



COMMUNITY LAND AND RECREATION BOARD

Regular Meeting (#24-002) Agenda
CITY OF PARKVILLE, MISSOURI
Wednesday, February 21, 2024 6:00 PM
City Hall Board Room

1. CALL TO ORDER

- A. Adam Zink
Linda Arnold
Michelle Flamm
Steven Sturgess
Dana Laiben
Amanda Blackwood
Nathan Askren
Mary Jane Kuehn
Jessica Holtz
Phillip Wassmer (Liaison)

2. CONSENT AGENDA

- A. Approve the minutes for the January 10, 2024, regular meeting

3. NON-ACTION AGENDA

- A. Budget Presentation
- B. Updated Tree List

4. ACTION AGENDA

- A. Revised Schedule of Fees
- B. Tree Trimming and Hazardous Tree Removal at Sullivan Nature Sanctuary
- C. Tree Trimming and Hazardous Tree Removal at English Landing Park and Platte Landing Park

5. STAFF UPDATES ON ACTIVITIES

- A. Parks Maintenance
- B. Nature Sanctuary
- C. Parks Capital Improvement Projects
- D. Special Events

6. MISCELLANEOUS ITEMS FROM THE BOARD

7. ADJOURN

Posted Date & Time: 2/20/2024
10:30 a.m.

By: Bonnie Buckmaster

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**COMMUNITY LAND AND RECREATION
BOARD**

Regular Meeting (#24-001)

MINUTES

CITY OF PARKVILLE, MISSOURI

Wednesday, January 10, 2024

6:00 PM City Hall Board Room

1. CALL TO ORDER

A. The meeting was called to order at 6:00 p.m. on January 10, 2024.

Members Present:

Adam Zink
Linda Arnold
Steven Sturgess
Dana Laiben
Amanda
Blackwood
Nathan Askren
Mary Jane Kuehn
Jessica Holtz
Phillip Wassmer (Liaison)

Absent With Prior Notice:

Michelle Flamm Mary Jan Kuehn

Brittanie Propes, Parks and Recreation Director called roll.

A quorum of the Board was present.

Brittanie Propes, Parks & Recreation Director; Chris Ashley, Project Manager; were present on behalf of the City.

2. CONSENT AGENDA

A. Approve the minutes for the November 8, 2023, regular meeting

ACTION: Steven Sturgess moved to approve the minutes for the November 8, 2023 regular meeting. Linda Arnold seconded.

RESULT: Motion Passed: 7-0.

B. Approve the minutes for the November 8, 2023 Executive Session

Note: A member must be visible to be counted in attendance, cannot be audio only.

ACTION: Jessica Holtz moved to approve the minutes for the November 8, 2023 Executive Session. Amanda Blackwood seconded.

RESULT: Motion Passed: 7-0.

3. ACTION AGENDA

A. Approve Resolution to Amend the Schedule of Fees

Brittanie Propes, Parks and Recreation Director, presented the existing schedule of fees and the resolution to amend the schedule of fees that were included in the CLARB packet.

Discussions included the following:

- Electricity usage for carnivals. An option could be that Every could directly charge the event holder.
- Staff recommended requiring a City Park Staffer to be present during events exceeding a certain number of attendees.
- Restroom availability for events. If events anticipate over 2,000 participants, the public restrooms will be closed, and the event holder would be responsible for renting porta potties to accommodate the participants.
- The event base fee will be due upon booking.
- CLARB discussed having add-ons for cruise nights for the ball field, and having the parking lot sectioned off for fees. Possible larger fees for cruise night and possibly moving the event inside the park.
- Donation Fees for memorial benches and trees. Park staff to determine location. Member, Dana Laiben, suggested that staff look into subcontracting the benches to take away from park staff. Chair Zink recommended having a time limit for the memorial benches. There was discussion about the older benches having a 10-year limit and then could renew or release it for a new memorial.
- CLARB would like staff to bring this item back before the board to address the concerns of fees for the parking lot, bench fees and timeline and the event size for closing public restrooms.

ACTION: Steven Sturgess moved to table the approval to amend the schedule of fees so that city staff can respond to some of the fee concerns that were expressed in the meeting tonight.
Dana Laiben Seconded.

RESULT: Motion Passed: 7-0.

Amanda Blackwood left the meeting at 6:53 p.m.

4. NON-ACTION AGENDA

A. Bike Friendly Community Discussion

Brittanie Propes, Parks and Recreation Director, presented information to discuss a "Bike Friendly Community".

Bike Friendly

- Bike Signage Along Route 9
- Bike Signage Elsewhere in Parkville

- Bike Lanes Along Route 9
- Bike Racks Downtown
- Bike Racks Elsewhere
- Other Bike Friendly Suggestions

The possible options for bike racks would be near Pocket Park, and between Bentley Guitar and the railroad tracks. Two bike fix it stations have been ordered for the Parks Headquarters and Gateway Park. Discussions included bike lanes along 9 Hwy to Riverside. Downtown signage suggested matching the design of the wayfinding signs.

B. The Tree List Discussion

Brittanie Propes, Parks and Recreation Director, discussed the tree list that was included in the CLARB packet. Brittanie and Kristen Bontrager, Nature Sanctuary Director, will attend the Heartland Forestry Council Meeting on January 23rd to discuss tree species. Brittanie asked CLARB to prepare questions and recommendations prior to the Heartland Forestry Council Meeting for staff to seek input from the panel of experts. A report will be provided to CLARB at the February meeting.

5. STAFF UPDATES ON ACTIVITIES

- A. Parks Maintenance
- B. Nature Sanctuary
- C. Capital Improvement Project Updates

Project Updates

- Girl Scout Cabin at PNS - Completed
- A-Truss Bridge & Dumpster - Completed
- Master Plan - Agreement Completed - Steering Committee Meeting, date TBD
- Gateway Park Project - Construction to begin, weather dependent
- Veterans Memorial - SFS Breaking project into two phases, will provide updated quotes and scope
- Train Depot - RFP Published
- Farmers Market - Meeting with BBN 1/11/24. BBN will provide an updated scope and quote for the architectural design.
- Wetlands - Secured bentonite, vegetation discussions and wells.

New Project for 2024

- Platte Landing Park Bridge - Staff will apply for the Platte County Outreach Grant for this project.

Other Updates

- National Women in Sports Proclamation to be presented at a Board of Aldermen Meeting.
- See Click Fix - Online reporting system.
- Adding full time Parks Skilled Laborer Position

- Received Missouri Department of Conservation tree Trimming Grant for \$22,293
- Winterizing Restrooms at ELP due to sub zero temperatures this weekend
- Kristen Bontrager received her Burn Certification. PNS will conduct a controlled burn later this winter.
- Travis Phelan received his Certified Playground Safety Inspector Certification.

2024 Events

- 1/17 MPRA Maintenance Rodeo
- 2/3 Electronic & Paper Shredding
- 3/1 Spring Break 5K
- 3/15 First Volunteer Workday at Parkville Nature Sanctuary

D. 2024 Volunteer Dates

6. MISCELLANEOUS ITEMS FROM THE BOARD

- Parks Sales Tax 2023 total
- Chair Adam Zink requested chat maintenance on the park trails
- Controlled burn on the riverfront bank - Brittanie will look into

7. ADJOURN

ACTION: Steven Sturgess moved to adjourn the meeting at 7:32 p.m. Linda Arnold seconded.

RESULT: Motion Passed: 6-0.

The minutes for January 10, 2024, having been read and considered by the Community Land and Recreation Board, were approved on the 21st day of February, 2024.

Bonnie Buckmaster, Public Works Assistant

Approval date

Parkville	\$25/\$35 for 3 hours	Resident/non-resident
North Kansas City	\$30-\$50 for 4 hours	Based on size and residency
Excelsior Springs	\$20-\$60 per day	Based on shelter size
Riverside	\$25-\$150 for 4 hours + \$50-\$100 deposit	Small/large rates Non-profit/resident/non-res
Johnson County	\$65-\$85 half day \$90-\$125 full day \$225/\$395 specialty shelter	Resident/Non-resident
Smithville	\$50 full day	
Liberty	\$80/\$120 for 5 hours	Resident/Non- Resident
Kansas City	\$40-\$100 per day	Based on shelter size & weekday vs. weekend
Gladstone	\$40-\$75 for 4 hours	Based on shelter size & residency

Parkville	\$20 per hour		
Kearney	\$35 per hour	+\$35 per hour	
North Kansas City	\$25 per hour (2 hour minimum)		T-ball field (other fields were \$60-\$100)
Liberty	\$1 per minute	+\$2 per minute	
Platte City	\$15 per hour	+\$10 per hour	
Excelsior Springs	\$10 per hour	+ \$20 per hour	
Smithville	\$15 per hour	+ \$10 per hour	

City of Parkville, Missouri
Parks Sales Tax Fund (41)

2022 Audited, 2023 Budget, 2023 Unaudited, 2024 Adopted Budget

Revenues				
Category	2022 audited	2023 Budget	2023 unaudited	2024 Adopted
Taxes	\$ 775,713	\$ 770,000	\$ 950,554	\$ 975,000
Program Revenue		40,000	34,495	37,000
Other	14,570	-		-
Grants/Donations	52,563	1,000	402,743	1,000
Transfers	-	350,000	350,000	426,000
Total Revenues	842,846	1,161,000	1,737,792	1,439,000

Expenditures				
Salary and Benefits	-	541,496	449,269	771,000
Operating	21,475	227,575	167,011	228,000
Capital	486,965	478,500	273,113	496,000
Transfers Out	92,436	-	-	-
Total Expenditures	600,877	1,247,571	889,393	1,495,000
Increase (decrease)	241,969	(86,571)	848,399	(56,000)
Beginning FB	645,113	772,097	887,082	1,735,482
Ending FB	\$ 887,082	\$ 685,526	\$ 1,735,482	\$ 1,679,482

THE TREE LIST

Great Street Trees

For The Kansas City Region

(As Rated by Metropolitan Area Experts)

A study by Robert Whitman RLA, AICP, LEED AP

The Tree List: For The Kansas City Region (As Rated By Metropolitan Area Experts) was a study conducted by Robert Whitman, RLA, AICP, LEED AP, in which Kansas City area tree experts were asked to provide numerical ratings for over 380 trees in multiple categories. These ratings were averaged to determine the highest rated trees for each category. Some trees and categories have been added since that original study to provide additional information for users. This list shows all typically available trees, good and bad, to provide users with information on most tree options.

Study Participants:

Alan Branhagen, Director of Horticulture, Powell Gardens (former); **Bob Haines**, Arborist (dec.); **Cheryl Boyer**, Assistant Professor, K-State Extension; **Chip Winslow**, FASLA, KSU Department of Landscape Architecture (retired); **Chris Casebeer**, Green Valley Nursery; **Dan Simmons**; **Dennis Patton**, Johnson County Extension Agent; **Ivan Katzer**, Consulting Arborist; **Kevin Smith**, Forester, Johnson County Parks & Recreation (retired); **Mark Young**, Country Club Tree Service; **Michael Dougherty**, Tree Management Company; **Robert Whitman**, Landscape Architect, Multistudio; **Scott Reiter**, Linda Hall Library (dec.); **Susan Mertz**, Director of Horticulture, Powell Gardens; **Tim McDonnell**, Forester, Kansas Forest Service; and **Tory Schwope**, KAT Nurseries

Great Street Trees For The Kansas City Region

★ = Recommended Tree for the KC Region for general landscape use in favorable conditions and sites.

Native Status = Trees native to **local** KC, the **region** near KC, distance **U.S.** areas or **invasive** trees to the area.

Ratings = As scored by local experts. Some cultivars grouped and averaged with new trees added.

Height/Lifespan/Comments = As scored/commented by local experts. Ecosystem Services added.

😊 = Super tree for this situation

🙂 = Good tree for this situation

😐 = Marginal tree for this situation

😞 = Poor tree for this situation

KEY

Native Status	Under Power Lines	Tree Name	Rating							Comments
			Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft)	Exp. Lifespan (yrs.)	
	★	<i>Acer buergerianum</i> - Trident Maple	😊	😊	🙂	🙂	🙂	30	65	Good urban tree, not hardy north of KC.
		<i>Acer campestre</i> - Hedge Maple	🙂	😊	😊	🙂	🙂	50	60	Compact form, dark green leaf, tolerates high pH
		<i>Acer campestre</i> 'JFS Shichtel2' - Streetside Hedge Maple	🙂	😊	😊	🙂	🙂	35	60	Narrow cultivar, 'Metro Gold' is less hardy.
	★	<i>Acer griseum</i> - Paperbark Maple	😊	🙂	🙂	🙂	🙂	30	65	Great fall color, dramatic exfoliating bark.
		<i>Acer miyabei</i> - Miyabe Maple	😊	😊	😊	🙂	😐	40	65	Durable, pale yellow fall color.
		<i>Acer miyabei</i> 'JFS-KW3AMI' - Rugged Ridge Miyabe Maple	😊	😊	😊	🙂	😐	55	65	More narrow than species, also: 'State Street'.
Local		<i>Acer saccharum</i> 'Sugar Maple	😊	😊	😐	🙂	🙂	50	70	Good maple for irrigated sites & quality soils, common cultivars: 'Fall Fiesta', 'Bonfire', 'Green Mountain', 'Oregon Trail', 'Legacy'.
Region		<i>Acer saccharum</i> v. <i>Caddo</i> - Caddo Sugar Maple	😊	😊	😊	🙂	🙂	40	70	Native variety to region, good selection for dry sites, common cultivars: 'Autumn Splendor', 'Flashfire', 'John Pair'.
	★	<i>Acer truncatum</i> - Shantung Maple	😊	😊	😊	🙂	🙂	25	70	Excellent small tree for KC.
		<i>Acer x truncatum</i> - Sunset Maple cultivars	😊	😊	😊	🙂	🙂	35	80	Medium size durable tree. Common cultivars: 'Pacific Sunset', 'Norwegian Sunset', 'Urban Sunset', 'Crimson Sunset'.
		<i>Carpinus betulus</i> - European Hornbeam	😊	🙂	😐	🙂	😐	50	65	Clean shade tree that is underused.
U.S.	★	<i>Carpinus caroliniana</i> - American Hornbeam	😊	🙂	😐	🙂	😐	30	65	Good shade tree alternative.
Region		<i>Cladrastis kentukea</i> (lutea) - Yellowwood	😊	🙂	😐	🙂	😐	50	50	Great bloom and smooth bark.
		<i>Corylus colurna</i> - Turkish Hazel	🙂	🙂	😊	🙂	😐	50	70	Very durable tree, medium size.
	★	<i>Crataegus ambigua</i> - Russian Hawthorn	😐	🙂	🙂	🙂	😐	20	50	Tough, good north and west of KC.
		<i>Eucommia ulmoides</i> - Hardy Rubber Tree	😊	😊	🙂	😐	😐	40	50	Tough medium size tree, cultivar: 'Emerald Prairie'
		<i>Ginkgo biloba</i> - Ginkgo cultivars	😊	😊	😊	🙂	😐	50	100+	Low ecological value, beautiful, long lived tree, protect from bark damage. Common cultivars: 'Princeton Sentry', 'Autumn Gold', 'Magyar', 'Shangri-La', 'Presidential Gold'.
Local		<i>Gleditsia triacanthos</i> - Honeylocust	🙂	😊	😊	🙂	🙂	70	65	Use cultivars for thornless and seedless character, protect trunk during moving/planting to reduce canker issues, Common cultivars: 'Shademaster', 'Street Keeper', 'Imperial', 'Skyline'
Local		<i>Gymnocladus dioica</i> - Kentucky Coffeetree	😊	😊	😊	🙂	🙂	50	95	Very tough species, Common fruitless cultivars: 'Expresso', 'Decaf'.

The Tree List: Trees For the Kansas City Region (As Rated by Metropolitan Area Experts)

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Tree Name		Rating							Comments	
Native Status	Under Power Lines		Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft)	Exp. Lifespan (yrs.)	
	✱	<i>Maackia amurensis</i> - Amur Maackia	☹️	😊	😊	😊	☹️	20	50	Durable, good mid-summer bloom. Cultivar: 'Starburst'.
Region	✱	<i>Maclura pomifera</i> - Thornless/Fruitless Osage Orange	😊	😊	😊	😊	😊	20	100+	Cultivars: 'White Shield', 'Wichita'. Excellent tree for difficult planting sites.
	✱	<i>Malus cultivars</i> - Crabapple	😊	😊	😊	😊	😊	20	40	Many colors and characteristics. All not equal. Common cultivars: 'Coralburst', 'Perfect Purple', 'Prairiefire', 'Royal Raindrops', 'Spring Snow', 'Sugartyme', 'Velvet Pillar', 'Red Jewell'.
		<i>Metasequoia glyptostroboides</i> - Dawn Redwood	😊	😊	😊	😊	☹️	70	95	Option to bald cypress, Interesting deciduous needled conifer.
Region		<i>Nyssa sylvatica</i> - Blackgum cultivars	😊	😊	☹️	😊	☹️	40	75	'Wildfire' is well proven. Common cultivars: 'Red Rage', 'Afterburner', 'Firestarter', 'Green Gable'.
Local		<i>Ostrya virginiana</i> - Amer. Hophornbeam	😊	😊	😊	😊	😊	40	95	Good native woodland tree. Cultivar: 'Autumn Treasure'.
Local		<i>Platanus occidentalis</i> - Sycamore	☹️	😊	😊	😊	😊	70	95	Very large native tree, best for large sites or grand boulevards, prone to anthracnose, messy.
		<i>Platanus x acerifolia</i> 'Morton Circle' - Exclamation Planetree	☹️	😊	😊	😊	☹️	70	95	Exclamation cultivar has a refined pyramidal form, better fungus resistance than others, but not native.
		<i>Pseudocarya sinensis</i> - Chinese Quince	😊	😊	😊	😊	☹️	50	60	Interesting bark, subject to fireblight, not many old specimens in KC.
Local		<i>Quercus alba</i> - White Oak	😊	😊	😊	😊	😊	70	100+	Queen of the shade trees, best for quality soils.
Local		<i>Quercus bicolor</i> - Swamp White Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree for all large shade tree needs. Extremely high pH soils are a concern.
U.S.		<i>Quercus buckleyi</i> - Texas Red Oak	😊	😊	😊	😊	😊	35	85	May be a good option in higher pH soils.
Region		<i>Quercus coccinea</i> - Scarlet Oak	😊	😊	😊	😊	😊	70	90	Excellent tree for average or better soils.
		<i>Quercus dendata</i> - Japanese Emperor Oak	😊	😊	😊	😊	😊	50	70	Interesting and rare oak.
Local		<i>Quercus imbricaria</i> - Shingle Oak	😊	😊	😊	😊	😊	70	95	Holds most leaves thru winter which may be a concern where snow/ice melt is important, durable oak.
Region		<i>Quercus lyrata</i> - Overcup Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree that needs more use.
		<i>Quercus macdanielli</i> 'Clemons' - Heritage Oak	😊	😊	😊	😊	😊	70	90	Has non-native genes, heavy nut production.
Local		<i>Quercus macrocarpa</i> - Bur Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree for KC but has large nuts that may not be appropriate for urban sites.
Region		<i>Quercus michauxii</i> - Swamp Chestnut Oak	😊	😊	☹️	😊	😊	70	100+	Similar to Chestnut Oak, but more tolerant of wet soils.
Local		<i>Quercus muehlenbergii</i> - Chinkapin Oak	😊	😊	😊	😊	😊	60	100+	Excellent native, large and wide tree. Best for non-irrigated sites.
Region		<i>Quercus pagoda</i> - Cherrybark Oak	😊	😊	☹️	😊	😊	70	90	Excellent tree, should be used more.
U.S.		<i>Quercus prinus</i> (montana) - Chestnut Oak	😊	😊	☹️	😊	😊	60	95	Very drought tolerant, needs good drainage.
Local		<i>Quercus rubra</i> - Red Oak	😊	😊	😊	😊	😊	70	95	Shumard may be better selection for urban sites
Local		<i>Quercus shumardii</i> - Shumard Oak	😊	😊	😊	😊	😊	70	95	Excellent urban shade tree.
Local		<i>Quercus stellata</i> - Post Oak	😊	😊	😊	😊	😊	50	100+	Beautiful tree, slow growing with tiny acorns.
U.S.		<i>Quercus texana</i> - Nuttall Oak (Texas Red Oak)	😊	😊	☹️	😊	😊	70	75	Great urban tree that tolerates wet soils.

