

Farmer, Chair
Stinnett, Vice Chair
Kay
Moloney
J. Brown
Gibbs
Evans
F. Brown
Mossotti
Hensley

A G E N D A
Environmental Quality & Public Works Committee
May 24, 2016
1:00 P.M.

- | | | |
|-----------|---|-----------------|
| 1. | Approval of Committee Summary | (1 - 6) |
| 2. | Pavement Management Plan (F. Brown) | (7) |
| 3. | Urban Forestry Management Plan (Gibbs) | (8 - 28) |
| 4. | Items Referred to Committee | (29) |

“Environmental quality and public works committee to which shall be referred matters relating to the department of environmental quality and its divisions, and any related partner agencies and the department of public works and its related divisions, including capital improvement projects and any related partner agencies.” Council Rules & Procedures, Section 2.102 (3) Effective January 1, 2015. Adopted by Urban County Council September 25, 2014

2016 Meeting Schedule

January 19 (1:30 p.m.)	August 23
February 16	September 20
April 19	October 18
May 24	November 15
June 21	



Environmental Quality & Public Works Committee

April 19, 2016

Summary and Motions

Chair Farmer called the meeting to order at 1:01 p.m. Committee Members Stinnett, Kay, J. Brown, Gibbs, Evans, F. Brown, Mossotti, and Hensley were present. Committee Member Moloney was absent. Council Members Akers, Lamb, Bledsoe and Henson were in attendance as non-voting members.

I. Approval of Committee Summary

A motion was made by Stinnett to approve the February 16, 2016 Environmental Quality and Public Works Committee Summary, seconded by Kay. The motion passed without dissent.

II. Neighborhood Traffic Management Program

Roger Mulvaney provided an update to previous questions from the Committee, and provided a summary of proposed process amendments. These amendments include: requiring residents or owners to sign initial petitions; changing the approval threshold for property owner petitions to 51 percent; and including an “at a glance” guide to provide a program summary.

In response to a question from Mossotti, Mulvaney reviewed the approval process and confirmed approval thresholds.

Kay asked for clarification regarding the changes proposed to the initial petition requirements, as well as property owner approval. Mulvaney responded that language would be further clarified. Andrea Brown with the Department of Law referred to the memorandum in the committee packet, and stated that Law advises against counting nonresponses as positive votes, as the outcome may result in assessed costs to property owners.

Evans stated that she is in favor of the proposed amendments, and asked for further clarification regarding nonresponses from owners. Andrea Brown stated that the process has historically required an affirmative vote from owners.

A motion was made by Evans to approve the proposed revisions and Resolution as presented, seconded by Mossotti. The motion passed without dissent.

III. Financial Performance of Materials Recycling Facility

Tracey Thurman, Director of Waste Management, reviewed proposed action items related to the operation of the Materials Recycling Facility (“MRF”), which include: increasing affiliate processing fees from \$35 per ton to \$50 per ton, increasing annual revenue by an estimated \$220,000; making no changes to the existing policy regarding accepting glass for recycling, but conducting a pilot program for additional plastic recycling; working with the Division of Purchasing as the “marketing manager” to develop a pilot program for commodity sales; and reviewing proposed capital improvements to the facility.

In response to a question from Farmer, Thurman confirmed that affiliates did not object to the proposed increase in affiliate processing fees.

Mossotti asked for clarification regarding processing fees for glass, and Thurman stated that the processing fees cover the cost of processing. Barry Prater, Manager of the Materials Recycling Facility, provided additional information regarding the costs and challenges associated with recycling glass.

Gibbs spoke in favor of increasing affiliate fees, and asked for clarification regarding the pilot program for additional plastic recycling. Prater responded that a number of plastic items that the MRF receives are not typically accepted for recycling; the pilot program will expand the types of plastics that are accepted.

Henson asked if removal of glass recycling would improve the financial position of the MRF, and asked how the recycled glass is reused. Thurman stated that significant public education would be required to remove glass from the recycling stream, and Prater stated that glass items would continue to be received if the program was discontinued, but would require disposal rather than recycling. He provided information regarding uses of recycled glass.

A motion was made by Gibbs to approve increasing affiliate processing fees from \$35 per ton to \$50 per ton as presented, seconded by Mossotti. The motion passed without dissent.

