



COMMUNITY LAND AND RECREATION BOARD

Regular Meeting (#24-xxx) Agenda
CITY OF PARKVILLE, MISSOURI
Wednesday, January 10, 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 November 8, 2023, regular meeting
- B. Approve the minutes for the November 8, 2023 Executive Session

3. ACTION AGENDA

- A. Approve Resolution to Amend the Schedule of Fees

4. NON-ACTION AGENDA

- A. Bike Friendly Community Discussion
- B. The Tree List Discussion

5. STAFF UPDATES ON ACTIVITIES

- A. Parks Maintenance
- B. Nature Sanctuary
- C. Capital Improvement Project Updates
- D. 2024 Volunteer Dates

6. MISCELLANEOUS ITEMS FROM THE BOARD

7. ADJOURN

Posted Date & Time: DATE, 2024 TIME

By:



COMMUNITY LAND AND RECREATION BOARD

Regular Meeting (#22-10)

MINUTES

CITY OF PARKVILLE, MISSOURI

Wednesday, November 29, 2023 6:00 PM

City Hall Board Room

1. CALL TO ORDER

A.

The meeting was called to order at 06:02 PM on November 29, 2023.

Roll was called by Bonnie Buckmaster, Public Works Department Assistant.

Members present were:

Adam Zink

Linda Arnold

Steven Sturgess

Nate Askren

Mary Jane Kuehn

Jessica Holtz

Dana Laiben - *Via Video Conference*

Absent with prior notice were:

Michelle Flamm

Amanda Blackwood

Phil Wassmer (Liaison)

A quorum of the Board was present.

Brittanie Propes, Parks & Recreation Director; Chris Ashley, Project Manager; Tom Barnard, Park Superintendent; and Bonnie Buckmaster, Public Works Assistant, were present on behalf of the City.

2. CONSENT AGENDA

A. Approve the minutes for the October 18, 2023, regular meeting

ACTION: Steven Sturgess moved to approve the minutes for the October 18, 2023, regular meeting; Mary Jane Kuehn seconded.

RESULT: Motion Passed: 7-0.

Citizen Input

Sheryl Bierman of 5310 NW Bluffs Way, Parkville, MO., shared her excitement about the upcoming Parks Master Plan and praised City Administrator, Alexa Barton and Parks and Recreation Director, Brittanie Propes for their hard work this past year. Ms. Bierman presented a PowerPoint of pollinator gardens in the area and stormwater detention ponds, that she believed would be a great addition to the parks and recommended that the board consider these options in the Master Plan as it is being designed. Sheryl also would like to see the household survey to include two votes instead of one.

3. NON-ACTION AGENDA

A. Deep Roots Partnership with Callery Pear Buyback Program

Chris Cardwell of Deep Roots Kansas City, 37 South 25th St., KCKS, presented the program to buyback callery pear trees.

- Deep Roots of KC began in 2022 with just 2 communities, Mission, KS and Lee's Summit, MO, as an outlet of Missouri Invasive Plant Council's buyback programs - initially sponsored by Forest ReLeaf of MO. Approximately 150 trees were distributed to homeowners, one of the largest turnouts of the council's partners
- Grew in 2023 to include Topeka KS and earned underwriting from Evergy. Purchased improved nursery stock from Forrest Keeling Nursery, and a distribution of nearly 300 trees to three communities in KS & MO. Over 12 major media coverage, opportunities came through this year's programs. By far the largest impact of any Callery pear 'bounty' programs known in MO and KS in #'s, and interest. People still call us wondering if/when we will repeat.
- 2024 will see 4–5 communities served, with a dramatic increase in funding from underwriting partners, ideally expanding to Parkville, MO and Lawrence, KS! Up to 500 trees could be distributed to residents. Funding also includes signage dedicated to each community (custom banner & wayfinding yard signs), to support repeat participation and smooth execution.

What Deep Roots will provide:

- Well, trees, right? ZERO cost to the City for nursery materials, delivery to Parkville, or administration of the program.
- DRKC will build and manage EventBrite pages for each event, and provide staff to oversee registration and pick-up - throughout lead up and on event day
- Signage for the event - partners have ample input for logos to be included if desired.
- Regular inclusion in our events marketing, social media, and online campaigns. Any print or broadcast media opportunities can be supported by DRKC program staff. Proprietary city media will be shared with DRKC's audience, if desired.
- Supplemental planting guidelines for each participant (flyer).

What Partner Communities may provide:

- Staff and/or volunteer support to smoothly manage, move, set up and distribute up to 100, 3-gallon native trees, leading up to, and on the day of the event. May include watering for Parkville's event, due to date selection. Donuts and coffee may be encouraged :-)
- Individual marketing outreach, be it social, print, broadcast, etc. to Parkville's unique audience of residents, businesses and patrons/visitors
- IDEALLY - Pledge to eliminate the inclusion of Callery pear species in public planting projects, *perhaps demonstrating removal of invasive specimens in parks*, common properties, or natural areas owned by the City. Advocacy for the development community to follow suit. MoIP is currently in serious legislative efforts in Jeff City to "Cease The Sale" of these species throughout the entire state's nursery industry. Similar legislation has passed in North Carolina and Ohio already, with many states following suit. *Preparing our professional and residential communities for such a bold action is vital to the success of the initiatives.*
- Plan to launch the event mid-March.

CLARB thanked Chris.

4. ACTION AGENDA

- A. Provide a recommendation to the Board of Aldermen regarding amendments to Parkville Municipal Code, Chapter 150 – Community Land and Recreation Board, and Chapter 515 – Right-of-Way Management, to address the maintenance of street trees within public rights-of-way.

Stephen Lachky, Community Development Director, presented an amendment to the Parkville Municipal Code, Chapter 150. During a previous Board of Alderman work session, it was recommended to amend the code. Stephen presented slides to explain the code to be amended and to keep CLARB's repair and maintenance recommendations for park trees and not street trees in the right-of-way.

Discussions focused on maintaining the criteria of being a Tree City USA recipient of having a tree board. It was explained that CLARB would continue fulfilling the requirement of being a tree board. CLARB would like to have a tree list that is best for the area and to be reviewed every five years to update. There were also recommendations that the city set guidelines for the HOA's and developers to go by.

ACTION: Nathan Askren moved to recommend the Board of Aldermen consider approval of amendments to Parkville Municipal Code, Chapter 150 – Community Land and Recreation Board, and Chapter 515 – Right-of-Way Management, to address the maintenance of street trees within public rights-of-way with two considerations from CLARB, that the section on page 12 150.70 that outlines street trees species to be planted, not be stricken as proposed, and also that Section 515.670 sub item 1 under A that also details the tree species that shall be planted has a consideration added for the list that CLARB maintain. Dana Laiben seconded.

RESULT: Motion Passed: 7-0.

B. US Army Corps of Engineers Wetlands Update and Water Source Recommendation

Brittanie Propes, Parks and Recreation Director, gave an update to the wetlands and said that it was holding water and that the Corps is still wafting on bentonite. The Corps of Engineers recommended a well to be placed on the northern side of the wetland. Brittanie explained that there are two main options, which are the solar pump or a windmill. USACE is looking for direction from CLARB for recommendation to the Board of Aldermen on the well location, pump type and fencing.

Resident, David Dods - 5308 NW Bluffs Way, Parkville MO, Environmental Engineer, had suggestions about where to put the well and the type of pump that was included in his letter and presented a PowerPoint, which both were included in the CLARB packet.

Resident, Carla Dods - 5308 NW Bluffs Way, Parkville, MO, President of the Board of Directors of the Platte Land Trust, spoke on the considerations of the windmill option and said that it would not have an impact on birds; and suggested native vegetation to cover the fencing.

Sheryl Bierman of 5310 NW Bluffs Way, Parkville, MO., said that the pump would need to be within the wetlands area, either the northern or the southern area. Sheryl said that either option would need to be removed if there is flooding.

ACTION: Adam Zink moved to recommend to the Board of Aldermen that the windmill selection be used and would like them to consider the flood possibilities and the best location based on the elevation of the project area and where it should go to maintain the water levels appropriately. Jessica Holtz seconded.

RESULT: Motion Passed: 7-0.

5. STAFF UPDATES ON ACTIVITIES

Train Depot Process and Timeline

- 1/1/2024 - RFP issued and posted on the City of Parkville website
- 1/16/2024 - (1:00-3:00 p.m.) Pre-bid open house walk through of building with City staff present to answer any questions.
- 1/31/2024 - Receipt of proposals due by 5:00 p.m. CT
- February 2024 - A selection committee comprised of City staff and elected officials will evaluate proposals and (at City's option) select a short-listed group of finalists for interviews.
- February 2024 - Preferred individual/organization is notified of their selection. City staff negotiates with the preferred individual/organization and drafts a lease agreement.
- March 2024 - Staff presents a recommendation to the Board of Aldermen at their regular meeting, and the Board takes action to formally enter into a lease agreement.

Does not impact plans for the Veteran's Memorial at the Spirit Fountain

Farmers Market

- Presented our grant application to the Platte County Parks Board on November 14th. Parks Board recommended approval 4-1
- Received several letters of recommendation for the grant
- Platte County Commission Votes on the final grant award on Monday, December 4th at 9:00 a.m.

