Paul Josey, Chairman

Those Expected to Attend: Matt Brinckman, Paul Josey, Jody Lahendro, Brian Menard, Peter Russell, Lynn Rush, Mark Rylander, Rosanne Simon, Anson Parker

Staff: Mike Ronayne

Agenda:

5:00 - 5:05 p.m.	Review Meeting Agenda - Approve August minutes	Paul
5:05 - 5:10 p.m.	Welcome new member Anson Parker	Paul
5:10 - 5:25 p.m.	CIP requests	Mike
5:25 - 5:35 p.m.	City Gateway Tree list	Paul
5:35 - 5:45 p.m.	Fall Planting List	Mike
5:45 - 5:55 p.m.	Data Committee update	Brian M.
5:55 - 6:10 p.m.	Urban Forester Position in NDS	Paul
6:10 - 6:45 pm	Other Updates: PLACE Update TC Website update Belmont Bridge plan Friendship Ct. "Draft" version of BMP on website	Mark Mike Mike Mike Paul
6:45 - 6:55 pm	Other items/announcements not on agenda	All
6:55 - 7:00 p.m.	Summarize Meeting Action Items/Items for Next Agenda	Mike/Paul

Planting List FY 2020

AS of 8/30/19

Approximate Location	notes	proposed species
Belmont Park	Replace sugar maple memorial tree that fell	sugar maple
Monticello Av X Meridan		shumard oak
708 Monticello Av.	small tree	redbud
812 Rives St		Jefferson' elm
Forest Hills Park	replace linden at sprayground	littleleaf linden
Maplewood	replacement for cedar along Taylor St.	white oak
417 7th St. NE	replace lost trees on 7th St. side	flowering dogwood
417 7th St. NE	replace lost trees on 7th St. side	flowering dogwood
417 7th St. NE	replace lost trees on 7th St. side	willow oak
417 7th St. NE	replace lost trees on 7th St. side	American elm 'Jefferson'
clover leaf by Bodos on 29		bald cypress
clover leaf by Bodos on 29	2 stumps	sweetgum
Park St. X 250		black gum
2705 Jefferson Park Av.		TBD resident request
1310 Edgewood Ln		red maple
Mall (Omni)		willow oak
Garret St. X 6th St.		pin oak
E. McIntire Park	replace fallen pine near parking	American Beech
115 Hammond St.	replace red oak	sugar maple
Burnely-Moran Elementary School	replace austrian pine at rear	white oak
410 E. High St.	replace sugar maple at curb	red maple
804 5th St. SW		Southern catalpa
520 Belmont Av.	replacement for redbud - would like white dogwood	flowering dogwood
520 Belmont Av.	white dogwood on otherside of walkway	flowering dogwood
Belmont Park	near sign and curb strip	white oak
Shamrock Rd.	end of Shmarock, new paved trail into Beacon Apmts.	black gum
Shamrock Rd.	end of Shmarock, new paved trail into Beacon Apmts.	yellow poplar
Shamrock Rd.	end of Shmarock, new paved trail into Beacon Apmts.	white oak
Shamrock Rd.	end of Shmarock, new paved trail into Beacon Apmts.	shumard oak
Shamrock Rd.	end of Shmarock, new paved trail into Beacon Apmts.	Jefferson' elm
Shamrock Rd.	end of Shmarock, new paved trail into Beacon Apmts.	flowering dogwood
Shamrock Rd.	end of Shmarock, new paved trail into Beacon Apmts.	sweetbay magnolia
250 X Dairy Rd	where trail is going in to replace old dogwoods.	large shade tree
250 X Dairy Rd	where trail is going in to replace old dogwoods.	large shade tree
250 X Dairy Rd	where trail is going in to replace old dogwoods.	large shade tree
250 X Dairy Rd	where trail is going in to replace old dogwoods.	large shade tree
250 X Dairy Rd	where trail is going in to replace old dogwoods.	large shade tree
250 X Dairy Rd	where trail is going in to replace old dogwoods.	large shade tree
250 X Dairy Rd	where trail is going in to replace old dogwoods.	small flowering tree
250 X Dairy Rd	where trail is going in to replace old dogwoods.	small flowering tree
McIntire Park	replace virginia pine in lawn area near drive to YMCA	kentucky coffee tree
205 Parkway St.	small tree at curb	flowering dogwood
322 Parkway St.	small tree at curb	okame cherry
300 Parkway St.	small tree at curb	flowering dogwood