IV. Stormwater Improvement Plan – Project Efficiencies

Charles Martin, Director of the Division of Water Quality, reviewed the history of the stormwater priority list, and stated that the 2015 updated list includes over \$117 million in active, pending, or deferred projects. Martin explained that continuing to follow the project list in numeric order may create challenges in meeting the January 3, 2021 Consent Decree spending deadline. He recommended merging projects with defined common drainage points into a single project for efficiency, which essentially groups the project list according to watershed.

Kay stated his support for the proposal, and asked how the proposal will affect projects currently on the list. Martin stated that the commitment remains to address all projects that will mitigate stormwater issues.

There was discussion regarding water quality project priorities, and if the capacity exists to complete the Town Branch project concurrent with Consent Decree projects. In response to a question from Stinnett, Commissioner O'Mara explained the use of the Water Quality Fee and debt service for stormwater improvement projects. Stinnett stated that the priority should remain on completion of Consent Decree projects.

Evans stated the importance of addressing stormwater issues that affect residents but may not be mitigated by Consent Decree projects, and stated concern that the proposed process amendments may result in significant redirection of project priorities.

Bledsoe spoke in favor of the proposal, and stated that these changes will result in improved efficiencies.

Farmer stated concern that some of the identified neighborhood stormwater projects may need to be reevaluated to ensure that they are still providing the best solutions. Martin agreed, and provided examples of projects requiring reevaluation.

Kay asked if the Town Branch project removes resources necessary to move forward with other stormwater projects in the community. Martin stated that Water Quality is not managing that project, so capacity to complete other projects is unaffected.

There was additional discussion regarding the Water Quality fee and other funding mechanisms.

A motion was made by Kay to extend the time allocation for the presentation by five minutes, seconded by Mossotti. The motion passed without dissent.

A motion was made by Hensley to accept the recommendation to group Consent Decree projects by watershed to minimize risks and maximize the overall impact to a common watershed area, seconded by F. Brown. The motion passed 8-1 (aye: Farmer, Stinnett, J. Brown, Kay, Gibbs, F. Brown, Mossotti, Hensley; nay: Evans).

V. Division of Water Quality Projects Report

Martin reviewed the Water Quality projects report.

Stinnett requested that a list of projects supported by the Water Quality fee be provided during the next meeting.

VI. Items Referred to Committee

A motion was made by F. Brown to remove the Neighborhood Traffic Management Plan item from the list of committee referrals, seconded by Kay. The motion passed without dissent.

A motion was made by Stinnett to remove the Downtown Speed Limits item from the list of committee referrals, seconded by F. Brown. The motion passed without dissent.

A motion was made by Stinnett to remove the Municipal Separate Storm Sewer item from the list of committee referrals, seconded by Kay. The motion passed without dissent.

A motion was made by Kay to remove the Presentation Regarding the Financial Performance of the Materials Recycling Facility item from the list of committee referrals, seconded by Stinnett. The motion passed without dissent.

A motion was made by Stinnett to remove the Reduction of Speed Limit on Richmond Road item from the list of committee referrals, seconded by F. Brown. The motion passed without dissent.

A motion was made by Stinnett to remove the Stormwater Improvement Plan and Project Efficiencies item from the list of committee referrals, seconded by F. Brown. The motion passed without dissent.

A motion was made by Mossotti to remove Comprehensive Trails Plan from the list of committee referrals, seconded by Gibbs. The motion passed without dissent.

A motion was made by Stinnett to adjourn, seconded by F. Brown. The motion passed without dissent.

The meeting was adjourned at 2:40 p.m.

C.B. 5/4/2016

4-13-16 DRAFT

RESOLUTION NO. _____-2016

A RESOLUTION APPROVING AND ADOPTING AMENDMENTS TO THE NEIGHBORHOOD TRAFFIC MANAGEMENT PROGRAM (NTMP) TO INCLUDE TENANTS IN THE PETITION PROCESS FOR TYPE 2 TRAFFIC CALMING MEASURES, LOWER THE PERCENTAGE OF PROPERTY OWNERS REQUIRED TO PARTNER WITH THE URBAN COUNTY GOVERNMENT FOR THE IMPLEMENTATION OF TRAFFIC CALMING MEASURES TO FIFTY-ONE PERCENT (51%), ESTABLISH ADDITIONAL DEADLINES RELATED TO THE PETITION PROCESS, ESTABLISH A GENERAL ONE-YEAR MORATORIUM ON REQUESTS FOR REEXAMINATION OF LOCATIONS PREVIOUSLY STUDIED, CLARIFY COST-SHARING RESPONSIBILITIES, REPLACE SPEED HUMPS WITH SPEED TABLES, AND INCLUDE SPECIALTY SIGNS AND FLASHING BEACONS IN THE PROGRAM.