Project Updates

- Gateway Park Project - Construction will begin, weather dependent
- Veteran's Memorial - SFS reviewing rough renderings and will provide updated scope and fees.
- Girl Scout Cabin at PNS - Completed, pending final walk through
- A-Truss Bridge & Dumpster - Construction will begin, weather dependent
- Exercise Equipment at PNS - Drafting MOU. New information will be presented at an upcoming CLARB meeting

Upcoming

- Schedule of Fees - moved to next meeting
- Bike Friendly Community Discussion - Moved to next meeting
- Tree Maintenance Management Plan - Still under review
- Master Plan Steering Committee meetings will be set after the contract is award

A. Parks Maintenance Updates

B. Nature Sanctuary

Goats in the Nature Sanctuary

C. Parks Capital Improvement Updates

D. Special Events

- 12/1 Christmas on the River - Dog Park will be closed all day due to the fireworks set up
- 12/8 Parkville's Most-Spirited Holiday Home
- 12/16 Dog Paws and Santa Claus 1-3 p.m.
- 12/16 Winter Wonderland at Parkville Nature Sanctuary 3:30 -4:30 p.m.
- 12/31 Bodies Time Traveler's Race at English Landing
- 1/17 MPRA Maintenance Rodeo
- 3/1 New Software goes live for reservations

E. Bicycle Friendly Community, History and Discussion

Moved to upcoming meeting

6. MISCELLANEOUS ITEMS FROM THE BOARD

Member Dana Laiben wanted to give a shout-out to Parks Superintendent, Tom Barnard, for all his work based on the parks report of the cruise night set up, dog stations and pulling the trash dumpster out of the river.

7. EXECUTIVE SESSION

A. The Community Land and Recreation Board may enter into closed session pursuant to:

- RSMo. 610.021(12) for sealed bids and contract negotiations

ACTION: It was moved by Steven Sturgess and seconded by Linda Arnold to enter into the executive session to discuss sealed bids and contract negotiations pursuant to RSMo 610.021(12) and when finished that we adjourn this meeting from the executive session.

RESULT: Motion 6-0.

AYES: Adam Zink, Linda Arnold, Steven Sturgess, Nate Askren, Mary Jane Kuehn, Jessica Holtz

NOES: None

ABSTAIN: None

The Board entered the executive session at 8:13 p.m. The Board adjourned in open session

Clerks Note: The minutes from the executive session are on file with the City Clerk.

8. ADJOURN

The minutes for November 29, 2023, having been read and considered by the Community Land and Recreation Board, were approved on the 10th day of January 2024.

Bonnie Buckmaster, Public Works Assistant

Approval date



EXECUTIVE SESSION MINUTES
COMMUNITY LAND AND RECREATION BOARD
CITY OF PARKVILLE
November 29, 2023

1. Call to Order

Chair Adam Zink called the November 29, 2023, executive session to order at 8:13 p.m. in the Board Room to discuss sealed bids and contract negotiations pursuant to RSMo 610.021(12).

Present:

Adam Zink – Chair
Steven Sturgess – Vice Chair
Linda Arnold – Secretary
Nate Askren
Mary Jane Kuehn
Jessica Holtz

Absent:

Dana Laiben
Amanda Blackwood
Michelle Flamm

Also in attendance:

Brittanie Propes, Parks & Rec. Director
Alexa Barton, City Administrator,
Chris Ashley, Project Manager
Tom Barnard, Parks Superintendent
Bonnie Buckmaster, PW Dept. Assistant

2. Motion to Enter into Executive Session

The motion was made during the regular CLARB meeting.

3. Sealed bids and contract negotiations pursuant to RSMo 610.021 (12)

Discussion was limited to sealed bids and contract negotiations.

4. Motion to Close Executive Session

ACTION: IT WAS MOVED BY STEVEN STURGESS AND SECONDED BY LINDA ARNOLD TO CLOSE THE EXECUTIVE SESSION AT 8:45 P.M.

RESULT: MOTION PASSED 6-0.

AYES: ADAM ZINK, LINDA ARNOLD, STEVEN STURGESS, NATHAN ASKREN, MARY JAN KUEHN, JESSICA HOLTZ

NOES: NONE

ABSTAIN: NONE

5. Motion to Adjourn

The CLARB returned to the regular meeting. The regular meeting was adjourned at 8:45 p.m.

Submitted by:

Bonnie Buckmaster, PW Dept. Asst.

**CITY OF PARKVILLE
Policy Report**

Date: January 9, 2024

Prepared By:

Brittanie Propes, Parks & Recreation Director

Reviewed By:

ISSUE:

Approve Resolution to Amend the Schedule of Fees

BACKGROUND:

The City is authorized to assess and collect various fees and charges which are consolidated into a uniform Schedule of Fees that can be amended or repealed as needed by resolution. The discussion at CLARB will include an overview of the Schedule of Fees (included in your packet), the comparable fees for surrounding communities, and challenges with the current Schedule of Fees related to the Parks and Recreation reservations and special event fees.

In 2023, CLARB approved adding a \$50 fee for adding supplemental activities (such as a bounce house or inflatable slide), adding a \$35 for a self contained BBQ grill (use of the grills at the shelter houses are included in the reservation fee), and a \$20 court rental fee available for all sports courts. Other fees have not increased since before 2017.

BUDGET IMPACT:

The reservation fees have not been adjusted since 2017. Minimal increased revenue will help offset the fees associated with CivicRec, our new online reservation platform.

ALTERNATIVES:

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

STAFF RECOMMENDATION:

Staff recommends approving a resolution to amend the Schedule of Fees related to fees collected for Parks and Recreation reservations and special events.

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 Aldermen approve a Resolution amending 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 lot/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
Supplemental Activity (per activity).....	\$50
Self-contained BBQ.....	\$30
Orange Safety Vest Rental Deposit.....	\$20
Event Support (City park employees, per hour).....	\$30

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 (per hour).....

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	
Minimum upon guilty plea or finding of guilty for traffic offense associated with arrest of defendant (RSMo 577.048).....	\$100.50
Independent Living Center Fund (RSMo 178.653 and 561.035).....	\$5
Convicted or pleads guilty to intoxication-related traffic offense (RSMo 577.023) where judge in case was an attorney and defendant was represented by or waived right to attorney in writing; or drug-related offense (RSMo 195)	
Spinal Cord Injury Fund.....	\$25
(Paid to Missouri Department of Revenue)	
Optional cost for services, determined by court (RSMo 57.280-57.300).....	Varies
Synergy Services (RSMo 479.261).....	\$4
State Court Automation Surcharge (RSMo 488.012.3(5), RSMo 488.027.2.....	\$7

Police Department

Municipal Code Chapter 200

Fingerprints (per card).....	\$15
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Animal Regulations

Municipal Code Chapter 210

Dog License	
Spayed/neutered.....	\$10
Not spayed/neutered.....	\$15
Duplicate Dog Tag.....	\$1
Late penalty.....	50% of fee
Impoundment of Licensed Dogs	
First Offense.....	\$15
Second Offense.....	\$25
Third Offense.....	\$50
Subsequent Offenses.....	\$100
Redeem impounded dog (per day or fraction thereof).....	\$2

Zoning Code

Municipal Code Chapter 405

Short-Term Residential Dwelling Rental Application.....	\$300
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Municipal Code Chapter 402

Small Wireless Facilities Application.....	\$500
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Building Permit, Plan Review and Inspection Fees

Municipal Code Chapter 500

Building Permit Fees

One- and two-family dwellings.....	See 2012 International Residential Code for One- and Two-Family Dwellings, Appendix L, Permit Fees
Other residential and non-residential	See 1997 Uniform Administrative Code, Tables 3-A, 3-B, 3-C and 3-D

Plan Review

One- and two-family dwellings	
New residence construction.....	\$100
Other (minimum \$25, maximum \$100)	25% of permit
Other residential and non-residential	
New building construction.....	\$300
Tenant Finish	\$150

Minor Alteration	\$50
Other	\$25
Occupancy Inspections	
Initial inspections (includes two inspections)	\$50
Re-inspections (each).....	\$25

Right-of-Way Management

Municipal Code 515

Right-of-Way Permit.....	\$50
Temporary Traffic Control Permit.....	\$50
Engineering Inspection	
Small project occurring within 1 block or less.....	\$100
Medium size projects occurring in multiple blocks and/or over multiple weeks, but less than 10 blocks and/or less than 4 weeks.....	\$800
Large projects occurring in more than 10 blocks and/or projected to exceed 4 weeks to complete.....	Estimated*
<i>*based on actual cost of review upon submission of permit application</i>	
Right-of-Way Inspection.....	\$60 per hour

Grading Standards & Regulations

Municipal Code 520

Grading and Land Disturbance Permit	
Less than 10,000 square feet.....	\$25
10,001-50,000 square feet.....	\$40
50,001-100,000 square feet.....	\$55
More than 100,001 square feet.....	\$75

Liquor Licenses

Municipal Code Chapter 600

Microbrewer	
Up to 500 barrels.....	\$37.50
Each additional 100 barrels.....	\$7.50
Each 100 barrels below 500 (refund).....	-\$7.50
Retailer malt liquor original package	\$75
Retailer malt liquor by drink	\$75
Retailer intoxicating liquor original package.....	\$150
Sunday sales (additional).....	\$300
Resort.....	\$450
Sunday sales (additional).....	\$300
Temporary (3 months).....	\$93.75
Sunday sales (3 months, additional).....	\$75
Malt liquor/light wine by drink (only 7 days/year).....	\$37.50
Intoxicating liquor by drink on premises (only 501(c) exemptions).....	No fee
Intoxicating liquor by drink on boat/vessel.....	\$450
Wholesaler.....	\$375
Temporary Caterer Permit (per day).....	\$15
Tasting Permit.....	\$37.50
Retailer of intoxicating liquor by the drink, limited to distillers.....	\$375
Prorated Fees	
Less than 10 months until license expires.....	10% per month
More than 10 months until license expired.....	Actual fee

General Licensing

Municipal Code Chapter 605

Business license (per year)

Any license not categorized below.....	\$50
General Contractor.....	\$75
Banks.....	\$320
Building or savings and loans.....	\$120
Fireworks.....	\$300
Rock Quarry.....	\$1,000
Late Fee (not to exceed 25% of total fee).....	5% per month
More than one business at same address under same legal name (each additional, license fee covers one business).....	\$10 each