050547 + 1212 1/2
 Planning List FY 2020

Park Plaza	small tree at curb	serviceberry
Buford Middle School	replace dead dogwood at School sign	willow oak
Clark Elementary School	replace sugar maple that fell near playground	sugar maple
Forest Hills Park	replace oak that fell at right rear	yellow poplar
Forest Hills Park	replace oak that fell at right rear	white oak
5th St. median	replace car struck black gum	black gum
900 Belmont Av.	replace red maple	sourwood
607 Lexington Av.	replace kousa dogwood at curb	flowering dogwood
Skate Park		American holly
Skate Park		American holly
Skate Park		American holly
Skate Park		American holly
Skate Park		American holly
City Hall	Replace dead styrax	styrax

LMOA Easement Meadow Creek	10 trees (\$4500 commitment)	TBD
McIntire Park	replace dogwood along slope at WB 250 side	flowering dogwood
McIntire Park	replace dogwood along slope at WB 250 side	flowering dogwood
McIntire Park	replace dogwood along slope at WB 250 side	flowering dogwood
McIntire Park	replace dogwood along slope at WB 250 side	flowering dogwood
E. McIntire Park	part of 30 trees along new trail	sawtooth oak
E. McIntire Park	part of 30 trees along new trail	white oak
E. McIntire Park	part of 30 trees along new trail	swamp white oak
E. McIntire Park	part of 30 trees along new trail	overcup oak
E. McIntire Park	part of 30 trees along new trail	bur oak
E. McIntire Park	part of 30 trees along new trail	chinkapin oak
E. McIntire Park	part of 30 trees along new trail	water oak
E. McIntire Park	part of 30 trees along new trail	nutall oak
E. McIntire Park	part of 30 trees along new trail	pin oak
E. McIntire Park	part of 30 trees along new trail	willow oak
E. McIntire Park	part of 30 trees along new trail	northern red oak
E. McIntire Park	part of 30 trees along new trail	shumard oak
E. McIntire Park	part of 30 trees along new trail	regal prince oak
E. McIntire Park	part of 30 trees along new trail	scarlet oak
E. McIntire Park	part of 30 trees along new trail	white oak
E. McIntire Park	part of 30 trees along new trail	white oak
E. McIntire Park	part of 30 trees along new trail	scarlet oak
E. McIntire Park	part of 30 trees along new trail	yellow poplar
E. McIntire Park	part of 30 trees along new trail	yellow poplar
E. McIntire Park	part of 30 trees along new trail	black gum
E. McIntire Park	part of 30 trees along new trail	black gum
E. McIntire Park	part of 30 trees along new trail	black gum
E. McIntire Park	part of 30 trees along new trail	black gum
E. McIntire Park	part of 30 trees along new trail	black gum
E. McIntire Park	part of 30 trees along new trail	black gum
E. McIntire Park	part of 30 trees along new trail	black gum
E. McIntire Park	part of 30 trees along new trail	pecan
E. McIntire Park	part of 30 trees along new trail	pecan
E. McIntire Park	part of 30 trees along new trail	pecan
E. McIntire Park	part of 30 trees along new trail	sweetgum 'rotundiloba'
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E. McIntire Park	part of 30 trees along new trail	sweetgum 'rotundiloba'
PPA Project		

