



**CITY OF UNIVERSITY CITY
REGULAR MEETING OF THE URBAN FORESTRY COMMISSION
VIA VIDEOCONFERENCE
Wednesday, September 8, 2021
6:00 P.M.**

**IMPORTANT NOTICE REGARDING
PUBLIC ACCESS & PARTICIPATION**

On March 20, 2020, City Manager Gregory Rose declared a State of Emergency for the City of University City due to the COVID-19 Pandemic. Due to the ongoing efforts to limit the spread of the COVID-19 virus, the September 8, 2021 meeting will be conducted via videoconference.

Observe and/or Listen to the Meeting (your options to join the meeting are below):

Webinar via the link below:

<https://us02web.zoom.us/j/86519442489?pwd=S2RhVkhOWmlWZ3Q1a0JzNUdZc2UzZz09>

Passcode: 323758

Audio Only Call

Or One tap mobile :

US: +13017158592,86519442489#,,,,*323758# or +13126266799,,86519442489#,,,,*323758#

Or Telephone:

Dial(for higher quality, dial a number based on your current location):

US: +1 301 715 8592 or +1 312 626 6799 or +1 929 205 6099 or +1 253 215 8782 or +1 346 248 7799 or +1 669 900 6833 or 888 788 0099 (Toll Free) or 877 853 5247 (Toll Free)

Webinar ID: 865 1944 2489

Passcode: 323758

International numbers available: <https://us02web.zoom.us/j/86519442489>

Citizen Participation and Public Hearing Comments:

Those who wish to provide a comment during the "Citizen Participation" portion as indicated on the agenda; may provide written comments to the Darren Dunkle ahead of the meeting.

ALL written comments must be received **no later than 12:00 p.m. the day of the meeting.** Comments may be sent via email to: ddunkle@ucitymo.org, or mailed to the City Hall – 6801 Delmar Blvd. – Attention Darren Dunkle, Director of Parks, Recreation and Forestry. Such comments will be provided to Board/Commission member prior to the meeting. Comments will be made a part of the official record and made accessible to the public online following the meeting.

Please note, when submitting your comments, a **name and address must be provided.** Please also note if your comment is on an agenda or non-agenda item. If a name and address are not provided, the provided comment will not be recorded in the official record.

The City apologizes for any inconvenience the meeting format change may pose to individuals, but it is extremely important that extra measures be taken to protect employees, residents, and elected officials during these challenging times.

AGENDA (Revised) – September 8, 2021

A. MEETING CALLED TO ORDER

B. ROLL CALL

C. APPROVAL OF AGENDA

D. APPROVAL OF MINUTES

E. CITIZEN PARTICIPATION

Procedures for submitting comments for Citizen Participation and Public Hearings:

ALL written comments must be received **no later than 12:00 p.m. the day of the meeting.** Comments may be sent via email to: ddunkle@ucitymo.org, or mailed to the City Hall – 6801 Delmar Blvd. – Attention Darren Dunkle, Director of Parks, Recreation and Forestry. Such comments will be provided to Parks Commission members prior to the meeting. Comments will be made a part of the official record and made accessible to the public online following the meeting *Please note, when submitting your comments, a **name and address must be provided.** Please also note if your comment is on an agenda or non-agenda item. If a name and address are not provided, the provided comment will not be recorded in the official record.*

F. DEPARTMENT REPORT

G. COUNCIL LIAISON REPORT

H. UNFINISHED BUSINESS

- 1) Invasive Species Pledge

I. NEW BUSINESS

- 1) Appeal – 6942 Melrose Avenue
- 2) Commissions Role
- 3) Volunteer Opportunities
- 4) Severe Storm Response Presentation

J. COMMISSION COMMENTS

K. ADJOURNMENT

**MINUTES OF THE MEETING OF THE
URBAN FORESTRY COMMISSION
UNIVERSITY CITY, ST. LOUIS COUNTY, MISSOURI
WEDNESDAY, MAY 12, 2021**

Agenda Item #1: Call Meeting to Order

Forestry Commission President Kristin Sobatka called the meeting to order at 6:02 pm.

Agenda Item #2: Roll Call

Those in attendance included Commission President Kristin Sobatka, Commission Vice President Dianne Benjamin, Secretary Kathy Freese, and Commission Members David Rowan, and John Roman. Also in attendance was Director of Parks, Recreation and Forestry Darren Dunkle, and Forestry Supervisor Jacob Kaiser. Absent were Commission Member Malik Johnson and Council Liaison Aleta Klein

Mr. John Roman was introduced as a new member of the Commission.

Agenda Item #3: Approval of Agenda

Commission Secretary Freese motioned, and Commission Vice President Benjamin, seconded to approve the agenda with no changes. The motion was approved unanimously.

Agenda Item #4: Approval of Minutes

Commission Secretary Freese motioned, and Commission Member Rowan seconded to approve the minutes of March 10, 2021 with no changes. The motion was approved unanimously.

Agenda Item #5: Citizens' Comments

None.

Agenda Item #6: Department Report – Jacob Kaiser reported on the March and April Forestry Reports.

- a) Discussion followed regarding new tree plantings within the city.
- b) Commission Member Benjamin asked about the status of the Invasive Pledge. Mr. Dunkle stated that it was his understanding that the Green Practices Commission was going to consider making a recommendation in support of the pledge as well. He further stated that it is his intent to make a recommendation on the pledge with the support of both the Urban Forestry Commission and the Green Practices Commission.

Agenda Item #7: Council Liaison Report

None.

Agenda Item #9: Unfinished Business

None.

Agenda Item #10: New Business

- a) Tree City USA-Arbor Day Proclamation - Mr. Dunkle reported that as part of the Tree City USA program, participants are usually required to hold an Arbor Day Celebration and have a Proclamation made by the City of such date. However, due to the COVID-19 pandemic, they have waived the requirement to hold a celebration this year but would require the city to have the proclamation. As such, at the May 10, 2021 City Council

meeting, the Mayor introduced a proclamation stating that April 30, 2021 was Arbor Day in the City of University City.

- b) FY22 Proposed Operating Budget – Mr. Dunkle reported that a “Proposed Budget” has been sent to City Council for their review and consideration, and that a “Final Budget” would be introduced to City Council at the last meeting in June for Council approval. Mr. Dunkle stated that the “Proposed Budget” included \$254,500 of contractual forestry work in the areas of Tree Pruning, Stump Grinding, Tub Grinding, and Misc. Tree Work. He further stated that as proposed, the budget would be a \$53,000 increase over the FY21 budget for the same type of work.
- c) FY22 Proposed CIP Budget – Mr. Dunkle reported that a “Proposed Budget” has been sent to City Council for their review and consideration, and that a “Final Budget” would be introduced to City Council at the last meeting in June for Council approval. Mr. Dunkle stated that the “Proposed Budget” included \$100,000 of contractual forestry work in the areas of E.A.B. tree removal and replacement as well as Hazardous Tree Removal and Replacement. He further stated that as proposed, the budget would be a \$50,000 increase over the FY21 budget for the same type of work.

Discussion took place regarding inhouse staff versus contractual staff. Mr. Dunkle and Mr. Kaiser stated that an inhouse work force would give more flexibility in scheduling and timeliness of projects, as well as better control of the quality of work being performed; however, contractual work is also necessary, as contractors can usually provide more resources to get the work done.

Agenda Item #11: Commission Comments

- a) Commission Secretary Freese asked if there would be a way to engage Washington University in assisting in the watering and maintenance of street trees on properties that they own within University City. She went on to state that Washington University currently maintains the lawns and landscaping on their properties and that it could greatly improve the quality of the trees and the neighborhoods if they could assist in some manner.
- b) Commission Member Benjamin stated that several years ago a program was initiated in the LOOP in which businesses were asked to maintain flower planters that had been placed in front of their businesses, to beautify the LOOP as well as assist in the ongoing maintenance. She further stated that program did not work as most of the businesses did not actively participate.

Agenda Item #12: Adjournment

Commission Secretary Freese motioned, and Commission Member Benjamin seconded to adjourn. The motion was approved unanimously.



To: Darren Dunkle; Urban Forestry Commission
From: Jacob Kaiser

Date: 6/1/2021

Subject: **MAY FORESTRY REPORT**

Removed 4 trees, 15 man-hours were spent on removals.

Pruned 48 trees, 50 man-hours spent on pruning.

Planted 79 trees, 207.5 man-hours spent on planting.

Related forestry work:

- 2 Loads of woodchips were taken to Heman Park.
- 2 Loads of sweepings of bark and twigs were taken to recycle area in Ruth Park.
- 0 Load of logs on the crane truck taken to Heman Park.
- Performed daily chainsaw and planting tool maintenance

Comments:

All trees have been planted for the season.

Tree removals are not being performed in house at this time due to staffing restrictions. A 3 man crew is needed to remove trees in a safe manner. All removals done this month were small trees that were planted in the past 2-3 years that did not make it.

Trim grant closeout has been submitted. We are waiting on the final approval from MDC before the city receives the reimbursement check.

All stumps have been ground out.

Some stubs remain waiting on crane truck to be repaired.

Requests for pruning have a quick response time due to no tree removals.

Removal contract is being prepared.



To: Darren Dunkle; Urban Forestry Commission
From: Jacob Kaiser

Date: 7/6/2021

Subject: **JUNE FORESTRY REPORT**

Removed 14 trees, 31 man-hours were spent on removals.

Pruned 140 trees, 142 man-hours spent on pruning.

Removed 8 standing stubs, 44 man-hours spent on stubs.

Related forestry work:

- 3 Loads of woodchips were taken to Heman Park.
- 5 Loads of sweepings of bark and twigs were taken to recycle area in Ruth Park.
- 4 Load of logs on the crane truck taken to Heman Park.
- Performed daily chainsaw

Comments:

Tree watering was handled by city forester during times of drought

Tree removals are not being performed in house at this time due to staffing restrictions. A 3 man crew is needed to remove trees in a safe manner. All removals done this month were trees under 10" in diameter

TRIM grant has been approved waiting on check

This fiscal year's TRIM grant has been sent and informally awarded. Waiting to hear specifics on funding amount.

Stubs have all been removed except for 1

Requests for pruning have a quick response time due to no tree removals.

Removal contract is being prepared.



To: Darren Dunkle; Urban Forestry Commission
From: Jacob Kaiser

Date: 8/3/2021

Subject: **JULY FORESTRY REPORT**

Removed 10 trees, 27 man-hours were spent on removals.

Pruned 17 trees, 69 man-hours spent on pruning.

Storm Damage, 301 man-hours spent on storm damage.

Related forestry work:

- Storm on 7/10
- Hazardous tree removal bid received
- Tub grinding out to bid
- EAB out to bid

Comments:

Crews worked the weekend of the storm. Some parks crew members helped out.

13 complete tree failures to city owned trees.

6 trees with damage from storm added to removal list.

Streets department and Parks department crews going street by street to pick up storm damage from 7/16-7/30.

Forestry crew focused on large tree failures and parks clean up.

Parks still not inventoried completely for storm damage.



To: Darren Dunkle; Urban Forestry Commission
From: Jacob Kaiser

Date: 9/3/2021

Subject: **AUGUST FORESTRY REPORT**

Removed 10 trees, tree removals were due to storm damage.

Pruned 16 trees, 82 man-hours spent on pruning.

Storm Damage, 286 man-hours spent on storm damage.

Related forestry work:

- Storm on 8/12
- Storm damage trees removed
- Tub grinding bid received goes to council on 9/13
- EAB bid received goes to council on 9/13

Comments:

Streets department and Parks department crews going street by street to pick up storm damage from 8/16-8/31.