Peddlers, Solicitors and Canvassers

Municipal Code Chapter 610

Soliciting and Peddling Permit (30 consecutive days).....	\$50
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Public & Private Sewers

Municipal Code 700

Sewer Tap Fee

Single-Family Residential.....	\$1,750
Commercial (1,000 gallons or less).....	\$1,750
Over 1,000 gallons.....	\$150/100gal
Industrial (1,000 gallons or less).....	\$1,750
Over 1,000 gallons.....	\$150/100gal
Multi-family dwelling units and/or apartments(per living unit).....	\$1,750

Sewer Impact Fee

Single-Family Residential.....	\$1,650
Commercial (1,000 gallons or less).....	\$1,650
Over 1,000 gallons.....	\$150/100gal
Industrial (1,000 gallons or less).....	\$1,650
Over 1,000 gallons.....	\$150/100gal
Multi-family dwelling units and/or apartments (per living unit).....	\$1,650

General Provisions

Municipal Code Chapter 800

Credit and Debit Card

Convenience fee on debit/credit purchases (whichever is greater).....	\$3 or 2.45%
(excludes sewer and court)	of purchase

Zoning

Applications (plus real cost of real expenses resulting from reviews)	
Subdivision – Administrative Plat	\$300
Subdivision – Preliminary Plat	\$300
Subdivision – Final Plat	\$300
Zoning Map Amendment	\$500
Preliminary Development Plan	\$500
Final Development Plan.....	\$300
Conditional Use Permit.....	\$300
Site Plan – Minor	\$300
Site Plan – Major	\$300
Variance	\$300
Appeal of Administrative Decision	\$300

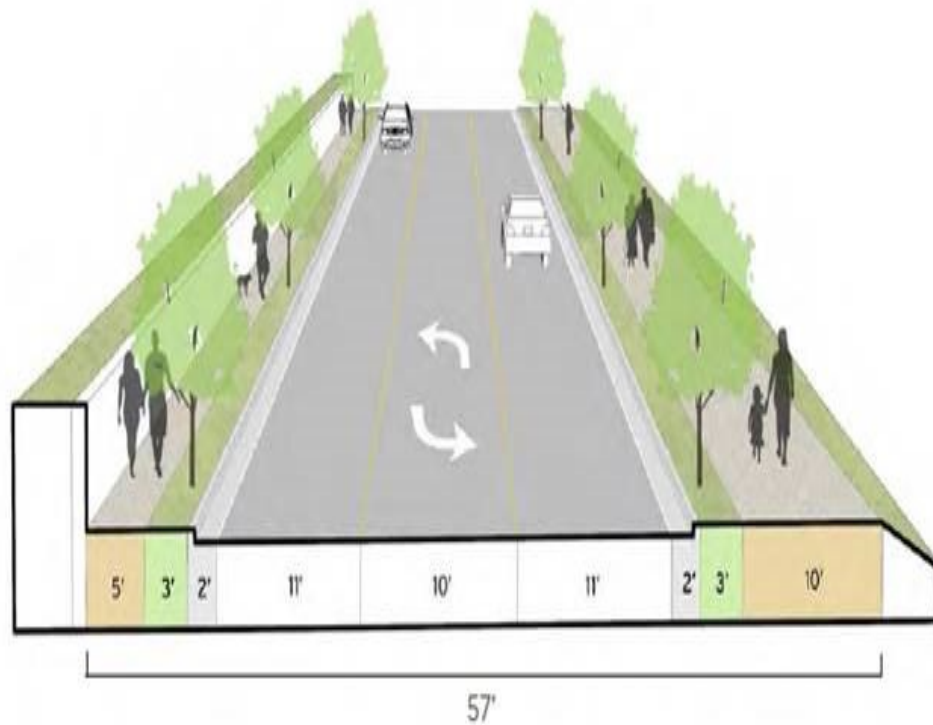
Text Amendment	\$300
Tax Increment Financing	\$500
Vacation (Street, Public Park, Alley, Etc.)	\$75
Easement Vacation.....	\$75
Minor changes.....	\$75
Signs	
Temporary.....	\$10
Permanent (attached or applied to building or similar structure).....	\$100
Refacing.....	\$25
Building and Construction	
Application	\$300
Each lot in subdivision (per lot).....	\$5
Temporary certificate of occupancy.....	\$50
Subdivisions	
Public Improvement (of total construction cost).....	4%
(25% at time of application, 25% at time of permit approval, 50% at time of final approval)	
Transition Plats Improvement Permit (approved prior to April 1, 2017)	
Residential Lots (per 1,000 square feet).....	\$26.49
Non-Residential Lots (per 1,000 square feet).....	\$19.68

GENERAL DESIGN RECOMMENDATIONS

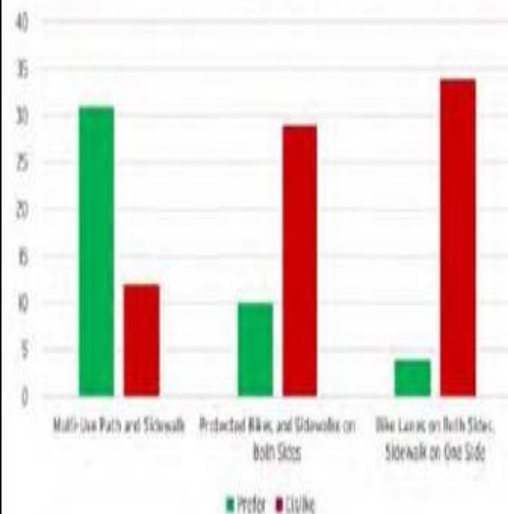
The goals of the Route 9 Corridor Study include addressing capacity and traffic flow issues. At the same time, improvements are intended to enhance aesthetics and accommodations for pedestrians and cyclists. All of these needs must be met within a constrained road right-of-way.

Based on an analysis of the various benefits and tradeoffs provided, as well as the preferences identified at the first public meeting, the project team recommends a roadway configuration that includes a sidewalk on the west side of the street and a ten foot wide multi-use path on the east. In some locations three lanes are recommended, while two lanes are proposed for locations with fewer turn movements.

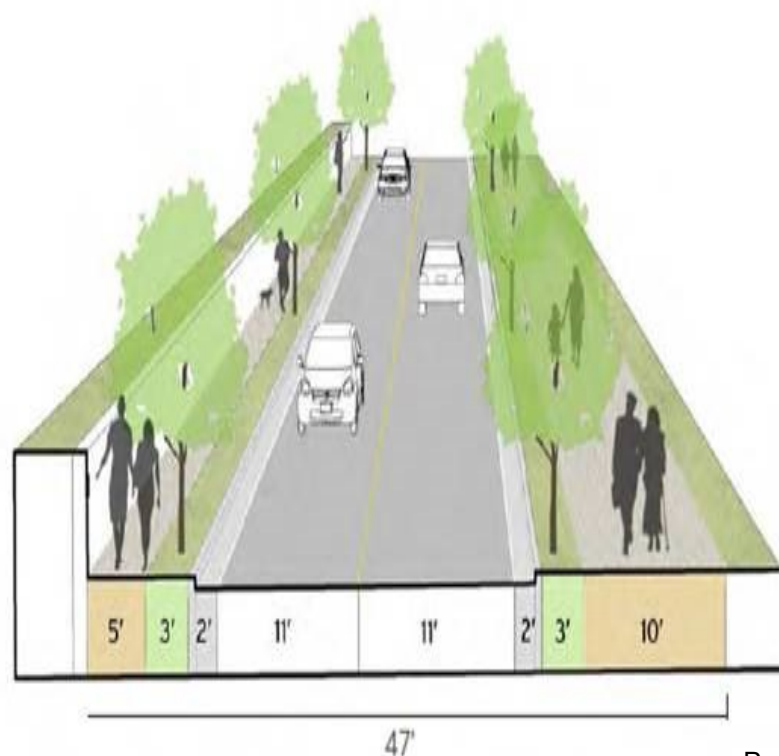
3 LANES, SHARED MULTI-USE PATH & SIDEWALK



Roadway Alternatives - Public Meeting Results



2 LANES, SHARED MULTI-USE PATH & SIDEWALK



THE 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 opinions (0-5 ratings) for 378 trees in four categories: Landscape Value; Street Tree Value; Cultural Adaptability; and Useful Lifespan. These ratings were averaged to determine the highest rated trees for each category.