The Tree List: Trees For the Kansas City Region (As Rated by Metropolitan Area Experts)
 © Robert Whitman, RLA, AICP, LEED AP | Robert.Whitman@Multi.studio

Tree Name		Rating							Comments	
Native Status	Under Power Lines		Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft)	Exp. Lifespan (yrs.)	
		<i>Quercus × bebbiana</i> - Bebb's Oak	😊	😊	😊	😊	😊	70	100+	Cross between White Oak & Burr Oak.
		<i>Quercus</i> var. - Columnar Types	😊	😊	😊	😊	😊	45	85	Columnar oaks in the trade are excellent trees but are only partially native. Common cultivars: 'Kindred Spirit', 'Regal Prince', 'Scarlet Letter', 'Urban Pinnacle'.
	✱	<i>Syringa pekinensis</i> - Chinese Tree Lilac	😊	😊	😊	😊	😞	30	50	Interesting bark texture, late spring bloom.
	✱	<i>Syringa reticulata</i> 'Ivory Silk' - Japanese Tree Lilac	😊	😊	😊	😞	😞	30	30	Durable blooming tree but not very long lived.
U.S.		<i>Taxodium ascendens</i> - Pond Cypress	😊	😊	😊	😊	😞	50	100+	Interesting fine foliage compared to bald cypress. Cultivar: 'Prairie Sentinel'.
U.S.		<i>Taxodium distichum</i> - Bald Cypress	😊	😊	😊	😊	😞	70	100+	Great urban tree, interesting deciduous needled conifer, gets very large, grows knees on wet sites
U.S.		<i>Taxodium distichum</i> - Columnar Bald Cypress	😊	😊	😊	😊	😞	50	100+	'Shawnee Brave' is a wide columnar tree, 'Lindsey's Skyward' is a narrow columnar tree.
Local		<i>Tilia americana</i> - American Linden / Basswood	😊	😊	😞	😊	😊	60	75	Native Linden/Basswood, excellent tree, not preferred by Japanese beetle, common cultivars: 'Boulevard', 'American Sentry'.
		<i>Tilia tomentosa</i> - Silver Linden	😊	😊	😊	😊	😊	70	75	Excellent Linden, Cultivar: 'Sterling Silver'.
Local		<i>Ulmus americana</i> - American Elm cultivars	😊	😊	😊	😊	😊	70	95	The king of urban trees past. Still excellent with DED resistant cultivars: 'Valley Forge', 'Princeton', 'Prairie Expedition', 'New Harmony'.
		<i>Ulmus parvifolia</i> - Lacebark Elm	😊	😊	😊	😊	😊	50	60	Interesting bark, tough, fast growing, ice storm damage possible, cultivars: 'Allee', 'Emerald Prairie', 'Athena', 'Dynasty'.
		<i>Ulmus</i> x - Hybrid Elm	😊	😊	😊	😊	😊	50	80	Many excellent, durable complex elm clones: 'Frontier', 'Accolade', 'Triumph', 'Commendation', 'New Horizon', 'Patriot'.
		<i>Zelkova serrata</i> - Japanese Zelkova	😊	😊	😊	😞	😞	50	40	Durable, fast growing urban tree with minimal ecological benefit. Common cultivars: 'Green Vase', 'Halka', 'Village Green'.
		<i>Zelkova serrata</i> 'Musashino' - Columnar Zelkova	😊	😊	😊	😞	😞	50	40	Columnar selection of Zelkova.

The Tree List: Trees For the Kansas City Region (As Rated by Metropolitan Area Experts)
 © Robert Whitman, RLA, AICP, LEED AP | Robert.Whitman@Multi.studio

THE TREE LIST

Great Landscape Trees

For The Kansas City Region

(As Rated by Metropolitan Area Experts)

A study by Robert Whitman ^{RLA, AICP, LEED AP}

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Study Participants:

Alan Branhagen, Director of Horticulture, Powell Gardens (former); **Bob Haines**, Arborist (dec.); **Cheryl Boyer**, Assistant Professor, K-State Extension; **Chip Winslow**, FASLA, KSU Department of Landscape Architecture (retired); **Chris Casebeer**, Green Valley Nursery; **Dan Simmons**; **Dennis Patton**, Johnson County Extension Agent; **Ivan Katzer**, Consulting Arborist; **Kevin Smith**, Forester, Johnson County Parks & Recreation (retired); **Mark Young**, Country Club Tree Service; **Michael Dougherty**, Tree Management Company; **Robert Whitman**, Landscape Architect, Multistudio; **Scott Reiter**, Linda Hall Library (dec.); **Susan Mertz**, Director of Horticulture, Powell Gardens; **Tim McDonnell**, Forester, Kansas Forest Service; and **Tory Schwope**, KAT Nurseries

Great Landscape Trees For The Kansas City Region

KEY	* = Recommended Tree for the KC Region for general landscape use in favorable conditions and sites.	 = Super tree for this situation
	Native Status = Trees native to local KC, the region near KC, distance U.S. areas or invasive trees to the area.	 = Good tree for this situation
	Ratings = As scored by local experts. Some cultivars grouped and averaged with new trees added.	 = Marginal tree for this situation
	Height/Lifespan/Comments = As scored/commented by local experts. Ecosystem Services added.	 = Poor tree for this situation

Tree Name		Rating							Comments	
Native Status	General Landscape Recommended		Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft.)	Exp. Lifespan (yrs.)	
	*	<i>Acer buergerianum</i> - Trident Maple						30	65	Good urban tree, not hardy north of KC.
	*	<i>Acer griseum</i> - Paperbark Maple						30	65	Great fall color, dramatic exfoliating bark.
	*	<i>Acer miyabei</i> - Miyabe Maple						40	65	Durable, pale yellow fall color.
	*	<i>Acer miyabei</i> 'JFS-KW3AMI' - Rugged Ridge Miyabe Maple						55	65	More narrow than species, also: 'State Street'.
	*	<i>Acer palmatum</i> 'Bloodgood' - Red-leaf Japanese Maple						20	35	Good red foliage variety, for protected sites.
Local	*	<i>Acer saccharum</i> 'Sugar Maple						50	70	Good maple for irrigated sites & quality soils, common cultivars: 'Fall Fiesta', 'Bonfire', 'Green Mountain', 'Oregon Trail', 'Legacy'.
Region	*	<i>Acer saccharum</i> v. <i>Caddo</i> - Caddo Sugar Maple						40	70	Native variety to region, good selection for dry sites, common cultivars: 'Autumn Splendor', 'Flashfire', 'John Pair'.
	*	<i>Acer truncatum</i> - Shantung Maple						25	70	Excellent small tree for KC.
	*	<i>Acer x truncatum</i> - Sunset Maple cultivars						35	80	Medium size durable tree. Common cultivars: 'Pacific Sunset', 'Norwegian Sunset', 'Urban Sunset', 'Crimson Sunset'.
Local	*	<i>Aesculus glabra</i> var. <i>arguta</i> - Texas Buckeye						25	70	More drought tolerant variety.
Region	*	<i>Aesculus pavia</i> - Red Buckeye						15	50	Small tree, will bloom in shade. Buy in bloom to ensure best bloom quality.
Hybrid	*	<i>Aesculus x carnea</i> - Red Horsechestnut						30	65	Vibrant red bloom, larger than <i>A. pavia</i> . Common cultivar: 'O'Neill's Red'.
Local	*	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance' - Apple Serviceberry						20	40	Most common in trade, single trunk trees often sucker, making multi-stem plants preferred. Also 'Robin Hill' cultivar.
	*	<i>Carpinus betulus</i> - European Hornbeam						50	65	Clean shade tree that is underused.
	*	<i>Carpinus betulus</i> 'Fastigiata' - Upright Hornbeam						30	65	Durable upright tree. Also 'Frans Fontaine'.
U.S.	*	<i>Carpinus caroliniana</i> - American Hornbeam						30	65	Good shade tree alternative.
Local	*	<i>Cercis canadensis</i> - Redbud						18	30	Common native, prefers understory, but can do well on most sites.
Region	*	<i>Cercis canadensis</i> v. <i>texensis</i> - Oklahoma Redbud						18	30	Thicker foliage and enhanced tolerance of extremes.
	*	<i>Chionanthus retusus</i> - Chinese Fringe Tree						15	45	Tighter bloom, thicker leaf than native species.
U.S.	*	<i>Chionanthus virginicus</i> - White Fringe Tree						12	35	Good small or multi-trunk tree.

The Tree List: Trees For the Kansas City Region (As Rated by Metropolitan Area Experts)
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Tree Name			Rating						Comments	
Native Status	General Landscape Recommended		Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft.)	Exp. Lifespan (yrs.)	
Region	★	<i>Cladrastis kentukea</i> (lutea) - Yellowwood	😊	😊	😞	😊	😞	50	50	Great bloom and smooth bark.
	★	<i>Cornus controversa</i> 'June Snow' - June Snow Giant Dogwood	😊	😞	😞	😞	😞	30	25	Excellent form small tree for good or better soils
Region	★	<i>Cornus florida</i> - White Flowering Dogwood	😊	😞	😞	😞	😊	15	40	Missouri state tree, native just east of KC, only for good, draining soils. Common cultivars: 'Rubrum', 'Cherokee Princess', 'Princess Emily'.
	★	<i>Cornus kousa</i> - Kousa Dogwood	😊	😞	😞	😞	😞	20	40	More durable than natives for KC, common cultivars: 'Scarlet Fire', 'Stellar Pink', 'Celestial', 'Radiant Rose', 'Milky Way'.
	★	<i>Cornus mas</i> - Corneliancherry Dogwood	😊	😞	😊	😊	😞	16	50	Edible fruit, very early yellow bloom.
	★	<i>Eucommia ulmoides</i> - Hardy Rubber Tree	😊	😊	😊	😞	😞	40	50	Tough medium size tree, cultivar: 'Emerald Prairie'
	★	<i>Ginkgo biloba</i> - Ginkgo cultivars	😊	😊	😊	😊	😞	50	100+	Low ecological value, beautiful, long lived tree, protect from bark damage. Common cultivars: 'Princeton Sentry', 'Autumn Gold', 'Magyar', 'Shangri-La', 'Presidential Gold'.
Local	★	<i>Gymnocladus dioica</i> - Kentucky Coffeetree	😊	😊	😊	😊	😊	50	95	Very tough species, Common fruitless cultivars: 'Expresso', 'Decaf'.
Region	★	<i>Hamamelis virginiana</i> - Common Witchhazel	😊	😞	😊	😞	😞	20	35	Very early yellow bloom, underused, shrubby.
	★	<i>Heptacodium miconioides</i> - Seven-Son Flower	😊	😞	😊	😞	😞	8	30	Very late bloom and racemes for autumn interest, multi-trunk tree.
Region	★	<i>Maclura pomifera</i> - Thornless/Fruitless Osage Orange	😊	😊	😊	😊	😊	20	100+	Cultivars: 'White Shield', 'Wichita'. Excellent tree for difficult planting sites.
U.S.	★	<i>Magnolia acuminata</i> 'Butterflies' - Butterflies Magnolia	😊	😞	😊	😞	😞	20	40	Vibrant yellow magnolia bloom. Also: 'Yellow Bird'.
	★	<i>Magnolia liliiflora</i> x <i>stellata</i> - Jane Magnolia	😊	😞	😊	😊	😞	10	55	Good small magnolias with slightly later bloom than Star Magnolia. Cultivars: Ann, Betty, Jane.
U.S.	★	<i>Magnolia virginiana</i> - Sweetbay Magnolia	😊	😞	😞	😊	😞	15	55	Fragrant, durable semi-evergreen, multi-trunk. Cultivar: 'Moonglow'.
		<i>Malus cultivars</i> - Crabapple	😊	😊	😊	😊	😊	20	40	Many colors and characteristics. All not equal. Common cultivars: 'Coralburst', 'Perfect Purple', 'Prairiefire', 'Royal Raindrops', 'Spring Snow', 'Sugartyme', 'Velvet Pillar', 'Red Jewell'.
	★	<i>Malus sargentii</i> - Sargent Crabapple	😊	😞	😊	😞	😊	10	40	Very horizontal spreading character. Cultivars: 'Firebird', 'Tina'.
	★	<i>Metasequoia glyptostroboides</i> - Dawn Redwood	😊	😊	😊	😊	😞	70	95	Option to bald cypress, Interesting deciduous needled conifer.
Region	★	<i>Nyssa sylvatica</i> - Blackgum cultivars	😊	😊	😞	😊	😞	40	75	'Wildfire' is well proven. Common cultivars: 'Red Rage', 'Afterburner', 'Firestarter', 'Green Gable'.
Local	★	<i>Ostrya virginiana</i> - Amer. Hophornbeam	😊	😊	😊	😊	😊	40	95	Good native woodland tree. Cultivar: 'Autumn Treasure'.
	★	<i>Parrotia persica</i> - Persian Parrotia	😊	😊	😊	😊	😞	25	65	Excellent fall color, flower often freezes. Makes a good small shrubby tree.
Local	★	<i>Quercus alba</i> - White Oak	😊	😊	😊	😊	😊	70	100+	Queen of the shade trees, best for quality soils.
Local	★	<i>Quercus bicolor</i> - Swamp White Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree for all large shade tree needs. Extremely high pH soils are a concern.
Region	★	<i>Quercus coccinea</i> - Scarlet Oak	😊	😊	😊	😊	😊	70	90	Excellent tree for average or better soils.
Region	★	<i>Quercus lyrata</i> - Overcup Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree that needs more use.

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Native Status	General Landscape Recommended		Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft.)	Exp. Lifespan (yrs.)	
Local	★	<i>Quercus macrocarpa</i> - Bur Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree for KC but has large nuts that may not be appropriate for urban sites.
Local	★	<i>Quercus muehlenbergii</i> - Chinkapin Oak	😊	😊	😊	😊	😊	60	100+	Excellent native, large and wide tree. Best for non-irrigated sites.
Region	★	<i>Quercus pagoda</i> - Cherrybark Oak	😊	😊	😞	😊	😊	70	90	Excellent tree, should be used more.
U.S.	★	<i>Quercus prinus</i> (montana) - Chestnut Oak	😊	😊	😞	😊	😊	60	95	Very drought tolerant, needs good drainage.
Local	★	<i>Quercus rubra</i> - Red Oak	😊	😊	😊	😊	😊	70	95	Shumard may be better selection for urban sites
Local	★	<i>Quercus shumardii</i> - Shumard Oak	😊	😊	😊	😊	😊	70	95	Excellent urban shade tree.
Local	★	<i>Quercus stellata</i> - Post Oak	😊	😊	😊	😊	😊	50	100+	Beautiful tree, slow growing with tiny acorns.
	★	<i>Quercus × bebbiana</i> - Bebb's Oak	😊	😊	😊	😊	😊	70	100+	Cross between White Oak & Burr Oak.
	★	<i>Quercus</i> var. - Columnar Types	😊	😊	😊	😊	😊	45	85	Columnar oaks in the trade are excellent trees but are only partially native. Common cultivars: 'Kindred Spirit', 'Regal Prince', 'Scarlet Letter', 'Urban Pinnacle'.
	★	<i>Syringa reticulata</i> 'Ivory Silk' - Japanese Tree Lilac	😊	😊	😊	😞	😞	30	30	Durable blooming tree but not very long lived.
U.S.	★	<i>Taxodium ascendens</i> - Pond Cypress	😊	😊	😊	😊	😞	50	100+	Interesting fine foliage compared to bald cypress. Cultivar: 'Prairie Sentinel'.
U.S.	★	<i>Taxodium distichum</i> - Bald Cypress	😊	😊	😊	😊	😞	70	100+	Great urban tree, interesting deciduous needled conifer, gets very large, grows knees on wet sites
U.S.	★	<i>Taxodium distichum</i> - Columnar Bald Cypress	😊	😊	😊	😊	😞	50	100+	'Shawnee Brave' is a wide columnar tree, 'Lindsey's Skyward' is a narrow columnar tree.
Local	★	<i>Tilia americana</i> - American Linden / Basswood	😊	😊	😞	😊	😊	60	75	Native Linden/Basswood, excellent tree, not preferred by Japanese beetle, common cultivars: 'Boulevard', 'American Sentry'.
	★	<i>Tilia tomentosa</i> - Silver Linden	😊	😊	😊	😊	😊	70	75	Excellent Linden, Cultivar: 'Sterling Silver'.
Local	★	<i>Ulmus americana</i> - American Elm cultivars	😊	😊	😊	😊	😊	70	95	The king of urban trees past. Still excellent with DED resistant cultivars: 'Valley Forge', 'Princeton', 'Prairie Expedition', 'New Harmony'.
	★	<i>Ulmus parvifolia</i> - Lacebark Elm	😊	😊	😊	😊	😊	50	60	Interesting bark, tough, fast growing, ice storm damage possible, cultivars: 'Allee', 'Emerald Prairie', 'Athena', 'Dynasty'.
	★	<i>Ulmus</i> x - Hybrid Elm	😊	😊	😊	😊	😊	50	80	Many excellent, durable complex elm clones: 'Frontier', 'Accolade', 'Triumph', 'Commendation', 'New Horizon', 'Patriot'.
	★	<i>Zelkova serrata</i> - Japanese Zelkova	😊	😊	😊	😞	😞	50	40	Durable, fast growing urban tree with minimal ecological benefit. Common cultivars: 'Green Vase', 'Halka', 'Village Green'.
	★	<i>Zelkova serrata</i> 'Musashino' - Columnar Zelkova	😊	😊	😊	😞	😞	50	40	Columnar selection of Zelkova.

The Tree List: Trees For the Kansas City Region (As Rated by Metropolitan Area Experts)
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THE TREE LIST

Comprehensive Tree List

For The Kansas City Region

(As Rated by Metropolitan Area Experts)

A study by Robert Whitman ^{RLA, AICP, LEED AP}

The Tree List: For The Kansas City Region (As Rated By Metropolitan Area Experts) was a study conducted by Robert Whitman, RLA, AICP, LEED AP, in which Kansas City area tree experts were asked to provide numerical ratings for over 380 trees in multiple categories. These ratings were averaged to determine the highest rated trees for each category. Some trees and categories have been added since that original study to provide additional information for users. This list shows all typically available trees, good and bad, to provide users with information on most tree options.