Forestry crew focused on large tree failures and parks clean up.

Parks crew member helped with storm damage tree removals.

127 tree planting sites inventoried

Hazardous tree removal contract approved by council work started 8/30. 50 trees to be removed.

Jacob Kaiser attended Missouri Community Forestry Council annual conference



AGENDA ITEM COVER

MEETING DATE: September 8, 2021
AGENDA ITEM TITLE: Appeal 6942 Melrose Avenue
AGENDA SECTION: New Business

BACKGROUND REVIEW:

Residents at 6942 Melrose Avenue have requested an Appeal for the removal of a Pin Oak. They have given the following reasons as to why they feel the tree should be removed.

The Ordinance states that the University City Forestry Department will Maintain and Prune a tree that poses an immediate threat of danger; this tree poses a threat of danger, whether the tree is dead or alive. The Ordinance also states that the University City Forestry Department will assess the amount of trees per area. If the University City Forestry Department did indeed make an assessment of the area, it would have been evident that there are too many mature trees surrounding these small homes. The tree over my Mother's home poses a direct threat to my Mother's life and her home of 55 years. My Mother is 88 years old, and she can't even walk out of the house, without assistance, due to Squirrels and the amount Acorns that overrun her property. We have been reaching out to the University Forestry Department for years and it appears that our concerns are not being taken seriously. Below is the basis for our Appeal and where we see clear violation of the Ordinance by the University City Forestry Department.

- *Lack of needed Pruning of the Tree.*
- *Lack of regular Maintenance of the Tree.*
- *Lack of Care of the Tree, that could result in immediate Danger to my Mother and her home.*
- *Lack of assessment of the amount of trees surrounding my Mother's home and her immediate neighbor's homes.*

As you can see in the attached Inspection Reports, the Pin Oak at 6942 Melrose Avenue was last inspected on May 14, 2021 and found to be in good condition. The tree has been inspected by request every year since 2016. The tree was pruned to remove dead wood and maintain house clearance in 2013, 2014, and 2017. The tree has always been found to be in good condition by city foresters both Jacob Kaiser and James Crowe. The tree was also inspected by Davey Resource Group in 2019 as part of the complete inventory of street trees in the 3rd ward and found to be in good condition with a low-risk rating. Some complaints that have been submitted are regarding leaf litter, twigs, acorns, and squirrels. These are all very common issues with mature Oak trees and not something the forestry department can prevent from happening.

ACTIONS:

An appeal shall be based on a claim that the true intent of this Chapter or the regulations or rules adopted there under have been incorrectly interpreted or applied and shall specify the reasons. **The Commission may reverse, affirm, or modify the order, decision, or determination of the City Forester. The Commission shall render its decision by majority vote after an appeal hearing.**

ATTACHMENTS:

1. Appeal Letter
2. Tree Inventory Reports

Re: Appeal to University Forestry Department
Address: 6942 Melrose, University City, MO 63130
Homeowner: Estella Hines
From: Daughters & Power of Attorneys: Sheila Hellm & Sheron Brown
Date: September 6, 2021.

Hello Mr. Kaiser,

Per our conversation and per this Email communication, I am submitting this Letter of Appeal in lieu of an In Person Meeting or Zoom Call.

I read the University City Tree Ordinance and I see several violations. The Ordinance states that the University City Forestry Department will Maintain and Prune a tree that poses an immediate threat of danger; this tree poses a threat of danger, whether the tree is dead or alive. The Ordinance also states that the University City Forestry Department will assess the amount of trees per area. If the University City Forestry Department did indeed make an assessment of the area, it would have been evident that there are too many mature trees surrounding these small homes. The tree over my Mother's home poses a direct threat to my Mother's life and her home of 55 years. My Mother is 88 years old, and she can't even walk out of the house, without assistance, due to Squirrels and the amount Acorns that overrun her property. We have been reaching out to the University Forestry Department for years and it appears that our concerns are not being taken seriously. Below is the basis for our Appeal and where we see clear violation of the Ordinance by the University City Forestry Department.

- Lack of needed Pruning of the Tree.
- Lack of regular Maintenance of the Tree.
- Lack of Care of the Tree, that could result in immediate Danger to my Mother and her home.
- Lack of assessment of the amount of trees surrounding my Mother's home and her immediate neighbor's homes.

Please advise when we can expect a response to our Appeal.

Thank You,
Sheila Hellm & Sheron Brown
Daughters & Power of Attorneys for Estella Hines
Cell: 314-477-1621
Email: sheilahellm@yahoo.com



DEPARTMENT OF PARKS,
RECREATION AND FORESTRY

JAMES CROWE CITY FORESTER (314) 505-8619

TREE INSPECTION REPORT

DATE: 9/24/07

ADDRESS: 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR Pin Oak Street Tree

THE CONDITION OF THE TREE: EXCELLENT GOOD FAIR POOR DEAD DYING

TREE WORK IS SCHEDULED **BY PRIORITY OF NEED.**

SERVICE TO BE PROVIDED:

PRUNE

HIGH PRIORITY- WITHIN 10-12 WEEKS

LOW PRIORITY- 3-4 MONTHS

WINTER- BECAUSE OF OAK WILT DISEASE UNIVERSITY CITY DOES NOT PRUNE OAK TREES FROM APRIL TO OCTOBER.

REMOVAL

HIGH PRIORITY- WITHIN 8-10 WEEKS

LOW PRIORITY- 2 TO 3 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

PLANT A NEW TREE

CITY WILL PLANT A NEW TREE: FALL/WINTER WINTER/ SPRING

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

COMMENTS:



DEPARTMENT OF PARKS,
RECREATION AND FORESTRY

JAMES CROWE CITY FORESTER (314) 505-8619

TREE INSPECTION REPORT

DATE: 10/30/07

ADDRESS: 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR Oak Street Tree

THE CONDITION OF THE TREE: EXCELLENT GOOD FAIR POOR DEAD DYING

TREE WORK IS SCHEDULED **BY PRIORITY OF NEED.**

SERVICE TO BE PROVIDED:

PRUNE

HIGH PRIORITY- WITHIN 10-12 WEEKS

LOW PRIORITY- 3-4 MONTHS

WINTER- BECAUSE OF OAK WILT DISEASE UNIVERSITY CITY DOES NOT PRUNE OAK TREES FROM APRIL TO OCTOBER.

REMOVAL

HIGH PRIORITY- WITHIN 8-10 WEEKS

LOW PRIORITY- 2 TO 3 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

PLANT A NEW TREE

CITY WILL PLANT A NEW TREE: FALL/WINTER WINTER/ SPRING

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

COMMENTS:



DEPARTMENT OF PARKS,
RECREATION AND FORESTRY

JAMES CROWE CITY FORESTER (314) 505-8619

TREE INSPECTION REPORT

DATE: 8/28/09

ADDRESS 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR Pin Oak Street Tree

THE CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD DYING

TREE WORK IS SCHEDULED **BY PRIORITY OF NEED.**

SERVICE TO BE PROVIDED:

PRUNE

HIGH PRIORITY- WITHIN 10-12 WEEKS

LOW PRIORITY- 3-4 MONTHS

WINTER- BECAUSE OF OAK WILT DISEASE UNIVERSITY CITY DOES NOT PRUNE OAK TREES FROM APRIL TO OCTOBER.

REMOVAL

HIGH PRIORITY- WITHIN 8-10 WEEKS

LOW PRIORITY- 2 TO 3 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

PLANT A NEW TREE

CITY WILL PLANT A NEW TREE: FALL/WINTER 2010 WINTER/ SPRING 2010

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

COMMENTS:



DEPARTMENT OF PARKS,
RECREATION AND FORESTRY

JAMES CROWE CITY FORESTER (314) 505-8619

TREE INSPECTION REPORT

DATE: 4/1/11

ADDRESS 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR Pin Oak Street Tree

THE CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD DYING

TREE WORK IS SCHEDULED **BY PRIORITY OF NEED.**

SERVICE TO BE PROVIDED:

PRUNE

HIGH PRIORITY- WITHIN 10-12 WEEKS

LOW PRIORITY- 3-4 MONTHS

WINTER- BECAUSE OF OAK WILT DISEASE UNIVERSITY CITY DOES NOT PRUNE OAK TREES FROM APRIL TO OCTOBER.

REMOVAL

HIGH PRIORITY- WITHIN 8-10 WEEKS

LOW PRIORITY- 2 TO 3 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

PLANT A NEW TREE

CITY WILL PLANT A NEW TREE: FALL/WINTER WINTER/ SPRING 2009

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

COMMENTS:



DEPARTMENT OF PARKS,
RECREATION AND FORESTRY

JAMES CROWE CITY FORESTER (314) 505-8619

TREE INSPECTION REPORT

DATE: 11/2/13

ADDRESS 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR: Pin Oak Street Tree

THE CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD/ DYING

TREE WORK IS SCHEDULED **BY PRIORITY OF NEED.**

SERVICE TO BE PROVIDED:

PRUNE

HIGH PRIORITY- WITHIN 10-12 WEEKS

LOW PRIORITY- 3-4 MONTHS

WINTER- BECAUSE OF OAK WILT DISEASE UNIVERSITY CITY DOES NOT PRUNE OAK TREES FROM APRIL TO OCTOBER.

REMOVAL

HIGH PRIORITY- WITHIN 8-10 WEEKS

LOW PRIORITY- 4 TO 5 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

PLANT A NEW TREE

CITY WILL PLANT A NEW TREE: FALL/WINTER 2012 WINTER/ SPRING 2013

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

COMMENTS: Tree was pruned winter 2011/12



DEPARTMENT OF PARKS,
RECREATION AND FORESTRY

JAMES CROWE CITY FORESTER (314) 505-8619

TREE INSPECTION REPORT

DATE: 6/20/14

ADDRESS 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR: Pin Oak Street Tree

THE CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD/ DYING

TREE WORK IS SCHEDULED **BY PRIORITY OF NEED.**

SERVICE TO BE PROVIDED:

PRUNE

HIGH PRIORITY- WITHIN 10-12 WEEKS

LOW PRIORITY- 3- 4 MONTHS

WINTER- BECAUSE OF OAK WILT DISEASE UNIVERSITY CITY DOES NOT PRUNE OAK TREES FROM APRIL TO OCTOBER.

REMOVAL

HIGH PRIORITY- WITHIN 8-10 WEEKS

LOW PRIORITY- 4 TO 5 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

PLANT A NEW TREE

CITY WILL PLANT A NEW TREE: FALL/WINTER 2014 WINTER/ SPRING 2015

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

COMMENTS:



TREE INSPECTION REPORT

DATE: 3/24/16

ADDRESS: 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR: Pin Oak Street Tree

CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD OR DYING

TREE WORK IS SCHEDULED BY **PRIORITY OF NEED**

SERVICE TO BE PROVIDED:

PRUNE HIGH PRIORITY- 10 TO 12 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

WINTER- DUE TO OAK WILT DISEASE OAKS ARE NOT PRUNED FROM APRIL THROUGH JULY PRUNING IS SCHEDULED DURING WINTER MONTHS

REMOVAL HIGH PRIORITY- 8 TO 10 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

THE CITY WILL PROVIDE AND PLANT A TREE ON ITS STREET RIGHT OF WAY ONLY AT THE REQUEST OF THE PROPERTY OWNER. PLEASE CALL THE DEPARTMENT TO MAKE THIS REQUEST.