Study Participants:

Alan Branhagen, Director of Horticulture, Powell Gardens; **Bob Haines**, Arborist, Shade Masters, (913) 522-1810; **Cheryl Boyer**, Assistant Professor, K-State Extension; **Chip Winslow**, FASLA, KSU Department of Landscape Architecture; **Chris Casebeer**, Green Valley Nursery, (913) 206-6598; **Dan Simmons**, Show-Me Horticulture, (816) 277-6601; **Dennis Patton**, Johnson County Extension Agent; **Ivan Katzer**, Consulting Arborist, (816) 765-4241; **Kevin Smith**, Forester, Johnson County Parks & Recreation (retired); **Mark Young**, Country Club Tree Service (816) 333-7220; **Michael Dougherty**, Tree Management Company, (913) 894-8733; **Robert Whitman**, Landscape Architect, Multistudio, (816) 701-5460; **Scott Reiter**, Linda Hall Library; **Susan Mertz**, Loma Vista Nursery, (913) 897-7010; **Tim McDonnell**, Forester, Kansas Forest Service; and **Tory Schwope**, KAT Nurseries, (913) 856-5288

LARGE TREES – FOR THE LANDSCAPE

(IN ORDER OF PREFERENCE OUT OF 218 TREES)

-
- | | |
|--|--|
| 1. <i>Quercus alba</i> White Oak | 33. <i>Carpinus betulus</i> European Hornbeam |
| 2. <i>Quercus bicolor</i> Swamp White Oak | 34. <i>Cladrastis kentukea</i> Yellowwood |
| 3. <i>Acer saccharum</i> 'Autumn Splendor' Caddo Sugar Maple | 35. <i>Ulmus parvifolia</i> 'Emerald Prairie'
Em. Prairie Lbk. Elm |
| 4. <i>Gymnocladus dioica</i> 'Expresso' Kentucky Coffeetree | 36. <i>Quercus lyrata</i> Overcup Oak |
| 5. <i>Acer x truncatum</i> 'Warrenred' Pacific Sunset Maple | 37. <i>Acer miyabei</i> Miyabe Maple |
| 6. <i>Acer saccharum</i> 'John Pair' John Pair Caddo Maple | 38. <i>Quercus prinus</i> Chestnut Oak |
| 7. <i>Ginkgo biloba</i> 'Autumn Gold' Autumn Gold Ginkgo | 39. <i>Ulmus parvifolia</i> 'Allee' Allee Lacebark Elm |
| 8. <i>Acer saccharum</i> 'Fall Fiesta' Fall Fiesta Sugar Maple | 40. <i>Carpinus caroliniana</i> American Hornbeam |
| 9. <i>Quercus macrocarpa</i> Bur Oak | 41. <i>Magnolia x acuminata</i> 'Butterflies'
Butterflies Magnolia |
| 10. <i>Quercus muehlenbergii</i> Chinkapin Oak | 42. <i>Quercus coccinea</i> Scarlet Oak |
| 11. <i>Acer miyabei</i> 'Morton' State Street Miyabe Maple | 43. <i>Ulmus amer.</i> 'New Harmony'
New Harmony Amer. Elm |
| 12. <i>Taxodium distichum</i> 'Shawnee Brave' Bald Cypress | 44. <i>Eucommia ulmoides</i> Hardy Rubber Tree |
| 13. <i>Metasequoia glyptostroboides</i> Dawn Redwood | 45. <i>Ulmus americana</i> 'Princeton'
Princeton American Elm |
| 14. <i>Taxodium distichum</i> Bald Cypress | 46. <i>Ulmus americana</i> 'Valley Forge'
Valley Forge Amer. Elm |
| 15. <i>Acer saccharum</i> 'Legacy' Legacy Sugar Maple | 47. <i>Carpinus betulus</i> 'Frans Fontaine'
Columnar Hornbeam |
| 16. <i>Nyssa sylvatica</i> Wildfire Blackgum | 48. <i>Zelkova serrata</i> 'Village Green' Village Green Zelkova |
| 17. <i>Taxodium ascendens</i> Pond Cypress | 49. <i>Maclura pomifera</i> 'White Shield'
Seedless Osage Orange |
| 18. <i>Ulmus propinqua</i> 'JFS Bieberich' Emerald Sunshine Elm | 50. <i>Aesculus x carnea</i> 'O'Neill's Red' Red Horsechestnut |
| 19. <i>Quercus shumardii</i> Shumard Oak | 51. <i>Ulmus parvifolia</i> 'Athena' Athena Lacebark Elm |
| 20. <i>Quercus rubra</i> Red Oak | 52. <i>Zelkova serrata</i> 'Green Vase' Green Vase Zelkova |
| 21. <i>Ginkgo b.</i> 'Princeton Sentry' Princeton Sentry Ginkgo | 53. <i>Acer saccharum</i> Sugar Maple |
| 22. <i>Acer x 'Keithsform'</i> Norwegian Sunset Maple | 54. <i>Tilia americana</i> 'McKSentry'
American Sentry Linden |
| 23. <i>Tilia tomentosa</i> 'Sterling' Sterling Silver Linden | 55. <i>Ulmus x 'Morton Glossy'</i> Triumph Elm |
| 24. <i>Quercus x wareii</i> 'Long' Regal Prince Columnar Oak | 56. <i>Fagus sylvatica</i> 'Atropunicea' Purpleleaf Beech |
| 25. <i>Tilia americana</i> American Linden | |
| 26. <i>Ulmus x 'Frontier'</i> Frontier Elm | |
| 27. <i>Quercus pagoda</i> Cherrybark Oak | |
| 28. <i>Quercus x 'Crimschmidt'</i> Crimson Spire Col. Oak | |
| 29. <i>Tilia tomentosa</i> Silver Linden | |
| 30. <i>Quercus stellata</i> Post Oak | |
| 31. <i>Zelkova serrata</i> 'Musashino' Columnar Zelkova | |
| 32. <i>Acer saccharum</i> 'Green Mountain'
Green Mt. Sugar Maple | |
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The Tree List: For the Kansas City Region (As Rated By Metropolitan Area Experts)
 A study by Robert Whitman, RLA, AICP, LEED AP
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LARGE TREES – FOR THE STREET

(IN ORDER OF PREFERENCE OUT OF 218 TREES)

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|--|---|
| 1. <i>Quercus bicolor</i> Swamp White Oak | 26. <i>Ulmus a. 'Valley Forge'</i> Valley Forge American Elm |
| 2. <i>Tilia tomentosa</i> 'Sterling' Sterling Silver Linden | 27. <i>Zelkova serrata</i> 'Musashino' Columnar Zelkova |
| 3. <i>Tilia americana</i> American Linden | 28. <i>Zelkova serrata</i> 'Green Vase' Green Vase Zelkova |
| 4. <i>Acer miyabei</i> 'Morton' State Street Miyabe Maple | 29. <i>Quercus x Crimschmidt'</i>
Crimson Spire Columnar Oak |
| 5. <i>Taxodium d. 'Shawnee Brave'</i> Col. Bald Cypress | 30. <i>Ulmus parvifolia</i> 'Emerald Prairie' Lacebark Elm |
| 6. <i>Ulmus prop. 'JFS Bieberich'</i> Emerald Sunshine Elm | 31. <i>Quercus texana</i> Nuttall Oak |
| 7. <i>Ulmus x 'Frontier'</i> Frontier Elm | 32. <i>Tilia americana</i> 'McKsentry' American Sentry Linden |
| 8. <i>Ginkgo biloba</i> 'Autumn Gold' Autumn Gold Ginkgo | 33. <i>Ulmus parvifolia</i> 'Allee' Allee Lacebark Elm |
| 9. <i>Acer x trunc. 'Keithsform'</i> Norwegian Sunset Maple | 34. <i>Ulmus x 'Morton Glossy'</i> Triumph Elm |
| 10. <i>Acer x truncatum</i> 'Warrenred' Pacific Sunset Maple | 35. <i>Ulmus x 'Patriot'</i> Patriot Elm |
| 11. <i>Gymnocladus dioica</i> 'Expresso' Kentucky Coffeetree | 36. <i>Taxodium ascendens</i> Pond Cypress |
| 12. <i>Quercus shumardii</i> Shumard Oak | 37. <i>Quercus macrocarpa</i> Bur Oak |
| 13. <i>Ginkgo b. 'Princeton Sentry'</i> Princeton Sentry Ginkgo | 38. <i>Quercus coccinea</i> Scarlet Oak |
| 14. <i>Quercus buckleyi</i> Texas Red Oak | 39. <i>Gleditsia triacanthos</i> 'Imperial' Imperial Honeylocust |
| 15. <i>Quercus x wareii</i> 'Long' Regal Prince Col. Oak | 40. <i>Ulmus parvifolia</i> 'Athena' Athena Lacebark Elm |
| 16. <i>Quercus lyrata</i> Overcup Oak | 41. <i>Acer saccharum</i> 'John Pair' John Pair Caddo Maple |
| 17. <i>Ulmus americana</i> 'Princeton' Princeton Amer. Elm | 42. <i>Gleditsia triacanthus</i> 'Skyline' Skyline Honeylocust |
| 18. <i>Quercus alba</i> White Oak | 43. <i>Zelkova serrata</i> 'Village Green'
Village Green Zelkova |
| 19. <i>Ulmus americana</i> 'New Harmony' New Harmony Elm | 44. <i>Acer saccharum</i> 'Fall Fiesta'
Fall Fiesta Sugar Maple |
| 20. <i>Acer saccharum</i> 'Autumn Splendor'
Caddo Sugar Maple | 45. <i>Acer saccharum</i> 'Legacy' Legacy Sugar Maple |
| 21. <i>Quercus rubra</i> Red Oak | 46. <i>Metasequoia glyptostroboides</i> Dawn Redwood |
| 22. <i>Maclura pomifera</i> 'White Shield'
Seedls. Osage Orange | 47. <i>Quercus prinus</i> Chestnut Oak |
| 23. <i>Quercus muehlenbergii</i> Chinkapin Oak | 48. <i>Taxodium distichum</i> Bald Cypress |
| 24. <i>Eucommia ulmoides</i> Hardy Rubber Tree | 49. <i>Ulmus x 'Morton'</i> Accolade Elm |
| 25. <i>Platanus x acerifolia</i> 'Morton Circle'
Exclamation Planet | 50. <i>Acer miyabei</i> Miyabe Maple |
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The Tree List: For the Kansas City Region (As Rated By Metropolitan Area Experts)
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SMALL TREES – FOR THE LANDSCAPE (IN ORDER OF PREFERENCE OUT OF 153 TREES)

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1. *Acer griseum* **Paperbark Maple**
 2. *Acer truncatum* **Shantung Maple**
 3. *Cornus kousa* **Kousa Dogwood**
 4. *Chionanthus virginicus* **White Fringetree**
 5. *Aesculus pavia* **Red Buckeye**
 6. *Hamamelis virginiana* **Witch Hazel**
 7. *Acer palmatum* 'Bloodgood' **Red-leaf Jap. Maple**
 8. *Chionanthus retusus* **Chinese Fringetree**
 9. *Cercis reniformis* 'Oklahoma' **Oklahoma Redbud**
 10. *Syringa reticulata* 'Ivory Silk' **Japanese Tree Lilac**
 11. *Acer buergerianum* **Trident Maple**
 12. *Acer triflorum* **Three-Flowered Maple**
 13. *Malus sargentii* **Sargent Crabapple**
 14. *Malus* 'Royal Raindrops' **Royal Raindrops Crab**