Study Participants:

Alan Branhagen, Director of Horticulture, Powell Gardens (former); **Bob Haines**, Arborist (dec.); **Cheryl Boyer**, Assistant Professor, K-State Extension; **Chip Winslow**, FASLA, KSU Department of Landscape Architecture (retired); **Chris Casebeer**, Green Valley Nursery; **Dan Simmons**; **Dennis Patton**, Johnson County Extension Agent; **Ivan Katzer**, Consulting Arborist; **Kevin Smith**, Forester, Johnson County Parks & Recreation (retired); **Mark Young**, Country Club Tree Service; **Michael Dougherty**, Tree Management Company; **Robert Whitman**, Landscape Architect, Multistudio; **Scott Reiter**, Linda Hall Library (dec.); **Susan Mertz**, Director of Horticulture, Powell Gardens; **Tim McDonnell**, Forester, Kansas Forest Service; and **Tory Schwope**, KAT Nurseries

Comprehensive Tree List For The Kansas City

KEY	* = Recommended Tree for the KC Region for general landscape use in favorable conditions and sites.	 = Super tree for this situation
	Native Status = Trees native to local KC, the region near KC, distance U.S. areas or invasive trees to the area.	 = Good tree for this situation
	Ratings = As scored by local experts. Some cultivars grouped and averaged with new trees added.	 = Marginal tree for this situation
	Height/Lifespan/Comments = As scored/commented by local experts. Ecosystem Services added.	 = Poor tree for this situation

Tree Name		Rating							Comments	
Native Status	General Landscape Recommended		Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft.)	Exp. Lifespan (yrs.)	
	*	<i>Acer buergerianum</i> - Trident Maple						30	65	Good urban tree, not hardy north of KC.
		<i>Acer campestre</i> - Hedge Maple						50	60	Compact form, dark green leaf, tolerates high pH
		<i>Acer campestre</i> 'JFS Shichtel2' - Streetside Hedge Maple						35	60	Narrow cultivar, 'Metro Gold' is less hardy.
Invasive		<i>Acer ginnala</i> - Amur Maple						20	40	Self-seeds, 'Flame' is common cultivar.
	*	<i>Acer griseum</i> - Paperbark Maple						30	65	Great fall color, dramatic exfoliating bark.
	*	<i>Acer miyabei</i> - Miyabe Maple						40	65	Durable, pale yellow fall color.
	*	<i>Acer miyabei</i> 'JFS-KW3AMI' - Rugged Ridge Miyabe Maple						55	65	More narrow than species, also: 'State Street'.
Local		<i>Acer negundo</i> - Boxelder						50	25	Fast, weak wooded. Best for natural areas.
		<i>Acer palmatum</i> - Japanese Maple						20	35	Only for protected sites. Common cultivars: 'Fireglow', 'Sango Kaku'.
	*	<i>Acer palmatum</i> 'Bloodgood' - Red-leaf Japanese Maple						20	35	Good red foliage variety, for protected sites.
		<i>Acer palmatum</i> var. 'dissectum' - Lanceleaf Japanese Maple						10	25	Shrubby cutleaf type.
		<i>Acer platanoides</i> - Norway Maple						50	50	Poor performer, invasive on east coast.
		<i>Acer platanoides</i> 'Crimson King' - Purple leaf Norway Maple						35	50	Poor performer, fades to green thru season.
Region		<i>Acer rubrum</i> - Red Maple						50	45	Subject to bark damage, shallow rooter, all red maples are way overplanted.
Region		<i>Acer rubrum</i> - Red Maple cultivars						50	45	Same issues as species, but with more refined features. Common cultivars: 'Autumn Flame', 'Bowhall', 'October Glory', 'Red Sunset', 'Summer Red', 'Sun Valley'.
Region		<i>Acer x freemanii</i> (Red Maple x Silver Maple cross)						50	40	Overplanted, fast rowing, good fall color, structural issues, common cultivars: 'Autumn Blaze', 'Armstrong', 'Celebration', 'Indian Summer', 'Matador'.
Local		<i>Acer saccharinum</i> - Silver Maple						70	40	Fast grower, weak wooded, best for natural areas.
Local	*	<i>Acer saccharum</i> 'Sugar Maple						50	70	Good maple for irrigated sites & quality soils, common cultivars: 'Fall Fiesta', 'Bonfire', 'Green Mountain', 'Oregon Trail', 'Legacy'.
Region	*	<i>Acer saccharum</i> v. <i>Caddo</i> - Caddo Sugar Maple						40	70	Native variety to region, good selection for dry sites, common cultivars: 'Autumn Splendor', 'Flashfire', 'John Pair'.

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Tree Name		Rating							Comments	
Native Status	General Landscape Recommended		Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft.)	Exp. Lifespan (yrs.)	
		<i>Acer tartaricum</i> - Tatarian Maple	😊	😊	😊	😞	😊	20	30	Durable substitute to A. ginnala.
		<i>Acer tartaricum</i> 'GarAnn' - Hot Wings Tartarian Maple	😊	😊	😊	😞	😊	20	30	Common cultivars: 'Hot Wings', 'Rugged Charm', 'Pattern Perfect' selected for enhanced fall color or seed vibrance.
	★	<i>Acer truncatum</i> - Shantung Maple	😊	😊	😊	😊	😊	25	70	Excellent small tree for KC.
	★	<i>Acer x truncatum</i> - Sunset Maple cultivars	😊	😊	😊	😊	😊	35	80	Medium size durable tree. Common cultivars: 'Pacific Sunset', 'Norwegian Sunset', 'Urban Sunset', 'Crimson Sunset'.
Region		<i>Aesculus flava</i> (octandra) - Yellow Buckeye	😊	😞	😞	😊	😊	70	70	Good regional native, leaf scorch is common.
Local		<i>Aesculus glabra</i> - Ohio Buckeye	😞	😞	😞	😊	😊	30	70	Local native, early leaf drop reduces late summer shade benefits.
Local	★	<i>Aesculus glabra</i> var. <i>arguta</i> - Texas Buckeye	😞	😞	😊	😊	😊	25	70	More drought tolerant variety.
		<i>Aesculus hippocastanum</i> 'Baumannii' - Common Horsechestnut	😞	😞	😞	😊	😞	70	70	Fruitless cultivar, summer leaf scorch in KC.
Region	★	<i>Aesculus pavia</i> - Red Buckeye	😊	😞	😞	😊	😊	15	50	Small tree, will bloom in shade. Buy in bloom to ensure best bloom quality.
Hybrid	★	<i>Aesculus x carnea</i> - Red Horsechestnut	😊	😞	😞	😊	😊	30	65	Vibrant red bloom, larger than A. pavia. Common cultivar: 'O'Neill's Red'.
Invasive		<i>Ailanthus altissima</i> - Tree of Heaven	😞	😞	😊	😞	😞	50	20	Invasive, exotic weed.
Invasive		<i>Albizia julibrissin</i> var. <i>rosea</i> - Mimosa	😞	😞	😞	😞	😞	20	20	Short lived, self-seeds freely.
		<i>Alnus glutinosa</i> - Black Alder	😞	😊	😞	😞	😞	50	35	Tough, durable tree, especially in wet areas. May become invasive in wetland areas only.
Local		<i>Amelanchier arborea</i> - Downy Serviceberry	😊	😞	😊	😞	😊	20	30	Needs perfect soil, Short bloom time, nice fall color.
Region		<i>Amelanchier canadensis</i> - Shadblow Serviceberry	😊	😞	😊	😊	😊	10	45	Shrubby form not often in the trade.
Region		<i>Amelanchier leavis</i> - Allegheny Serviceberry	😊	😞	😊	😞	😊	20	25	Not common in the trade.
Local	★	<i>Amelanchier x grandiflora</i> 'Autmn Brilliance' - Apple Serviceberry	😊	😞	😊	😞	😊	20	40	Most common in trade, single trunk trees often sucker, making multi-stem plants preferred. Also 'Robin Hill' cultivar.
Region		<i>Aralia spinosa</i> - Devil's Walkingstick	😞	😞	😞	😞	😞	15	20	Thorny native with an exotic appearance. Good late season nectar & wildlife fruit.
Local		<i>Asimina triloba</i> - Pawpaw	😊	😞	😞	😞	😊	20	25	Tasty fruit, plant in multiples for fruit production, will sucker/colonize. Best for naturalized landscapes.
U.S.		<i>Betula lenta</i> - Sweet Birch	😞	😞	😞	😊	😞	50	50	Not common in the trade.
Local		<i>Betula nigra</i> - River Birch	😞	😞	😊	😞	😞	70	40	Shallow rooting, pH concerns, messy. Grows larger than expected, best in natural areas.
Local		<i>Betula nigra</i> 'Fox Valley' - Little King River Birch	😞	😞	😞	😞	😞	15	25	Interesting dwarf multi-stem tree.
Local		<i>Betula nigra</i> 'Heritage' - Heritage River Birch	😊	😞	😊	😞	😞	70	40	Better than species for landscapes, 'Dura-Heat' not recommended.
U.S.		<i>Betula papyrifera</i> - Paper Birch	😞	😞	😞	😞	😞	50	10	White bark, borer issues, not successful in KC.
		<i>Betula pendula</i> - European White Birch	😞	😞	😞	😞	😞	50	10	White bark with weeping form, borer issues.
		<i>Betula platyphylla</i> 'Whitespire' - Whitespire Japanese White Birch	😞	😞	😞	😞	😞	30	10	Slightly better borer resistance, but not well suited to KC soils and climate.

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Tree Name		Rating							Comments	
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		<i>Broussonetia papyrifera</i> - Paper Mulberry						45	10	Fast grower, but somewhat invasive.
	★	<i>Carpinus betulus</i> - European Hornbeam						50	65	Clean shade tree that is underused.
	★	<i>Carpinus betulus</i> 'Fastigiata' - Upright Hornbeam						30	65	Durable upright tree. Also 'Frans Fontaine'.
U.S.	★	<i>Carpinus caroliniana</i> - American Hornbeam						30	65	Good shade tree alternative.
Local		<i>Carya cordiformis</i> - Bitternut Hickory						65	90	Durable native nut tree.
Local		<i>Carya illinoensis</i> - Pecan						70	90	Durable native nut tree.
Local		<i>Carya laciniosa</i> - Shellbark Hickory						60	90	Durable native nut tree.
Local		<i>Carya ovata</i> - Shagbark Hickory						55	90	Durable native nut tree with interesting bark.
		<i>Castanea mollissima</i> - Chinese Chestnut						35	70	Nice tree, but messy spiny seed husks.
		<i>Catalpa ovata</i> - Chinese Catalpa						40	30	Not as nice as the native Catalpa.
Region		<i>Catalpa speciosa</i> - Northern Catalpa						45	80	Durable, abundant flower, messy.
Local		<i>Celtis laevigata</i> - Sugarberry						70	65	Sim. To hackberry, smooth bark, less hardy.
Local		<i>Celtis occidentalis</i> - Hackberry						70	80	Large native tree, durable but less strength than similar size oaks.
Local		<i>Celtis occidentalis</i> 'JFS-KSU' - Prairie Sentinel Hackberry						45	80	Good columnar tree for challenging soils/sites.
		<i>Cercidiphyllum japonicum</i> - Katsuratree						50	35	Not a durable selection for KC, needs excellent draining soils.
Local	★	<i>Cercis canadensis</i> - Redbud						18	30	Common native, prefers understory, but can do well on most sites.
Region	★	<i>Cercis canadensis</i> v. <i>texensis</i> - Oklahoma Redbud						18	30	Thicker foliage and enhanced tolerance of extremes.
	★	<i>Chionanthus retusus</i> - Chinese Fringe Tree						15	45	Tighter bloom, thicker leaf than native species.
U.S.	★	<i>Chionanthus virginicus</i> - White Fringe Tree						12	35	Good small or multi-trunk tree.
Region	★	<i>Cladrastis kentukea</i> (lutea) - Yellowwood						50	50	Great bloom and smooth bark.
Region		<i>Cornus alternifolia</i> - Pagoda Dogwood						15	20	Interesting regional native with open bloom.
	★	<i>Cornus controversa</i> 'June Snow' - June Snow Giant Dogwood						30	25	Excellent form small tree for good or better soils
Region	★	<i>Cornus florida</i> - White Flowering Dogwood						15	40	Missouri state tree, native just east of KC, only for good, draining soils. Common cultivars: 'Rubrum', 'Cherokee Princess', 'Princess Emily'.
	★	<i>Cornus kousa</i> - Kousa Dogwood						20	40	More durable than natives for KC, common cultivars: 'Scarlet Fire', 'Stellar Pink', 'Celestial', 'Radiant Rose', 'Milky Way'.
	★	<i>Cornus mas</i> - Corneliancherry Dogwood						16	50	Edible fruit, very early yellow bloom.
		<i>Corylus colurna</i> - Turkish Hazel						50	70	Very durable tree, medium size.
		<i>Cotinus coggygia</i> 'Royal Purple' - Purple Smoketree						15	30	Purple leaf, bushy habit, short lived.
Region		<i>Cotinus obovatus</i> - Chittamwood						25	40	Uncommon species, interesting character.

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		<i>Cotinus x 'Grace' - Grace Smoketree</i>	😊	😊	😊	😊	😊	20	40	Excellent fall color, good option to 'Royal Purple'.
		<i>Crataegus ambigua - Russian Hawthorn</i>	😊	😊	😊	😊	😊	20	50	Tough, good north and west of KC.
Local		<i>Crataegus crus-galli - Cockspur Hawthorn</i>	😞	😞	😞	😞	😊	20	20	Cockspur, Autumn Glory, Downy, Washington, Winter King are not recommended.
Local		<i>Diospyros virginiana - Persimmon</i>	😊	😊	😊	😊	😊	50	65	Best in natural areas or for fruit and course bark texture.
Invasive		<i>Elaeagnus angustifolia - Russian Olive</i>	😞	😞	😊	😞	😞	20	15	Invasive, not used anymore, short lived.
	★	<i>Eucommia ulmoides - Hardy Rubber Tree</i>	😊	😊	😊	😊	😊	40	50	Tough medium size tree, cultivar: 'Emerald Prairie'
Local		<i>Euonymus atropurpureus - Eastern Wahoo</i>	😊	😞	😊	😞	😊	15	20	Woodland shrubby tree, short lived.
U.S.		<i>Fagus grandifolia - American Beech</i>	😊	😊	😞	😊	😊	50	65	Not well suited to KC.
		<i>Fagus sylvatica - European Beech</i>	😊	😊	😞	😊	😊	50	60	Performs poorly due to KC climate stresses.
Local		<i>Fraxinus sp. - Ash</i>	😞	😞	😞	😞	😊	70	5	Emerald ash borer has made this tree unusable.
		<i>Ginkgo biloba - Ginkgo</i>	😊	😊	😊	😊	😊	70	100+	Only use known cultivars to ensure a male, fruitless tree.
	★	<i>Ginkgo biloba - Ginkgo cultivars</i>	😊	😊	😊	😊	😊	50	100+	Low ecological value, beautiful, long lived tree, protect from bark damage. Common cultivars: 'Princeton Sentry', 'Autumn Gold', 'Magyar', 'Shangri-La', 'Presidential Gold'.
Local		<i>Gleditsia triacanthos - Honeylocust</i>	😊	😊	😊	😊	😊	70	65	Use cultivars for thornless and seedless character, protect trunk during moving/planting to reduce canker issues, Common cultivars: Shademaster, 'Street Keeper', 'Imperial', Skyline
Local	★	<i>Gymnocladus dioica - Kentucky Coffeetree</i>	😊	😊	😊	😊	😊	50	95	Very tough species, Common fruitless cultivars: 'Expresso', 'Decaf'.
U.S.		<i>Halesia carolina - Silverbell</i>	😊	😞	😞	😞	😊	20	20	Not well suited to KC, needs highly organic soil.
Region	★	<i>Hamamelis virginiana - Common Witchhazel</i>	😊	😞	😊	😊	😊	20	35	Very early yellow bloom, underused, shrubby.
		<i>Hamamelis x intermedia 'Arnold Promise' - Arnold Promise Witchhazel</i>	😊	😞	😊	😊	😊	15	35	Good non-native shrubby small tree.
	★	<i>Heptacodium miconioides - Seven-Son Flower</i>	😊	😞	😊	😊	😊	8	30	Very late bloom and racemes for autumn interest, multi-trunk tree.
Local		<i>Juglans nigra - Black Walnut</i>	😊	😊	😊	😊	😊	70	100+	Durable very long lived, will poison soil for other plants, messy, best for natural areas.
Invasive		<i>Koeleruteria paniculata - Golden Raintree</i>	😊	😊	😊	😊	😞	70	70	Freely self-seeds, tough, good summer bloom.
Region		<i>Liquidambar styraciflua - Sweetgum</i>	😞	😊	😊	😊	😊	50	70	Durable. Very messy, spiky seed husks. Some cultivars have fewer seeds but none are seedless.
Region		<i>Liquidambar styr. 'Slender Silhouette' - Columnar Sweetgum</i>	😞	😊	😊	😞	😊	50	60	Very narrow columnar tree.
U.S.		<i>Liriodendron tulipifera - Tuliptree</i>	😊	😊	😊	😊	😊	55	70	An excellent option for fast growth rate.
		<i>Maackia amurensis - Amur Maackia</i>	😊	😊	😊	😊	😊	20	50	Durable, good mid-summer bloom. Cultivar: 'Starburst'.
Region		<i>Maclura pomifera - Osage Orange</i>	😞	😞	😊	😊	😊	50	100+	Very, very durable. Thorns and large, messy fruit make the true species hard to use.

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Region	✱	<i>Maclura pomifera</i> - Thornless/Fruitless Osage Orange	😊	😊	😊	😊	😊	20	100+	Cultivars: 'White Shield', 'Wichita'. Excellent tree for difficult planting sites.
U.S.		<i>Magnolia acuminata</i> - Cucumber Tree	😊	😊	😞	😊	😊	70	40	A large shade tree that deserves more use.
U.S.	✱	<i>Magnolia acuminata</i> 'Butterflies' - Butterflies Magnolia	😊	😊	😊	😊	😊	20	40	Vibrant yellow magnolia bloom. Also: 'Yellow Bird'.
U.S.		<i>Magnolia grandiflora</i> - Southern Magnolia	😊	😞	😊	😊	😊	35	75	Interesting evergreen tree only use cold hardy cultivars: Bracken's Brown', 'Edith Bogue'.
	✱	<i>Magnolia liliiflora</i> x <i>stellata</i> - Jane Magnolia	😊	😊	😊	😊	😊	10	55	Good small magnolias with slightly later bloom than Star Magnolia. Cultivars: Ann, Betty, Jane.
U.S.		<i>Magnolia macrophylla</i> - Big Leaf Magnolia	😊	😞	😞	😊	😊	30	30	Interesting specimen with very large leaves.
		<i>Magnolia stellata</i> - Star Magnolia	😊	😞	😊	😊	😊	15	60	Proven small magnolia. Cultivar: 'Royal Star'.
U.S.	✱	<i>Magnolia virginiana</i> - Sweetbay Magnolia	😊	😊	😊	😊	😊	15	55	Fragrant, durable semi-evergreen, multi-trunk. Cultivar: 'Moonglow'.
		<i>Magnolia x galaxy</i> - Galaxy Magnolia	😊	😊	😊	😞	😊	20	25	Red-pink bloom, option for Saucer Magnolia.
		<i>Magnolia x loebneri</i> 'Merrill' - Merrill Magnolia	😊	😞	😊	😊	😊	25	60	Option for Saucer Magnolia.
		<i>Magnolia x soulangiana</i> - Saucer Magnolia	😊	😊	😊	😊	😊	30	85	A proven long-lived Magnolia, blooms may freeze out. Cultivar: 'Rustica Red'.
		<i>Malus cultivars</i> - Crabapple	😊	😊	😊	😊	😊	20	40	Many colors and characteristics. All not equal. Common cultivars: 'Coralburst', 'Perfect Purple', 'Prairiefire', 'Royal Raindrops', 'Spring Snow', 'Sugartyme', 'Velvet Pillar', 'Red Jewell'.
		<i>Malus floribunda</i> - Japanese Crabapple	😊	😊	😊	😊	😊	20	40	Specimen tree with good disease resistance.
		<i>Malus hupehensis</i> - Tea Crabapple	😊	😊	😊	😊	😊	15	55	Short, wide spreading flowering crabapple.
	✱	<i>Malus sargentii</i> - Sargent Crabapple	😊	😞	😊	😊	😊	10	40	Very horizontal spreading character. Cultivars: 'Firebird', 'Tina'.
	✱	<i>Metasequoia glyptostroboides</i> - Dawn Redwood	😊	😊	😊	😊	😊	70	95	Option to bald cypress, Interesting deciduous needled conifer.
Invasive		<i>Morus alba</i> - Common Mulberry	😞	😞	😊	😊	😞	8	50	Terrible invasive weed, tasty fruit.
Local		<i>Morus rubra</i> - Red Mulberry	😞	😞	😊	😊	😊	50	70	Good native small woodland tree.
Region		<i>Nyssa sylvatica</i> - Blackgum	😊	😊	😊	😊	😊	40	75	Species is variable, cultivar is recommended.
Region	✱	<i>Nyssa sylvatica</i> - Blackgum cultivars	😊	😊	😊	😊	😊	40	75	'Wildfire' is well proven. Common cultivars: 'Red Rage', 'Afterburner', 'Firestarter', 'Green Gable'.
Local	✱	<i>Ostrya virginiana</i> - Amer. Hophornbeam	😊	😊	😊	😊	😊	40	95	Good native woodland tree. Cultivar: 'Autumn Treasure'.
U.S.		<i>Oxydendrum arboreum</i> - Sourwood	😊	😊	😞	😞	😊	30	25	Not well suited to our climate and soils, beautiful otherwise.
	✱	<i>Parrotia persica</i> - Persian Parrotia	😊	😊	😊	😊	😊	25	65	Excellent fall color, flower often freezes. Makes a good small shrubby tree.
Invasive		<i>Paulownia tomentosa</i> - Royal Paulownia Empress Tree	😞	😞	😞	😞	😞	30	20	Weak wooded and invasive.
		<i>Phellodendron amurense</i> - Amur Corktree	😊	😊	😊	😊	😊	30	60	Low value and not recommended.
		<i>Pistacia chinensis</i> - Chinese Pistache	😊	😊	😊	😊	😊	30	35	Not fully hardy in KC, good fall color.
Local		<i>Platanus occidentalis</i> - Sycamore	😊	😊	😊	😊	😊	70	95	Very large native tree, best for large sites or grand boulevards, prone to anthracnose, messy.