COMMENTS: Emerald Ash Borer Abatement

YOU MAY APPEAL THIS DECISION BY REQUESTING A HEARING BEFORE THE URBAN FORESTRY COMMISSION. REQUESTS MUST BE MADE IN WRITING TO THE ATTENTION OF THE CITY FORESTER 6801 DELMAR BLVD. UNIVERSITY CITY, MO 63130



TREE INSPECTION REPORT

DATE: 9/30/16

ADDRESS: 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR: Pin Oak Street Tree

CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD OR DYING

TREE WORK IS SCHEDULED BY **PRIORITY OF NEED**

SERVICE TO BE PROVIDED:

PRUNE HIGH PRIORITY- 10 TO 12 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

WINTER- DUE TO OAK WILT DISEASE PIN OAKS ARE NOT PRUNED FROM APRIL THROUGH JUNE PRUNING IS SCHEDULED DURING AUGUST THRU WINTER MONTHS

REMOVAL HIGH PRIORITY- 8 TO 10 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

THE CITY WILL PROVIDE AND PLANT A TREE ON ITS STREET RIGHT OF WAY ONLY AT THE REQUEST OF THE PROPERTY OWNER. PLEASE CALL THE DEPARTMENT TO MAKE THIS REQUEST.

COMMENTS:

YOU MAY APPEAL THIS DECISION BY REQUESTING A HEARING BEFORE THE URBAN FORESTRY COMMISSION. REQUESTS MUST BE MADE IN WRITING TO THE ATTENTION OF THE CITY FORESTER 6801 DELMAR BLVD. UNIVERSITY CITY, MO 63130



TREE INSPECTION REPORT

DATE: 4/21/17

ADDRESS: 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR: Pin Oak Street Tree

CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD OR DYING

TREE WORK IS SCHEDULED BY **PRIORITY OF NEED**

SERVICE TO BE PROVIDED:

PRUNE HIGH PRIORITY- 10 TO 12 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

AFTER JULY- DUE TO OAK WILT DISEASE OAKS ARE NOT PRUNED FROM MID MARCH THROUGH JUNE PRUNING IS SCHEDULED AFTER JULY

REMOVAL HIGH PRIORITY- 10 TO 12 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

THE CITY WILL PROVIDE AND PLANT A TREE ON ITS STREET RIGHT OF WAY ONLY AT THE REQUEST OF THE PROPERTY OWNER. PLEASE CALL THE DEPARTMENT TO MAKE THIS REQUEST.

COMMENTS: Tree was pruned last winter 2016/17

YOU MAY APPEAL THIS DECISION BY REQUESTING A HEARING BEFORE THE URBAN FORESTRY COMMISSION. REQUESTS MUST BE MADE IN WRITING TO THE ATTENTION OF THE CITY FORESTER 6801 DELMAR BLVD. UNIVERSITY CITY, MO 63130



TREE INSPECTION REPORT

DATE: 6/4/18

ADDRESS: 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR: Pin Oak Street Tree

CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD OR DYING

TREE WORK IS SCHEDULED BY **PRIORITY OF NEED**

SERVICE TO BE PROVIDED:

PRUNE HIGH PRIORITY- 10 TO 12 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

AFTER JULY- DUE TO OAK WILT DISEASE OAKS ARE NOT PRUNED FROM MID MARCH THROUGH JUNE PRUNING IS SCHEDULED AFTER JULY

REMOVAL HIGH PRIORITY- 10 TO 12 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

THE CITY WILL PROVIDE AND PLANT A TREE ON ITS STREET RIGHT OF WAY ONLY AT THE REQUEST OF THE PROPERTY OWNER. PLEASE CALL THE DEPARTMENT TO MAKE THIS REQUEST.

COMMENTS:

YOU MAY APPEAL THIS DECISION BY REQUESTING A HEARING BEFORE THE URBAN FORESTRY COMMISSION. REQUESTS MUST BE MADE IN WRITING TO THE ATTENTION OF THE CITY FORESTER 6801 DELMAR BLVD. UNIVERSITY CITY, MO 63130



TREE INSPECTION REPORT

DATE: 9/17/18

ADDRESS: 6942 Melrose

INSPECTION HAS BEEN COMPLETED FOR: Pin Oak Street Tree

CONDITION OF THE TREES: EXCELLENT GOOD FAIR POOR DEAD OR DYING

TREE WORK IS SCHEDULED BY **PRIORITY OF NEED**

SERVICE TO BE PROVIDED:

PRUNE HIGH PRIORITY- 10 TO 12 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

AFTER JULY- DUE TO OAK WILT DISEASE OAKS ARE NOT PRUNED FROM MID MARCH THROUGH JUNE PRUNING IS SCHEDULED AFTER JULY

REMOVAL HIGH PRIORITY- 10 TO 12 WEEKS

LOW PRIORITY- 3 TO 4 MONTHS

REINSPECT FOR REMOVAL NEXT YEAR

NO SERVICE NEEDED AT THIS TIME, CITY FORESTER WILL CONTINUE TO MONITOR FOR ANY SIGNIFICANT CHANGES IN THE TREE CONDITION.

THE CITY WILL PROVIDE AND PLANT A TREE ON ITS STREET RIGHT OF WAY ONLY AT THE REQUEST OF THE PROPERTY OWNER. PLEASE CALL THE DEPARTMENT TO MAKE THIS REQUEST.

COMMENTS:

YOU MAY APPEAL THIS DECISION BY REQUESTING A HEARING BEFORE THE URBAN FORESTRY COMMISSION. REQUESTS MUST BE MADE IN WRITING TO THE ATTENTION OF THE CITY FORESTER 6801 DELMAR BLVD. UNIVERSITY CITY, MO 63130

Sites

Site Attributes

Address 6942	Suffix
Street Melrose Ave	Side Front
On Street Melrose Ave	X Coordinate 873206.870597
Y Coordinate 1033296.02859	Site ID 2202
Inventory Date 12/16/2020	Clearance Requirements None present
Comments	Last Changed Date 5/14/2021
Last Changed Time 15:14:54	Last Changed By Jacob Kaiser

Species Attributes

Species Oak, Pin (Quercus palustris)	Multi-Stem No
DBH 33	Defect Branch attachment
Condition Good	Primary Maintenance Need Discretionary
Further Inspection Required None	

Risk Attributes

TRAQ-Failure Likelihood Possible	TRAQ-Target Impact Likelihood Low
TRAQ-Consequence Severe	TRAQ-Likelihood Failure Impacts Target Unlikely
TRAQ-Rating Low	Residual Risk Low
Risk Assessment Complete Yes	



AGENDA ITEM COVER

MEETING DATE: September 8, 2021
AGENDA ITEM TITLE: Commission's Role
AGENDA SECTION: New Business

BACKGROUND REVIEW:

Several members of the Commission have requested information in regard to the Forestry Related Ordinances, Policies and their role on the Commission.

ACTIONS:

No action is required by the Commission, as this is an informational and discussion item, and will be submitted as part of the minutes.

ATTACHMENTS:

1. Ordinance
2. Management Policies
3. Acceptable Tree List

SUBSTITUTE 2

INTRODUCED BY: Mr. Price

DATE: July 10, 2006

BILL NO. 8895

ORDINANCE NO. 6670

AN ORDINANCE AMENDING TITLE 12 OF THE UNIVERSITY CITY MUNICIPAL CODE, RELATING TO STREETS, SIDEWALKS AND PUBLIC PLACES, BY REPEALING CHAPTER 12.08 THEREOF, RELATING TO STREET TREES AND SHRUBS, AND ENACTING IN LIEU THEREOF A NEW CHAPTER TO BE KNOWN AS "CHAPTER 12.08 TREES AND SHRUBS," THEREBY AMENDING SAID CHAPTER SO AS TO ESTABLISH NEW REGULATIONS ON TREES AND SHRUBS, ON BOTH PUBLIC AND PRIVATE PROPERTY; AND BY AMENDING THE HEADING TO TITLE 12 SO THAT IT SHALL BE KNOWN AS "TITLE 12 STREETS, SIDEWALKS AND PUBLIC PLACES, AND TREES AND SHRUBS;" CONTAINING A SAVINGS CLAUSE AND PROVIDING A PENALTY.

WHEREAS, at its meeting held at Screenz at 7:30 p.m. on July 10, 2006, the University City Plan Commission recommended an amendment of Chapter 12.08 of the University City Municipal Code so as to establish new regulations on trees and shrubs, on both public and private property; and

WHEREAS, due notice of a public hearing to be held by the City Council in the City Council Chambers at City Hall at 6:30 p.m. on August 28, 2006, was duly published in the St. Louis Countian, a newspaper of general circulation within said City on August 8, 2006, which was not more than thirty (30) days nor less than fifteen (15) days before the hearing date; and

WHEREAS, said public hearing was held at the time and place specified in said notice, and all suggestions or objections concerning said amendment were duly heard and considered by the City Council.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF UNIVERSITY CITY, MISSOURI, AS FOLLOWS:

Section 1. Title 12 of the University City Municipal Code, relating to streets, sidewalks and public places, is hereby amended by repealing Chapter 12.08 thereof, relating to street trees and shrubs, and enacting in lieu thereof a new chapter to be known as "Chapter 12.08 Trees and Shrubs," thereby amending said chapter so as to establish new regulations on trees and shrubs, on both public and private property; and by amending the heading to Title 12 so that it shall be known as "Title 12 Streets, Sidewalks and Public Places, and Trees and Shrubs;" so that Chapter 12.08, as so amended, shall read as follows:

Section 12.08.010 Purpose and intent.

The citizens and elected officials of the City are concerned that use and redevelopment is putting the City's tree population in jeopardy. Aging, disease, larger homes, new road construction and many other changes in the City often result in the loss of trees and vegetation, thereby changing the character and ambiance of the City. The planting, maintenance and preservation of trees and vegetation in the course of land disturbance has been determined to be a significant issue for the public health and welfare, and the City's physical and aesthetic environment.

The planting, maintenance and preservation of trees and vegetation will have substantial positive effects on storm water management, air quality, quality of water from non-point sources, erosion, flood control, wildlife habitat, noise pollution, energy conservation, and property values. It will provide for positive aesthetic benefits consistent with the established character of the City.

The planting, maintenance and preservation of trees and vegetation help moderate the effects of sun, cold and wind, and pollution. It also has a beneficial impact on the overall well-being of the City. Therefore, the standards as set out in this Chapter apply to all properties within the City's boundaries.

Section 12.08.020 Definitions.

For purposes of this chapter, the following terms, phrases, words and their derivations shall have the meaning given herein:

Arborist Permit: Annual permit required for any person pruning, treating, maintaining or removing of any tree on Development Projects and any tree in the Public Community Forest; provided however that City employees are excluded from this requirement.

Adjusted Diameter at Breast Height (DBH defined below): The DBH of a tree. (e.g., a 20-inch diameter tree with a Condition Rating of 50% has an "adjusted DBH" of 10 inches.)

Caliper: The diameter of a tree 6" above ground.

Carrying Capacity: A level in which a site has the maximum number of trees. The land cannot support any more trees without jeopardizing the health of all the trees due to overcrowding.

City: The City of University City, Missouri.

City Forester: The forester of the City or his or her duly authorized agent. The City Forester is responsible for administration of this Chapter and a Community Forestry Plan.

Community Forestry Plan: A written document that guides the work of the City Forester and envisions a long-range plan for the maintenance and improvement of the community urban forest. The Community Forestry Plan contains the City-wide street tree plan.

Condition Rating: A numerical rating developed in accordance with the International Society of Arboriculture methodology will be utilized to gage a tree's overall health and form expressed as a percent. A healthy tree with good form may be rated at 90%, whereas a tree with many broken limbs and serious decline may be rated at 20%.