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15. *Cercis canadensis* **Redbud**
 16. *Cornus florida* **White Flowering Dogwood**
 17. *Magnolia virginiana* **Sweetbay Magnolia**
 18. *Amelanchier* 'Autumn Brilliance' **Apple Serviceberry**
 19. *Heptacodium miconioides* **Seven-son Flower**
 20. *Cornus controversa* 'June Snow' **June Snow Dogwood**
 21. *Parrotia persica* **Persian Parrotia**
 22. *Magnolia* x 'Jane' **Jane Magnolia**
 23. *Malus* 'Adirondack' **Adirondack Crabapple**
 24. *Malus* 'Velvet Pillar' **Columnar Crabapple**
 25. *Cornus mas* **Corneliancherry Dogwood**
 26. *Ostrya virginiana* **Ironwood/Hophornbeam**

SMALL TREES – FOR THE STREET (IN ORDER OF PREFERENCE OUT OF 153 TREES)

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1. *Acer truncatum* **Shantung Maple**
 2. *Zelkova serrata* 'Schmidtlow' **Wireless Zelkova**
 3. *Acer buergerianum* **Trident Maple**
 4. *Syringa reticulata* 'Ivory Silk' **Japanese Tree Lilac**
 5. *Malus* 'Velvet Pillar' **Columnar Crabapple**
 6. *Maackia amurensis* **Amur Maackia**
 7. *Ostrya virginiana* **Ironwood/Hophornbeam**
 8. *Koelreuteria paniculata* **Golden Raintree**
 9. *Syringa pekinensis* 'China Snow'
Chinese Tree Lilac

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10. *Acer griseum* **Paperbark Maple**
 11. *Malus* 'Adirondack' **Adirondack Crabapple**
 12. *Acer tartaricum* **Tartarian Maple**
 13. *Parrotia persica* **Persian Parrotia**
 14. *Prunus padus* 'Drietre' **Merlot Bird Cherry**
 15. *Malus* 'Royal Raindrops' **Royal Raindrops Crab**
 16. *Crataegus ambigua* **Russian Hawthorn**

The Tree List: For the Kansas City Region (As Rated By Metropolitan Area Experts)
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MOST CULTURALLY ADAPTABLE TREES FOR KANSAS CITY (OUT OF 371 TREES)

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|--|--|
| 1. <i>Ulmus americana</i> 'New Harmony'
New Harmony Elm | 23. <i>Quercus shumardii</i> Shumard Oak |
| 2. <i>Quercus macrocarpa</i> Bur Oak | 24. <i>Quercus muehlenbergii</i> Chinkapin Oak |
| 3. <i>Ulmus x 'Morton Glossy'</i> Triumph Elm | 25. <i>Celtis occidentalis</i> Hackberry |
| 4. <i>Quercus bicolor</i> Swamp White Oak | 26. <i>Ginkgo b. 'Princeton Sentry'</i>
Princeton Sentry Ginkgo |
| 5. <i>Ulmus propinqua</i> 'JFS Bieberich'
Emerald Sunshine Elm | 27. <i>Platanus x acerifolia</i> 'Bloodgood'
Bloodgood Planetree |
| 6. <i>Ulmus x 'Patriot'</i> Patriot Elm | 28. <i>Acer x freemanii</i> 'Armstrong'
Armstrong Col. Maple |
| 7. <i>Maclura pomifera</i> 'White Shield'
Fruitless Osage Orange | 29. <i>Quercus lyrata</i> Overcup Oak |
| 8. <i>Quercus x wareii</i> 'Long'
Regal Prince Columnar Oak | 30. <i>Acer miyabei</i> 'Morton'
State Street Miyabe Maple |
| 9. <i>Taxodium d. 'Shawnee Brave'</i>
Columnar Bald Cypress | 31. <i>Malus</i> Coral Burst & Adirondack Crabapple |
| 10. <i>Plataus occidentalis</i> Sycamore | 32. <i>Quercus buckleyi</i> Texas Red Oak |
| 11. <i>Gymnocladus dioica</i> 'Expresso'
Kentucky Coffeetree | 33. <i>Euonymus bungeanus</i> Winterberry Euonymus |
| 12. <i>Taxodium distichum</i> Bald Cypress | 34. <i>Taxodium ascendens</i> Pond Cypress |
| 13. <i>Ulmus x 'Morton'</i> Accolade Elm | 35. <i>Malus</i> Japanese & Professor Springer Crabapple |
| 14. <i>Acer truncatum</i> Shantung Maple | 36. <i>Quercus rubra</i> Red Oak |
| 15. <i>Quercus imbricaria</i> Shingle Oak | 37. <i>Ulmus a. 'Valley Forge'</i>
Valley Forge American Elm |
| 16. <i>Ginkgo biloba</i> 'Autumn Gold' Autumn Gold Ginkgo | 38. <i>Gleditsia triacanthos</i> Honeylocust |
| 17. <i>Tilia tomentosa</i> 'Sterling' Sterling Silver Linden | 39. <i>Acer campestre</i> Hedge Maple |
| 18. <i>Ulmus x 'Frontier'</i> Frontier Elm | 40. <i>Corylus colurna</i> Turkish Hazel |
| 19. <i>Acer x trunc.</i> 'Keithsform'
Norwegian Sunset Maple | 41. <i>Malus</i>
Donald Wyman & Mary Potter Crabapple |
| 20. <i>Acer x truncatum</i> 'Warrenred' Pacific Sunset Maple | 42. <i>Acer saccharum</i> 'A.S.'
Autumn Splendor Caddo Maple |
| 21. <i>Tilia americana</i> 'DTR 123' Princeton Amer. Linden | |
| 22. <i>Acer x freemanii</i> 'Autumn Blaze'
Autumn Blaze Maple | |
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The Tree List: For the Kansas City Region (As Rated By Metropolitan Area Experts)
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LONGEST LIVED TREES

(IN ORDER OF USEFUL LIFESPAN, OUT OF 371 TREES)

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| 1. <i>Quercus macrocarpa</i> Bur Oak | 15. <i>Quercus prinus</i> Chestnut Oak |
| 2. <i>Quercus muehlenbergii</i> Chinkapin Oak | 16. <i>Quercus imbricaria</i> Shingle Oak |
| 3. <i>Quercus alba</i> White Oak | 17. <i>Quercus shumardii</i> Shumard Oak |
| 4. <i>Quercus bicolor</i> Swamp White Oak | 18. <i>Gymnocladus dioica</i> K. Coffeetree |
| 5. <i>Quercus rubra</i> Red Oak | 19. <i>Metasequoia glyp.</i> Dawn Redwood |
| 6. <i>Quercus stellata</i> Post Oak | 20. <i>Quercus palustris</i> Pin Oak |
| 7. <i>Juglans nigra</i> Black Walnut | 21. <i>Quercus coccinea</i> Scarlet Oak |
| 8. <i>Quercus lyrata</i> Overcup Oak | 22. <i>Carya</i> Hickory & Pecan |
| 9. <i>Taxodium dist.</i> Bald Cypress | 23. <i>Quercus pagoda</i> Cherrybark Oak |
| 10. <i>Ginkgo biloba</i> Ginkgo | 24. <i>Quercus robur</i> English Oak |
| 11. <i>Ulmus americana</i> Amer. Elm cultiv. | 25. <i>Ulmus X</i> Elm Hybrids |
| 12. <i>Platanus x acer.</i> London Planetree | 26. <i>Acer</i> Pac. & Nor. Sunset Maples |
| 13. <i>Platanus occidentalis</i> Sycamore | 27. <i>Catalpa speciosa</i> Northern Catalpa |
| 14. <i>Maclura pomifera</i> Osage Orange | |
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LOWEST RATED COMMONLY USED TREES

(IN ORDER OF LEAST PREFERENCE OUT OF 371 TREES)

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| 1. <i>Pyrus calleryana</i> 'Bradford' Bradford Pear | 7. <i>Crataegus viridis</i> 'Winter King' Green Hawthorn |
| 2. <i>Acer saccharinum</i> Silver Maple | 8. <i>Robinia pseudoacacia</i> 'Purple Robe' Black Locust |
| 3. <i>Prunus cerasifera</i> 'Newport' Newport Plum | 9. <i>Liquidambar styraciflua</i> 'Rotundiloba' Sweetgum |
| 4. <i>Populus deltoides</i> Cottonwood | 10. <i>Acer rubrum</i> Red Maple |
| 5. <i>Fraxinus</i> Green & White Ash | |
| 6. <i>Acer ginnala</i> Amur Maple | |
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The Tree List: For the Kansas City Region (As Rated By Metropolitan Area Experts)
 A study by Robert Whitman, RLA, AICP, LEED AP
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THE TREE LIST

Evergreen Trees For The Kansas City Region

(As Rated By Metropolitan Area Experts)

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

The Tree List: Evergreen Trees For The Kansas City Region (As Rated By Metropolitan Area Experts) was a 2012-2013 study conducted by Robert Whitman, RLA, AICP, LEED AP, in which Kansas City region tree experts were asked to provide numerical opinions (0-5 ratings) in each category for evergreen trees they have tested/observed from a master list of 154 evergreen trees. These ratings were averaged to determine the tree ratings for each category.