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		<i>Platanus x acerifolia</i> 'Morton Circle' - Exclamation Planetree	☹️	😊	😊	😊	☹️	70	95	Exclamation cultivar has a refined pyramidal form, better fungus resistance than others, but not native.
		<i>Populus alba</i> - White Poplar	☹️	☹️	☹️	☹️	☹️	50	25	Trash tree that suckers excessively.
Local		<i>Populus deltoides</i>	☹️	☹️	☹️	☹️	😊	80	40	Kansas state tree, very fast growing, messy, very large. 'Siouxland' cultivar is a seedless male, but less vigorous.
		<i>Populus tremula</i> 'Erecta' - Columnar Swedish Aspen	☹️	☹️	☹️	☹️	☹️	40	20	Used to replace the old Lombardy Poplar.
U.S.		<i>Populus tremuloides</i> - Quaking Aspen	☹️	☹️	☹️	☹️	☹️	35	15	Best suited to the mountains.
Region		<i>Populus tremuloides</i> 'NE Arb' - Prairie Gold Aspen	😊	☹️	☹️	☹️	☹️	35	25	Native to central Nebraska and better adapted to KC. Allow to sucker in colonies so use only in landscapes where this is appropriate.
		<i>Prunus americana</i> - American Plum	☹️	☹️	😊	😊	😊	15	25	Forms in colonies, best for natural landscapes.
		<i>Prunus cerasifera</i> 'Newport' - Newport Plum	☹️	☹️	☹️	☹️	😊	15	10	Very sort lived, not recommended.
		<i>Prunus sargentii</i> - Sargent Cherry	☹️	☹️	☹️	☹️	😊	50	20	Ornamental cherries generally perform poorly in KC.
Local		<i>Prunus serotina</i> - Black Cherry	☹️	☹️	😊	😊	😊	20	45	Large native tree that has high ecosystem benefits.
		<i>Prunus serrulata</i> 'Kwanzan' - Japanese Flowering Cherry	☹️	☹️	☹️	☹️	😊	20	15	A moderate performing ornamental cherry for KC.
		<i>Prunus subhirtella</i> 'Pendula' - Weeping Cherry	☹️	☹️	☹️	☹️	😊	8	10	A moderate performing weeping cherry in KC.
Local		<i>Prunus virginiana</i> 'Canada Red' - Canadian Red Chokecherry	☹️	😊	😊	☹️	😊	20	25	Useful for late purple foliage color, durable but not long lived.
		<i>Prunus x cistina</i> - Cistina Plum	☹️	☹️	☹️	☹️	😊	15	10	Short-lived small purple leaf plum.
		<i>Prunus x yedoensis</i> - Yoshino Cherry	☹️	☹️	☹️	☹️	😊	10	15	Beautiful, traditional cherry, but not durable.
		<i>Pseudocarya sinensis</i> - Chinese Quince	😊	😊	😊	😊	☹️	50	60	Interesting bark, subject to fireblight, not many old specimens in KC.
Invasive		<i>Pyrus calleryana</i> - Callery Pear	☹️	☹️	☹️	☹️	☹️	12	20	Terrible invasive. Never plant ornamental pears and remove existing trees. Common cultivars: 'Bradford', 'Aristocrat', 'Capital', 'Cleveland', 'Chanticleer'.
		<i>Quercus acutissima</i> - Sawtooth Oak	😊	😊	😊	😊	😊	50	85	Susceptible to storm damage, many better oak options.
Local	✱	<i>Quercus alba</i> - White Oak	😊	😊	😊	😊	😊	70	100+	Queen of the shade trees, best for quality soils.
Local	✱	<i>Quercus bicolor</i> - Swamp White Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree for all large shade tree needs. Extremely high pH soils are a concern.
U.S.		<i>Quercus buckleyi</i> - Texas Red Oak	😊	😊	😊	😊	😊	35	85	May be a good option in higher pH soils.
Region	✱	<i>Quercus coccinea</i> - Scarlet Oak	😊	😊	😊	😊	😊	70	90	Excellent tree for average or better soils.
		<i>Quercus dendata</i> - Japanese Emperor Oak	😊	😊	😊	😊	😊	50	70	Interesting and rare oak.
Local		<i>Quercus imbricaria</i> - Shingle Oak	😊	😊	😊	😊	😊	70	95	Holds most leaves thru winter which may be a concern where snow/ice melt is important, durable oak.
Region	✱	<i>Quercus lyrata</i> - Overcup Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree that needs more use.

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		<i>Quercus macdanielli</i> 'Clemons' - Heritage Oak	😊	😊	😊	😊	😊	70	90	Has non-native genes, heavy nut production.
Local	★	<i>Quercus macrocarpa</i> - Bur Oak	😊	😊	😊	😊	😊	70	100+	Excellent tree for KC but has large nuts that may not be appropriate for urban sites.
Local		<i>Quercus marilandica</i> - Blackjack Oak	😞	😊	😊	😊	😊	30	100+	Tough but very slow growing. Long lived and not in production.
Region		<i>Quercus michauxii</i> - Swamp Chestnut Oak	😊	😊	😞	😊	😊	70	100+	Similar to Chestnut Oak, but more tolerant of wet soils.
Local	★	<i>Quercus muehlenbergii</i> - Chinkapin Oak	😊	😊	😊	😊	😊	60	100+	Excellent native, large and wide tree. Best for non-irrigated sites.
Region		<i>Quercus nigra</i> - Water Oak	😞	😊	😞	😊	😊	70	70	Becoming more hardy, holds green leaves late.
Region	★	<i>Quercus pagoda</i> - Cherrybark Oak	😊	😊	😞	😊	😊	70	90	Excellent tree, should be used more.
Local		<i>Quercus palustris</i> - Pin Oak	😞	😊	😞	😊	😊	45	90	Overused in the past, chlorosis issues in high pH soils, many better oak options.
Region		<i>Quercus phellos</i> - Willow Oak	😊	😊	😞	😊	😊	15	80	Northern strains have thrived, interesting narrow willow-like leaf.
U.S.	★	<i>Quercus prinus</i> (montana) - Chestnut Oak	😊	😊	😞	😊	😊	60	95	Very drought tolerant, needs good drainage.
		<i>Quercus robur</i> - English Oak	😊	😊	😞	😊	😊	70	85	Mildew issues, many superior oak options.
Local	★	<i>Quercus rubra</i> - Red Oak	😊	😊	😊	😊	😊	70	95	Shumard may be better selection for urban sites
Local	★	<i>Quercus shumardii</i> - Shumard Oak	😊	😊	😊	😊	😊	70	95	Excellent urban shade tree.
Local	★	<i>Quercus stellata</i> - Post Oak	😊	😊	😊	😊	😊	50	100+	Beautiful tree, slow growing with tiny acorns.
U.S.		<i>Quercus texana</i> - Nuttall Oak (Texas Red Oak)	😊	😊	😞	😊	😊	70	75	Great urban tree that tolerates wet soils.
Local		<i>Quercus velutina</i> - Black Oak	😞	😊	😊	😊	😊	70	85	Similar to red oak without the red fall color.
	★	<i>Quercus × bebbiana</i> - Bebb's Oak	😊	😊	😊	😊	😊	70	100+	Cross between White Oak & Burr Oak.
	★	<i>Quercus</i> var. - Columnar Types	😊	😊	😊	😊	😊	45	85	Columnar oaks in the trade are excellent trees but are only partially native. Common cultivars: 'Kindred Spirit', 'Regal Prince', 'Scarlet Letter', 'Urban Pinnacle'.
Region		<i>Rhamnus caroliniana</i> - Carolina Buckthorn	😞	😞	😊	😞	😞	15	30	Durable native small tree, unkept appearance.
Invasive		<i>Rhamnus</i> sp. - Non-Native Buckthorn	😞	😞	😞	😞	😞	15	25	Invasive, remove existing trees.
U.S.		<i>Rhus typhina</i> - Staghorn Sumac	😞	😞	😊	😞	😊	12	15	Interesting massing plant, other sumac species are more shrublike in size.
Local		<i>Robinia pseudoacacia</i> - Black Locust	😞	😞	😊	😞	😊	50	35	Tough, mangy, fragrant blooms, few uses in the landscape due to suckering far from trunk.
		<i>Salix alba</i> - White Willow	😞	😞	😞	😞	😊	70	15	Invasive, exotic weed, somewhat weeping.
		<i>Salix babylonica</i> (sepulcralis) - Weeping Willow	😞	😞	😞	😞	😊	40	20	Messy, subject to winter injury, perfect near a pond but nowhere else.
U.S.		<i>Salix caprea</i> (discolor) - French Pussy Willow	😞	😞	😞	😞	😊	12	10	Fun, soft buds, subject to many heart rot and decay problems, shrubby.
		<i>Salix matsudana</i> 'Tortuosa', 'Snake' - Corkscrew Willow	😞	😞	😊	😞	😊	15	10	Interesting in the landscape, subject to many decay problems, shrubby. Also S. alba 'Tristis'.
Local		<i>Salix nigra</i> - Black Willow	😞	😞	😞	😞	😊	45	15	Best to stabilize stream banks, not in trade.

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Region		<i>Sapindus drummondii</i> - Soapberry	😊	😊	😊	😊	😊	50	60	Takes high pH and drought, but fruit is very messy, especially on cars.
Local		<i>Sassafras albidum</i> - Common Sassafras	😊	😊	😞	😊	😊	35	35	Very hard to establish, great when able to grow.
Region		<i>Sideroxylon lanuginosum</i> - Gum Bumelia	😊	😊	😊	😊	😊	40	40	Rugged tree accustomed to dry, rocky sites.
		<i>Sophora japonica</i> - Japanese Pagodatree	😊	😊	😊	😊	😊	40	40	Canker and breakage issues, seed issues.
		<i>Sorbus alnifolia</i> - Korean Mountain Ash	😞	😊	😞	😞	😊	35	15	Fireblight issues, interesting, but poor performance.
		<i>Sorbus aucuparia</i> - European Mountain Ash	😞	😞	😞	😞	😊	25	10	Heat & borers, needs a perfect site.
		<i>Stewartia pseudocamellia</i> - Japanese Stewartia	😊	😞	😞	😞	😊	25	15	Very touchy, no trees make it to maturity in KC.
		<i>Styrax japonicus</i> - Japanese Snowbell	😊	😞	😞	😞	😊	25	15	Very touchy, though beautiful when successful.
		<i>Styrax obassia</i> - Fragrant Snowbell	😊	😞	😞	😞	😊	20	20	Similar to <i>S. japonicus</i> .
		<i>Syringa pekinensis</i> - Chinese Tree Lilac	😊	😊	😊	😊	😊	30	50	Interesting bark texture, late spring bloom.
	★	<i>Syringa reticulata</i> 'Ivory Silk' - Japanese Tree Lilac	😊	😊	😊	😊	😊	30	30	Durable blooming tree but not very long lived.
U.S.	★	<i>Taxodium ascendens</i> - Pond Cypress	😊	😊	😊	😊	😊	50	100+	Interesting fine foliage compared to bald cypress. Cultivar: 'Prairie Sentinel'.
U.S.	★	<i>Taxodium distichum</i> - Bald Cypress	😊	😊	😊	😊	😊	70	100+	Great urban tree, interesting deciduous needled conifer, gets very large, grows knees on wet sites
U.S.		<i>Taxodium distichum</i> - Weeping Bald Cypress	😊	😞	😊	😊	😊	10+	50	Stake to desired height, cultivars: 'Cascade Falls', 'Falling Water'.
U.S.	★	<i>Taxodium distichum</i> - Columnar Bald Cypress	😊	😊	😊	😊	😊	50	100+	'Shawnee Brave' is a wide columnar tree, 'Lindsey's Skyward' is a narrow columnar tree.
Local	★	<i>Tilia americana</i> - American Linden / Basswood	😊	😊	😊	😊	😊	60	75	Native Linden/Basswood, excellent tree, not preferred by Japanese beetle, common cultivars: 'Boulevard', 'American Sentry'.
		<i>Tilia americana x euchlora</i> 'Redmond' - Redmond Linden	😊	😊	😊	😊	😊	50	55	Inferior cultivar to native species.
		<i>Tilia cordata</i> 'Greenspire' - Littleleaf Linden	😊	😊	😊	😊	😊	50	55	Japanese Beetle food, Common cultivars: 'Greenspire', 'Corinthian', 'Summer Sprite', 'Shamrock', 'Glenleven'.
		<i>Tilia mongolica</i> - Mongolian Linden	😊	😊	😊	😊	😊	35	65	Uncommon and underwhelming compared to other <i>Tilia</i> .
	★	<i>Tilia tomentosa</i> - Silver Linden	😊	😊	😊	😊	😊	70	75	Excellent Linden, Cultivar: 'Sterling Silver'.
		<i>Tilia x euchlora</i> - Crimean Linden	😊	😊	😊	😊	😊	50	65	Better than <i>T. cordata</i> , but not excellent.
Local		<i>Ulmus americana</i> - American Elm	😞	😞	😞	😞	😊	70	30	Not viable because of Dutch elm disease (DED).
Local	★	<i>Ulmus americana</i> - American Elm cultivars	😊	😊	😊	😊	😊	70	95	The king of urban trees past. Still excellent with DED resistant cultivars: 'Valley Forge', 'Princeton', 'Prairie Expedition', 'New Harmony'.
	★	<i>Ulmus parvifolia</i> - Lacebark Elm	😊	😊	😊	😊	😊	50	60	Interesting bark, tough, fast growing, ice storm damage possible, cultivars: 'Allee', 'Emerald Prairie', 'Athena', 'Dynasty'.
Invasive		<i>Ulmus pumila</i> - Siberian Elm	😞	😞	😊	😊	😞	50	60	Terrible invasive used decades ago to replace DED affected elms, messy.
	★	<i>Ulmus x</i> - Hybrid Elm	😊	😊	😊	😊	😊	50	80	Many excellent, durable complex elm clones: 'Frontier', 'Accolade', 'Triumph', 'Commendation', 'New Horizon', 'Patriot'.

The Tree List: Trees For the Kansas City Region (As Rated by Metropolitan Area Experts)

© Robert Whitman, RLA, AICP, LEED AP | Robert.Whitman@Multi.studio

Tree Name		Rating								Comments
Native Status	General Landscape Recommended		Landscape Value	Street Tree	Climate Adaptable	Drought Tolerant	Ecosystem Services	Mature Height (ft.)	Exp. Lifespan (yrs.)	
Region		<i>Viburnum lentago</i> - Nannyberry <i>Viburnum</i>						15	25	A woodland small tree/shrub.
Local		<i>Viburnum rufidulum</i> – Rusty Blackhaw						15	25	A good native woodland plant.
		<i>Zelkova serrata</i> 'Goshiki' - Variegated <i>Zelkova</i>						50	40	Interesting, variegated cultivar, same size as species, rare but worth more use.
	✱	<i>Zelkova serrata</i> - Japanese <i>Zelkova</i>						50	40	Durable, fast growing urban tree with minimal ecological benefit. Common cultivars: 'Green Vase', 'Halka', 'Village Green'.
	✱	<i>Zelkova serrata</i> 'Musashino' - Columnar <i>Zelkova</i>						50	40	Columnar selection of <i>Zelkova</i> .
		<i>Zizyphus jujube</i> - Chinese Date						20	50	Heat & drought tolerant, edible plum-like fruit.

CITY OF PARKVILLE Policy Report

Date: February 19, 2024

Prepared By:

Brittanie Propes, Parks & Recreation Director

Reviewed By:

ISSUE:

Revised Schedule of Fees

BACKGROUND:

Several sections of the Parkville Municipal Code authorize the collection of fees for various services provided to residents, along with ordinances that have not yet been codified. On August 5, 2014, the Board of Aldermen established a Schedule of Fees to help reduce the number of Code amendments and eliminate costs of updating the Code each time a fee is modified. Chapter 800 of the Code allows fees to be amended from time to time by resolution.

On January 10, CLARB discussed amending the Schedule of Fees and making changes to the Special Event and Facility Reservations Process. Some changes are reflected in the Schedule of Fees and other changes will be included in the staff process. Changes that will be reflected in the process, and updated in the Special Event Packet, include the following:

- Electricity usage for carnivals will be at cost and event organizer will be charged directly from Everygy
- City Park Staffer to be present during Tier 3 events
- Restroom availability for events. If events anticipate over 2,000 participants, the public restrooms will be closed, and the event holder would be responsible for renting porta potties to accommodate the participants.
- The event base fee will be due upon booking.
- When renting the downtown parking lot, the ball field must also be reserved for parking
- Memorial Bench fee added to the Schedule of Fees.
- Policies related to Memorial Benches and Memorial Trees will continue to be evaluated, including time limit, plaque requirements, and subcontracting the service.

The Schedule of Fees should be evaluated on an annual basis and the next update will coincide with the 2025 budget planning.

BUDGET IMPACT:

The revised Schedule of Fees will minimally impact the budget, offsetting some costs associated with Special Events and Facility Reservations.

ALTERNATIVES:

1. Approve the revision to the Schedule of Fees.
2. Do not approve the revision and provide further direction to staff.
3. Deny the revision to the Schedule of Fees.

STAFF RECOMMENDATION:

Staff recommends approving a resolution to amend the Schedule of Fees to update fees related to Special Events and Facility Reservations.

POLICY:

Although there is no specific statutory requirement, fees are typically codified by ordinance to ensure enforcement. Parkville Municipal Code Section 105.160 gives the Board of Aldermen the authority to levy and collect all taxes and licenses, which is interpreted to extend to all administrative fees. Section 800.010 of the Municipal Code establishes the Schedule of Fees which may be adopted or amended, from time to time, by resolution.

SUGGESTED MOTION:

I move to recommend the Board of Alderman approve Resolution updating the fees for special events in the Schedule of Fees.