WHEREAS, growth in population and traffic volumes in Lexington-Fayette County have caused increases in congestion on major roadways; and

WHEREAS, increases in traffic on major roadways have resulted in greater use of local streets and residential neighborhoods; and

WHEREAS, in Resolution No. 164-2000, the Council of the Lexington-Fayette Urban County Government adopted the Neighborhood Traffic Management Program (NTMP), proposed by the Division of Traffic Engineering, to provide a process to identify and address neighborhood issues related to increased traffic volumes on local residential streets; and

WHEREAS, increased traffic on local and collector streets in residential areas may adversely affect the safety and livability of neighborhoods for all residents, including tenants and property owners.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE LEXINGTON- FAYETTE URBAN COUNTY GOVERNMENT:

Section 1 – That the recitals set forth in the Preamble of this Resolution are hereby incorporated by reference.

Section 2 – That the Council of the Lexington-Fayette Urban County Government hereby approves and adopts the amended Neighborhood Traffic Management Program (NTMP), which is attached hereto and incorporated by reference, to govern neighborhood quality of life issues related to speeding motorists, excessive traffic volumes and safety on local residential streets to expressly include tenants in the petition process for Type 2 traffic calming

measures, require an affirmative vote of fifty-one (51%) percent of property owners in the defined petition area for the implementation of Type 2 traffic calming measures, establish additional deadlines related to the petition process, establish a general one-year moratorium on requests for reexamination of locations previously studied, clarify cost-sharing responsibilities, replace speed humps with speed tables, and include specialty signs and flashing beacons in the Program.

Section 3 - That this Resolution shall become effective on the date of its passage.

PASSED URBAN COUNTY COUNCIL:

MAYOR

ATTEST:

CLERK OF URBAN COUNTY COUNCIL

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Lexington-Fayette Urban County Council

TO: Environmental Quality & Public Works Committee Members

FROM: Bill Farmer, Jr.
Committee Chair

DATE: May 19, 2016

Council Member Fred Brown is chairing a subcommittee tasked with developing a multi-year pavement management plan for Lexington. The subcommittee began meeting in January, and while its work is nearing completion, it will not be ready to move forward for the May 24, 2016 Environmental Quality & Public Works Committee meeting.

This item will be considered by the Committee during the June 21, 2016 regular meeting. I am providing the following recommended report out schedule for the Committee's consideration, which will allow the item to report out to the Council prior to summer break.

Subcommittee Expedited Report Out & Possible Adoption Schedule

June 21, 2016.....Environmental Quality & Public Works Committee Meeting
 June 28, 2016.....Work Session (report out)
 July 5, 2016.....Council Meeting (potential 1st reading)
 July 7, 2016.....Council Meeting (potential 2nd reading)

If, after reviewing this memo you have any questions, comments or need clarification, please don't hesitate to contact me.

URBAN FORESTRY MANAGEMENT PLAN UPDATE

Environmental Quality and Public Works Committee

May 24, 2016



LEXINGTON

Topics

- History
- Plan Development Process
- Plan Mission
- Plan Implementation Goals
 - Building a Strong Foundation
 - Preserving and Expanding the Urban Tree Canopy
- Next Steps
- Questions

History

- 1931
 - First Comprehensive Plan has chapter on street tree planting
- 1960s
 - Lexington's Urban Tree Canopy was < 4%
- 1980s
 - Lexington celebrates first Arbor Day in 1984
 - Lexington Urban Forestry Management Report
 - First arborist hired
 - Lexington participates in Tree City USA
- 1990s
 - Street Tree Ordinance adopted
 - Tree Board established
 - First Urban Forester hired
- 2000s
 - Tree Protection Ordinance
- 2010s
 - Urban Forestry Mgmt. Plan listed in 2013 Comprehensive Plan for development
 - Urban Tree Canopy Assessment and Preferred Planting Areas map
 - Expansion of Urban Forestry Program within Div. of Environmental Services
 - Council Committee on Urban Tree Canopy established in 2015

History

2013 Comprehensive Plan Implementation – Chapter 8

- **Develop a Comprehensive Urban Forestry Management Plan**

“Develop plan to provide strategies for reaching tree canopy coverage goals and for the management of public trees. Include inventory of street trees and trees required by regulations, criteria for evaluating woodlands, and whether ancient trees should be treated similarly to significant trees.”