Study Participants:

Alan Branhagen, Director of Horticulture, Powell Gardens; **Cameron Rees**, Skinner Garden Store, (785) 233-9657; **Cheryl Boyer**, Assistant Professor, K-State Extension; **Chip Winslow**, FASLA, KSU Department of Landscape Architecture; **Chuck Conner**, Forester, Missouri Department of Conservation; **Dennis Patton**, Johnson County Extension Agent; **Don Mann**, Loma Vista Nursery, (913) 897-7010; **Duane Hoover**, Horticulturist, Kauffman Memorial Garden; **Ivan Katzer**, Consulting Arborist, (816) 765-4241; **Jason Griffin PhD**, KSU John C. Pair Horticultural Center; **Kim Bomberger**, Community Forester, Kansas Forest Service; **Marvin Snyder**, Past President, American Conifer Society; **Mic Mills**, Rosehill Gardens, (816) 941-4777; **Michael Dougherty**, Tree Management Company, (913) 894-8733; **Rick Spurgeon**, Olathe City Arborist; **Robert Whitman**, Landscape Architect, Multistudio, (816) 701-5460; **Scott Reiter**, Linda Hall Library; **Susan Mertz**, Loma Vista Nursery, (913) 897-7010; and **Tim McDonnell**, Forester, Kansas Forest Service

PINE TREES

KEY	***	= Well Tested/Observed in Kansas City region	😊	= Super tree for this condition	😞	= Very Poor tree for this condition
	**	= Somewhat Tested/Observed in Kansas City region	😬	= Fair tree for this condition	✖	= Unknown
	*	= Not Well Tested/Observed in Kansas City region (Buyer Beware)	😞	= Poor tree for this condition		

Score	Size	Tree Name	Rating						Comments
Expert-tested for Kansas City region	Height x width (ft.)		As specimen	As buffer or massing	Culturally adaptable	Heavy soils	Drought tolerant	Lifespan	
**	15x9	<i>Pinus aristata</i> Bristlecone Pine	😞	😞	😞	😞	😬	😞	Needs excellent drainage, dislikes Kansas City humidity
*	35x20	<i>Pinus ayacahuite</i> Mexican White Pine	😬	😊	😊	😊	😊	✖	Limited experience, but shows promise
**	35x22	<i>Pinus banksiana</i> Jack Pine	😞	😞	😬	😬	😬	😞	Pine wilt when under stress
**	25x18	<i>Pinus bungeana</i> Lacebark Pine	😊	😬	😬	😞	😬	😬	Excellent performer with interesting bark
*	22x11	<i>Pinus cembra</i> Swiss Stone Pine	😬	😞	😞	😞	😞	✖	Limited local success, slow grower
**	30x20	<i>Pinus densiflora</i> Japanese Red Pine	😬	😞	😬	😬	😬	😞	Some local success, very open habit
**	14x12	<i>Pinus densiflora</i> 'Umbraculifera' Tabletop Pine	😊	😞	😬	😬	😬	😞	Some local success, interesting flattop specimen
***	30x17	<i>Pinus flexilis</i> 'Vanderwolf's' Limber Pine	😬	😬	😬	😬	😬	😬	Green-blue color, can get needle blight
*	35x20	<i>Pinus koraiensis</i> Korean Pine	😬	😬	😬	😊	😬	✖	Loose form, some local success
*	28x15	<i>Pinus leucodermis</i> Bosnian Pine	😬	😬	😬	😞	😊	✖	Some local success, black pine replacement
***	12x14	<i>Pinus mugo</i> Mugo Pine	😞	😞	😬	😬	😬	😬	Variation in size, pine wilt and scale problems
*	12x7	<i>Pinus mugo</i> 'Tannenbaum' Tannenbaum Pine	😬	😞	😬	😬	😬	✖	Attractive form, small pine alternative
***	55x30	<i>Pinus nigra</i> Austrian Pine	😞	😞	😞	😊	😊	😞	Severe diplodia tip blight, short lived
**	35x19	<i>Pinus parviflora</i> Japanese White Pine	😞	😞	😞	😬	😬	😬	Attractive pine, some local success
***	50x30	<i>Pinus ponderosa</i> Ponderosa Pine	😞	😞	😞	😞	😊	😊	Pine tip moth, fungal problems
**	40x18	<i>Pinus resinosa</i> Red Pine	😞	😞	😞	😬	😞	😞	Too hot in KC for this pine
**	40x25	<i>Pinus strobiformis</i> Southwestern White Pine	😬	😬	😬	😞	😊	😬	Performs well here and Southwest of KC
***	60x30	<i>Pinus strobus</i> Eastern White Pine	😞	😬	😬	😬	😞	😊	Drought susceptible, chlorosis, good pine
***	45x16	<i>Pinus strob.</i> 'Fastigiata' Columnar White Pine	😬	😬	😬	😬	😞	😊	Same as species but better for narrow sites
***	45x25	<i>Pinus sylvestris</i> Scotch Pine	😞	😞	😞	😊	😬	😞	Pine wilt & root nematode, European sawfly
*	50x25	<i>Pinus taeda</i> Loblolly Pine	😞	😞	😞	😊	😬	✖	Cold, ice and high pH can cause problems
**	25x15	<i>Pinus thunbergiana</i> Japanese Black Pine	😞	😞	😞	😬	😞	😞	Salt tolerant, ice damage, pine wilt
*	30x15	<i>Pinus wallichiana</i> Himalayan Pine	😞	😬	😞	😬	😞	✖	Needs more testing

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SPRUCE TREES

KEY	***	= Well Tested/Observed in Kansas City region	😊	= Super tree for this condition	😞	= Very Poor tree for this condition
	**	= Somewhat Tested/Observed in Kansas City region	😐	= Fair tree for this condition	✖	= Unknown
	*	= Not Well Tested/Observed in Kansas City region (Buyer Beware)	😞	= Poor tree for this condition		

Score	Size	Tree Name	Rating						Comments
Expert-tested for Kansas City region	Height x width (ft.)		As specimen	As buffer or massing	Culturally adaptable	Heavy soils	Drought tolerant	Lifespan	
***	60x30	<i>Picea abies</i> Norway Spruce	😊	😊	😊	😊	😊	😊	Tough and proven spruce for KC
***	27x10	<i>Picea abies</i> 'Cupressina' Upright Norway Spruce	😊	😐	😊	😊	😊	😊	Narrow and fast growing spruce
***	22x15	<i>Picea abies</i> v. pendula Weeping Norway Spruce	😊	😐	😊	😊	😊	😊	Many specimen application options
**	30x14	<i>Picea breweriana</i> Brewer's Spruce	😞	😞	😞	😞	😞	😞	Tested with many failures
*	30x16	<i>Picea engelmannii</i> Engelmann Spruce	😊	😞	😊	😊	😊	✖	Not tolerant of KC heat or humidity
**	40x20	<i>Picea glauca</i> White Spruce	😐	😞	😞	😞	😞	😞	Poor heat tolerance
***	30x18	<i>Picea glauca</i> 'Densata' Black Hills Spruce	😊	😊	😊	😊	😊	😐	Slow growing but performs well, dense form
**	18x4	<i>Picea glauca</i> 'Pendula' Weeping White Spruce	😊	😞	😊	😊	😐	😐	Great specimen, good upright leader
**	20x9	<i>Picea mariana</i> 'Columnar' Columnar Black Spruce	😊	😐	😊	😞	😞	😐	Blue-green foliage, slow growing
**	20x7	<i>Picea mariana</i> 'Wellspire' Columnar Black Spruce	😊	😐	😊	😞	😞	😐	Upright form, soft needles, green color
**	40x16	<i>Picea omorika</i> Serbian Spruce	😊	😊	😊	😐	😐	😊	Blue-green color, performs well in irrigation
**	25x10	<i>Picea omorika</i> 'Bruns' Bruns Serbian Spruce	😊	😊	😊	😐	😐	😊	More narrow than species
**	22x8	<i>Picea omorika</i> 'Pendula' Weeping Serbian Spruce	😊	😐	😊	😐	😐	😊	Very attractive weeping specimen
***	25x12	<i>Picea omorika</i> 'Riverside' Upright Serbian Spruce	😊	😊	😊	😐	😐	😊	Nice form with green color
*	25x15	<i>Picea orientalis</i> Oriental Spruce	😊	😊	😊	😊	😊	✖	Tiny needles
**	18x8	<i>Picea orientalis</i> 'Deer Run' Deer Run Spruce	😊	😐	😊	😊	😊	😊	Blue color, slow growing
*	18x9	<i>P. orientalis</i> 'Skylands' Yellow Oriental Spruce	😊	😐	😐	😐	😐	✖	Yellow needles fade to green, will scorch
***	45x20	<i>Picea pungens</i> Colorado Spruce	😊	😊	😐	😞	😐	😊	Not heat or drought tolerant, green needles
***	45x20	<i>Picea pungens</i> v. <i>glauca</i> Colorado Blue Spruce	😊	😊	😐	😞	😐	😊	Same as species, but blue color
***	40x18	<i>Picea pungens</i> 'Kosteri' Koster Blue Spruce	😊	😐	😊	😞	😐	😊	Blue color, not uniform or dense
*	15x8	<i>Picea pungens</i> 'Baby Blue Eyes' Baby Blue Eyes Spruce	😊	😊	😐	😞	😐	✖	Tidy, small mature size
**	25x14	<i>Picea pungens</i> 'Bakeri' Bakeri Spruce	😊	😊	😐	😞	😐	😊	Good blue color
***	20x9	<i>Picea pungens</i> 'Blue Totum' Col. Blue Spruce	😊	😐	😐	😞	😐	😊	Good blue color, snow/ice load is problem
**	20x10	<i>Picea pungens</i> 'Fastigiata' Col. Blue Spruce	😊	😐	😐	😞	😐	😊	Good blue color, snow/ice load is problem
***	20x15	<i>Picea pungens</i> 'Fat Albert' Fat Albert Blue Spruce	😊	😊	😐	😞	😐	😊	Excellent blue color and form
***	30x16	<i>Picea pungens</i> 'Hoopsii' Hoopsii Blue Spruce	😊	😊	😐	😞	😐	😊	Bluest spruce, more open form