ATTACHMENTS:

1. Schedule of Fees



City of Parkville Schedule of Fees

The schedule of fees consolidates all City fees and charges, adopted by resolution and ordinance, for the various services the City provides.

City Parks and Events

Municipal Code Chapter 140

Special Events

Application (non-refundable, applies toward event fee).....	\$25
Public Park Event (per day).....	\$400
5K/10K Event (per day).....	\$325
Public Park Wedding Event (per day).....	\$200
Downtown City Parking Lot Event (per day).....	\$100
Event Area Set Up/Tear Down Days (per day).....	\$50
Parade Event (4 th of July and Parkville Days exempt).....	At cost
Public Property Event (per day).....	\$50
Private Property Event (per day).....	\$25
Event Support (City park employees, per hour).....	\$30
Carnival Electricity.....	At cost

Shelter Reservations

Residents.....	\$25
Non-Residents.....	\$35

Maxine McKeon Stage (per day)

Residents.....	\$100
Non-Residents.....	\$125

English Landing River Stage (per day)

Residents.....	\$100
Non-residents.....	\$125

Baseball/Soccer Fields (per hour per field).....

Volleyball (per hour per court).....

Pickleball Courts (per hour per court).....

Basketball Courts.....

Standard Memorial Benches.....

Municipal Court

Municipal Code Chapter 145

All cases (each case).....	\$12
Police Training Fund (each case).....	\$2
Other costs (commitment or summons, as provided before Associate Circuit Judge in criminal prosecutions).....	Actual cost
Assessed against City for defendant's apprehension or confinement in any prison facility.....	Actual cost
Mileage to serve warrant or commitment or Order of the Court (each mile and fraction thereof officer must travel both directions).....	Same as to Sheriff
Crime Victims Compensation Fund (RSMo 595.045.3).....	\$7.50
(Paid monthly to Missouri Department of Revenue, Tax Division)	
Peace Officer Standards & Training Commission Fund.....	\$1
(Used statewide for training of peace officers; deposited with Treasurer of the State)	
Alcohol or drug-related traffic offenses	

**CITY OF PARKVILLE
Policy Report**

Date: February 19, 2024

Prepared By:

Brittanie Propes, Parks & Recreation Director

Reviewed By:

ISSUE:

Tree Trimming and Hazardous Tree Removal at Sullivan Nature Sanctuary

BACKGROUND:

Urban Tree Specialists acts as the City's certified arborist. They work directly with City staff to identify hazardous trees in various areas of the City. City Staff also works with the Missouri Department of Conservation and requested their certified Forester to review trees at English Landing Park and Platte Landing Park. Urban Tree Specialist and Missouri Department of Conservation separately reviewed the trees for dangerous, diseased and hazardous tree removal.

BUDGET IMPACT:

Each year, as part of the Tree City USA requirements, the City must spend \$2 per capita on urban forestry. This includes tree trimming, removal, and planting. To assist with the cost of maintaining trees in Parkville parks, staff applied for the Missouri Department of Conservation cost share grant. The city received multiple MDC grants for a total of \$28,000 for tree maintenance in 2024. City staff also applied for the CommuniTree Grant and ForestReleaf program to fund the purchase of new trees and shrubs. Tree trimming, removal, and new tree planting is part of the regular maintenance of parkville parks and nature sanctuaries. There are funds in the Nature Sanctuary budget to cover the highest prioritized tree trimming and removal for the Nature Sanctuary.

ALTERNATIVES:

1. Approve the item.
2. Approve the item, subject to changes.
3. Do not approve the item.
4. Postpone the item.

STAFF RECOMMENDATION:

Staff recommends approving the more urgent tree trimming and hazardous tree removal at Sullivan Nature Sanctuary.

POLICY:

Per Parkville Municipal Code Chapter 150, CLARB acts in an advisory capacity to the Board of Aldermen. Its recommendations must be approved by the Board of Aldermen.

SUGGESTED MOTION:

I move to approve the highest prioritized hazardous tree trimming and tree removal at Sullivan Nature Sanctuary for the amount of \$8,576.00

ATTACHMENTS:

1. Community Conservation Cost Share Proposal Form_Healthy Woodlands for Parkville FINAL
2. Sullivan Nature Sanctuary 2024 South Trail tree work
3. Sullivan Nature Sanctuary 2024 North Trail tree work

Community Conservation Cost Share Proposal Healthy Woodlands for Parkville

PROJECT TITLE AND PARTNERS

Title: Healthy Woodlands for Parkville

Location: Sullivan Nature Sanctuary
164 S. Main St.
Parkville, MO 64152
Tree City USA, Tier 2, 75% of reimbursable costs

MDC Planner:

Taylor Neff
Community Forester
ISA Certified Arborist MW-6287A
(816) 759-7305 ext. 1138
Taylor.Neff@mdc.mo.gov

Primary partner organization and contact:

Kristen Bontrager - Parkville Nature Sanctuary Director
Parkville Parks and Recreation Department
816-984-9589
916-741-7676 ext. 230
kbontrager@parkvillemo.gov

BUDGET

Reimbursable Costs:

Tree removals	\$4,000
Native plant seed (16 @ \$70 per lb.)	\$1,120
Native plant plugs (\$3.15 @ 100 plants plus shipping)	\$457.66
Tree seedlings (85 @ \$0.00)	\$0
Tree saplings (54 @ \$0.00)	\$0
Tree trunk protectors (54 @ \$2.25)	\$121.50
Reimbursable Total:	\$5,699.16

Non-reimbursable Costs:

Parkville grant administration/tree planting/invasive species removal/contractor supervision	\$1,095
Project Total:	\$6,794.16
MDC 75% Contribution:	\$5,095.62

PROJECT DETAILS

Need and objectives:

Sullivan Nature Sanctuary is growing in popularity as the population climbs. It is around eight acres located near Platte Landing Park and English Landing Park. Sullivan Nature Sanctuary maintenance falls under the care of the Parkville Nature Sanctuary Director with support from the Parks and Recreation Superintendent. It has a twin trail system on both sides of Rush Creek. Rush Creek is used for flood prevention and by Park University to conduct turtle surveys.

Sullivan Nature Sanctuary has great native trees and shrubs along most of the north side and some throughout the south side of the area. Several sycamore, pecan, birch, and bur oak trees are established and thriving from a previous planting. However, this entire parcel has issues with invasive callery pear, Japanese hops, bush honeysuckle, and several species of vines. The Director has spent many hours cutting and treating with chemical application. Most of the understory has recently been cleared by sheep and forestry mulching and is ready to be replanted with native understory trees, shrubs, shade-loving grasses and forbs. The following have been selected: buttonbush, false indigo, ninebark, pecan, elderberry, sumac, chokeberry, serviceberry, redbud, flowering dogwood, hazelnut, spicebush, Ohio buckeye, river oats, Jacob's ladder, cedar sedge, roundleaf groundsel and oak sedge.

Three trees have been identified as potentially hazardous along the trail system. See photos. Removed trees will be kept on site in the form of mulch to be used for trail maintenance and covering newly planted trees.

Expected benefits:

With a lush and native understory, we can expect:

- increased song and migratory bird habitat;
- increased flood prevention efforts;
- better stormwater run-off control;
- increased turtle and aquatic species habitat in Rush Creek;
- erosion prevention on steep banks along Rush Creek using ninebark to stabilize the soil;
- added beauty and educational opportunities with signage;
- and improved soil health with less mowing/ deeper root systems/ added habitat for microorganisms.

With the three trees removed, we can expect safer access to trails for the community.

Plan timeline:

October 3: CommuniTree tree saplings delivered

October 6: CommuniTree trees planted

November 1-March 31: Removal trees removed; community workday to increase visibility of Sullivan; disperse seed mix; overwinter willow and buttonbush saplings

Spring 2023: Seedlings delivered and planted; plant willow and buttonbush along Rush Creek; install water bags and tree protection

May 1: All work will be completed, paid and receipts and corresponding paperwork turned into the MDC representative for project reimbursement.

Publicity plan or signage:

The City of Parkville will create a press release following approval of the project. The City will post to its social media accounts (Facebook, Instagram and Twitter) of progress made on its woodland improvements, acknowledging MDC for its support.

Parkville Nature Sanctuary will host volunteer workdays to install all new plants in 2023 and 2024. Signs with QR codes will be installed to provide education on native and invasive plants and what wildlife they can expect to see in the area.

10-year management plan:

Year one- Have hazardous trees (four) removed. Fall installation of trees and plants water all plants and trees immediately after installation. Water all plants and trees for the first two weeks. Spread annual and native seed in winter. Install protective cages around newly installed trees and whips.

Year two – Install water bags on all trees and refill as needed. Supplemental water the shrubs and plants in hot summer months. Remove water bags prior to winter. Hand remove any invasive species in understory and along creek banks.

Year three – Replace water bags on trees. Continue invasive species management. Continue seeding along creek banks and understory. Begin removing cages on any trees that do not need them.

Year four – Begin pruning young trees that need it. Mark native plants to collect seed. Continue invasive species management.

Year five – Collect and spread native plant seed on any areas that need it along creek banks and understory. Supplemental water any plants and shrubs that need it. Remove cages from around trees that no longer need protection.

Year six – Continue with invasive species management and adding any additional native plants to areas where necessary.

Year seven – Assess trees for any disease or breakage. Prune where necessary. Supplemental water in the summer months if needed.

Year eight – Monitor site to ensure healthy plants. Collect any available native seed on site. Continue invasive species management.

Year nine – Spread native seed in area and mark plants ready for collection. Continue invasive species management.

Year ten – Collect any native seed that is ready. Monitor site for trees that need watering or pruning. Continue invasive species management.

Site Map. To be updated with more specific planting locations upon completion.



Parkville Nature Sanctuary
Kristen Bontrager
8880 Clark Ave
Parkville, MO 64152

Proposal Date: 7/26/2023

Work Site: Sullivan Nature Sanctuary
Parkville, MO 64152

Proposed By: Tony Wendland

Ad Source: City License

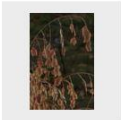
Work: 816-587-2593

Mobile: 913-558-2715

Qty	Plant	Location	Cost
4	Trees's	Throughout	
		Remove to ground level and leave all debris/chips onsite as directed:	\$0.00
		Multi stem Silver Maple in the middle of the north trail - \$3300.00	
		Boxelder with decayed trunk north of the above tree - \$350.00	
		South trail - Dead tree north of the lookout deck - Remove debris that lands in the creek - \$350.00	
			Subtotal: \$0.00
			Tax: \$0.00
			Total: \$4,000.00



River Oats (Chasmanthium latifolium)



River Oats (Chasmanthium latifolium)

Write a Review

SEEDS

Attractive, flattened seed heads. Plant in masses in shade to stabilize soil. Will increase readily from seed.

Questions about this item? Be the first to ask here.

Item #: CHLATs

Binomial Chasmanthium latifolium, Uniola latifolia

Choose one:

1/4 lb. PLS: \$17.50

Quantity 16

Add to Cart

SHOPPING CART

ITEMS	PRICE	QTY	Total	ORDER SUMMARY	
 Jacob's Ladder (Polemonium reptans) Choose one:: Small pot: \$3.15 Delete	\$3.15	25 Update	\$78.75	SUBTOTAL \$315.00	
 Cedar Sedge (Carex eburnea) Choose one:: Small pot: \$3.15 Delete	\$3.15	25 Update	\$78.75	TOTAL \$315.00	
 Roundleaf Groundsel (Packera obovata) Choose one:: Small pot: \$3.15 Delete	\$3.15	25 Update	\$78.75	PROCEED TO CHECKOUT	
 Oak Sedge (Carex albicans) Choose one:: Small pot: \$3.15 Delete	\$3.15	25 Update	\$78.75	Apply Gift Certificate or Coupon Code	
Subtotal (100 items): \$315.00				Calculate Shipping	
				Enter zip code to calculate shipping.	
				CALCULATE	
				KANSAS CITY, MO 64152	
				UPS Ground \$142.66	
				CLEAR	
				CONTINUE SHOPPING	



Serving nature and you

Trees - MO Dept of
Conservation
P O Box 119
Licking, MO 65542

AWAITING APPROVAL

Order No. : 15524-2023TMP

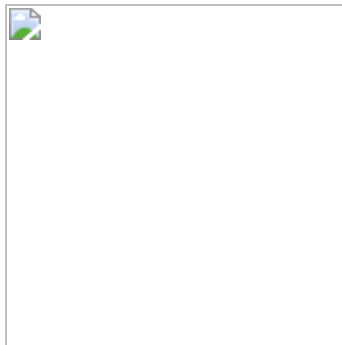
Delivery Preference : Ship

<i>Species</i>	<i>Qty. Wanted</i>	<i>Qty. Allocated</i>	<i>Amount</i>
Buttonbush	25	0	0.00
False Indigo	25	0	0.00
Ninebark	10	0	0.00
Pecan	25	0	0.00

<i>Order Sales Total</i>	0.00
<i>Sales Tax</i>	0.00
<i>Handling</i>	0.00
<i>Shipping Charge</i>	0.00
<i>Discount</i>	0.00
<i>Order Total</i>	0.00
<i>Total Paid</i>	0.00
<i>Total Due</i>	0.00

***This is an order that needs approval. Once approved the Missouri
Department of Conservation will bill you.***

From: Forest ReLeaf <jake@moreleaf.org>
Sent: Wednesday, August 02, 2023 9:59 AM
To: Kristen Bontrager
Subject: Your Forest ReLeaf order is now complete



Thanks for shopping with us

We have finished processing your order. Please schedule your pickup time [HERE](#)

Hi Kristen,

We have finished processing your order.

[Order #12356] (July 13, 2023)

Product	Quantity	Price
American Elderberry (Sambucus	7	\$0.00

Product	Quantity	Price
canadensis) (#46)		
Aromatic Sumac (Rhus aromatica) (#42)	4	\$0.00
Black Chokeberry (Aronia melanocarpa) (#4)	11	\$0.00
Buttonbush (Cephalanthus occidentalis) (#11)	5	\$0.00
Downy Serviceberry (Amelanchier arboria) (#3)	3	\$0.00
Eastern Redbud (Cercis canadensis) (#12)	7	\$0.00
Flowering Dogwood (Cornus florida) (#15)	2	\$0.00
Hazelnut (Corylus americana)	4	\$0.00
Spicebush (Lindera benzoin)	5	\$0.00
Ohio Buckeye (Aesculus glabra) (#2)	3	\$0.00
Eastern Ninebark (Physocarpus opulifolius) (#26)	3	\$0.00
Subtotal:		\$0.00
Shipping:		Trees must be picked up at the nursery in Creve Coeur unless a distribution location has been specified in the NOTES section at the end of this application
Total:		\$0.00

forestry-suppliers.com/checkout/

FORESTRY SUPPLIERS

Search...

54

TOTAL: \$136.83

PAYMENT ✓

REVIEW

SHIPPING ADDRESS

Parkville Nature Sanctuary
Kristen
Nature Sanctuary Director
8880 Clark Ave
Kansas City MO 64152-3727

Change

BILLING ADDRESS

Same as Shipping

Change

SHIPPING METHOD

Priority Mail
Ship As Available ⓘ

Change

PAYMENT METHOD

Visa ****9967
Expires: 12/23

Change

ITEMS	QTY	PRICE	TOTAL
 ArborGard+ Tree Trunk Protector Stock#: 13369 – In Stock	54	\$2.25	\$121.50

PURCHASE ORDER NUMBER:

SPECIAL INSTRUCTIONS:

Place Order

Forestry Rewards

Page 42 of 76

Photos 1-4. Three trees to be removed.





Photo 5. Sheep grazing on invasives and vine.



Photos 6-7. Before and after sheep grazing and mulching.



Parkville Nature Sanctuary
Kristen Bontrager
8880 Clark Ave
Parkville, MO 64152

Proposal Date: 12/7/2023

Work Site: Sullivan Nature Sanctuary
Parkville, MO 64152

Proposed By: Bret Cleveland

Ad Source: City License

Work: 816-587-2593

Mobile: 913-558-2715

Qty	Plant	Location	Cost
1	Job Location	-- Sullivan Nature Sanctuary - South Trail	\$0.00
1	Mulberry	South side of trail entrance -- Remove low dead and stubbed limbs - Crown raise lower canopy to approx 10-12 ft (Remove all debris)	\$50.00
5	Misc trees	Mid-trail on east side of observation deck -- Dead silver maple, broken top of other tree and misc broken/hanging limbs -- Remove all to ground level and move all limbs, logs and debris off the trail area - Cut remaining limbs and logs into smaller sections and leave in area where removing the trees	\$450.00
1	Boxelder	East side of steps to observation deck -- Remove large dead limbs over path and leave debris in natural area	\$50.00
1	Dead	Dead tree on north side of observation deck -- Remove to ground level - Leave all debris in area where removing the tree, but do NOT leave any limbs/logs in the creek	\$350.00
3	Boxelder	3-4 trees just west of observation deck at fork in trail -- Remove dead and broken limbs 1 inch and greater over trail area - Leave all debris in natural area	\$350.00
3	Dead	Barkless tall dead tree mid-trail near above trees and 2 far west dead/declining boxelder trees -- Remove to ground level and move all limbs, logs and debris off the trail area - Cut remaining limbs and logs into smaller sections and leave in area where removing the trees	\$400.00
1	Note	*** All above prices ONLY include cutting the limbs or removing the trees to ground level and leaving ALL limbs, logs and debris on-site in areas where performing the work, but not on the trail or in the creek as noted per service. ***	\$0.00

Subtotal: \$1,650.00

Tax: \$0.00

Total: \$1,650.00



Terms and Conditions

- It is agreed by and between Urban Tree Specialists LLC and the authorizing party (customer and/or customer's agent) that the following provisions are made as part of this contract:

- **Insurance by Contractor:** Urban Tree Specialists LLC warrants that it is insured for liability resulting from injury to person(s) or property and that all employees are covered by Workers' Compensation as required by law. Certificates of coverage are available upon request.

- **Cancellation Fee:** Urban Tree Specialists LLC kindly requests that the authorizing party provide at least 24 hours advance notice of any full or partial work cancellation. If a crew has been dispatched to the job site, the customer will be assessed a mobilization fee of \$150.00 for incurred expenses.

- **Completion of Contract:** Urban Tree Specialists LLC agrees to do its best to meet any agreed upon performance dates, but shall not be liable in damages or otherwise for delays because of inclement weather, labor, or any other cause beyond its control; nor shall the customer be relieved of compensation for delays.

- **Tree Ownership:** The authorizing party warrants that all trees listed are located on the customer's property, and, if not, that the authorizing party has received full permission from the owner to allow Urban Tree Specialists LLC to perform the specified work. Should any tree be mistakenly identified as to ownership, the customer agrees to indemnify Urban Tree Specialists LLC for any damages or costs incurred from the result thereof.

- **Safety:** Urban Tree Specialists LLC warrants that all arboricultural operations will follow the latest version of the ANSI Z133.1 Tree Care industry safety standards. The authorizing party agrees to not enter the work area during arboricultural operations unless authorized by the crew leader on-site.

- **All Work to Conform to ANSI A300 Tree Care Management Standards** for the arboricultural Industry unless otherwise specified in this proposal. **Stump Removal:** Unless specified in the proposal, stump removal is not included in the price quoted. Grindings from stump removal will be removed to approximately soil grade unless specified otherwise. Surface and subsurface roots beyond the stump are not removed unless specified in this proposal. Urban Tree Specialists LLC is not responsible for damages to underground sprinklers, drain lines, invisible fences or underground cables unless the system(s) are adequately and accurately mapped by the authorizing party and a copy is presented before or at the time the work is performed.

- **Concealed Contingencies:** Any additional work or equipment required to complete the work, caused by the authorizing party's failure to make known or caused by previously unknown foreign material in the trunk, the branches, underground, or any other condition not apparent in estimating the work specified, shall be paid for by the customer on a time and material basis.