- **Supports Plan Goals:**

- ✓ Promote, maintain, and expand the urban forest in existing neighborhoods
- ✓ Reduce Lexington-Fayette County’s carbon footprint
- ✓ Support the funding, planning, and management of a green infrastructure program
- ✓ Work to achieve and effective and comprehensive transportation system

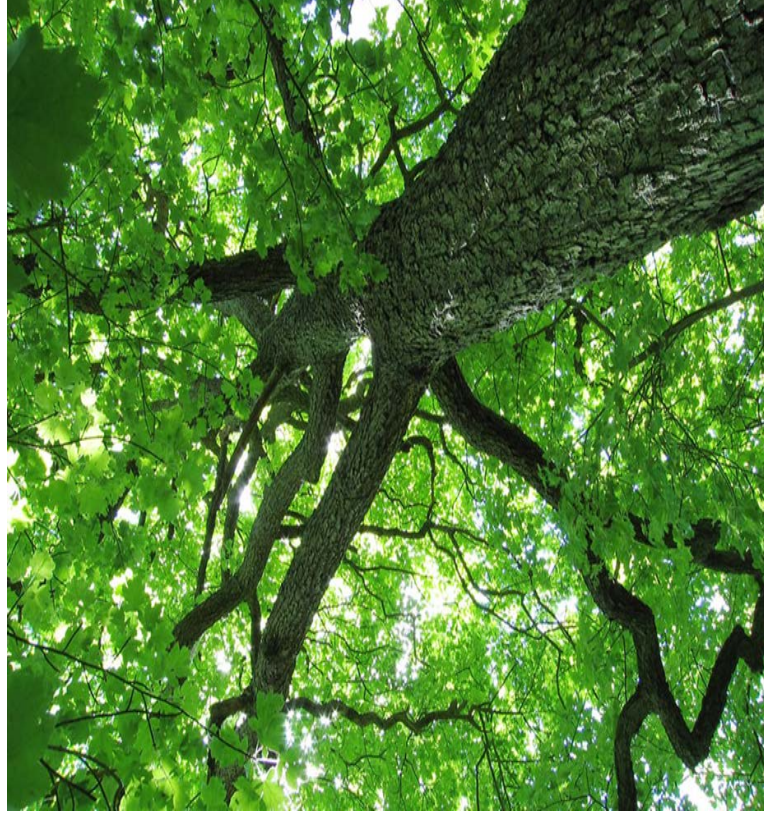
Plan Development Process

- Environmental Services lead division
- Stakeholder Involvement (Tree Board, Urban Tree Canopy Committee of the Council)
- 2018 Comprehensive Plan
 - Work with Planning Commission to formally recognize and incorporate into the 2018 Comprehensive Plan

Plan Mission

Achieving a Sustainable Urban Forest in Lexington-Fayette County

The U.S. Forest Service defines an urban forest as “all publicly and privately owned trees within an urban area – including individual trees along streets and in backyards, as well as stands of remnant forest.”



Plan Implementation Goals

Achieving a Sustainable Urban Forest in Lexington-Fayette County

1. Resources Management and Development
2. Collection and Management of Tree Inventory Data
3. Stewardship of Publicly-Owned Trees
4. Ordinances and Tree Protection Measures
5. Public Education and Engagement
6. Preserving Existing Tree Canopy
7. Expanding Urban Tree Canopy

Plan Implementation Goals

Achieving a Sustainable Urban Forest in Lexington-Fayette County

YEARS 2016-2020 “Building a Strong Foundation”