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JUNIPER TREES

KEY	***	= Well Tested/Observed in Kansas City region	😊	= Super tree for this condition	😞	= Very Poor tree for this condition
	**	= Somewhat Tested/Observed in Kansas City region	😐	= Fair tree for this condition	✖	= Unknown
	*	= Not Well Tested/Observed in Kansas City region (Buyer Beware)	😞	= Poor tree for this condition		

Score	Size	Tree Name	Rating						Comments
Expert-tested for Kansas City region	Height x width (ft.)		As specimen	As buffer or massing	Culturally adaptable	Heavy soils	Drought tolerant	Lifespan	
*	20x12	<i>Juniperus chinensis</i> 'Wintergreen' Wintergreen Juniper	😞	😊	😐	😊	😊	✖	Dense rich green
**	16x9	<i>Juniperus chinensis</i> 'Blue Point' Blue Point Juniper	😐	😊	😐	😊	😊	😐	Teardrop shape, blue-green color
**	25x14	<i>Juniperus chinensis</i> 'Columnaris Glauca' Upright Blue Juniper	😞	😊	😐	😊	😊	😞	Narrow, loose habit, silver-grey color
***	16x9	<i>Juniperus chinensis</i> 'Hetzii Columnaris' Hetz Juniper	😞	😊	😊	😊	😊	😐	Green, heavy attractive cone production
**	13x5	<i>Juniperus chinensis</i> 'Iowa' Iowa Juniper	😞	😊	😊	😊	😊	😞	Green with blue tint, loose form
***	20x13	<i>Juniperus chinensis</i> 'Keteleerii' Keteleerii Juniper	😞	😊	😊	😊	😊	😊	Green with loose form, interesting unsheared
***	20x12	<i>Juniperus chinensis</i> 'Perfecta' Perfecta Juniper	😞	😊	😊	😊	😊	😊	Natural freshly sheared look
**	18x9	<i>Juniperus chinensis</i> 'Robusta Green' Upright Juniper	😞	😊	😐	😊	😊	😐	Green, tufted form, slightly irregular
***	20x9	<i>Juniperus chinensis</i> 'Spartan' Spartan Juniper	😐	😊	😊	😊	😊	😐	Green, dense and narrow
*	20x18	<i>Juniperus rigida</i> Temple Juniper	😐	😐	😊	😊	😊	✖	Green, slightly weeping branchlets
**	25x13	<i>J. scopulorum</i> 'Blue Haven' Blue Haven Juniper	😞	😞	😞	😞	😞	😞	Blue, striking color, heavy cone production
***	20x7	<i>Juniperus scopulorum</i> 'Skyrocket' Skyrocket Juniper	😞	😞	😞	😞	😊	😞	Blue, very narrow, poor performer
***	18x8	<i>Juniperus scopulorum</i> 'Welchii' Welch Juniper	😞	😞	😞	😞	😊	😞	Silvery blue-green, compact and dense
***	20x10	<i>Juniperus scopulorum</i> 'Wichita Blue' Wichita Blue Juniper	😞	😞	😞	😞	😊	😞	Brilliant bright blue, poor performer
***	40x25	<i>Juniperus virginiana</i> Eastern Red Cedar	😞	😊	😊	😊	😊	😊	Our only native and most durable evergreen
***	30x15	<i>Juniperus virginiana</i> 'Glauca' Silver Eastern Red Cedar	😞	😊	😊	😊	😊	😊	Silver hue and very durable
*	15x5	<i>Juniperus virginiana</i> 'Blue Arrow' Blue Arrow Juniper	😞	😊	😊	😊	😊	✖	More narrow than 'Glauca', not as durable
**	25x14	<i>Juniperus virginiana</i> 'Burkii' Blue Burkii Juniper	😞	😊	😊	😊	😊	😊	Steel-blue color, lacks interesting cones
***	25x15	<i>Juniperus virginiana</i> 'Canaertii' Canaert Juniper	😐	😊	😊	😊	😊	😊	Attractive lumpy form, proven durability
**	20x12	<i>Juniperus virginiana</i> 'Cupressifolia' Hillspire Juniper	😞	😊	😊	😊	😊	😊	Green, keeps winter color, durable
**	23x10	<i>Juniperus virginiana</i> 'Emerald Sentinel' Emerald Sentinel Juniper	😞	😊	😊	😊	😊	😊	Dark green color
*	20x8	<i>Juniperus virginiana</i> 'Prairie Sentinel' Prairie Sentinel Juniper	😞	😊	😊	😊	😊	✖	Grey-green color, slower grower
**	18x5	<i>Juniperus virginiana</i> 'Taylor' Taylor Upright Juniper	😊	😊	😊	😊	😊	😐	Italian cypress look, durable, species color

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KEY	*** = Well Tested/Observed in Kansas City region	😊 = Super tree for this condition	😞 = Very Poor tree for this condition
	** = Somewhat Tested/Observed in Kansas City region	😬 = Fair tree for this condition	✖ = Unknown
	* = Not Well Tested/Observed in Kansas City region (Buyer Beware)	😞 = Poor tree for this condition	

ARBORVITAE TREES

Score	Size	Tree Name	Rating						Comments
Expert-tested for Kansas City region	Height x width (ft.)		As specimen	As buffer or massing	Culturally adaptable	Heavy soils	Drought tolerant	Lifespan	
***	25x15	<i>Thuja occidentalis</i> Eastern Arborvitae	😞	😬	😞	😬	😞	😞	Needs irrigation, snow loads are a problem
**	18x4	<i>T. occ.</i> 'Degroot's Spire' Degroot's Spire Arborvitae	😬	😬	😞	😬	😞	😞	Best cultivar, otherwise same as species, slow
***	16x6	<i>T. occidentalis</i> 'Smaragd' Emerald Green Arborvitae	😞	😞	😞	😬	😞	😞	Overplanted and unloved by experts
**	20x7	<i>Thuja occidentalis</i> 'Techny' Techny Arborvitae	😞	😞	😞	😬	😞	😞	Poor performer, slow growing
***	35x15	<i>Thuja x 'Green Giant'</i> Green Giant Arborvitae	😞	😊	😬	😬	😞	😞	Fast grower, drought problems, deer resistant
**	25x12	<i>Thuja x 'Spring Grove'</i> Spring Grove Arborvitae	😞	😬	😬	😬	😞	😞	Less vigorous than Green Giant, but similar
***	25x15	<i>Thuja orientalis</i> Oriental Arborvitae	😞	😬	😬	😬	😊	😊	Toughest arborvitae for challenging KC

FIR / YEW TREES

Score	Size	Tree Name	Rating						Comments
*	40x18	<i>Abies balsamea</i> Balsam Fir	😞	😞	😞	😞	😞	✖	Poor performance in KC
**	45x25	<i>Abies concolor</i> White Fir	😬	😞	😞	😞	😞	😞	Beautiful, needs excellent drainage, variable
**	25x14	<i>Abies concolor</i> 'Candicans' Candicans Fir	😬	😞	😞	😞	😞	😞	White-blue color very impressive
*	30x16	<i>Abies fraseri</i> Fraser Fir	😞	😞	😞	😞	😞	✖	Very few good trees in KC, many failures
*	30x20	<i>Abies homolepis</i> Nikko Fir	😊	😞	😞	😊	😞	✖	Very few good trees in KC, many failures
*	15x6	<i>Abies koreana</i> Korean Fir	😬	😞	😞	😬	😞	✖	Heat and drought sensitive
*	35x16	<i>Abies nordmanniana</i> Nordman Fir	😬	😞	😞	😬	😬	✖	Very few good trees, but shows promise
**	40x20	<i>Pseudotsuga menziesii</i> Douglas Fir	😞	😞	😞	😞	😞	😬	Very few nice older specimens in KC
***	20x14	<i>Taxus cuspidata</i> 'Capitata' Pyramidal Japanese Yew	😬	😞	😬	😞	😞	😞	Great evergreen for shade, needs drainage
***	15x9	<i>Taxus x media</i> 'Hicksii' Hicks Upright Yew	😞	😊	😬	😞	😬	😊	More upright/round form than Cap Yew

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HOLLY / MAGNOLIA TREES (BROADLEAF EVERGREENS ONLY)

KEY	***	= Well Tested/Observed in Kansas City region	😊	= Super tree for this condition	😞	= Very Poor tree for this condition
	**	= Somewhat Tested/Observed in Kansas City region	😬	= Fair tree for this condition	✖	= Unknown
	*	= Not Well Tested/Observed in Kansas City region (Buyer Beware)	😓	= Poor tree for this condition		