408 Elliott Av.	Raynor St. side along sidewalk	flowering dogwood
408 Elliott Av.	Raynor St. side along sidewalk	mountain stewartia
408 Elliott Av.	Raynor St. side along sidewalk	flowering dogwood
104 Elliott Av.	between sidewalk and curb	southern catalpa
104 Elliott Av.	between sidewalk and curb	flowering dogwood
104 Elliott Av.	between sidewalk and curb	flowering dogwood
104 Elliott Av.	between sidewalk and curb	redbud
104 Elliott Av.	between sidewalk and curb	okame cherry
121 Maury Av.	at rear as indicated on map	pin oak
121 Maury Av.	at rear as indicated on map	black gum
813 Locust Av.	front, center	catalpa
100 Barbour Dr.	one near mailbox, two along side street	black gum
100 Barbour Dr.	one near mailbox, two along side street	london plane tree
100 Barbour Dr.	one near mailbox, two along side street	shumard oak
1518 Antoinette Av.	front along sidewalk	catalpa
1518 Antoinette Av.	front along sidewalk	willow oak
1518 Antoinette Av.	front along sidewalk	flowering dogwood
409 Allen Dr.	at sidewalk per map	flowering dogwood
409 Allen Dr.	at sidewalk per map	flowering dogwood
409 Allen Dr.	at sidewalk per map	red maple
409 Allen Dr.	at sidewalk per map	scarlet oak
409 Allen Dr.	at sidewalk per map	bald cypress
409 Allen Dr.	at sidewalk per map	willow oak
Water Street trail project	see site plan	Sweetgum 'rotundiloba'
Water Street trail project	see site plan	Sweetgum 'rotundiloba'
Water Street trail project	see site plan	Sweetgum 'rotundiloba'
Water Street trail project	see site plan	Sweetgum 'rotundiloba'
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Water Street trail project	see site plan	Sweetgum 'rotundiloba'
Water Street trail project	see site plan	Sweetgum 'rotundiloba'
Water Street trail project	see site plan	London Planetree
Water Street trail project	see site plan	London Planetree
Water Street trail project	see site plan	London Planetree
Water Street trail project	see site plan	London Planetree
Water Street trail project	see site plan	London Planetree
Water Street trail project	see site plan	London Planetree
Water Street trail project	see site plan	London Planetree
Meadowcreek golf	see map	flowering dogwood
Meadowcreek golf	see map	flowering dogwood
Meadowcreek golf	see map	flowering dogwood
Meadowcreek golf	see map	redbud
Meadowcreek golf	see map	redbud
Meadowcreek golf	see map	Jefferson' Elm
Meadowcreek golf	see map	pecan
Meadowcreek golf	see map	scarlet oak
Meadowcreek golf	see map	pecan

Meadowcreek golf	see map	willow oak
Meadowcreek golf	see map	willow oak
Meadowcreek golf	see map	american holly
Meadowcreek golf	see map	american holly
Meadowcreek golf	see map	southern magnolia
Meadowcreek golf	see map	southern magnolia
Meadowcreek golf	see map	southern magnolia
Meadowcreek golf	see map	white oak
Meadowcreek golf	see map	white oak
Meadowcreek golf	see map	Jefferson' Elm
Meadowcreek golf	see map	white oak
Meade park	see map	pecan
Meade park	see map	willow oak
Meade park	see map	yellow poplar
Meade park	see map	black gum
Meade park	see map	scarlet oak
Meade park	see map	bald cypress
Meade Park	memorial tree	white oak
Jackson-via	see map	black gum
Jackson-via	see map	bald cypress
Jackson-via	see map	london planetree
Jackson-via	see map	scarlet oak
Jackson-via	see map	red maple
Jackson-via	see map	Jefferson' elm
Jackson-via	see map	shumard oak
		~167 trees

Capital Improvement Program Final Project Request Form

5- YEAR PROGRAM SPAN: Fiscal Year 21-25

Project Title: Forest Health Improvement Initiative
Estimated Start Date: 7/14/20
Estimated Completion Date: 10/1/22

Departmental Priority Number:
Total Projects Submitted:

Project Description:

In order to better address invasive species which damage our native forests and tree species the Parks Dept. will be requesting \$50k to help offset expenses for removal of damaged trees as a result of the invasive emerald ash borer. The other purpose of these funds would be used to reclaim forested area that has been inundated with other invasive plant species. Vine-tangled areas of unsightly City owned woodlots are detrimental to the local environment and the community. Utilizing a portion of these funds to begin to reclaim these areas will benefit the community and improve longterm, sustainable urban forest health. The new influx of dead City trees left by emerald ash borer where they pose a risk to public safety will inevitably need to be removed at the City's expense. In order to maintain other levels of service and public safety in regards to city-wide tree care, it is advised to offset ash removal costs with CIP funding.