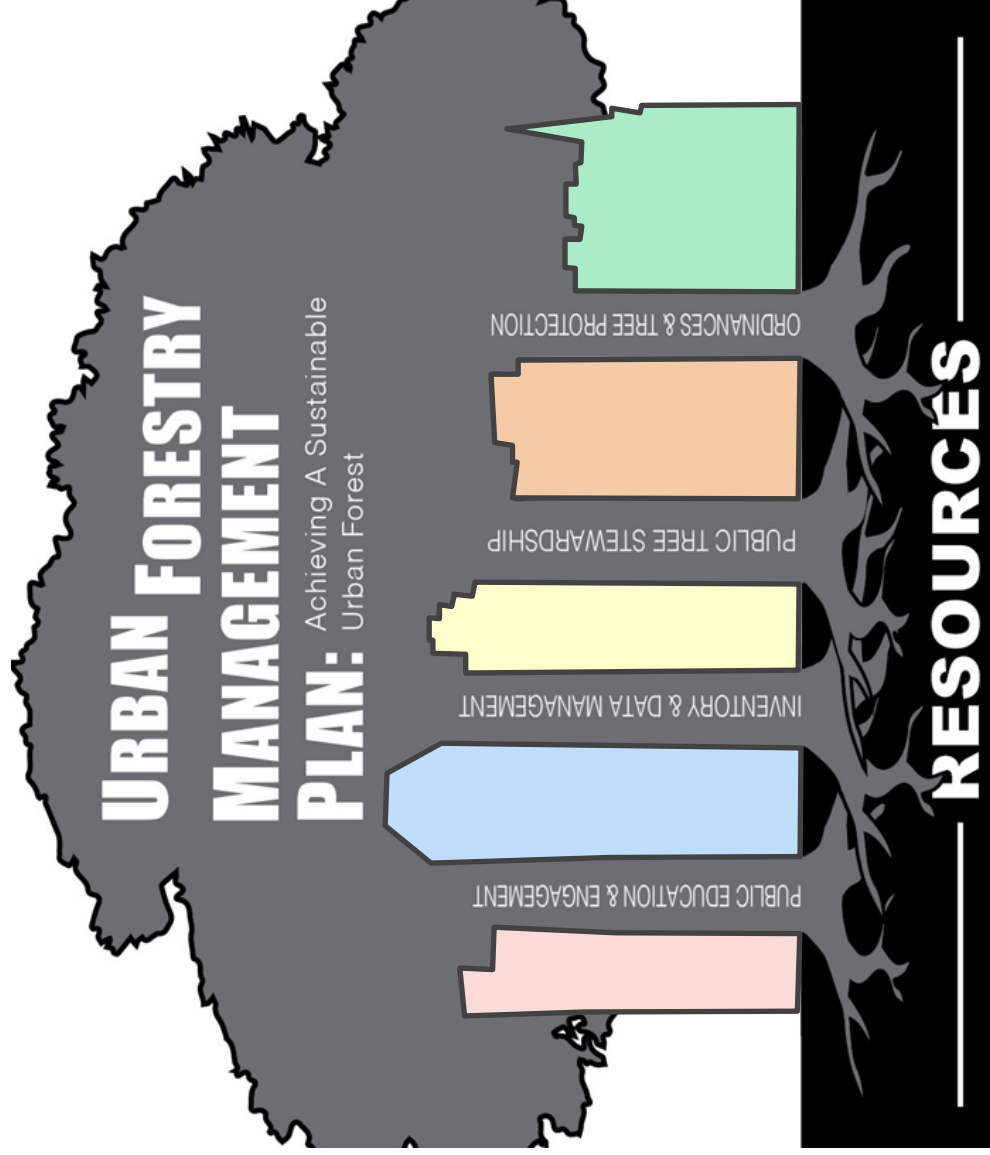
1. Resources Management and Development
2. Collection and Management of Tree Inventory Data
3. Stewardship of Publicly-Owned Trees
4. Ordinances and Tree Protection Measures
5. Public Education and Engagement

YEARS 2020-2040 “Preserving and Expanding”

6. Preserving Existing Tree Canopy
7. Expanding Urban Tree Canopy

Plan Implementation Goals

Achieving a Sustainable Urban Forest in Lexington-Fayette County



Plan Implementation Goals

Building a Strong Foundation 2016-2020

1. Resources Management and Development

- Efficiently manage existing resources
- Identify additional resource needs
- Pursue grant funding and donations
- Encourage private sector activities

✓ Recent Accomplishments:

- Significant expansion in public investments and focus
- Move toward program consolidation