Development and/or Development Projects: The performance of any building activity; or the making of any material change to any structure; or to the natural surface of land including activities that disturb the natural surface of the land such as clearing, excavating, and filling; or any change in the use or appearance of any structure or land; or the division of land into two or more parcels. For the purposes of this Chapter, in reference to the need for a Forest Activity Permit, the terms "development" or "development projects" shall include but not be limited to the construction of **new** single family dwellings or **new** two-family dwellings and any other new construction that requires a special use permit such as Site Plan Review, Conditional Use Permit or Planned Development. The terms "development" or "development projects" shall specifically **exclude** additions to single family dwellings or two-family dwellings and the addition of accessory structures (as defined in Title 34 of the Zoning Code) including but not limited to landscaping, decks, porches, sheds, garages, fences and pools.

DBH: The diameter of a tree at breast height which shall be measured at 4 ½ feet above ground.

Forestry Activity Permit: Permit required to remove, prune or plant City Trees. It is also required when trees are to be removed from private property as part of certain development projects as set forth herein.

Maintain: To plant, mulch, fertilize, water, and/or prune as necessary, and remove if dead or diseased.

Park Trees: See Trees below.

Public Community Forest: All City Trees as a total resource.

Private Community Forest: All trees within the City's boundaries that are not City Trees.

Private Tree: See Trees below.

Site: Same as Tract (see below).

Street Trees: See Trees below.

Tract: The total area of a parcel, site, lot, or ownership of land upon which development or land disturbance is proposed irrespective of the actual limits or size of the proposed development or land disturbance activity.

Tree: A woody plant that grows mostly upright as a single stem (rarely multi-stem) that may eventually attain a height of 15 feet or more.

City Tree: Street Tree, Park Tree or other tree on property owned by the City, on City right-of-way, or to be planted on City property or City right-of-way and other trees owned by the City.

Park Tree: City Tree located in a City public park.

Private Tree: Tree located on privately-owned property (not a City Tree).

Street Tree: City Tree located in City right-of-way along a public street.

Tree Bank: An account set up within the City's financial system that will accept payments from tree replacement assessments imposed by this Chapter, or from other sources that may arise. The Tree Bank funds shall be used to plant and maintain City Trees.

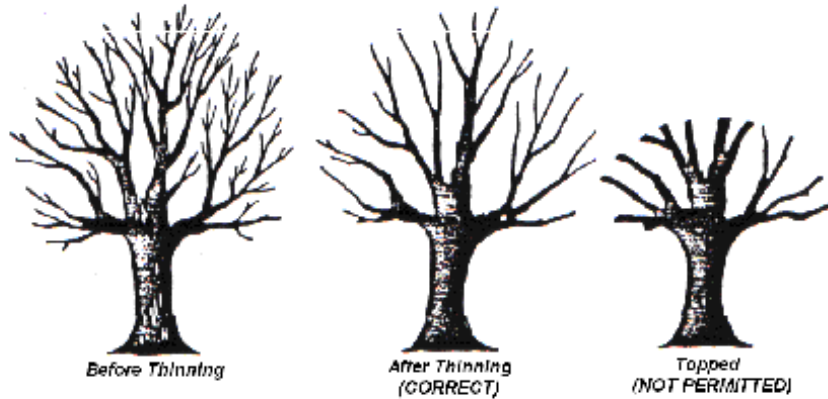
Tree Canopy Coverage: The area in square feet of a tree's branch spread. Existing tree canopy is determined by measuring the ground surface area that is covered by the branch spread of a single tree or clump or grove of trees.

Tree Lawn: A narrow band of soil-filled area typically located between the edge of the street pavement and an adjacent sidewalk or to the edge of the private property lot line.

Tree Manual: A manual prepared by the City Forester and that contains the technical information necessary to perform the work outlined in this Chapter.

Tree Survey: A comprehensive account by a certified arborist of all trees 6 inches or greater in DBH on the tract of land in question. A tree survey is required for Forest Activity Permits. This survey shall be prepared in map and in narrative form, and shall include: the species, size, condition (rated 1-100) and location of each tree relative to the proposed development. Tree protection measures and limits of disturbance shall be noted on the tree survey.

Tree Topping: The drastic removal, or cutting back, of large branches in mature trees leaving large, open wounds, which subjects the tree to disease and decay. Topping causes immediate injury to the tree and ultimately results in early failure or death of the tree.



Section 12.08.025 Jurisdiction.

The City shall have control of all trees, shrubs, and other plantings now or hereafter in any street, park, public right of way, or other public place within City limits, and shall have the power to plant, care for, maintain, remove and replace such trees, shrubs and other plantings. Jurisdiction shall also extend to trees, shrub and other planting as set forth in this Chapter.

Section 12.08.030 City Forester and Urban Forestry Commission - Appointment, Authority and Supervision.

A. City Forester

1. Duties include but are not limited to the following:
 - a. Implement this Chapter: The City Forester is authorized to adopt and promulgate rules and regulations necessary to interpret and implement the provisions of this chapter to secure the intent thereof and to promote the public health, safety and general welfare.
 - b. Authorize Permits and Supervise Permitted Work: The City Forester shall be authorized to issue and administer permits and supervise permitted work in accordance with this Chapter.
 - c. Implement the Community Forestry Plan: It shall be the responsibility of the City Forester to study, investigate, develop and annually prepare an update of the Community Forestry Plan, for the care, replacement, maintenance, and removal or disposition of City Trees and shrubs. Said update shall be presented to the Urban Forestry Commission for adoption *and forwarded to Council for approval.*

- d. Member of the Urban Forestry Commission: The City Forester shall also be an ex officio non-voting member of the Urban Forestry Commission.

B. Urban Forestry Commission

1. Creation of Commission: There is hereby established an Urban Forestry Commission. The Commission shall consist of the City Forester, and seven (7) members who shall be appointed by the City Council and who shall be and have been residents of the City for at least two years immediately prior to their appointment. The terms of such members shall be staggered. Two shall be designated to serve for a term of 1 year, three shall be designated to serve for a term of 2 years, and two shall be designated to serve for a term of 3 years from the date of such initial appointment. Members subsequently appointed by the City Council shall serve for a term of 3 years. Such members shall receive no compensation for their services as such. The City Council shall appoint a Councilmember as an ex officio member of the Commission to act as liaison between Council and the Commission. The City Council may remove any member of the Commission for the misconduct or neglect of duty. Vacancies on the Commission occasioned by removal, resignation or for any other cause shall be filled for the remainder of the term in like manner as in the case of original appointment.

2. Election of Officers: The Urban Forestry Commission shall as soon as practical after original appointment of its members, meet and elect a president and such other officers as it may deem necessary. Thereafter, elections of officers shall be had annually in the month of January.

3. Adoption of Rules and Regulations: The Commission shall make and adopt such rules and regulations for its guidance and proceedings as may be expedient and necessary for the carrying out of its duties, and not inconsistent with the Charter, the provisions of this Code or other ordinances of the City.

4. Performance of Duties: The Urban Forestry Commission shall upon advice and input from the City Council, City Forester, Director of Public Works, the Director of Parks, Recreation and Forestry, and the Director of Planning adopt and annually update a Community Forestry Plan, and shall perform such other duties as may be provided by this Code or by other ordinance. Such Plan shall, upon approval of City Council, constitute the official comprehensive Community Forestry Plan for the City.

5. Quorum for Transaction of Business: A majority of the Commission members shall constitute a quorum for the transaction of business.

6. Annual and Regular Meetings: The annual meeting of the Commission shall be held in January, for the purpose of electing a President and such other officers, and for the transaction of such other business as may come before the Commission. The Commission may fix the time and place for holding of additional regular meetings with notice of such meetings to be delivered or mailed to all Commission members. The Commission shall hold a minimum of six (6) regular meetings per calendar year. Additionally, the Commission shall meet within thirty (30) days of notice to act upon any appeal.

7. Special Meetings: Special meetings of the Commission may be called or at the request of the President, or two (2) Commission members.

8. Appeals: Any person directly affected by an order, decision or determination of the City Forester shall have the right to appeal to the Urban Forestry Commission. All appeals shall be filed within 10 days after the order, decision or determination is rendered by the City Forester; provided however that appeals of special assessments pursuant to Section 12.08.080.d shall be filed within 30 days after notice of the special assessment is mailed to the property owner. All appeals shall be in writing and filed with the Director of Parks, Recreation and Forestry and City Manager for placement on the Commission's agenda. An appeal shall be based on a claim that the true intent of this Chapter or the regulations or rules adopted there under have been incorrectly interpreted or applied, and shall specify the reasons. The Commission may reverse, affirm or modify the order, decision or determination of the City Forester. The Commission shall render its decision by majority vote after an appeal hearing.

Section 12.08.040 Forest Activity Permit.

A. Private Trees on Development Projects

Prior to removal of any tree six (6) caliper inches in diameter or greater, a Forest Activity Permit shall be required on all Development Projects on private property within the City. A Forestry Activity Permit shall be obtained from the City Forester. The fee charged for each Forestry Activity Permit shall be \$50 per Development Project. The removal of diseased or dead trees, and trees which have been declared a public nuisance by the City Forester is exempt.

A tree survey of the site must be provided to the City Forester, and approved by the City Forester, prior to any excavation, grading or land clearance and also prior to the issuance of a building permit by the Building Commissioner, in connection with the development. The City Forester shall provide the Building Commissioner written notification of any approval within twenty (20) work days. In the tree survey, each tree will be rated and assigned a condition factor (expressed as a percentage) depending on its current health. The condition factor will be assigned per guidelines accepted by the International Society of Arboriculture. Multiply the actual measured DBH of each tree by the condition factor to calculate the adjusted DBH.

The preservation of trees on lots is encouraged. If complete preservation is not possible, any trees six (6) caliper inches in diameter or greater being removed from the site must be replaced with trees of comparable species, so that the combined caliper inches of the replacement trees will be equal to that of the cumulative adjusted DBH being removed. The time of replacement shall be directed by the City Forester. If the carrying capacity of the site can not support the number of trees required for this mitigation, a payment of \$120 per caliper inch not so replaced shall be made by the developer to the City Tree Bank within thirty (30) days of the City Forester making such determination; provided however that the maximum amount payable shall be \$10,000 per acre; provided further that the City Forester shall make all reasonable effort

to utilize a sum equivalent to the amount so paid into the City Tree Bank for planting of City Trees near or surrounding the Development Project.

For Development Projects subject to this Chapter, should any preserved tree die or become damaged within one year of the later of the date all building permit work is finally approved by the City, or date an occupancy permit is issued, or date of actual occupancy, as a result of Development Project activity, the developer shall, at the direction of the City Forester, replace the tree(s), or pay an assessment equal to the value of the trees that died, were damaged, or were removed. Payment shall be due within thirty (30) days of the City Forester making such determination. The value of the trees will be determined using the International Society of Arboriculture's methodology of tree appraisal. (Copies available from ISA at PO Box 3129, Champaign, IL (www.isa-arbor.com)). The City shall not issue, shall withhold, or shall revoke, as the case may be, any occupancy permits until the assessment is paid.

In lieu of any payment required to be made to the City Tree Bank under this subsection, the developer may plant trees of equal value on City property or City right-of-way as directed by the City Forester, with preference to be given to the area near or surrounding the Development Project.

B. City Trees.

No person shall plant, prune, spray or remove any City Tree or City shrub without first obtaining a Forestry Activity Permit. A Forestry Activity Permit will be issued for appropriate planting spaces only. If a tree lawn exists, the planting site must be acceptable to the City Forester. Species selection must be made from the approved species list in the Tree Manual or a species approved by the City Forester.