- **Clean-up:** Clean-up shall include removing wood, brush, and clippings, and raking of the entire area affected by the specified work, unless noted otherwise on this proposal.

- **Pavement and Hardscapes:** Urban Tree Specialists LLC will do our best to avoid all damage to the customer's driveway(s), sidewalk(s), patio(s) and all other hardscaped areas, should any pavement or hardscape be damaged in any way, the customer agrees to indemnify Urban Tree Specialists LLC for any damages or costs incurred from the results thereof.

- **Lawn Repair:** Urban Tree Specialists LLC will attempt to minimize all disturbances to the customer's lawn. Lawn repairs are not included in the contract price, unless noted otherwise on this proposal.

- **Terms of Payment:** Unless otherwise noted in this proposal, the customer agrees to pay the account in full within 30 days of work completion. Failure to remit full payment within the payment term will result in a finance charge of 2.00% per month. Credit card payments will be assessed a 3.5% processing fee. Debit cards will not be assessed any fee(s).

- **Returned Check Fee:** There will be a \$100.00 fee charged for all checks returned to our office for non-sufficient funds



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Parkville Nature Sanctuary
Kristen Bontrager
8880 Clark Ave
Parkville, MO 64152

Proposal Date: 12/7/2023

Work Site: Sullivan Nature Sanctuary
Parkville, MO 64152

Proposed By: Bret Cleveland

Ad Source: City License

Work: 816-587-2593

Mobile: 913-558-2715

Qty	Plant	Location	Cost
1	Job Location	-- Sullivan Nature Sanctuary - North Trail	\$0.00
1	Boxelder	South side of entrance to trail -- Crown raise lower canopy to approx 12 ft and remove few low dead limbs	\$0.00
4	Cottonwood	Trees closest to east entrance over/toward trail area -- Remove deadwood 2-3 inch and greater on lower 75 of trees over/toward trail	\$400.00
1	Mulberry	XL tree 100 yards from east entrance -- Remove deadwood 2 inch and greater	\$350.00
1	Boxelder	Tree along riverbank south of mulberry -- Remove large dead top and deadwood 2 inch and greater over trail	\$200.00
1	Maple (Silver)	Severely decayed multi-stem tree in the middle of trail close to creek -- Remove to ground level and move all limbs, logs and debris off the trail area - Cut remaining limbs and logs into smaller sections and leave in area where removing the tree	\$3,000.00
1	Boxelder	North side of silver maple -- Remove few large dead limbs toward path	\$0.00
1	Boxelder	NW of maple with severely decayed trunk -- Remove to ground level and move all limbs, logs and debris off the trail area - Cut remaining limbs and logs into smaller sections and leave in area where removing the tree	\$350.00
1	Boxelder	West of maple -- Remove dead and broken/hanging limbs 2 inch and greater	\$200.00
1	Boxelder	Large tree along trail -- Remove large dead top and deadwood 2 inch and greater over trail	\$450.00
1	Maple (Silver)	XL severely decayed 2 stem tree near west end of trail -- Remove to ground level and move all limbs, logs and debris off the trail area - Cut remaining limbs and logs into smaller sections and leave in area where removing the tree	\$3,000.00
3	Boxelder	2 trees north of silver maple and 1 NE closest to trail -- Remove dead top and deadwood 1 inch and greater over sycamore and toward trail	\$500.00

1	Mulberry	Far north center area - 2 stem tree that split into 3 with severe decay and broken throughout -- Remove to ground level and move all limbs, logs and debris off the trail area - Cut remaining limbs and logs into smaller sections and leave in area where removing the tree	\$500.00
1	Maple (Silver)	2 stem severely decay tree in NE area near new trail -- Remove to ground level and move all limbs, logs and debris off the trail area - Cut remaining limbs and logs into smaller sections and leave in area where removing the tree	\$400.00
1	Maple (Silver)	2 stem tree in NE area closer to street with severely leaning/decayed south stem -- Remove severely leaning stem	\$400.00
1	Note	*** All above prices ONLY include cutting the limbs or removing the trees to ground level and leaving ALL limbs, logs and debris on-site in areas where performing the work. If time permits, we will cut the large logs into shorter lengths and move them off the trail area. In addition, if time and access permits, we will chip the smaller limbs, logs and debris and leave the chips in the areas where working. *** *** Urban Tree Specialists will do our best to avoid damaging small/young trees and shrubs throughout the areas where working; however we cannot be responsible for replacements if any are damaged while performing the tree pruning and/or removal services. ***	\$0.00

Subtotal: \$9,750.00

Tax: \$0.00

Total: \$9,750.00

Terms and Conditions

- It is agreed by and between Urban Tree Specialists LLC and the authorizing party (customer and/or customer's agent) that the following provisions are made as part of this contract:

- **Insurance by Contractor:** Urban Tree Specialists LLC warrants that it is insured for liability resulting from injury to person(s) or property and that all employees are covered by Workers' Compensation as required by law. Certificates of coverage are available upon request.

- **Cancellation Fee:** Urban Tree Specialists LLC kindly requests that the authorizing party provide at least 24 hours advance notice of any full or partial work cancellation. If a crew has been dispatched to the job site, the customer will be assessed a mobilization fee of \$150.00 for incurred expenses.

- **Completion of Contract:** Urban Tree Specialists LLC agrees to do its best to meet any agreed upon performance dates, but shall not be liable in damages or otherwise for delays because of inclement weather, labor, or any other cause beyond its control; nor shall the customer be relieved of compensation for delays.

- **Tree Ownership:** The authorizing party warrants that all trees listed are located on the customer's property, and, if not, that the authorizing party has received full permission from the owner to allow Urban Tree Specialists LLC to perform the specified work. Should any tree be mistakenly identified as to ownership, the customer agrees to indemnify Urban Tree Specialists LLC for any damages or costs incurred from the result thereof.

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- **Clean-up:** Clean-up shall include removing wood, brush, and clippings, and raking of the entire area affected by the specified work, unless noted otherwise on this proposal.

- **Pavement and Hardscapes:** Urban Tree Specialists LLC will do our best to avoid all damage to the customer's driveway(s), sidewalk(s), patio(s) and all other hardscaped areas, should any pavement or hardscape be damaged in any way, the customer agrees to indemnify Urban Tree Specialists LLC for any damages or costs incurred from the results thereof.

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- **Returned Check Fee:** There will be a \$100.00 fee charged for all checks returned to our office for non-sufficient funds

**CITY OF PARKVILLE
Policy Report**

Date: February 19, 2024

Prepared By:

Brittanie Propes, Parks & Recreation Director

Reviewed By:

ISSUE:

Tree Trimming and Hazardous Tree Removal at English Landing Park and Platte Landing Park

BACKGROUND:

Urban Tree Specialists acts as the City's certified arborist. They work directly with City staff to identify hazardous trees in various areas of the City. City Staff also works with the Missouri Department of Conservation and requested their certified Forester to review trees at English Landing Park and Platte Landing Park. Urban Tree Specialist and Missouri Department of Conservation separately reviewed the trees for dangerous, diseased and hazardous tree removal.

BUDGET IMPACT:

Each year, as part of the Tree City USA requirements, the City must spend \$2 per capita on urban forestry. This includes tree trimming, removal, and planting. To assist with the cost of maintaining trees in Parkville parks, staff applied for the Missouri Department of Conservation cost share grant. The city received multiple MDC grants for a total of \$28,000 for tree maintenance in 2024. City staff also applied for the CommuniTree Grant and ForestReleaf program to fund the purchase of new trees and shrubs. Tree trimming, removal, and new tree planting is part of the regular maintenance of parkville parks and nature sanctuaries. There is money budgeted in the 2024 parks budget for the remaining tree trimming and tree removal expenses.

ALTERNATIVES:

1. Approve the item.
2. Approve the item, subject to changes.
3. Do not approve the item.
4. Postpone the item.

STAFF RECOMMENDATION:

Staff recommends approving the recommended tree trimming and hazardous tree removal at Platte Landing Park and English Park.

POLICY:

Per Parkville Municipal Code Chapter 150, CLARB acts in an advisory capacity to the Board of Aldermen. Its recommendations must be approved by the Board of Aldermen.

SUGGESTED MOTION:

I move to approve the trimming and removal of the identified hazardous treest at Platte Landing Park and English Landing Park for a total of \$36,075.

ATTACHMENTS:

1. ELP and PLP 2023 overall grant and in-house work (1)

Parkville Parks and Recreation
Tom Barnard
8880 Clark Ave
Parkville, MO 64152

Proposal Date: 10/16/2023

Work Site: English Landing - Platte Landing Park
Parkville, MO 64152

Proposed By: Bret Cleveland

Ad Source: City License

Work: 816-587-2593

Mobile: 816-215-4047

Qty	Plant	Location	Cost
1	Job Location		\$0.00
-- PLATTE LANDING PARK --			
1	Cottonwood	XL tree on NE side of "Friends Shelter" -- Remove deadwood 2" and greater - Weight reduction and subordinating on the large lowest limb toward shelter and throughout west side as recommended	\$700.00
1	Elm (hybrid)	Large tree between "Friends Shelter" and river -- Remove deadwood 1 inch and greater	\$300.00
1	Cottonwood	XL severely damaged tree on west side of "Friends Shelter" -- Remove to ground level and remove all debris = \$900 -- Option: Weight reduction and subordinating on the long SE limb and make clean cuts throughout = \$350.00	\$900.00
1	Cottonwood	XL tree along river at approx 2.2 mile marker of 5K -- Remove deadwood 2 inch and greater over and toward trail including higher up in tree	\$450.00
1	Cottonwood	XL tree along river at approx 2.2 mile marker of 5K (Across from above tree closer to parking lot trail) -- Remove couple high SE dead limbs	\$250.00
1	Cottonwood	Cabled tree along river across from gate to area (Corp command post) -- Remove approx 8 inch dead limb	\$200.00
1	Elm (Siberian)	3 trees closest together along trail (75 yards west of above cottonwood) -- Remove center tree with most decayed base -- Remove to ground level and remove all debris	\$500.00
5	Misc trees	-- Large grouping of trees past 3rd well station -- 1) Remove 3 stem east most tree in grouping (was 4 stem, but 1 stem already fell) = \$600 2) Prune including removing deadwood 2 inch and greater in 2nd tree (4 stem tree) = \$300 3) Remove 2 stem tree that has 1 large dead and 1 small live stem = \$600 4) Remove 4-5 dead stem tree that has 3 declining and 1-2 small live stems = \$1000	\$2,500.00

2	Boxelder	Closer to dog park -- 1/2 dead approx 14 inch trees -- Remove to ground level and remove all debris	\$900.00
1	Mulberry	East side of above boxelder tree(s) -- Remove storm damage and Crown raise as recommended	\$50.00
3	Boxelder	1 large 1/2 dead tree and 2 approx 8 inch declining trees across from dog maintenance gate -- Remove to ground level and remove all debris	\$1,200.00
2	Misc trees	Large declining Boxelder and Siberian elm closest to trail across from dog park maintenance gate -- Remove to ground level and remove all debris	\$1,600.00
1	Cottonwood	West of above trees over trail -- Remove deadwood 1-2 inch and greater toward trail	\$275.00
1	Maple (Silver)	4 stem tree closest to trail on east side of boat ramp -- Remove deadwood 1-2 inch and greater toward trail	\$225.00
1	Boxelder	*** Parks *** West of ramp - Dead/declining on riverbank behind Toni Anderson bench on west side of ramp -- Remove to ground level and remove all debris = \$500	\$500.00
1	Mulberry	*** Parks IN-HOUSE *** West of ramp - Approx 6 inch declining tree behind Toni Anderson bench on west side of ramp -- Remove to ground level and remove all debris * PARKS PERFORMING *	\$0.00
3	Boxelder	Approx 16 inch tree and 2, 8 inch trees behind Toni Anderson bench on west side of ramp -- Remove to ground level and remove all debris	\$900.00
2	Maple (Silver)	-- Rush Creek -- - NW silver maple covered in vines -- Cut vines with power pruner - Remove dead 2 stem mulberry covered in vines on east side of silver maple	\$250.00
3	Boxelder	-- Rush Creek -- NW Center area -- 3 dead trees along creek under silver maple -- Remove to ground level and remove all debris	\$450.00
1	Maple (Silver)	-- Rush Creek -- North 10 inch tree along creek covered in vines (squaty tree under larger tree) -- Remove to ground level and remove all debris	\$350.00
1	Boxelder	-- Rush Creek -- NE closer to nature sanctuary - 24 inch decayed tree covered in vines -- Remove to ground level and remove all debris	\$750.00
1	Job Location	-- ENGLISH LANDING PARK --	\$0.00
1	Maple (Silver)	5131 by McKeon Stage -- Remove deadwood 2 inch and greater - Crown raise canopy 10+ ft away from bald cypress	\$500.00
1	Cottonwood	5132 by McKeon Stage -- Remove deadwood 2 inch and greater	\$600.00
1	Cottonwood	5133 by McKeon Stage -- Remove deadwood 2-3 inch and greater	\$800.00
1	Boxelder	5158 — East side of Allow Creek — Crown raise and Remove deadwood 2 inch and greater	\$75.00

1	Maple (Silver)	*** PARKS IN-HOUSE *** 5167 - Severely declining east side closest to Allow Creek — Remove to ground level and remove all debris * PARKS PERFORMING *	\$0.00
1	Mulberry	5219 declining tree by dumpster cul-de-sac -- Remove to ground level and remove all debris	\$400.00
1	Cottonwood	5228 near dumpster and water fountain -- Remove deadwood 2 inch and greater	\$600.00
1	Maple (Silver)	*** PARKS BUDGET *** 5231 near dumpster and water fountain - Crown raise as recommended - Remove deadwood 2 inch and greater = \$300	\$300.00
1	Elm (American)	5261 Dead tree closest to volleyball court -- Remove to ground level and remove all debris	\$1,600.00
1	Boxelder	5262 declining tree under above American elm tree -- Remove to ground level and remove all debris	\$400.00
1	Cottonwood	5281 by port-o-potty -- Remove deadwood 2 inch and greater - Remove/subordinate large rubbing limbs	\$1,000.00
1	Maple (Silver)	5285 on west side of playground -- Remove deadwood 2 inch and greater (Ok to stub back to live growth if needed)	\$400.00
1	Cottonwood	Old tag # 329 -- XL tree on SW side of playground -- Remove XL west dead section at approx 70 ft - Remove additional large deadwood throughout tree as time permits	\$800.00
4	Cottonwood	5309, 5311, 5312, 5315 by River Shelter -- Remove deadwood 2 inch and greater	\$1,000.00
1	Cottonwood	5335 by Grigsby-Muehlbach bench -- Remove to ground level and remove all debris -- (Option: Only remove large deadwood = \$150)	\$1,200.00
1	Cottonwood	5357 by Maxwell Bench -- Remove deadwood 3 inch and greater	\$250.00
1	Cottonwood	5361 by Maxwell Bench -- Remove deadwood 3 inch and greater	\$75.00
1	Cottonwood	5365 by Maxwell Bench (38" Diameter above where co-dominant stem previously tore out, 46" at actual DBH height) -- Remove to ground level and remove all debris	\$3,500.00
1	Cottonwood	5367 by Maxwell Bench -- Remove deadwood 3 inch and greater	\$150.00
1	Cottonwood	*** PARKS BUDGET *** 5398 on north trail - Tee Box # 3 -- Remove hangers and deadwood 2-3 inch and greater	\$350.00
1	Cottonwood	5410 on north trail - Tee Box # 3 -- Remove deadwood 2-3 inch and greater	\$500.00
1	Cottonwood	5419 on north trail - Tee Box # 3 -- Remove deadwood 2-3 inch and greater	\$200.00
1	Cottonwood	5420 on north trail - Tee Box # 3 -- Remove deadwood 2-3 inch and greater	\$700.00
1	Cottonwood	5452 by Fox bench -- Remove large lowest deadwood	\$0.00
1	Cottonwood	5468 by Beauchamp Bench -- Remove deadwood 3 inch and greater	\$350.00
1	Cottonwood	5472 by Beauchamp Bench -- Remove deadwood 3 inch and greater (High and low)	\$250.00
1	Cottonwood	5478 by Fox Bench -- Remove deadwood 3 inch and greater	\$450.00

1	Maple (Silver)	5487 east of Emery's and Adams bench -- Remove to ground level and remove all debris	\$600.00
1	Cottonwood	5489 by Fox bench -- Remove large dead limb from ground	\$25.00
1	Cottonwood	5497 by Buis bench -- Remove large deadwood over trail	\$100.00
1	Cottonwood	5519 by Zemke bench -- Remove deadwood 3 inch and greater	\$400.00
1	Cottonwood	5528 by Zemke bench -- Remove deadwood 3 inch and greater	\$150.00
1	Mulberry	*** Parks Budget *** -- XXL Tree mid-north trail -- Crown raise to approx 8-10 ft - Remove deadwood 3 inch and greater - Major weight reduction = \$600	\$600.00
1	Mulberry	5568 east of Bender bench -- Crown raise to 8+ ft as recommended - Remove deadwood 2 inch and greater	\$100.00
1	Mulberry	Old Tag 665 east of Bender bench -- Remove to ground level and remove all debris	\$900.00
1	Cottonwood	5587 by Morgenthaker Bench - 377 Turn Area -- Remove deadwood 2-3 inch and greater over trail	\$500.00
1	Cottonwood	5591 by Morgenthaker Bench - 377 Turn Area -- Remove deadwood 2-3 inch and greater over trail	\$700.00
1	Elm (Siberian)	5676 Near 1 Mile Marker (200 yards from east end) - Dead - Remove to ground level and remove all debris	\$300.00
1	Elm (Siberian)	5677 4 Stem tree near 1 Mile Marker (200 yards from east end) - ** EVERGY line clearance ** - Remove all 3 stems to ground level and remove all debris	\$700.00
1	Cottonwood	*** Parks Budget *** -- Tree between office and maintenance building -- Weight reduction and crown raise large south limb over building - Crown raise lower canopy to approx 15 ft and crown raise 10 ft from birch tree - Remove upper dead 3 inch limb toward office and misc deadwood in north center area - Remove few 2-3 very high west dead limbs - Reduce approx 6 inch center sucker/shoot growth	\$500.00
1	Job Location	Job Location: Parkville Train Depot	\$0.00
1	Birch (River)	Dead/severely declining tree -- Remove to ground level and remove all debris	\$800.00

Subtotal: \$36,075.00

Tax: \$0.00

Total: \$36,075.00



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January 2024 Work Report
Parkville Parks and Recreation

Tom Barnard

January Parks Activity Report:

The following Parks-related activities took place during January 2024:

- Winterized ELP bathroom for extreme arctic temperatures forecasted.
- Winter snow events, snow/ice removal with the streets department
- Removed Christmas trees from Pocket Park and planter boxes.
- Replaced fencing at large dog park entrance.
- Closed Dog Park, slippery, muddy, icy conditions.
- Opened Small Dog Park, conditions improving.
- Repaired and painted barricades - ongoing
- Changed out air fresheners in restrooms
- Flushing sensors reinstalled at ELP restroom, batteries replaced.
- Opened up ELP Restroom with warmer temperatures.
- Park Rodeo in St. Joseph, staff took part in 3 events, tied for 3rd!
- Tree pruning
- Fire extinguishers replaced for all parks vehicles
- First aid kits purchased for all parks vehicles
- Trucks cleaned out, spreaders greased and maintenance checks performed.
- Restrooms cleaned & stocked, ongoing daily maintenance
- Dog stations stocked regularly.