Plan Implementation Goals

Building a Strong Foundation 2016-2020

2. Collection and Management of Tree Inventory Data

- Inventory public trees and street trees
- Track work completed on public trees
- Identify and recognize landmark and heritage trees

✓ Recent Accomplishments:

- Completed Urban Tree Canopy Assessment in 2014
- Proactively looking for hazardous street trees

Plan Implementation Goals

Building a Strong Foundation 2016-2020

3. Stewardship of Publicly-owned Trees

- Public safety focus: dead, diseased, and encroaching trees
- City crew tree care procedures
- Contract specifications and on-site inspections
- Internal coordination for tree protection on city projects
- Improve coordination and consistency across city divisions

Plan Implementation Goals

Building a Strong Foundation 2016-2020

3. Stewardship of Publicly-Owned Trees

✓ Recent Accomplishments:

- Mulching and pruning over 2,000 median trees
- Mowing contractors avoid trees
- Proactive pruning and removals on corridors through Corridors Commission funding
- Proactive pruning and removals on county roads
- Improved contract specifications for tree planting
- Improved internal coordination on tree protection during construction

Plan Implementation Goals

Building a Strong Foundation 2016-2020

3. Stewardship of Publicly-Owned Trees



Plan Implementation Goals

Building a Strong Foundation 2016-2020

4. Ordinances & Tree Protection Measures

- Public safety focus: dead, diseased, and encroaching trees
- Review and improve ordinances and Planting Manual
- Reach full compliance on street tree removals and replacements
- Reach full compliance on street tree pruning for clearance

✓ Recent Accomplishments:

- Street tree cost share program has addressed 300 hazardous trees in last 2 years
- Proactive clearance pruning of street trees when required
- LFUCG Planting Manual recently updated. Digital version being created for easy web access

Plan Implementation Goals

Building a Strong Foundation 2016-2020

5. Public Education and Engagement

- Collaborate with partners (e.g. University of Kentucky Urban Forestry Initiative, Council Committee, Tree Board, neighborhoods, non-profits)
- Increase public participation and education efforts

✓ Recent Accomplishments:

- Public workshops on the Urban Tree Canopy Assessment
- Interactive “tree canopy report cards” on website

Plan Implementation Goals

Preserving and Expanding the Urban Tree Canopy 2020-2040

6. Preserving the Existing Tree Canopy

- Evaluate and improve ordinance compliance for tree protection, canopy coverage, and commercial landscaping
- Monitor and treat public trees for pests and diseases
- Implement public education campaign on tree management
- Remove hazards and invasive species around public trees