A Forestry Activity Permit to prune, spray or remove City Trees will be issued if the City Forester finds that the desired actions or treatments are necessary and that the proposed method and workmanship are satisfactory. If a tree is approved to be pruned or removed, the activity shall follow the American National Standard Institute A300 Standard Practices and the root stump must be grubbed out, when so required by the City Forester. The fee charged for each Forestry Activity Permit for City Tree planting, pruning and removal shall be \$50.

Maintenance activities that include mulching, watering and fertilizing do not require a Forestry Activity Permit.

C. Regulations for Planting in Public Places:

Work performed in public places under a Forestry Activity Permit shall be in strict conformance with the terms of this Chapter, and the regulations set forth in the Tree Manual and further set forth below:

1. Trees must not be less than 1¾ caliper inches.

2. No tree shall be placed so as, in the opinion of the City Forester, Director of Public Works or Chief of Police, to cause a traffic hazard.
3. Application for planting will specify which trees currently located in public right-of-way shall be removed, if any. Stumps and exposed roots will be removed if any tree is approved for removal. No tree in public right-of-way shall be removed unless clearly authorized as part of the Forest Activity Permit.
4. Trees shall be planted at least 30 feet apart except where a special permit is obtained from the City Forester.
5. No tree shall be planted where the soil is too poor to insure the growth of such tree unless the owner incorporates a suitable loam or top soil.
6. No tree shall be planted nearer than one and one-half feet from the curb line or the sidewalk unless a special permit is granted by the City Forester.
7. No tree shall be planted along any street except of the species, cultivar, or variety selected by the City Forester for that street.
8. All pruning must follow the American National Standard Institute A300 Standard Practices.

Section 12.08.050 Intentionally left blank.

Section 12.08.060 Intentionally left blank.

Section 12.08.070 Annual Arborist Permits.

Any person pruning, treating, and/or removing any tree in a Development Project and/or any tree in the Public Community Forest must first obtain an Arborist Permit to be issued by the City Forester. An Arborist Permit shall be obtained from the City Forester upon showing proof of liability insurance in the amount of \$500,000 and workmen's compensation insurance as required by State law and shall be valid for a period of one year. Issuance of a permit also requires that such person (or if a business entity, that a minimum of one person within the business entity) be recognized by the International Society of Arboriculture as a Certified Arborist or Tree Worker. All permitted work on City Trees and trees in a Development Project will be consistent with American National Standard Institute A300, Standard Practices for Woody Plant Maintenance.

Fines for pruning, treating, or removing any tree within the City without the required Arborist Permit shall be \$500 per separate offense and shall double for the second separate offense, in addition to any other penalty provided in Section 1.12.010.

Section 12.08.080 Duty of private property owners relating to decayed, diseased or hazardous trees and shrubs; appeals.

- A. Every owner of any Private Tree overhanging any street or right of way within the City shall prune such tree so that branches shall not severely obstruct the light from a street light or obstruct the view of any street intersection. The minimum clearance of any overhanging portion of a tree shall be nine (9) feet, except where greater clearance is designated by the City Forester. Every owner shall remove all dead, decayed, diseased or hazardous Private Trees which may endanger any person or adjacent property.
- B. When there is a threat of danger from any dead, decayed, diseased or hazardous Private Trees, the City Forester shall have the right to:
- i. prune any tree or shrub when it interferes with the proper spread of light along the street from a street light, or interferes with visibility of any traffic control device or sign or sight triangle at intersections;
 - ii. remove or cause to be removed any dead or diseased tree when such tree constitutes a hazard to life and/or property, or harbors insects or disease which constitutes a potential threat to other trees within the City; or
 - iii. notify in writing the owners of such dead, decayed, diseased or hazardous trees and require the owners to perform the work within the time frame directed by the City Forester.
- C. Pruning or removal, as the case may be, shall be done at the owners' expense. In the event of failure of owners to comply with this provision, the City shall have the authority to remove or prune such trees and the cost of said removal or pruning shall be assessed to the owner as provided by law in the case of special assessments. Such a special assessment shall be certified by the City Forester to the Director of Finance and shall thereupon become and be a lien upon the property until paid.
- D. No tree or tree limb which has been cut down or which has fallen or been broken down, shall be permitted to be removed to, to remain in, or upon any public property, or so near thereto as to endanger any person thereon, and it shall be the duty of the private property owner to cause the same to be promptly removed, and it shall be unlawful for any such owner to fail so to do.
- E. Emergencies: When in the opinion of the City Forester there is an actual and immediate danger from a decayed, diseased or hazardous tree or shrub which would endanger any person or property, or when any tree or part thereof has fallen and any person or property is endangered thereby, the City Forester is authorized and empowered to take such action as may be necessary to render the tree, shrub, or part thereof temporarily safe whether or not the notice procedure in this section has been instituted. The cost incurred in the performance of any such emergency procedures shall be assessed to the property owner as provided by law in the case of special assessments. Such a special assessment shall be certified by the City Forester to the Director of Finance and shall thereupon become and be a lien upon the property until paid.

F. Appeal to special assessment: Any special assessment may be appealed pursuant to Section 12.08.030(B)(8), provided that the appeal shall be filed within 30 days after notice of the special assessment is mailed to the property owner.

Section 12.08.090 Abuse or mutilation.

- A. No unauthorized person on any City property or right-of-way shall:
1. Damage, cut, carve, transplant or remove any tree, shrub or plant or injure the bark or roots.
 2. Pick flowers or seeds of any tree, shrub or plant.
 3. Attach any nail, staple, rope, wire or any other contrivance to any tree, shrub or plant.
 4. Dig or otherwise disturb the root area, or in any other way injure or impair the flow of oxygen and water to the roots.
 5. Cause or permit any wire charged with electricity to come in contact with any tree, shrub or plant or allow any gaseous, liquid, or solid substance, which is harmful to such trees, shrubs or plants to come in contact with them.
- B. Tree topping of any City Tree or tree in a Development Project is unlawful and shall result in an immediate revocation of the Arborist Permit for a period of one year, in addition to any other penalty provided in Section 1.12.010.

Section 12.08.100 Interference with City Forester or other employees.

It shall be unlawful for any person to interfere with the City Forester or any other City employee while engaged in his or her duties herein set forth in this Chapter.

Section 2. This ordinance shall not be construed so as to relieve any person, firm or corporation from any penalty heretofore incurred by the violation of Chapter 12.08, nor bar the prosecution of any such violation.

Section 3. Any person, firm, or corporation violating any of the provisions of this ordinance shall, upon conviction thereof, be subject to the penalty provided in Chapter 1.12, Section 1.12.010 of the University City Municipal Code.

Section 4. This ordinance shall take effect and be in force from and after its passage as provided by law.

PASSED this 6th day of November, 2006.

MAYOR

ATTEST:

CITY CLERK

CERTIFIED TO BE CORRECT AS TO FORM:

CITY ATTORNEY



**University City
Parks, Recreation and Forestry**



FORESTRY POLICIES AND PROCEDURES	
Utility Shut Offs	Number:001
Approved By: Urban Forestry Commission	Effective Date: 5/16/07
Page 1 of 2	

I. PURPOSE

To determine the appropriate action when a city tree has grown over the access to utility shut offs. To guide staff and contract tree planters in the proper placement of new trees on city right of way.

II. REVISION HISTORY

III. REFERENCES

IV. PERSONS AFFECTED

Home owners and home buyers

V. POLICY

- A. When a tree has grown over the access to utility shut offs the following shall occur:
 - I. The tree shall be inspected to determine its health and what the available options are for the city and the homeowner.
 - II. If the tree is healthy the preferred option is for the utility company to install a new access point on the homeowners property.
 - III. If the tree is only partially covering the access point and the tree trunk can be cut back from the access point without significant damage to the tree the city will cut back the tree trunk.
 - IV. If the tree is marginally healthy the homeowner may remove the city tree and plant a new tree in an approved location.
 - V. If the tree is not healthy the city will remove the tree.
- B. Trees planted in the city right-of-way will be planted in locations that take into consideration the expected growth of the tree and be set back accordingly from the utility access points.

VI. DEFINITIONS



**University City
Parks, Recreation and Forestry**



FORESTRY POLICIES AND PROCEDURES	
Sewer Lateral Blockages	Number: 002
Approved By: Urban Forestry Commission	Effective Date: 05/16/07
Page 1 of 2	

I. PURPOSE

To outline the actions to be taken when a city tree roots are involved with sewer lateral lines to private property.

II. REVISION HISTORY

III. REFERENCES

IV. PERSONS AFFECTED

Homeowners and businesses

V. POLICY

On occasion a sewer lateral will be blocked by tree roots; the primary cause is a crack in the sewer line from the sewer settling or from wear. It is normal for the tree roots to gravitate to the moisture caused by the broken sewer and not normal for the tree roots to cause a sewer line to fail.

The property owner will need to have the sewer lateral line replaced. Residents may apply to get partial funding from a program administered by the Public Works department.

VI. DEFINITIONS

- A. Sewer Lateral Line: sanitary line running from house to main sewer line in street
- B. Sewer Lateral Fund: a fund set up to aid University City residents to replace sewer lateral lines after paying a deductible fee.

VII. RESPONSIBILTIES

- A. Property Owner – to contract for the sewer line repair from the street to their property.



**University City
Parks, Recreation and Forestry**



FORESTRY POLICIES AND PROCEDURES	
New Drive Ways	Number: 003
Approved By: Urban Forestry Commission	Effective Date: 5/16/07
Page 1 of 2	

I. PURPOSE

To establish the policy when a request is received for a new private property driveway and city street trees are impacted.

II. REVISION HISTORY

III. REFERENCES

City Code Chapter 12.08 as it relates to development projects.

IV. PERSONS AFFECTED

Private property owners and developers

V. POLICY

Every attempt should be made by the private property owner or developer to locate a new driveway in an area which will not impact an existing city tree. If this is not possible the private property owner or developer may remove the tree at their expense and replace it with an appropriate number of new trees.

VI. DEFINITIONS

VII. RESPONSIBILTIES

- A. Private property owner or developer would submit plans to the City Forester for review and approval if the plans impact a city tree.
 - i. If it is determined that the driveway can be located elsewhere and not impact a city tree the property owner may proceed as long as all other approvals are in place.



University City
Parks, Recreation and Forestry



FORESTRY POLICIES AND PROCEDURES	
Tree Stumps	Number: 004
Approved By: Urban Forestry Commission	Effective Date: 05/16/07
Page 1 of 2	

I. PURPOSE

To establish a policy on the removal of tree stumps on city right-of-ways.

II. REVISION HISTORY

III. REFERENCES

IV. PERSONS AFFECTED

Private property owners who have right-of-ways adjacent to their property.

V. POLICY

When a city tree is removed from the public right-of-way the stump is ground to a depth of 1' below the soil surface. They are not ground any lower in order to protect the utility lines which are located under street right-of-ways.

Stump grindings are left mounded to allow for the settling and decomposition of the remainder of the stump.

If after one year the ground has settled below the surrounding surface the city will fill the space to ground level with soil.

VI. DEFINITIONS

VII. RESPONSIBILITIES

- A. City – to remove the tree and grind the stump



University City
Parks, Recreation and Forestry



FORESTRY POLICIES AND PROCEDURES	
Private Trees	Number: 005
Approved By: Urban Forestry Commission	Effective Date: 5/16/07
Page 1 of 1	

I. PURPOSE

To clarify that private tree limbs and trees are the responsibility of the property owner and the procedures available for the disposal of tree branches no greater than 3 inches in diameter.