2024 Events and Volunteer workdays

Events:

- Week of February 14th, self-guided Valentine's Day scavenger hunt at PNS.
- Earth Day, April 22nd, 1:00 PM – 3:30 PM, install native understory plants at Sullivan Nature Sanctuary, install watering bags on newly installed trees from 2023 at Sullivan Nature Sanctuary.
- May Day celebration, May 1st meet at picnic tables and go on a gathering hike to make May Day baskets to take home. Donations welcomed, at PNS.
- Arbor Day (actual day is April 26th), May 4th, Bradford Pear Buyback program hosted by Deep Roots at Platte Landing Park. 10:00 AM – 1:00 PM or until inventory runs out.
- Frolic in the Forest, June 6th 9:30 AM – 11:00 AM, geared towards 4-6 year olds. Guided hike to collect acorns, leaves, and grasses followed by an art project (optional). Hands on nature learning through play. \$5 fee per child. Refundable if cancel within 14 days notice, non-refundable 13 days or less notice. Parents/guardians stay.
- PNS After Dark, June 8th, 7:30 PM – 9:30 PM. Geared toward adults but participants with kids won't be turned away. Meet at picnic tables and take an evening hike, end at Scout Shelter with a fire, at PNS. \$5 fee per registrant.
- PNS After Dark, Sept. 21st, 6:30 PM – 8:30 PM. Geared toward adults but participants with kids won't be turned away. Meet at picnic tables and take an evening hike, end at Scout Shelter with a fire, at PNS. \$5 fee per registrant.
- Pumpkin Carving, October 24th, 6:00 PM – 8:00 PM All ages welcome! Come turn pumpkins into jack-o-lanterns that will be used to create a magical jack-o-lantern trail on the night of Ghost Stories (Oct. 26th). After Ghost Stories you may take your jack-o-lantern home! At McKeon Stage in English Landing Park.
- Ghost Stories, October 26th 5:30 PM – 9:00 PM
- Winter Wonderland, December 14th – 16th. Self-guided luminary hike with holiday décor along the trails that lead to the Scout Shelter. Come to PNS with your family around 4:30 to take a whimsical hike with the trails gently aglow. At PNS.

Volunteer Workdays, workshops, and meetings:

- March 15th 3:30 PM – 5:00 PM, Learn how to identify and remove invasive Garlic Mustard, Bush Honeysuckle, and Privet. We will cover what invasive species are, why we care to remove them, and best practices to post removal. We will also learn the best practices for invasive species removal. We will distribute informational literature via email or paper for those who prefer paper. We will meet at the picnic tables and hike to the Scout Shelter to learn by a fire. The last first half of class is for the “classroom learning” the second half will be for field work. Must be 16 and up to participate. Held at PNS.
- March 22nd, 11:00 AM – 1:00 PM, Garlic Mustard removal work day led by Wayne Frazier. Learn how to identify and dispose of invasive Garlic Mustard. Must be 8 and up to participate. Held at PNS
- March 22nd, 3:30 PM – 5:00 PM, Learn how to clean-up a native plant pollinator garden for spring. We will identify all the nuisance plants and any native species that are coming up. We will learn why we leave the leaves, and leave plant stems up all winter. We will then pull all the weeds, re-mulch the path, and dig up the non-native shrubs. We will replace these later in the spring. Must be 12 and up to participate, light refreshments provided.
- March 29th, 11:00 AM – 1:00 PM, Garlic Mustard removal work day led by Wayne Frazier. Learn how to identify and dispose of invasive Garlic Mustard. Must be 8 and up to participate, parents must stay. Held at PNS
- March 29th, 3:30 PM – 5:00 PM, Quick refresh of invasive Bush honeysuckle and Privet followed by 1 hour of field work removing invasive species. Must be 16 and up to participate. Light refreshments provided. Held at PNS
- May 23rd, 11:00 AM – 1:00 PM, Garlic Mustard removal work day led by Wayne Frazier. Learn how to identify and dispose of invasive Garlic Mustard. Must be 8 and up to participate. Held at PNS
- May 23rd, 3:30 PM – 5:00 PM, Pollinator garden work day. We will identify and list all plants present, re-mulch path, pull all the weeds encroaching into garden, and install native shrubs to replace the non-native ones removed in March. Must be 12 and up to participate. Light refreshments provided. Held at PNS.
- May 31st, 11:00 AM – 1:00 PM, final Garlic Mustard removal work day of the year led by Wayne Frazier. Learn how to identify and dispose of invasive Garlic Mustard. Must be 8 and up to participate. Held at PNS
- June 2nd, 9:30 AM – 12:00 PM, Stream Team Water Quality Monitoring. We will measure the rate of flow of our stream, the turbidity of the water, sample the water to count the macroinvertebrates present, and learn how to collect data. Must be 10 and up to participate. Held at PNS.
- July 12th and 19th, July is Parks and Rec. Month! Join PNS staff for two special Science Fridays in PNS for Stream Team Volunteer Water Quality Monitoring. We will be getting into the stream. Suitable for all ages. Learn all about Stream Team, what macroinvertebrates are, collect samples of macroinvertebrates, how to collect data for official science usage, and how to test the rate of flow and describe stream habitat.
- August 17th 9:00 AM – 11:00 AM First Ghost Stories volunteer meeting! Refreshments and social from 9:00 AM – 9:45 AM. Meet as a group, assign leadership roles and split into groups. Discuss needs and assign volunteers who want to fill those needs in each group. Last 15 minutes come

back as a group and share ideas/ records roles. Held at Parkville City Hall (8880 Clark Ave. Parkville, MO 64152).

- August 29th, 8:00 AM – 10:00AM, Pollinator garden work day, identify and list all plants present. Collect any seed that is ready and document what will be ready for collection soon. Thin Milkweed if needed. Pull all encroaching nuisance plants and identify them. Light refreshments provided. Held at PNS.
- September 13th, 5:30 PM – 7:30 PM Ghost Stories planning meeting. Meet on site at PNS and walk trails as a group. Split into small groups and head to locations to discuss in detail what expectations the night of will be. Meet at Scout Shelter at 7:00 PM for a fire and refreshments while we record all ideas and plans. Held at PNS.
- September 19th, 5:00 PM – 7:30 PM, Ghost Stories planning meeting. Each leader of each small group share all new updates with entire group. Meeting at Scout shelter by a fire for entirety of event. Assign tasks not yet complete. Light refreshments provided. Held at PNS.
- September 27th, 3:00 PM – 7:00 PM Haunted Trail work day. Build the necessary sets and décor needed for haunted trail. Depending on weather held at either PNS or Parkville City Hall.
- October 10th, 3:00 PM – 7:00 PM Lil Goblins Hour work day. Build and prepare all games and activities for Lil goblins Hour. Depending on weather held at either PNS of Parkville City Hall.
- October 19th, 11:00 AM – 3:00 PM Ghost Stories meeting and work day. Volunteer potluck. Organize and get all things prepared for day of event. Go over any last minute details and décor needs. Trim all branches from trails and check trails for any hazards. Set-up lights at the Scout Shelter.
- October 23rd, set-up Scout shelter and s'mores station seating. Arrange straw bales and wood plants into benches. 10:00 AM – 12:00 PM at PNS. Coffee provided.
- October 24th all day long set-up and prepare for Pumpkin Carving. Begin cutting and gutting pumpkins at 1:30 PM. Event begins at 6:00 PM. Lunch and Dinner provided. At English Landing Park.
- October 25th all day long set-up from 7:00 AM – 7:00 PM for Ghost Stories. All of PNS will be closed so we can work freely. Volunteer leads to arrive not later than 9:00 AM. 7:00 PM – 9:00 PM social time by the s'mores pit fire. Bring your own beverage of choice.
- October 26th, 9:30 AM – 4:00 PM set-up. 4:00PM – 5:00PM we eat potluck style. Volunteers bring your favorite sharable dish or drink for us to have an hour of calm before the event begins. 5:30 PM – 9:30 PM Ghost Stories!!
- October 27th, 12:00 PM- 1:00 PM meet Scout troop on site for clean-up.
- December 14th, 10:00 AM – 1:00 PM set-up luminaries for Winter Wonderland self-guided luminary walk.



January 2024 Work Report
Parkville Nature Sanctuary

Kristen Bontrager

Programming: Events and Volunteer workshop/ workday schedule posted on PNS kiosk. (See attached copy).

Trail Maintenance: Minor trail maintenance needed in December. Ongoing duties such as trash still done weekly.

FOPNS: Planning for first meeting with new president in January.

Professional Development: Attended the Natural Areas virtual conference: "Brainstorming Best Practices for Communicating About Invasive Species".

Attended Heartland Forestry Council Workshop, Species Selection and Climate Adaptation. 2024 updated Tree List issued.

Grants: Contributed to Little Theatre of Weston and Three Tree Forest Adventure on their Platte County Parks Outreach Grant application. Application to fund storage shed and materials for Ghost Stories. (See attached).

Will be applying for the MDC Community Forestry grant again in 2024.

Will be applying for MDC Community Conservation grant in 2024 to bring the sheep back for maintenance grazing. See attached map of PNS 2023 grazed areas.

Volunteers:

Released a new monthly Volunteer/ Partner Spotlight on our social media accounts. January's volunteer spotlight featured Martha Wright, PNS first volunteer ambassador and founder of Three Tree Forest Adventures.

Beginning March 1st volunteers will be able to sign up for work days using CivicRec software.

Current Volunteer Hours PNS only:

Month	Hours this month	Total hours
January	12	12



PARKS CIP UPDATE

February 21, 2024

1. PLP Wetlands – The city serves as a local project sponsor with the project led and contracted out by the US Army Corps of Engineers (Corps). [Funding via Section 1135](#) for construction of a Wetland Project in Platte Landing Park, includes:

New Updates

- Staff continued discussions with Missouri Department of Conservation to determine next steps. Staff had a site visit with MDC in early November.
- In January staff met with the Army Corps of Engineers to begin discussions about how we can move forward with repairs for the Wetlands.
- Staff received the new appraisal for Platte Landing Park.
- *Site visited with USACE at the end of April. This was the first step in discussing plans for the Wetland Reset/Liner Installation.*
- Conversations have continued with USACE to determine local soil that is available from developers that may be used for the clay liner. USACE has been conducting soil testing on development sites
- On July 5, 2023 USACE soil engineers began sampling areas near the Wetlands and areas in Platte Landing Park to test for compatible clay to be used for the liner.
- The USACE will provide the City with an update on their findings and a recommended plan to move forward later this summer.
- On August 1, 2023 Leigh Mitchell, USACE Project Manager, attended a joint Work Session with the BOA and CLARB to present their recommended approach to the restoration of the Wetlands project.
 - The last few months have included funding acquisition, geotechnical assessment, and project scoping.
 - Within the next 1-2 weeks the area will be mowed to allow construction and staging, including delivery of materials.
 - Over the next 2-4 months the USACE plan to complete the necessary earthwork.
 - The City and the USACE will continue discussions regarding the vegetation management and potential water sources. That work is anticipated to be done in Spring 2024.
- Staff mowed roughly 80 acres at PLP to prepare for the earthwork.
- The USACE began construction and have been moving dirt since the end of August. No other significant updates to report.
- The USACE experience delays getting the bentonite but progress continues. Parks Staff and USACE have a site visit scheduled to review progress the week of October 23rd.
- The USACE attended the November 21st meeting to present options for a water well and energy source. This presentation will be shared at the November 29th CLARB meeting.

- The USACE vegetation experts from Texas met on site on February 6th. The vegetation experts conducted a site evaluation and met with staff to discuss the original vegetation and current maintenance.
- Wells should be getting drilled mid-February, dependent on-site conditions
- Majority of the clay liner has been placed and compacted – only a small area requires additional clay (the area below the maintenance path and the transfer basin)
- Bentonite has been acquired and will be installed once the site conditions are dry, likely in summer 2024
- The Windmill has been acquired by the USACE. The windmill will be the energy source to power one of the wells and is scheduled to be installed summer 2024.
- *STATUS – IN PROGRESS.*

Project History

- Construction of wetland areas and restoration of a riparian corridor,
- Contractor: BKM Construction
 - Subcontractors: Linaweaver and Natural States Landscaping.
- February 2020: Project mobilized.
- October 2020: Corps accepted project according to terms of agreement, “substantial completion”, continuing to inspect and address project performance.
- October 2021: Staff met with the Army Corps and Missouri Department of Conservation (MDC) to review the first year of the project. MDC reported that the wetland “has a good compliment of species for ducks....and sees it as looking pretty good for YEAR 1 of a project.”
 - From Army Corps - They (MDC) reminded us that wetlands take several years to really mature (7-10 minimum) and even have some that have been 20 year projects.
- February 2022: Erosion control matting deficiency removed from basin. Reason: incorrect design specifications, not fully biodegradable
- May 2022: Staff met with the Corps for update and next steps.
- July 19, 2022: A work session was held with the Board of Aldermen and CLARB. (Meeting notes at M:\Boards & Committees\Board of Aldermen\2022\07-19-22\Work Session). The Corp of Engineers, and Missouri Department of Conservation provided an update and status of project/wetland. It was proposed that the Wetlands may not have been in place long enough to determine its success or failure. In addition there may be sand pockets that are allowing water to filter out of the basins. Mayor Katerndahl invited resident and Environmental Engineer, David Dods to participate in a small subcommittee to help develop a restoration strategy and he accepted.

2. Wetlands Educational Areas

- This scope of this project is to add stone slab benches and informational signage in the two pedestrian cul-de-sac areas of the Wetlands. This project was first started in 2020 but was later suspended when the water retention problem began.
- January 2, 2024: Staff met on site to determine the possible locations for (6) stone slab benches and (3) informational signs in each of the cul-de-sacs.
- Staff is currently obtaining quotes from multiple vendors for both items.
- Staff has ordered the frames for the informational kiosks and is currently working on the artwork and text for the signage.

- Staff has decided to put the stone bench order on hold for approximately (2) months, until the Corp of Engineers finishes up work on the site.

3. Pocket Park Improvements

- December 2020: Board of Aldermen approved the Pocket Park Master Plan, a bump-out design, and install decorative planters in conjunction with steel bollard inner core. Project now has three (3) phases:
 1. Reconstruct south stairs; and
 2. Bollard/bump-out safety improvements in front of Pocket Park; and
 3. Relocate Grigsby statue (pulled from original agreement due to engineering/design needs).
- June 2021: Preconstruction meeting with contractor.
- April 2022: Start date of project: Main Street businesses and MSPA notified;
 - Kaw Valley Engineering hired to review soil stability associated w/statue relocation report;
 - Complete and forwarded to Renaissance Infrastructure Consulting (RIC)
- May 2022: RIC finalizing design work of retaining wall for statue relocation:
 - anticipated date of bid: 5/17/2022
- May 11, 2022: Upper portion of concrete stairs poured w/access to AirBNB estimated 5/14/22
- May 20, 2022: The concrete for the Pocket Park Stairs is completed.
- June 24, 2022: The lower guardrails have been installed and painted.
- June 2022: Staff received a quote from American Fence to install a handrail on the upper portion of the stairs. This work is anticipated for mid-July.
- June 15, 2022: Staff contacted McConnell Construction Co. (low bidder of Phase 1) and requested updated pricing for project specifications to move statue to raised landing next to wood decking (similar to work bid last year).
- July 11, 2022: Staff received updated pricing from McConnell. They remained the low bidder.
- Anticipated start date for Phase 1 construction has been pushed back (1) week to September 19, 2022 due to McConnell's scheduling conflicts.
- Staff decided to relocate Grigsby statue to an engineered concrete slab just west of the upper deck, and as an extension of the concrete sidewalk that was poured as a part of Phase 2.
- Renaissance Infrastructure Solutions was hired to design the slab for the new statue location. Staff has received quotes on this work including the demolition of the existing granite base, from McConnell and SGI, and is still waiting for one from Terry Snelling. Low bidder was McConnell and the work was change ordered into their Phase 1 contract.
- Staff has requested pricing from Level Builders, All-Weather Decks and GS Structural for the repair of the planter wall on the south side of the existing deck. Staff is currently awaiting pricing.
- October 10, 2022: Contractor has installed all concrete work, bollards and brick pavers. Asphalt street patching is occurring this afternoon. Items remaining are core-drilling the holes in the concrete pad for the Grigsby statue mounting pins and adjusting the crosswalk markings. City Staff will set the statue and the planters.
- November 2, 2022: Contractor has removed the "No Parking" signs and returned to the City. A "No Parking" sign was painted on the face of the curb along with diagonal pavement striping in lieu of the post signs.

- November 3, 2022: Staff has installed the planters over the bollards.
- November 3, 2022: Broski Fence has installed the guardrail put to Mini-Golf.
- November 14, 2022 (est.): GS Structural has installed the decking/planter repair work.
- Staff cleaned, polished and installed Grigsby statue in the new location on the upper deck of the park.
- February 13, 2023 Grigsby statue was unveiled in its new location.
- Staff will install small landscape block retaining wall behind the kiosk and statue.
- Staff removed 4 spruce trees as approved by CLARB in the February 2023 meeting.
- Staff completed work with *By the Blade* for consultation on the retaining wall and planting designs.
- By the Blade and staff constructed the retaining walls, dry creek bed, and some boulders.
- Installation of the new decking material on the upper deck is in progress.
- Installation of the new railing is in progress.
- Landscaping planting plans are under review.
- Guardrails have been installed on the upper deck.
- The Grigsby kiosk has been installed.
- The existing yellow lap siding and trim has been painted a muted gray green as selected by staff and the CLARB landscape representatives.
- Plantings and mulch have been installed in the upper landscape area.
- Adirondack chairs have been installed on the upper deck. (2) child-size Adirondack chairs are on order.
- Decorative string lighting has been installed on the upper deck.
- A new plywood backing is being painted and installed in the information kiosk niche by Frank's outdoor seating area.
- Touch-up painting will be completed as soon as weather permits.
- Two small child-sized chairs have been ordered to supplement the seating on the upper deck.

STATUS – IN PROGRESS

4. Riverfront Park Entry Signage

- 2020 Budget: Entry signage for the both riverfront parks funded.
- Vireo hired to design concepts for approval.
- Long-range budget includes funding for installation of signs.
- Committee (reps from: BoA, CLARB and staff meet RE: vision for signage).
- Concepts presented to CLARB and BoA.
- BoA approve professional services agreement Vireo to develop preliminary and final drawings and specifications for new signs.
- February 2022: Preliminary design layouts presented to CLARB and BoA.
- Designs approved w/1 change: add the word "Park" to primary & secondary monument signs.
- Design team preparing construction documents
- 3rd Quarter 2022 (est.): Preliminary bid date for signs.
- 4th Quarter 2022 (est.): Primary/Secondary monument signs constructed and installed
- Spring 2023: remainder of signage (kiosks and wayfinding) constructed and installed.
- Missouri One Call has performed utility locates along south side of McAfee Street and forwarded to consultant. (will help pin-point locations for primary & secondary monuments).

- May 12, 2022: 95% complete construction documents submitted to staff.
- June 2022: Staff is compiling the bid documents for the entry signs. It is anticipated that the bid package will be released in mid-June.
- June 13, 2022: Project released for bid.
- July 12, 2022: Bid opening and in evaluation stage.
- August 10, 2022: Due to inflated pricing, Staff discussed whether or not to proceed with procurement of some signage or postpone the project and use the money for other parks work.
- The pricing was presented and discussed at the August 22, 2022 CLARB meeting. It was decided to wait until more is known about the future of the Farmers Market before committing Parks Tax money to this project.

STATUS – POSTPONED INDEFINITELY.

5. Busch Drive Roundabout Improvements – from City’s Capital Improvement Program.

- Improve traffic circle at end of Busch Drive in English Landing Park. Improvements include:
- New retaining wall, landscape, hardscape and a fountain feature.
- 2021: Retaining wall w/utility conduit, earth-fill, masonry work and concrete curb completed.
- February 2022: Masonry applied to retaining wall; electrical and water lines installed.
- Embassy Landscape contracted to install landscape and hardscape features.
- Good Earth Water Gardens contracted to install water feature.
- Some elements completed by City staff – added fill dirt, installed drain tile, added rock and fabric.
- May 9, 2022: Installation of water feature begins.
- May 20, 2022: The water feature has been installed.
- May 25, 2022: Streets department installed asphalt patching along the base of the circle drive.
- June 7, 2022: Landscaping has been installed.