PROJECTED PROJECT COSTS

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	10 YEAR TOTAL
Design											-
Construction & FFE											-
Subtotal	-	-	-	-	-	-	-	-	-	-	-

FUNDING SOURCE

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	10 YEAR TOTAL
City	50,000										50,000
State											-
Federal											-
Albemarle County											-
Other: (Specify)											-
Total	50,000	-	-	-	-	-	-	-	-	-	50,000

PROJECTED OPERATIONAL COSTS

Personnel	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	10 YEAR TOTAL
# of Additional FTE											-
F/T Personnel Costs											-
Temporary/Seasonal Personnel Costs											-
FICA (7.65%)	-	-	-	-	-	-	-	-	-	-	-
Benefits (38% of F/T salary)	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-

Operating	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	10 YEAR TOTAL
Utilities		-	-	-	-	-	-	-	-	-	-
Supplies		-	-	-	-	-	-	-	-	-	-
Maintenance		-	-	-	-	-	-	-	-	-	-
Fixed Costs (IT, HVAC, etc.)		-	-	-	-	-	-	-	-	-	-
Other Operational Expenses		-	-	-	-	-	-	-	-	-	-
Lifecycle Replacement		-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-

Equipment	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	10 YEAR TOTAL
Vehicles											-
Other Operating Equipment											-
Subtotal	-	-	-	-	-	-	-	-	-	-	-

TOTAL OPERATING COST	-	-	-	-	-	-	-	-	-	-	-
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PROJECTED REVENUES

Revenues	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	10 YEAR TOTAL
Admission Fees											-
Annual Passes											-
Special Event Revenue											-
Other (Specify):											-
Subtotal	-	-	-	-	-	-	-	-	-	-	-

SUMMARY

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	10 YEAR TOTAL
Total Expenses	-	-	-	-	-	-	-	-	-	-	50,000
Total Revenues	-	-	-	-	-	-	-	-	-	-	-
Net Cost to City	-	-	-	-	-	-	-	-	-	-	50,000
Operational Cost Recovery	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.0%

Year in which total design and construction costs recovered

ALIGNMENT WITH CITY STRATEGIC PLAN

www.charlottesville.org/strategicplan

- 3.4 Be responsible stewards of natural resources
- 5.3 Provide responsive customer service

ALIGNMENT WITH CITY COMPREHENSIVE PLAN

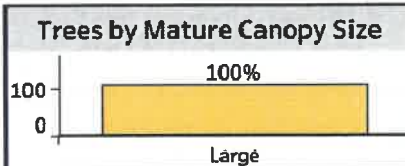
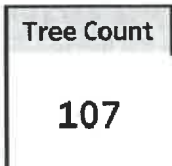
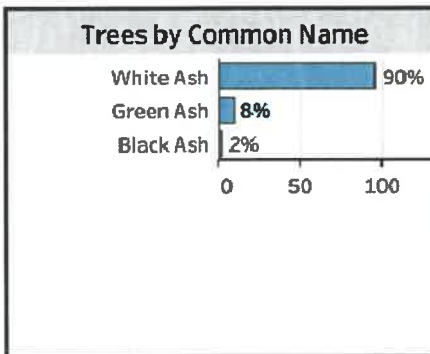
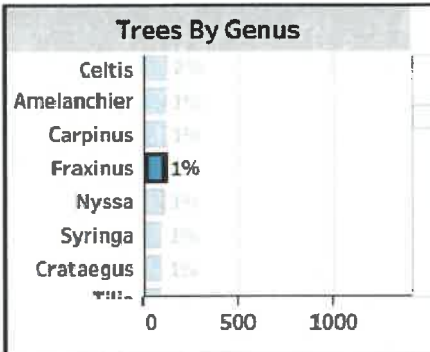
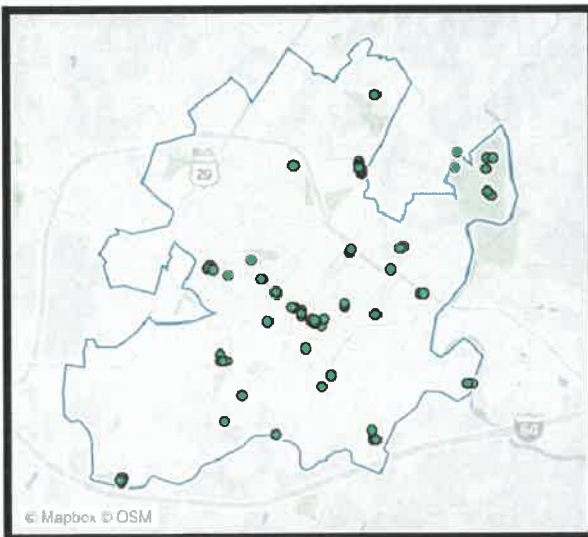
www.charlottesville.org/index.aspx?page=3523