II. REVISION HISTORY

III. REFERENCES

City Code Chapter 12.08

IV. PERSONS AFFECTED

Private property owners

V. POLICY

- A. Trees on private property are the responsibility of the property owner. Any tree limb or portion of a private tree (except in an emergency as outlined in City Code Chapter 12.08) is the responsibility of the private property owner and may not be placed in the street or the street-right-of-way. The City will not pick up or allow delivery of a private tree to the city forestry mulch area.
- B. Tree branches no greater than 3 inches in diameter and 4 feet long may be picked up during refuse collection. The maximum bundle allowed is 2 feet around. The maximum numbers of bundles per pick up date is 6 bundles.

VI. DEFINITIONS

VII. RESPONSIBILTIES

VIII. PROCEDURES



University City
Parks, Recreation and Forestry



FORESTRY POLICIES AND PROCEDURES	
Private limbs overhanging private property	Number:006
Approved By: Urban Forestry Commission	Effective Date:5/16/07
Page 1 of 1	

I. PURPOSE

To clarify the responsibility of overhanging branches or encroaching roots between two private properties

II. REVISION HISTORY

III. REFERENCES

Missouri State Statutes

IV. PERSONS AFFECTED

Private property owners

V. POLICY

Trees located on private property are the responsibility of the property owners. When tree branches or roots encroach across property lines on to the adjoining property, it is the duty of the adjoining property owner to prune the offending roots or branches back to the property line.

VI. DEFINITIONS

VII. RESPONSIBILTIES

VIII. PROCEDURES



University City
Parks, Recreation and Forestry



FORESTRY POLICIES AND PROCEDURES

Pruning of Oaks and Elms

Number:007

**Approved By: Urban Forestry
Commission**

Effective Date: 5/16/07

Page 1 of 1

I. PURPOSE

To clarify the correct time of year for pruning of Oaks and Elms

II. REVISION HISTORY

III. REFERENCES

Missouri Department of Conservation

IV. PERSONS AFFECTED

V. POLICY

Because of Dutch Elm and Oak Wilt diseases, Oak and Elm trees are not pruned from April 1 to October 15.

VI. DEFINITIONS

VII. RESPONSIBILTIES

VIII. PROCEDURES



University City
Parks, Recreation and Forestry



FORESTRY POLICIES AND PROCEDURES	
City trees impacting sidewalks and driveways	Number:008
Approved By: Urban Forestry Commission	Effective Date:5/15/07
Page 1 of 1	

- I. PURPOSE**
To clarify the city’s responsibility for encroaching roots on sidewalks and driveways public and private.
- II. REVISION HISTORY**
- III. REFERENCES**
Missouri State Statutes
- IV. PERSONS AFFECTED**
Private property owners
- V. POLICY**
When roots from city street trees encroach under sidewalks and driveways on city property or adjoining property, it is the duty of said property owner to prune the offending roots back to the property line and repair the damaged walk or driveway.
- VI. DEFINITIONS**
- VII. RESPONSIBILTIES**
- VIII. PROCEDURES**
Raised city sidewalks will be reported to the Pubic Works Department for repair.



**University City
Parks, Recreation and Forestry**



FORESTRY POLICIES AND PROCEDURES	
Replanting of City trees	Number:009
Approved By: Urban Forestry Commission	Effective Date: 5/16/07
Page 1 of 2	

I. PURPOSE

To clarify the city’s responsibility replacing removed trees.

II. REVISION HISTORY

III. REFERENCES

IV. PERSONS AFFECTED

V. POLICY

After removing a City tree the Forestry department will replant another tree in the appropriate location during the appropriate season. Tree species will be chosen from the City’s approved tree list

VI. DEFINITIONS

List of approved trees:

- Acer campestre ‘Queen Elizabeth’
- Acer X freemanii ‘Autumn Blaze’, ‘Armstrong’, ‘Bowhall’
- Acer rubrum ‘Red Sunset’, ‘Burgundy Belle’
- Acer griseum
- Acer truncatum
- Amelanchier X grandiflora ‘Autumn Brilliance’
- Carpinus betulus ‘Fastigiata’
- Carpinus caroliniana
- Celtis occidentalis ‘Prairie Pride’
- Cercis canadensis
- Cercis canadensis ‘Alba’
- Cercis canadensis ‘Forest Pansy’
- Cladrastis kentukea
- Corylus columna
- Eucommia ulmoides
- Fagus grandifolia
- Fagus sylvatica ‘Asplenifolia’, ‘Dawyck’,
- Ginkgo biloba ‘Autumn Gold’, ‘Princeton Sentry’
- Cercidiphyllum japonicum
- Liriodendron tulipifera



University City
Parks, Recreation and Forestry



FORESTRY POLICIES AND PROCEDURES

Trees overhanging alleys

Number:010

**Approved By: Urban Forestry
Commission**

Effective Date:5/15/07

Page 1 of 1

I. PURPOSE

To clarify the responsibility of trimming trees overhanging or removal of trees growing in alleys.

II. REVISION HISTORY

III. REFERENCES

IV. PERSONS AFFECTED

Private property owners

V. POLICY

University City owns no right of way in alleys. The City only owns the width of the concrete in the alley way itself. Any trees growing along the alley would be the property of the resident and therefore be private trees.

VI. DEFINITIONS

VII. RESPONSIBILTIES

VIII. PROCEDURES



**University City
Parks, Recreation and Forestry**



FORESTRY POLICIES AND PROCEDURES	
Annual Pruning Cycle	Number:011
Approved By: Urban Forestry Commission	Effective Date: Pending
Page 1 of 2	

I. PURPOSE

To increase the efficiency of the maintenance of the City street trees.

II. REVISION HISTORY

III. REFERENCES

IV. PERSONS AFFECTED

Private property owners with city street trees and University City Forestry Division

V. POLICY

Most cities elect to utilize a cyclical pruning program and defer citizen requests until the cyclical program reaches their street. If inspections identify high levels of risk associated with defective limbs or trees, then priority action will be taken, otherwise the action will be deferred. Contracted work will be utilized to perform “on-demand” pruning for property owners. Property owners will be notified if a requested pruning service is not deemed to exceed risk thresholds, the work will be deferred until the next pruning cycle hits their street. If the property owner wants it completed sooner, the City will make arrangements to have the Contractor perform the service and bill the property owner. Just as with the tree planting arrangement, property owners will have the advantage of receiving contractor prices and the assurance that a qualified company (selected by the City Forester) is performing the work.

VI. DEFINITIONS

Contractor- Tree Company awarded by City of University City after a bid process to prune city trees during that fiscal year.

VII. RESPONSIBILITIES

City Forester to receive, record and respond to requests for tree inspections and provides a written response to the person requesting the work on a city tree. Annually prepare and review bid documents for tree pruning.

Contractor bill property owner based upon the approved bid price.

Property owner pay for the work performed by the Contractor.



CITY OF UNIVERSITY CITY

ACCEPTABLE TREES FOR PLANTING IN PARKS, CITY-OWNED PROPERTY, OR PUBLIC RIGHTS-OF-WAY

BACKGROUND

The City of University City manages over thirty thousand (30,000) trees that cover parks, natural areas, City-Owned Property and Public Rights-Of-Way. Trees and forests are long-term investments to the urban society that must be managed with the same skill and diligence as any city asset.

Public trees in University City can be classified into four categories:

- **Street/ROW Trees:** These trees require the greatest level of maintenance and have the highest level of tree/people interaction. Because of the constrained and difficult growing conditions, these trees are most likely to suffer from mechanical damage, biotic and abiotic disorders and vandalism. The management of the street tree population directly affects the adjacent property owners and the character of the community.
- **Formal Park/Public Areas:** These trees require frequent maintenance and have a high likelihood of tree/people interaction. These trees also have a potential for mechanical injury and demand a high level of care and consideration during design and construction activities.
- **Periphery of Formal Park/Public Areas/Natural Areas:** These trees require the least amount of maintenance because of their often remote and sheltered locations. The trees in these areas are managed not as individual trees, but rather as stands of trees linked to the associated plants and sites on which they reside. These trees can come in conflict with people when they occur along property lines, adjacent to man-made structures or near gathering places.
- **Undesirable Trees:** While many tree species are quite applicable and adaptable for most environments, a variety of trees may not be appropriate for use within the City of University City. Primary reasons for discouraging the use of these undesirable tree species include: Root System; Soil Type; Heat/Cold Tolerance; Drought Tolerance; Weak branching habit; Prone to damage by insects, diseases and nutrient deficiencies; Leaf scorch and mildew; Poor transplantation; and Invasiveness.

DESIGN

Selection

Selecting trees that adapt well to their site and fulfill their landscape function is extremely important to the success and maintenance of a planting. The quality of young plants is also crucial. A plant species should be selected on the basis of its functional uses, its adaptation to the site, and the amount of care it will require.

Landscape Functions

There are four main functions to consider when selecting trees to include in the landscape design.

- **Architectural features:** privacy, view enhancement, and space articulation.
- **Engineering:** reduce glare, direct traffic, filter air, reduce soil erosion, and attenuate noise.
- **Climatic influences:** transpirational cooling; interception of solar radiation, reflection, and re-radiation; and modification of rain, fog and snow deposition.
- **Aesthetic uses:** form, color, and texture.

Site Adaptation

It is important to plant the right tree in the right place. The intended landscape use and nature of a site should be considered when selecting for growth habit and ultimate size. Mature size is an important consideration. The tree should not outgrow its allotted space given such constraints as vistas and power-lines. The following table shall be used as a guide in selecting the right tree:

Tree Selection Factors

FEATURE	BENEFIT
Rate of Growth	Fast-growing trees tolerate difficult sites, are usually weak-wooded and subject to limb breakage; and generally, are shorter lived. The opposite is generally true for slow-growing trees.
Wood Strength	When a tree decays or weakens, it can become a hazard to the surrounding area. Strength is based on the trees ability to withstand wind loads, snow bearing loads, water saturation or drought, and its adaptability to its surroundings.
Rooting	Roots are what keep the tree anchored in the ground. Through them pass nutrients and water that nourish and support the tree. Stressors such as drought, flooding, disturbance, disease, or damage can greatly affect tree roots and the health of the tree.
Plant Features	<ul style="list-style-type: none"> • Leaves: Color, size, persistence • Thorns and prickly foliage: Enhanced security vs. maintenance problems • Flowers and fruit: Aesthetic consideration, wildlife habitat. Potentially increased maintenance.
Climatic Adaptation	<ul style="list-style-type: none"> • Plant hardiness and local minimum temperatures. • Moisture-natural or irrigated. • Light – reflect or allow for winter heating. • Wind – deflect or channel wind patterns.
Soils	Poor soils can cause failure of planting. Amendment not desirable or feasible. Match plant to soil condition.
Air pollution	Choose trees with appropriate tolerance level.
Pest Resistance	Resistant plant material will reduce maintenance.
Native Plants	Native plants positively impact our planet, prosperity, and people. Missouri native tree species are planted in our changed urban landscape sites when practical. Invasive tree species are no longer planted.
Selecting Quality Stock	Selection of quality planting stock is as important to success as selection of proper species, planting and maintenance. Root and shoot quality can determine not only performance but also survival.
Roots and defects	Kink roots, girdling (circling roots) can eventually “choke” a tree.
Top & Trunk Characteristics	<ul style="list-style-type: none"> • Height-to-Caliper ratio • Crown configuration • Branching pattern

ACCEPTABLE TREES

University City is pleased to present the following lists of recommended trees for enhancing University City, streets, avenues, boulevards, parking lots, parks, public facilities, businesses and private properties. Development of this composite list is the result of significant research, incorporating the advice from professionals including arborists, urban foresters, nurserymen, horticulturalists, professors, park planners and landscape architects. The intention of this effort is to provide urban planners, architects, landscape architects, city employees, developers, and University City businesses and residents with a list of trees appropriate for planting in specific areas, tailored to the University City environment. Since the world of living plants is quite dynamic, these lists will be reviewed periodically by the Parks, Recreation and Forestry Department and updated as deemed necessary after reviewing the results of ongoing urban forestry research.