STATUS – COMPLETE.

6. Watkins Park Improvements

- November 2020, BoA approve Watkins Park Master Plan.
- March 2021, BoA approve revised Watkins Park Master Plan.
- Outreach Grant from Platte County to assist with improvements approved.
- May 2022: majority of work complete. (i.e., shelter building, parking lot, park entrance wooden fencing. Note: approx. 64 feet of fencing not installed due to utility locates. (This additional fencing to be installed at entrance to Sullivan Nature Sanctuary.)
- May 20, 2022: Playground equipment was installed.
- A portion of the existing walking trail will be removed as a part of the stream bank stabilization project (see project info below). Staff has requested pricing from (3) contractors for the replacement of part of the existing trail. We are currently awaiting pricing from Gann Asphalt.
- This walking trail replacement project was awarded to Gann Asphalt.
- Approximately 80 feet of asphalt trail was installed on May 1, 2023.
- Grass seeding has been installed.

STATUS – COMPLETE.

7. PLP Improvements

- June 2021 - Parkville receives a \$1 million Park Partnership Grant from Platte County.
- The Board of Aldermen approved a professional services agreement with McClure Engineering for the design and public engagement portions of the project.
- The traffic data for the existing conditions was collected by GBA for the street network in the park. There was an initial round of public meetings in Fall 2021.
- Based on the information gathered, the City released a public engagement survey in late 2021. The survey results, along with the traffic data, will be presented to CLARB and Board of Aldermen during a work session in February 2022.
- There will be a separate public meeting to review the same information following the work session.
- March 1st Board of Aldermen meeting, the Board directed Staff to hold-off on any further work until a Parks Director has been hired. Estimated date of hire June/July 2022.
- No project updates.

STATUS – ON HOLD.

8. Park Outreach Grant Application – Additional Trail Lighting

- January 2022 – CLARB directs staff to prepare a Platte County Outreach Grant application for additional lighting along the riverfront trail in English Landing Park.
- Tuesday, February 22 – Staff presents application to the Outreach Grant Committee
- March 30, 2022 – Grant awarded.
- April 6, 2022 – Agreement signed and submitted by Staff
- Low bidder was 4 Star Electric. Their bid was approved by the Finance Committee and is scheduled to be presented for approval at the Board of Aldermen meeting on August 30, 2022.
- Late September 2022 – anticipated start date
- Staff cleaned up the additional lights and prepared for installation.
- Lights were installed by 4 Start Electric.

STATUS – COMPLETE

9. Farmers Market – There are concerns about the existing Farmers Market structure.

- BBN Architects and Leigh & O’Kane hired to evaluate the existing structural stability of the Farmers Market building.
 - Alternate repair/replacement options with corresponding cost estimates provided.
 - Staff received estimates for both enclosed & open concept metal buildings: Lester Buildings.
- April 13, 2022 – Design concepts presented at CLARB meeting
 - City will pursue additional quotes from other prefabricated building manufacturers, using the Lester Building proposal as a basis of design.
- April 28, 2022 a truck ran into the South side of the Eastern-most bay of the existing structure, causing extensive damage to that bay.
 - PPD solved incident. Company responsible turned incident into their insurance.
 - The debris was removed the following day.
 - A structural assessment was made by Leigh & O’Kane and it was determined that the remaining structure was stable enough to remain in operation for this season.

- May 20, 2022: Staff worked with a contractor to remove the eastern two bays. This work was completed.
- June 13, 2022: 18-Wheeler truck ran into the North side of the structure.
 - PPD solved incident. Company responsible turned incident into their insurance.
 - A structural assessment was made by Leigh & O’Kane and it was determined a little over 70% of the existing structure shows signs of damage due to the vehicular impact and should be carefully removed. There is a small portion of the structure on the west end that could remain if you wanted to keep the two exiting bays.
 - June 14, 2022: Barricades were placed around entire structure. Subsequent Farmers Markets have been located in tents in the parking lot on the other side of East Street.
- June 2022: Staff received the scope and fee from BBN to assist with compiling the plans and specifications for the bid documents.
- June 2022: Staff, with approval of BoA, seeking public engagement for new Farmers Market structure: function and appearance. In the interest of time Confluence commencing public engagement at joint session on July 13, 2022. Proposal forthcoming for public engagement proposal of this project.
- July 13, 2022: A joint work session comprised of consultants, Board of Aldermen, CLARB, Staff, and community to kick-off discussions about Farmers Market structure. A follow-up community input is tentatively set for July 26, 2022.
- July 26, 2022: Public meeting held was held at City Hall. Confluence presented examples of other Farmers Markets in the metropolitan area. This was followed by an inter-active electronic survey for the meeting attendees about what a new Farmers Market should look like and how it should be used. The survey was extended to the public via social media for the next few weeks.
- August 11, 2022: Insurance adjusters for the City and for C.R. England (trucking company that was involved in the second accident) were on site assessing the damage done by the recent accidents.
- August 11, 2022: Staff met with Confluence regarding the community outreach survey results. Some takeaways: New Farmers Market orientation and location should remain as is; the structure should be a multi-purpose, year-round venue; the City should partner with another entity (e.g. Park University, American Legion, etc). The survey results will be presented at the next CLARB meeting on August 22, 2022.
- Once the Community Outreach phase has been completed, and the insurance claim has been settled, BBN will take over as the designers for the new Farmers Market structure.
- Small Committee met with representatives of BBN and Confluence. BBN presented and subsequently modified their fee proposal to do conceptual design work for (2) different schemes: one a build-from-scratch and the other a pre-manufactured building.
- BBN’s fee proposal was presented at the September 12, 2022 meeting.
- October 28, 2022: The Small Committee Meeting was held to review BBN and Confluence’s preliminary design concepts. The Consultants will provide the group with some “Order of Magnitude” pricing associated with the agreed upon designs.
- November 9, 2022: Presentation of conceptual designs and associated order of magnitude pricing will be made at the CLARB/Board of Aldermen Joint Work Session.

- Staff has engaged Kaw Valley Engineering to provide geotechnical investigative services. Staff will be meeting on site with a member of Kaw Valley on Wednesday, December 14, 2022 to determine boring locations.
 - Staff has begun exploratory digging along one of the existing piers to determine its depth.
 - Geotechnical Report has been forwarded on to BBN and Confluence Architects.
 - Staff is currently waiting for direction from the insurance companies before proceeding with any further work.
 - Settlements have been made with both insurance companies for a total of \$455,306.21.
 - The Farmers Market structure and piers have been removed.
 - The plastic barriers have been removed.
 - Staff has made a request to Platte County to shift the awarded \$1M grant for the Platte Landing Park Ball Field project over to the new Farmers Market structure project. This request was denied by Platte County.
 - Staff will apply for a new Platte County Partnership grant when the application process opens.
 - Staff were told that the application is opening later than anticipated because they (Platte County) are making some changes to the application process.
 - Staff is working with Confluence to organize additional community input to determine next steps and the future of the market.
 - Staff participated in a joint work session with the Board of Aldermen and members of CLARB on September 5th. The following items were agreed upon:
 - The City will engage BBN to modify their cost estimate to focus on previous version B1, a timber-framed structure similar to the original, with a larger column bay.
 - The City will formally withdraw from our previously awarded Partnership Grant for the Platte Landing Park ballfields.
 - The City will start a new Partnership Grant application for the new Farmers Market structure.
 - October 16, 2023: The City submitted for a new Platte County Partnership Grant in the amount of \$1M for a new Farmers Market structure. The previously awarded grant for the Platte Landing Park Recreation Fields was returned by the City.
 - November 14, 2023: Staff will verbally present our grant application to the Platte County Partnership Grant Committee as a part of their approval process.
 - Staff and BBN will return to the Board of Aldermen with updated renderings and cost estimate.
 - The Platte County Parks Board voted to recommend the full amount of \$1,000,000 to the Farmers Market Project by a vote of 4-1. The Platte County Commissioners will now vote on the Partnership Grant applications on Monday, December 4th.
 - December 4, 2023: The Platte County Parks Board formally awarded the City of Parkville the \$1M grant request.
 - **BBN is putting together a scope of work for the upcoming community outreach effort.**
- STATUS – IN PROGRESS.*

10. Watkins Park Streambank Stabilization

- 2022 Capital Improvements Program includes funding for the stabilization of the streambank near Watkins Park.

- Erosion to the creek is threatening the infrastructure in the park.
- March 2022 – City applied for and received preliminary approval for a Stormwater Management Grant through Platte County.
 - Staff is studying the logistics of where the bank stabilization rock will be stored and how it will be moved around the site without disrupting the new construction.
- June 2022: Staff received informal notice of award for this project. Once the funding agreement has been executed, staff will start working on the bid documents.
- August 10, 2022: Staff met on site with David Dods, Environmental Engineer, to get his input on the design of the stream bank stabilization, prior to finalizing the design. David Dods is assisting Staff in a capacity of a concerned Parkville citizen. Staff agreed that we would incorporate his suggestions into the design documents.
- Staff issued design documents out to bid. Bids are due September 20, 2022.
- September 20, 2022: Bids were received. She Digs It was the low bidder.
- September/October 2022: Contract was approved by the Finance Committee and the Board of Aldermen.
- Week of October 10, 2022: Staff scheduled a Project Kick-off Meeting with She Digs It (SDI).
- October 24 – November 2, 2022: Construction duration.
- November 8: Project was accepted as complete by City.

STATUS - COMPLETE

11. Gateway Park (9 HWY and NW 62nd Street)

- October 14, 2022: Staff met with residents of the Pinecrest neighborhood to discuss their goals for the project:
 - Bench seating in the shade
 - Drinking fountain
 - Landscaping
 - Direct pedestrian access to the Hwy 9 trail
 - Possible parking with access via the yet-to-be developed site directly to the south
- Staff is in the process of evaluating fee proposals from landscape architects to develop some conceptual designs for this project.
- Staff is in the process of evaluating fee proposals from surveyors.
- McClure Engineering has been selected to design the project.
- January 5, 2023: Staff will meet with their project manager on site to kick-off the project.
- RL Buford has been selected to do the survey work. They anticipate being on site the first week of January, 2023.
- Staff submitted the Platte County Outreach Grant.
- February 21, 2023: Staff presented the project, in person, to the Platte Landing Outreach Grant committee.
- The Committee indicated that the grant award announcements would be made around the 3rd week of March, 2023.
- The City of Parkville was awarded \$34,000 for the Platte County Outreach Grant for Gateway Park.
- Staff and Gateway Park committee met on April 3rd to discuss next steps in the planning and design of the park.

- Staff is working with McClure Engineering on construction documents for the park. It is estimated that the project will go out for bidding around the middle of August.
- Staff is preparing to put the project out to bid by September 12, 2023.
- The Bid opening for the Gateway Park project occurred on October 3, 2023.
- Staff is preparing contract documents for the contractor to proceed. Work is anticipated to start later this fall.
- October 3, 2023: At Bid Opening, (2) bids were received. J. Richardson Construction was the low bidder.
- J. Richardson's contract has been approved by the Finance Committee and the Board of Aldermen. Staff is waiting for the Contractor's insurance documents.
- **2/14/24: Construction has begun and should take approximately (4) weeks to complete.**

STATUS – IN PROGRESS

12. A-Truss Bridge Sidewalk and PLP Dumpster Pad/Enclosure

- October 3, 2023: At Bid Opening, (5) bids were received. J. Richardson Construction was the low bidder.
- J. Richardson's contract has been approved by the Finance Committee and the Board of Aldermen. Staff is waiting for the Contractor's insurance documents.
- Anticipated start of construction is the week after Thanksgiving.
- Project was completed last month.

STATUS – COMPLETED

13. Update on Parks Master Plan

- Staff has begun the process of developing a Request for Proposal (RFP) to issue for the update of our Parks Master Plan.
- The RFP and timeline has been established and will be posted in Mid-July.
- Due to lack of responses, the RFP was re-posted in September.
- Once the Parks Master Plan consultant is hired, staff will integrate the Survey consultant and the Master Plan consultant to determine a plan for community engagement and presenting information at an upcoming CLARB meeting. The timeline will be posted on the City website.
- The Master Plan Pre-Proposal Conference was held on October 4, 2023. Thirteen (13) people attended the pre-proposal meeting, staff is optimistic about receiving responses.
- RFP Responses are due November 1, 2023
- Selection Committee will review proposals the week of November 6th
- The November CLARB meeting is being moved to November 15 to provide enough time to review and recommend a consultant for the Master Plan.
- The agreement to hire a Master Planning consultant firm will be on the November 27th Finance Agenda and the December 5th Board of Aldermen agenda.
- After a consultant is selected, staff and the consulting firm will put together a schedule of milestones for the Master Plan process and public input.
- November 1, 2023: (5) Master Planning proposals were received from consultants.
- November 9, 2023: The Selection Committee met to review the (5) proposals. The Committee narrowed the field down to (3) finalists. The Committee will set up a Question

and Answer ZOOM meeting early in the week of November 13, 2023 with each of the remaining consultants to help with the selection of a finalist.

- November 29, 2023: Final consultant recommendation will be presented at the CLARB Meeting.
- December 19, 2023: The Selection of SWT was approved by the Board of Aldermen.
- January 29, 2023: Steering Committee Kick-off Meeting. SWT re-introduced their team members and discussed their master planning process, starting with community engagement. Steering Committee members identified what they hoped to get out of the Master Planning Process. The committee identified the Strengths, Weaknesses, Opportunities and Threats of the Parkville Parks system. Next steps are assessing park inventory (walking the park with staff, identifying what works and what doesn't) and scheduling upcoming meetings.

STATUS – IN PROGRESS

14. Girl Scout Shelter

- Staff is in the process of procuring bids for pavers and underlayment to be installed over the existing concrete slab.
- It is anticipated that work would be complete by October 1, 2023.
- Staff has received a “Cooperative” bid from Embassy Landscaping for the paver work. Their contract will be submitted for approval at the September 11, 2023 Finance Meeting.
- The contract was approved. Work will begin after Ghost Stories.
- November 3, 2023: Construction began on new flooring and ramp. Construction duration is anticipated to last (2) weeks.
- Construction of the new flooring and ramp entrance was completed last month.
- January 4, 2024: Construction of new handrails for the ramp has begun. It is anticipated that fabrication and installation will take approximately (2) weeks.
- February 12, 2024: Fabrication and installation of the new ramp handrails has been delayed due to weather. The contractor has indicated that this work will be completed by the end of this month.

STATUS – IN PROGRESS

15. Veterans Memorial

- July 27, 2023, Staff met with members of the Veterans Memorial Committee at the Train Depot Spirit Fountain to discuss the possibility of moving the Memorial to that site.
- August 1, 2023, the Board of Aldermen unanimously approved moving the Memorial to the Spirit Fountain site.
- Staff has given SFS Architecture notice to begin design work on Phase 1 of the project, which includes flags, markers and landscaping. It is anticipated that this work will be completed by Memorial Day, 2024.
- The next Veterans Memorial Committee meeting will be on August 22, 2023.
- The Veterans Memorial project Sign was removed from Ball Field 1 and the LWCF request to convert the ballfield was withdrawn.
- Staff is awaiting updated design plans from SFS and the Veterans Memorial Committee.

- SFS is recruiting a new “team” from their organization to spearhead this project. Staff is waiting to hear from them to discuss next steps.
- October 27, 2023: Team meeting to discuss team roles, budget and conceptual design concepts.
- SFS is revising the fee proposal to reflect a reduced scope of work at the new Spirit Fountain site.
- The Veteran’s Committee agreed on a conceptual design at the November 2nd Committee Meeting. The plans were shared with SFS to begin the design phase- after a new fee is proposed.

STATUS – IN PROGRESS

16. Bridge Improvements at So. Main Street and Rush Creek

- The scope of this project is to remove the existing concrete traffic/pedestrian separation barrier, thus allowing for two-way traffic, and build a separate pedestrian foot-bridge to be located immediately to the east.
- Staff is applying for an Outreach Grant from Platte County for this work. Submission deadline is January 19, 2024. Staff is also looking into other bridge improvement grant funding sources.
- Staff has reached out to one of our On-Call structural engineers, Garver, to provide us with an assessment of the existing bridge. This assessment will include current condition, determining maximum allowable loads, and costs of the improvements.
- Staff has submitted a grant application request in the amount of \$40,000, and will present our application in-person to Platte County on February 27, 2024.

STATUS – IN PROGRESS

15. White Branch Creek Bank Stabilization Grant Application

- February 1, 2024: Staff met on site to discuss existing bank erosion and scope of remediation work. Grant application deadline is March 29, 2024.
- Staff has reached out to Platte County to discuss our proposed scope of work prior to submission of our grant application.
- Staff will be reaching out to one of our on-call Engineers for a fee proposal to design the stabilization work.

STATUS – IN PROGRESS

15. Sullivan Nature Sanctuary Lookout Platform Renovation

- Staff is getting quotes for new guardrail and decking replacement.
- It is anticipated that this work would be complete by the end of April 2024.

STATUS – IN PROGRESS

ITEM 5.D.

For 2/21/2024

Community Land and Recreation Board Meeting

**CITY OF PARKVILLE
Policy Report**

Date: February 19, 2024

Prepared By:

Reviewed By:

ISSUE:

Special Events

BACKGROUND:

BUDGET IMPACT:

ALTERNATIVES:

STAFF RECOMMENDATION:

POLICY:

SUGGESTED MOTION:

ATTACHMENTS:

1. Parkville Special Events 2024 Master List- Feb

250+	Event Name	Date	Type	Location
	Spring Break 5K10K	Friday, March 1, 2024	5K	ELP
	Parkville Microbrew Fest	Wednesday, April 24, 2024	Festival	ELP
	Women's Lawyer 5k	Saturday, May 4, 2024	5K	ELP
	Callery Pear Buyback Program	Saturday, May 4, 2024	Program	PLP
	Boy Scout Recruiting Event	Saturday, May 11, 2024	Event	ELP
	Northland Mothers Day 5K	Saturday, May 11, 2024	5K	ELP
	Midwest Walk-Run-N-Roll	Saturday, May 18, 2024	5K	ELP
	Memorial Day Carnival	Friday, May 24, 2024	Festival	Downtown Parking Lot
	Memorial Day Carnival	Saturday, May 25, 2024	Festival	Downtown Parking Lot
	Memorial Day Carnival	Sunday, May 26, 2024	Festival	Downtown Parking Lot
	Rolling on the River Bike Ride	Saturday, June 1, 2024	Bike Ride	ELP
	Bodies Race: Hometown Half Marathon	Saturday, June 15, 2024	Half	ELP
	Dani Beyer Summer Festival	Saturday, June 22, 2024	Festival	McKeon and Festival
	Parkville Days	Friday, August 23, 2024	Festival	ELP
	Parkville Days	Saturday, August 24, 2024	Festival	ELP
	Parkville Days	Sunday, August 25, 2024	Festival	ELP
	Park Hill Education Foundation 5K	Saturday, September 28, 2024	5K	ELP
	Brett's Bands 5th Annual 5K for SUDEP Awareness	Saturday, October 5, 2024	5k	ELP
	Brett's Bands 5k	Saturday, October 5, 2024	5K	ELP
	Ian Rainbow Flu Foundation 5K	Saturday, October 12, 2024	5K	ELP
	Dani Beyer Pumpkin Patch	Wednesday, October 16, 2024	Festival	McKeon and Festival
	Christmas on The River	Friday, December 6, 2024	Festival	Downtown Parking Lot