- 2.1 Implement and update the Urban Forest Management Plan to protect quality of air, water and lands, manage stormwater, provide shading and absorb CO2.*
- 2.2 Expand and protect the overall tree canopy of the City and increase the canopy of neighborhoods in an effort to achieve American Forest canopy

ALTERNATIVE SCOPE

LOCATION MAP AND OTHER SUPPORTING DOCUMENTATION

City of Charlottesville Parks and Recreation Department: Tree Inventory Dashboard



OTHER CONSIDERATIONS

Include explanations for the above criteria (e.g., legal mandate information, safety hazard background). Emerald ash borer (EAB), or *Agrilus planipennis* is an invasive insect from Siberia that damages and kills 100% of untreated ash trees in our region in a matter of years. This pest has been observed in Charlottesville. Thirty-seven (37) of our most valuable, handpicked ash trees on City property have been already been preventatively treated with emmamectin benzoate so they can be preserved. Our forests are comparable with Virginia that are comprised of 1-2% *Fraxinus spp.* (susceptible species). There are currently 107 ash trees inventoried on public property. This inventory does not include wooded areas along trails that will also have dying ash trees which need to be addressed.

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Charlottesville Entry Corridor Tree Species List

BENEFITS of CANOPY TREES AT CITY GATEWAYS

- Increased lifespan (reduced longterm maintenance/costs)
- Increased visibility and safety (high canopy does not block overhead lights)
- Increased stormwater benefits with larger canopy
- Creates entry unique to the identity of Charlottesville

PREFERRED Entry Corridor Trees

For consistency of upright shape, fall color

Kentucky Coffeetree	<i>Gymnocladus dioicus</i>
Tulip Poplar	<i>Liriodendron tulipifera</i>
Swamp White Oak	<i>Quercus bicolor</i>
Scarlet Oak*	<i>Quercus coccinea</i>
Swamp Chestnut Oak	<i>Quercus michauxii</i>
American Elm (DED resistant)	<i>Ulmus americana</i> 'New Harmony', 'Jefferson'

SECONDARY Entry Corridor Trees

Less consistent form

Red Maple	<i>Acer rubrum</i> **
Hackberry	<i>Celtis occidentalis</i>
Sweetgum	<i>Liquidambar styraciflua</i>
Blackgum	<i>Nyssa sylvatica</i>
London Plane 'Bloodgood'	<i>Platanus x acerifolia</i> 'Bloodgood'
Southern Red Oak*	<i>Quercus falcata</i>
Willow Oak*	<i>Quercus phellos</i>
Bald Cypress	<i>Taxodium distichum</i>

* Do not plant red oaks side by side to prevent spread of disease due to pending Oak Wilt threats

** Currently overplanted. Use sparingly.

PREFERRED Entry Corridor Flowering/Understory Trees

Planted in groups, in addition to and beneath canopy trees, min. 50' between groups per city code. 10' minimum spacing from nearby trees. Single trunk varieties only.

Redbud	<i>Cercis canadensis</i>
Flowering Dogwood	<i>Cornus florida</i>
Green Hawthorn	<i>Crataegus viridis</i> 'Winter King'
Washington Hawthorn	<i>Crataegus phaenopyrum</i>
Fringetree	<i>Chionanthus virginicus</i>
Serviceberry	<i>Amelanchier</i> spp.

NOT PERMITTED

Short lived, reduced visibility/safety due to smaller size, limited stormwater benefit, poor Charlottesville gateway species due to overuse and lack of unique regional identification.

Japanese pagoda	Sophora japonica
Japanese Zelkova	Zelkova serrata
Japanese Tree Lilac	Syringa reticulata
Japanese Stewartia	Stewartia pseudocamellia
Japanese Snowbell	Styrax japonicus
Katsura	Cercidiphyllum japonicum
Crape Myrtle	Lagerstroemia spp.
Honeylocust	Gleditsia triacanthos var. inermis
Lacebark Elm	Ulmus parvifolia
Paperbark Maple	Acer griseum
Golden Raintree	Koelreuteria paniculata