The Parks, Recreation and Forestry Department completed the most recent review and update of the City's current list of recommended trees as of January 2021. The Parks, Recreation and Forestry Department's primary intention associated with development of this researched document is to provide University City citizens and staff with state-of-the-art tree recommendations as the community continues to enhance University City's urban forest.

I. STREET TREES

These trees require the greatest level of maintenance and have the highest level of tree/people interaction. Because of the constrained and difficult growing conditions, these trees are most likely to suffer from mechanical damage, biotic and abiotic disorders and vandalism. The management of the street tree population directly affects the adjacent property owners and the character of the community.

While many tree species are quite applicable and adaptable for University City's challenging urban streetscape, there are a variety of trees not appropriate for use within the streetscape environment. Primary reasons for discouraging the use of these undesirable tree species include:

- Size (height, and width) and shape.
- Root system.
- Soil type.
- Heat and/or cold tolerance.
- Drought tolerance.
- Salt tolerance.
- Weak branching habit, resulting in frequent release of fallen branches.
- Producer of messy fruit, seeds, acorns etc.
- Prone to damage by insects, diseases and nutrient deficiencies.
- Leaf scorch and mildew.
- Poor transplantation.

Tree selection when planting near a sidewalk, trail or parking lot, etc. is critical to having long term success. The amount of space available should be used to determine the size of the tree being planted. The following chart illustrates this information:

<u>Tree Lawn Width</u>	<u>Mature Tree Height</u>	<u>Mature Tee Width</u>
3-5 feet	10-30 feet	10-20 feet
5-7 feet	30-40 feet	10-20 feet
7-9 feet	40-50 feet	10-20 feet
9-11feet	50 feet or taller	20-25 feet
12 feet or wider	50 feet or taller	25 feet or wider

Another source indicates that the walk should be further away than three times the trunk diameter at maturity. Trees that have shallow roots should be avoided near sidewalks, trails and parking lots.

A. **SMALL COLUMNAR STREET TREES** (Less than 20' Width/15'-30' Height)

The following list of small columnar street trees are acceptable for planting in bump outs, small and/or narrow islands and medians, close to sidewalks and buildings, and within street grates.

1. **Sugar Maple** – *Acer saccharum* “*Barrett Cole”, “Belle Tower”, Apollo”.
2. **Crimson Spire Oak** – *Quercus alba x Q robur* “Crimschmidt”.
3. **Oak** – *Quercus robur x bicolor* “Nadler”.
4. **English Oak** – *Quercus Robur - Fastigiata*.
5. **Magnolia** – *Magnolia stellate* “Magnolia Star”.
6. **Eastern Redbud** - *Cercis canadensis* “Oklahoma”.
7. **Bald Cypress** - *Taxodium distichum* “Lindsey Skyward”.
8. **Pyramidal European Hornbeam** – *Carpinus betulus - Fastigiata* “Frans Fontaine”.
9. **Poplar** – *Populus tremuloides erecta* “Prairie Sky”.
10. **Weeping White Spruce** – *Picea glauca*.
11. **Juniper** – *Juniperus communis* “Brynhyfyd”, Compressa”.

Underlined Species = Plants of Merit

* = Trees native to Missouri

B. MEDIUM TO LARGE COLUMNAR STREET TREES (20' Width or greater)

The following list of medium to large columnar street trees are acceptable for planting in medium to large islands and medians.

1. **Red Maple** – *Acer rubrum* “Redpoint”, “Bowhall” and “Scarlet Sentinel”.
2. **Red Maple** – *Acer freemani* “Armstrong”.
3. **Sugar Maple** – *Acer saccharum* “Steeple”, and “Flashfire”.
4. **European Beech** – *Fagus sylvatica* “Red Obelisk”, “Dawyck Purple”. European Green.
5. **Ginkgo** – *Ginkgo biloba* “Princeton Sentry”.
6. **Sweetgum** – *Liquidambar styraciflua* “Emerald Sentinel”, “Clydesform”, “Slender Silhoutte”.
7. **White Spruce** – *Picea glauca* “Pendula”.
8. **Oak** – *Quercus robur x bicolor* “Kindred Spirit”.
9. **Oak** – *Quercus x warei* “Regal Prince”.
10. **Purple-leaf Plum** – *Prunus cerasifera* “Crimson Pointe”.
11. **Thornless Honeylocust** – *Gleditsia tricanthos var. inermis* “Skycole”.
12. **Magnolia** – *Magnolia stellate* “Ivory Chalice”.
13. **Redbud** - *Cercis* “*Eastern Redbud”, “Forest Pansy”, “Plena” and “Ruby Atkinson”.
14. **Columnar Norway Spruce** – *Picea abies* Columnar.
15. **Poplar** – *Populus tremuloides erecta* Swedish Columnar.

C. NON-COLUMNAR AND MEDIUM TO LARGE STREET TREES (30' or greater in height and greater than 25' in width)

The following list of non-columnar and medium to large street trees are acceptable for planting in large lawn and/or wide islands/medians.

1. ***Bur Oak** – *Quercus macrocarpa* “Urban Pinnacle”.
2. ***Baldcypress** – *Taxodium distichum* “Shawnee Brave”, “Peve Minaret”, “Seacrest”, and “Falling Waters”.

Underlined Species = Plants of Merit

* = Trees native to Missouri

3. **Littleleaf Linden** – *Tilia Cordata* “Greenspire”.
4. **Red Oak** – *Acer x freemanii* “Jeffersred”.
5. ***American Beech** – *Fagus grandifolia*.
6. **American Linden** – *Tilia Americana* “Redmond” and “Legend”.
7. **Maple** – *Acer buergeranum* “Trident”, “Rocky Mountain Glow”.
8. **Japanese Tree Lilac** – *Syringa reticulata* “Chantilly Lace”, “Ivory Silk”, and “Summer Snow”.
9. **Ginkgo** – *Ginkgo biloba* “Autumn Gold”.
10. **Thornless Honeylocust** – *Gleditsia tricanthos var. inermis* “Shademaster” or “Moraine”.

II. FORMAL TREES

These trees require frequent maintenance and have a high likelihood of tree/people interaction. These trees also have a potential for mechanical injury and demand a high level of care and consideration during design and construction activities. These trees generally, do not produce nuts, fruits, etc.

CONIFERS

1. ***Baldcypress** – *Taxodium distichum* “Shawnee Brave”, “Lindsey’s Skyward” (Columnar), “Green Whisper” (Weeping), “Peve Minaret”, “Seacrest”, and “Falling Waters”.
2. **White Fir, Concolor Fir** – *Abies concolor*.
3. ***American Holly** – *ilex opaca*.
4. **Colorado Spruce, Blue Spruce** – *Picea pungens* Columnar.
5. **Norway Spruce** – *Picea abies* Coulmnar.
6. **White Spruce** – *Picea glauca* “Pendula”, “Conica” and “Densata”. Weeping.
7. **Douglas Fir** – *Pseudotsuga menziesii*.
8. **Canadian Hemlock** – *Tsuga Canadensis*.

Underlined Species = Plants of Merit

* = Trees native to Missouri

9. **Chinese Juniper** – *Juniperus chinensis*.
10. **Japanese Black Pine** – *Pinus thunbergiana*.
11. **Japanese Red Pine** – *Pinus densiflora* “Oculus Draconis”, “Penula” and “Ubraculifera”.
12. **Limber Pine** – *Pinus flexilis*.
13. **Red Pine** – *Pinus resinosa*.
14. **Eastern White Pine** – *Pinus strobus*.
15. **Juniper** – *Juniperus communis* “Brynhyfyd”, “Compressa”.
16. **Holly** - *Ilex opaca* “Dragon Lady”.
17. **Short Leaf Pine** – *Pinus echinata*.
18. **Dawn Redwood** – *Metasequoia glyptostroboides*.

SMALL TREES & FLOWERING TREES (under 30’ in height)

1. ***Flowering Dogwood** – *Cornus florida* “Starlight”, “Cherokee Chief”, “Cherokee Princess” and “Cloud 9”.
2. **Saucer Magnolia** – *Magnolia x soulangiana*.
3. **Magnolia** – *Magnolia stellate* “Ivory Chalice”, “Magnolia Star”, “Butterflies”, “Yellow Bird”, “Coral Lake”, “Daybreak”, “Moonglow”, “Green Shadow”, “Brackens Brown Beauty”, and “Edith Bogue”.
4. **Southern Magnolia** – *Magnolia grandiflora*.
5. **Sweetbay Magnolia** – *Magnolia virginiana*.
6. **Japanese Snowbell** – *Styrax japonicas*.
7. **Maple** – *Acer species* “Tartarian”, “Amur”, and “Shangtung”.
8. ***Eastern Redbud** - *Cercis canadensis* “Forest Pansy”, “Oklahoma”, “Plena”, “Ruby Atkinson”, “Alba”, “Rising Sun”, “Travelor”, and “Ace of Hearts”.
9. **Japanese Flowering Cherry** – *Prunus serrulata* “Kwanzan”.

Underlined Species = Plants of Merit

* = Trees native to Missouri

10. **Japanese Tree Lilac** – *Syringa reticulata* “Chantilly Lace”, “Ivory Silk”, and “Summer Snow”.
11. **Japanese Snowbell** – *Styrax japonicas*.
12. **Crepe Myrtle** - *Lagerstroemia* “Sarah’s Favorite”, “Hybrid White” or “Dodd’s White”.
13. **Poplar** – *Populus tremuloides erecta* Swedish Columnar.
14. **Eastern Wahoo** – *Euonymus atropurpureus*.
15. **Carolina Silverbell** – *Halesia Carolina*.
16. **Paperbark Maple** – *Acer griseum*.

MEDIUM TREES (30’ to 60’ in height)

1. ***Yellowwood**- *Cladrastis kentuckea*.
2. **Ginkgo** – *Ginkgo biloba* “Princeton Sentry”, and “Autumn Gold”.
3. **Thornless Honeylocust** – *Gleditsia tricanthos var. inermis* “Skycole” and “Moraine”.
4. **Crimson Spire Oak** – *Quercus alba x Q robur* “Crimschmidt”.
5. **Oak** – *Quercus x warei* “Regal Prince”.
6. **English Oak** – *Quercus robur - Fastigiata*.
7. **Pyramidal European Hornbeam** – *Carpinus betulus - Fastigiata*.
8. ***American Hornbeam** – *Carpinus caroliniana* “Native Flame”.
9. **Maple** – *Acer buergeranum* “Trident” and “Rocky Mountain Glow”.
10. **Red Maple** – *Acer freemani* “Armstrong”. “Freeman”.
11. ***River Birch** – *Betula nigra* “Heritage”.
12. ***Paper Birch, Canoe Birch** – *Betula papyrifera*.
13. **Sourwood, Sorel Tree** – *Oxydendrum arboretum*
14. **Horsechestnut** – *Aesculus hippocastanum* “Baumannii”.
15. **Katsura** – *Ceridiphyllum japonicum*.

Underlined Species = Plants of Merit

* = Trees native to Missouri

16. **Yellowwood** – *Cladrastis kentukea*.
17. **Amur Maackia** – *Maackia amurensis*.