Score	Size	Tree Name	Rating						Comments
Expert-tested for Kansas City region	Height x width (ft.)		As specimen	As buffer or massing	Culturally adaptable	Heavy soils	Drought tolerant	Lifespan	
***	20x12	<i>Ilex x attenuata</i> 'Fosteri' Foster's #2 Holly	😊	😊	😊	😓	😓	😓	Needs winter wind protection
***	20x12	<i>Ilex x attenuata</i> 'Greenleaf' Greenleaf Holly	😊	😊	😬	😓	😓	😓	Chlorosis, needs winter wind protection
***	8x7	<i>Ilex x 'Blue Maid'</i> Blue Maid Holly	😞	😓	😊	😓	😞	😓	Needs winter wind protection
**	14x7	<i>Ilex x Centennial Girl'</i> Centennial Girl Holly	😓	😊	😊	😓	😞	😓	Needs winter wind protection
*	14x6	<i>Ilex x 'Dragon Lady'</i> Dragon Lady Holly	😓	😓	😓	😓	😓	✖	Rare to succeed in KC
**	6x5	<i>Ilex x 'Honey Maid'</i> Honey Maid Holly	😓	😞	😞	😓	😞	😞	Creamy white leaf margin, often fails
*	9x5	<i>Ilex x meserveae</i> 'Hackenfee' Castle Spire Holly	😊	😊	😊	😓	😞	✖	Good fruit production, needs male in area
*	9x5	<i>Ilex x meserveae</i> 'Hackenstar' Castle Wall Holly	😊	😊	😊	😓	😞	✖	Male pollinator for 'Castle Spire'
*	18x9	<i>Ilex x 'Nellie R. Stevens'</i> Nellie Stevens Holly	😓	😓	😞	😓	😞	✖	Needs shelter, but often killed to ground
***	35x18	<i>Ilex opaca</i> American Holly	😊	😊	😊	😓	😓	😊	Species is variable, but many old specimens
*	20x15	<i>Ilex penunculosa</i> Longstock Holly	😞	😞	😞	😊	😞	✖	Not heat or drought tolerant
*	10x5	<i>Ilex x 'Rutzan'</i> Red Beauty Holly	😊	😊	😊	😓	😓	✖	Tough holly with excellent fruit production
*	40x20	<i>Magnolia grandiflora</i> 'DD Blanchard' Magnolia	😊	😊	😊	😊	😊	✖	Large flowers, seems superior to 'Bracken's'
***	30x20	<i>Magnolia grandiflora</i> 'Bracken's Brown' Magnolia	😊	😊	😊	😊	😊	😊	No protection needed, heavy snow breakage
**	35x25	<i>Magnolia grandiflora</i> 'Edith Bogue' Magnolia	😊	😊	😊	😊	😊	😓	More hardy than 'Bracken's'
**	25x12	<i>M. virginiana</i> 'Jim Wilson' Moonglow Sweetbay Magnolia	😊	😊	😊	😊	😊	😊	Holds some foliage thru winter, fragrant
***	25x14	<i>Magnolia virginiana v. australis</i> Sweetbay Magnolia	😊	😊	😊	😊	😊	😊	Tolerates wet sites, needs winter moisture

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MISC. NEEDLED EVERGREENS TREES

KEY	***	= Well Tested/Observed in Kansas City region	😊	= Super tree for this condition	😞	= Very Poor tree for this condition
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Score	Size	Tree Name	Rating						Comments
Expert-tested for Kansas City region	Height x width (ft.)		As specimen	As buffer or massing	Culturally adaptable	Heavy soils	Drought tolerant	Lifespan	
*	30x14	<i>Calocedrus decurrens</i> Incense-Cedar	😐	😞	😞	😐	😐	✖	Does well in SW KS, but not tested in KC
**	30x16	<i>Cedrus atlantica</i> 'Glauc' Blue Atlas Cedar	😊	😞	😐	😞	😐	😞	Nice specimen if winters stay mild
*	30x15	<i>C. deodara</i> 'Karl Fuchs' Blue Himalayan Cedar	😐	😞	😞	😞	😐	✖	Blue fades to grey, cold tolerant
*	25x12	<i>Cedrus deodara</i> 'Electric Blue' Blue Him.Cedar	😐	😞	😞	😞	😐	✖	More dense, less cold tolerant than 'K.Fuchs'
*	30x25	<i>Cedrus libani</i> v. <i>stenocoma</i> Cedar of Lebanon	😐	😞	😞	😞	😐	✖	Not holding up in KC, no thriving old trees
*	18x9	<i>Chamaecyparis lawsoniana</i> Lawson Falsecypress	😐	😞	😞	😐	😞	✖	Interesting horizontal twig structure
**	24x10	<i>Chamaecyparis nootkatensis</i> Weeping Alaska Cedar	😊	😞	😞	😐	😞	😐	Interesting specimen, doing well in KC
**	12x8	<i>Cham. pisifera</i> 'Filifera' Japanese Falsecypress	😊	😞	😐	😐	😞	😐	Internal needles die but can be trimmed
**	15x9	<i>Cham. pisifera</i> 'Boulevard' Blvd. Falsecypress	😐	😞	😐	😐	😞	😐	Can look a bit rough with age, but does well
*	35x20	<i>Cryptomeria japonica</i> Japanese Cedar	😞	😞	😞	😞	😐	✖	Very few surviving trees in KC
*	30x14	<i>Cupressus arizonica</i> Arizona Cypress	😞	😞	😞	😞	😊	✖	Seed source/cultivar is important
*	20x7	<i>Cupressus arizonica</i> 'Cook's Peak' Cook's Peak Cypress	😞	😞	😐	😞	😊	✖	Appears to be cold hardy, blue foliage
*	25x10	<i>Cupressus arizonica</i> 'Blue Ice' Blue Ice Cypress	😐	😞	😞	😞	😊	✖	Blue foliage, cold hardiness in question
**	25x10	<i>Sciadopitys verticillata</i> Japanese Umbrella Pine	😐	😞	😞	😞	😞	😞	Very slow, needs winter shade, needs love
*	30x15	<i>Sequoiadendron giganteum</i> Giant Redwood	😞	😞	😞	😞	😞	✖	Not suited for KC's climate
*	30x15	<i>Sequoiadendron giganteum</i> 'Hazel Smith' Giant Redwood	😐	😞	😞	😞	😞	✖	Blue color, hates KC humidity, but can survive
***	45x25	<i>Tsuga canadensis</i> Canadian Hemlock	😞	😞	😞	😞	😞	😞	Needs winter wind protection and good soil

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CITY OF PARKVILLE • 8880 Clark Avenue • Parkville, MO 64152 • (816) 741-7676 • FAX (816) 741-0013

**CITY OF PARKVILLE
Memorandum**

Date: December 4, 2023

To: Brittanie Propes, Parks and Recreation Director

From: Tom Barnard, Parks Superintendent

CC: CLARB

December Parks Activity Report:

The following Parks-related activities took place during December 2023:

- Playground climbing wall footers poured
- Climbing wall sections secured and set in place
- A-Truss sidewalk replacement work initiated.
- Old sidewalk removed from A-Truss approach
- A-Truss border formed for sidewalk, concrete poured.
- Playground mulch purchased for repaired play areas.
- Motorcycle spring toy footers dug.
- Spring toy footers poured and cured.
- Climbing wall ladders and slide installed, footers poured.
- Playground mulch added as needed.
- Water added to roundabout water feature.
- Dumpster bin cleaned out.
- Wildflower mix added to Rush Creek north bank.
- 2nd snow event Dec. 26th
- Dormant grass seeding performed on Field 1.
- Trucks cleaned out, spreaders greased and maintenance checks performed.
- Restrooms cleaned & stocked- ongoing
- Dog stations stocked regularly.
- New Year's Day 5K held in ELP/PLP



December 2023 Work Report
Parkville Nature Sanctuary

Kristen Bontrager

Programming: Winter Wonderland had attendance of around 100, much less than registered likely due to the full day of rain and cold weather.

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: Completed burn workshop, see attached certificate. Upcoming workshops in January through Natural Areas about communicating about invasive species and MDC about street trees species selection. Plan to begin ISA (International society of Arboriculture) municipal specialist certification in 2024

Volunteers:

Four volunteers helped with Winter Wonderland and three helped with set-up, and clean-up.

Regular volunteers helped with trash duties, mulching trails where needed, and various maintenance tasks.

Five volunteers came out for a workday for three hours to mulch trails.

Current Volunteer Hours PNS only:

Month	Hours this month	Total hours
January	20	20
February	21	41
March	71	112
April	126	238
May	84	322
June	106	428
July	172	600
August	23	623
September	46	669
October	230	899
November	154	1,053
December	53	1,106



November 2023 Work Report
Parkville Nature Sanctuary

Kristen Bontrager

Programming: We are preparing for Winter Wonderland and finalizing the programming and schedule for 2024. The schedule will be posted for the public in January.

Trail Maintenance: Sheep remained on site for all of November. They will go spend winter at the farm. Dan Krull, Jacob Canyon and I will discuss the spring schedule of sheep at both Sullivan and PNS.

Parkhill Prof. Studies interns and I planted 25 Swamp Milkweed at Sullivan to compliment the native grasses installed along a steep eroded slope. The Milkweed was donated by MDC. All Milkweed was watered and mulched following installation.

FOPNS: Calendar are officially printed and ready for sale. See FOPNS website to purchase. Officers to be elected to replace outgoing President, Vice President, and Treasurer. FOPNS board to set-up in November at Turkey Trot registration to sell calendars. Met with new FOPNS president to discuss upcoming fundraising goals.

Professional Development: Attended Winter Dendrology class hosted by MDC, upcoming will be a MDC burn certification course in December.

Volunteers:

A volunteer group spent three hours mulching trails with six people. They used their own equipment and mulched roughly ¼ mile of trail. Much of the trail had been washed out by late October rains and this was a much needed improvement.

Park University had students, faculty, and their families come do invasive Honeysuckle removal along Old Kate Trail near the waterfall, 18 volunteers showed up and worked for three hours!

Dan Krull and Jacob Canyon with A Good Oak spent several hours every day volunteering while sheep were on site at Sullivan removing invasive species and clearing trails, and installing native plants/ seed.

Spent two hours planning Winter Wonderland with Martha Wright.

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December		



PARKS CIP UPDATE

January 10, 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.
- **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.

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, BNN 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 Design Phase.**
- 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.
- **Anticipated start of construction is mid-January or as soon as weather permits.**

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 in December 2023.**

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.**
- **The Steering Committee will meet for a Master Plan Kick-off meeting. This agenda will include meeting the consultant team, an overview of the project, community engagement options, and decisions regarding the timeline.**

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.

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.
- SFS is preparing an additional scope of work with quotes to break the project into phases or continue with the full project. Phase 1 to potentially include the flag poles, benches, monuments and electrical/lighting. Phase 2 to potentially include a memorial wall and walking path.

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.

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 1st, 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 or 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.