Plan Implementation Goals

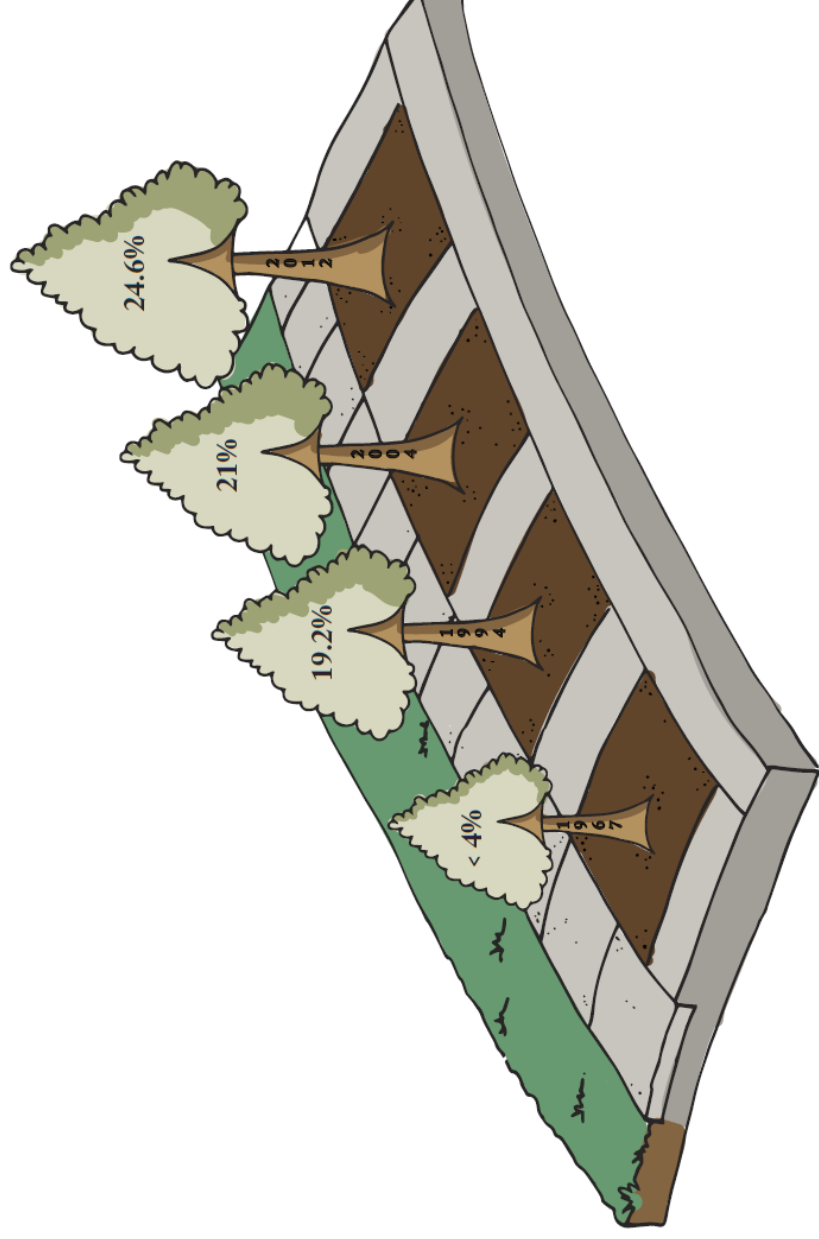
Preserving and Expanding the Urban Tree Canopy 2020-2040

7. Expanding the Urban Tree Canopy

- Focus on preferred planting areas map
 - City leads planting effort on publicly owned properties
 - Encourage and support private sector and residential planting projects
- Help build the network of professionals and citizen groups committed to the urban forest

Plan Implementation Goals

Preserving and Expanding the Urban Tree Canopy 2020-2040



Planting 22,500 trees a year for 20 years would bring Lexington up to 40% urban tree canopy.

Next Steps...

- Urban Forestry Management Plan – Framework Document distributed in summer 2016
- Continue stakeholder involvement through the Tree Board and the Urban Tree Canopy Committee of the Council
- Investigate Council District specific opportunities and goals
- Complete the full Urban Forestry Management Plan
- Incorporate the plan goals into the 2018 Comprehensive Plan

Questions?



Environmental Quality & Public Works Committee Referrals

Committee Item	Referred By	Date	Status	File ID
Waste Management Funding Options	Stinnett	5/13/2011	Waste Management Task Force	
Empower Lexington Plan	Kay	3/20/2012	Annual Update --- June/August 2016	
Urban Forestry Management Plan	Gibbs	1/28/2014	May 2016	0604-16
Tree Protection Language in RFPs / Tree Protection Planning	Gibbs	6/16/2015	August 2016	
Retention/Detention Maintenance & Enforcement	Mossotti/Scutchfield	10/14/2014 and 8/12/2015	January 2016	12-16
Private Streets: Enforcement, Maintenance & Specifications	Mossotti	11/29/2013	1st quarter 2016	
Review & Update Snow & Ice Control Plan / Annual Update	Stinnett / Brown	2/24/2015	May 2015; Aug. 2015; Oct. 2015; Nov. 2015	1025-15
Fiber Optic Technology	Farmer	5/6/2014	Sept 2014; January 2016	11-16
Pavement Management	Farmer	2/12/2015	February 2015; September 2015; November 2015	0220-15
Keep Lexington Beautiful Annual Report	Henson	3/10/2015	Annual Update --- February 2016	
Sidewalks -- Priority List & Funding	Stinnett	6/2/2015	October 2015	1303-15
Street trees	Stinnett	6/16/2015	date uncertain	
Curbs	Gibbs	7/7/2015	date uncertain	
Maintenance of bike trails and sidewalks	Moloney	8/18/2015	November 2015	1054-15
Five to Ten Year Pavement Management Plan	F. Brown	10/27/2015	Subcommittee ; June 2016	0605-16

CLB 2015-05-19