LARGE TREES (over 60' in height)

1. ***American Basswood** – *Tilia Americana* “Redmond Linden”.
2. ***American Beech** – *Fagus gandifolia*
3. **European Beech** – *Fagus sylvatica* “Asplenifolia”, “Atropunicea”, “Purpurea” “Purpurea Tricolor”, and “Roseamarginata”.
4. **Littleleaf Linden** – *Tilia Cordata* “Greenspire”.
5. ***Red Maple** – *Acer rubum* “Red Point”, “Autumn Flame”, and “October Glory”.
6. ***Sugar Maple** – *Acer saccharum* “Green Mountain”, “Legacy”, “Bonfire”, Fall Fiesta” and “Caddo”.
7. **Miyabei Maple** - *Acermiyabei* “State Street”.
8. ***Northern Red Oak** – *Quercus rubra*.
9. ***Scarlet Oak** – *Quercus coccinea*.
10. ***Shumard Oak** – *Quercus shumardii*.
11. ***Swamp White Oak** – *Quercus bicolor*.
12. **Black Oak** – *Quercus velutina*.
13. **Chinkapin Oak** – *Quercus muehlenbergii*.
14. **Willow Oak** – *Quercus phellos*.
15. **Red Oak** – *Acer x freemanii* “Jeffersred”.
16. **Tuliptree** – *Liriodendron tulipifera* “Emerald City”.
17. **Hedge Maple** – *Acer Campestre* “Queen Elizabeth”.
18. ***Baldcypress** – *Taxodium distichum* “Shawnee Brave”, “Lindsey’s Skyward” (Columnar), Green Whisper” (Weeping), “Peve Minaret”, “Seacrest”, and “Falling Waters”.

Underlined Species = Plants of Merit

* = Trees native to Missouri

19. **Ginkgo** – *Ginkgo biloba* “Magyar”, “Autumn Gold”, “Lakeview”, “Golden Colenade” and “Shangrila”.
20. **American Linden** – *Tilia Americana* “Redmond” and “Legend”.
21. **Black Maple** – *Acer nigrum* “Greencolumn”.
22. **Katsura** – *Cercidiphyllum japonicum*.
23. **American Elm** – *Ulmus Americana* “New Harmony”, Valley Forge”, “Jefferson”, and “Princeton”.
24. **London Plane Tree** – *Plantanus occidentalis* “Bloodgood”, “Columbia”, “Liberty”, and “Exclamation”.
25. **Osage-Orange** – *Malclura pamifera* “White Shield” and “Wichita”.

III. PERIPHERY/NATURAL AREA TREES

These trees require the least amount of maintenance because of their often remote and sheltered locations. The trees in these areas are managed not as individual trees, but rather as stands of trees linked to the associated plants and sites on which they reside. These trees can come in conflict with people when they occur along property lines, adjacent to man-made structures or near gathering places. These trees generally produce some fruit and/or nuts, etc.

SMALL TREES & FLOWERING TREES (under 30' in height)

1. **Ohio buckeye** – *Aesculus glabra*.
2. **Red Buckeye** – *Aesculus pavia*.
3. ***Hophornbeam** – *Ostrya virginiana*.
4. **Pawpaw** – *Asimina triloba*.
5. **Hardy Rubbertree** – *Eucommia ulmoides*.
6. ***Sassafras** – *Sassafras albidum*.
7. **Flowering Crabapple** – *Malus spp.* “Centurion”, “Harvest Gold”, “Prairie Fire”, “Profesor Sprenger”, “Snowdrift”, “Sugar Tyme”, “Adams”, “Callaway”, “Indian Summer”, “Robinson”, and “Donald Wyman”.

Underlined Species = Plants of Merit

* = Trees native to Missouri

8. **Persian Parrotia** – *Parrotia persica* “Horizontalis”, and “Vanessa”.
9. ***Downey Serviceberry** – *Amelanchier arborea* “Autumn Brilliance”, “Cumulus”, “Princess Diana”, and “Prince Charles”.
10. **Serviceberry** – *Amelanchier x grandiflora* “Spring Flurry”, “Autumn Sunset”, “Snowcloud” and “Tradition”.
11. **Lilac, Japanese Tree** – *Syringa reticulata* “Ivory Silk”, “Regent Japanese” and “Summer Snow”.
12. **American Witch Hazel** – *Hamamelis virginiana*.
13. **Sweetbay/Swamp Magnolia** - *M. virginiana*.
14. **Viburnum** – *prunifolium* “Black Haw”.
15. **Viburnum** – *rufidulum* “Rusty Black Haw”.
16. **Higan Cherry** – *Prunus Subhirtella* “Pendula Plena Rosea”.
17. ***Eastern Red Cedar** – *Juniperus virginiana* “Canaertii”.

MEDIUM - LARGE TREES (30' to over 60' in height)

1. ***American Sycamore** – *Platanus occidentalis* “Bloodgood”, “Columbia” and “Liberty”.
2. **Hickory** – *Carya laciniosa* “Shellbark”.
3. ***Hickory** – *Carya ovate* “Shagbark”.
4. ***Chestnut Oak** – *Quercus michauxii* “Swamp Chestnut Oak”.
5. **Chestnut Oak** – *Quercus prinus* “Chestnut Oak”.
6. ***Pecan** – *Carya illinoensis* “Hardy Giant”, “Major” and “Colby”.
7. **European Alder** – *Alnus glutinosa*.
8. ***Blackgum/Sour Gum/Tupelo** – *Nyssa sylvatica* “*Wildfire”, “Green Gables”, “Afterburner” and “Firestarter”.
9. ***Kentucky Coffeetree** – *Cymnocladus dioica* “Espresso” (Seedless).

Underlined Species = Plants of Merit

* = Trees native to Missouri

10. ***Common Hackberry** – *Celtis occidentalis* “All Seasons Sugar” and “Prairie Pride”.
11. ***Bur Oak** – *Quercus macrocarpa*.
12. ***White Oak** – *Quercus alba*.
13. ***Overcup Oak** – *Quercus lyrata*.
14. ***Post Oak** – *Quercus stellate*.
15. **English Oak** – *Quercus robur*.
16. **Swamp White Oak** – *Quercus. Bicolor*.
17. **Cherrybark Oak** – *Quercus falcate var. pagodifolia*
18. **Southern Red Oak** – *Quercus falcate*.
19. **Shingle Oak** – *Quercus imbricaria*.
20. **Water Oak** – *Quercus nigra*.
21. **Black Walnut** – *Juglans nigra*.
22. **Catalpa** – *Catalpa*.
23. **Osage-Orange** – *Malclura pamifera* “Denmark”, “Derby”, “K-2”, “Smolan”, “Triple-O”, “What Cheer”, and “Altamont”.
24. **Silverbell** – *Halesia tetraptera*.
25. **Turkish Filbert** – *Corylus colurna*.
26. **Japanese Pagodatree** - *Sophora japonica*.
27. **Thornless Honeylocust** – *Gleditsia tricanthos var. inermis* “Imperial”, “Shademaster”, and “Skyline”.
28. **American Hophornbeam** – *Ostrya virginiana*.
29. **Black Cherry** – *Prunus serotine*.
30. **Yoshino Cherry** – *Prunus x yesoensis*.
31. **Tuliptree** – *Liriodendron tulipifera*.

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IV. TREES UNDESIRABLE FOR PLANTING IN THE CITY OF UNIVERSITY CITY

While many tree species are quite applicable and adaptable for most environments, the following variety of trees may not be appropriate for use within the City of University City. Primary reasons for discouraging the use of these undesirable tree species include:

- Root system.
- Soil type.
- Heat and/or cold tolerance.
- Drought tolerance.
- Weak branching habit, resulting in frequent release of fallen branches.
- Prone to damage by insects, diseases and nutrient deficiencies.
- Leaf scorch and mildew.
- Poor Transplantation.
- Invasiveness.

CONIFERS

1. **Austrian Pine** – *Pinus nigra*.
2. **Scotch Pine** – *Pinus Sylvestris*.

SMALL TREES & FLOWERING TREES (under 30' in height)

1. **Mimosa, Silktree, Silk-Tree Albizia**– *Albizia julibrissin*.
2. **Mountain Ash** - *Sorbus aucuparia*.
3. **Russian Olive** – *Elaeagnus angustifolia*.
4. **Callery Pear, Ornamental Pear, Bradford Pear** – *Pyrus calleryana* “Bradford”, “Aristocrat”, “Capital”, “Redspire” and “Cleveland Select”.
5. **Apple** – *Malus*.
6. **Crabapple** – *Malus x hybrids*.
7. **Mulberry** – *Morus*.
8. **Cherry – Plum** – *Prunus*.
9. **Mahaleb Cherry, Perfumed Cherry, St. Lucie Cherry** – *Prunus mahaleb*.

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10. **Pear** – *Pyrus Calleryana*.
11. **Purple-leaf Plum** – *Prunus cerasifera* “Newport”, and “Thundercloud”.
12. **Goldenrain Tree, Pride-of-India, China-Tree** – *Koelreutria paniculata*.
13. **Japanese Angelica Tree, Chinese Angelica Tree, Korean Angelica Tree** – *Aralia elata*.

MEDIUM TO LARGE TREES (30’ to over 60’ in height)

1. **European White Birch** – *Betula pendula*.
2. **Boxelder** – *Acer negundo*.
3. **Black Cherry** – *Prunus serotina*.
4. **Siberian Elm** – *Ulmus pumila*.
5. **Lacebark Elm, Chinese Elm** – *Ulmus parvifolia*
6. **Black Locust** – *Robinia pseudoacacia*.
7. ***Silver Maple** – *Acer saccharinum*.
8. **Red Maple** - *Acer rubrum* “Sunset”.
9. **Norway Maple** – *Acer platanoides* “Summershade”, “Emerald Queen” and “Cleveland”.
10. **Amur Maple** – *Acer tataricum subsp. Ginnala*.
11. **White Mulberry** – *Morus alba*.
12. **Red Mulberry** – *Morus rubra*.
13. **Osage-orange** – *Maclura pumifera* “Cannonball”.
14. ***Persimmon** – *Diospyros virginiana*.
15. **Silver Poplar, White Poplar, Silver-Leaf Poplar** – *Populus alba*.
16. **Eastern Cottonwood Poplar** – *Populus deltoids*.
17. **Lombardy Poplar** – *Populus nigra* “Italica”.
18. **Tree-of-Heaven, Ailanthus, Varnish-Tree, Copa-Tree** – *Ailanthus altissima*.
19. ***Green Ash** – *Fraxinus pennsylvanica*.

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20. **White Ash** – *Fraxinus Americana* “Autumn Applause”, “Autumn Purple”, Champaign County”, “Rosehill” and “Skyline”.
21. **Black Ash** – *Fraxinus nigra*.
22. **Blue Ash** – *Fraxinus quadrangulata*.
23. **Pumpkin Ash** – *Fraxinus profunda*.
24. **Chinese Chestnut** – *Castanea mollissima*.
25. **Horsechestnut** – *Aesculus*.
26. **Red Horse Chestnut** – *Aesculus carnea*.
27. **Washington Hawthorne** – *Crataegus phaenopyrum* “Winter King”.
28. ***Downy Hawthorne** – *Crataegus mollis*.
29. **Green Hawthorne** – *Crataegus viridis*.
30. **Ginko** – *Ginko biloba* “Maidenhair Tree” (Female).
31. **Honeylocust** – *Gleditsia triacanthos*.
32. ***Sweet Gum** – *Liquidambar styraciflua*.
33. ***Poplar; Cottonwood** – *Populus*.
34. **Sawtooth Oak** – *Quercus acutissima*.
35. ***Willow** – *Salix*.
36. **Zelkova** – *Zelkova sercata*.
37. **Japanese Zelkova** – *Zelkova serrata*.
38. **Amur Cork Tree** – *Phelladendum amurense*.

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