



Bloomington Tree Commission
Minutes of the meeting, 27 June 2022

PRESENT: Stephanie Freeman-Day (PhD Student, SPEA); Erin Hatch (COB Urban Forester); Jeff Palmer (Professor Emeritus, Biology, IUB); Mary Welz (Sycamore Land Trust Education Director, MC-IRIS Board Member); Dedaimia Whitney (Bloomington Environmental Commission, Certified Tree Steward, Master Gardener); Mia Williams (landscape architect, Indiana University).

ABSENT: Laurel Cornell (chair, Professor Emeritus of Sociology and Studio Art).

GUEST: Tim Street (Operations Director, Parks Dept); Patrick Dierkes (City of Bloomington Engineering).

CONSENT AGENDA

- Minutes of May meeting approved.
- The next meeting of the Tree Commission will be 10:00 a.m. Monday, 18 July 18 2022, Switchyard Park.

DISCUSSIONS and PRESENTATIONS

Hopewell Development (old hospital lot). Tim and Patrick presented the tree removal/planting plans for the old hospital lot, which totals 24 acres. The overall site demo is coming up soon. Twenty trees need to be removed, but Erin commented that many of them are in poor health and removing them might be a benefit; 108 trees will be replanted, following a replacement ratio of 1 tree: 3" DBH removed. The city's first Silva cell will be included as part of the project. Silva cells include using permeable pavers, so there will be drainage on the site. Jeff suggested that the city experiment with a control set of identical trees planted in the conventional manner to find out how effective the Silva cell will be. They are very costly, about 253 cu yards of soil cells at an estimated \$107,000 each. IU has not used them yet, but Mia says they are very interested.

Jeff questioned the number of maples on the plant list, since Bloomington is currently overplanted with maples. The TC recommended more diversity in the species: tulip trees and hackberries. Dedaimia asked about evergreens; Erin responded that evergreens are suffering a decline and might not do well. Mary suggested cucumber magnolia. Jeff and Erin talked about the pros and cons of planting London planes instead of sycamores.

REPORTS

Urban Forester's Report (see attached) [Erin Hatch]. Canopy Bloomington has been working in Switchyard Park alongside city crews, mulching and pruning. Erin announced that she will be leaving her position immediately to follow her partner to Colorado. Dedaimia and Sarah Mincey have offered to serve on the hiring committee. The Parks Board has been asked to approve George Hegeman to the TC at their meeting tomorrow.

Trees at Indiana University [Mia]. Mia presented the woodland campus initiative (VPCPF web site) to the board of trustees, which was well-received. IU hired a new arborist, Ashton Phelps, last week. She has a large-tree removal contract out to remove three large trees, one killed by a construction project.

Environmental Commission [Dedaimia]. Dedaimia described the Southern Indiana Sentinel Landscape

OLD BUSINESS

Changes to the bylaws. Erin said that the bylaw changes have not yet been reviewed by the Legal Department.

NEW BUSINESS

Tree Care Manual. Send changes to Julie Ramey and Tim Street. The manual needs to have updated goals for the next five-year plan; we also need to reconcile the species lists in the UDO and the TC manual. Erin has applied for an intern in 2023 to make an exhaustive species list for construction projects. Erin encouraged the TC to look at “big picture” items. The goal is to have a final version by the end of the summer. Dedaimia said that a change to the UDO will be required to have the official species list reside in the manual rather than the UDO.

Respectfully submitted,

Dedaimia Whitney

Urban Forester Report

June 2022

Recent Activities/Events:

- Tree Planting:
 - 7-line replacement plantings
- Kick-off meeting with Urban Canopy Works, LLC for Urban Forestry Storm Response Plan creation
- CanopyBloomington Youth Tree Tenders program started in Switchyard park, 4 teens employed for duration of summer and have been conducting mulching, watering, and basic training pruning
- Lower Cascades Stream Stabilization project: replacement trees have been planted, with more in the fall due to species availability (hickory and maple species still needing to be planted)
- Urban Forestry staff and equipment were present at recent Touch-A-Truck events

Upcoming Activities/Events:

- Goat Farm Tree hazard mitigation
- Hearthstone root correction and pruning

Hopewell – Hospital Redevelopment Site
Tree Commission Information 6/27/22

Demolition:

Total trees being removed in the ROW: 20. Total DBH of removed trees = 206.5". At 1 replacement tree per 3" of DBH lost, this would call for 69 trees to be replanted. 106 new trees will be planted as part of the redesign of the space.

Design of Greenway & Replanting Information:



The above rendering does not show all new street trees being planted, just those along the greenway street.

Species schedule:

PLANT SCHEDULE

	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS
DECIDUOUS TREES							
ACE C	11	Acer x freemanii 'Celtzam'	Celebration Freeman Maple	B & B	2.0" Cal		
ACE M	2	Acer x freemanii 'Marmo'	Marmo Freeman Maple	B & B	2.0" Cal		Min. 7ft lower branch height
CLA K	1	Cladrastis kentuckea	American Yellowwood	B & B	2.0" Cal		Min. 7ft lower branch height
LRT	4	Liriodendron tulipifera 'JFS-Oz'	Emerald City Tulip Poplar	B & B	2.0" Cal		
NYS S	4	Nyssa sylvatica 'NSUHH'	Green Gable Tupelo	#25	1.5" Cal		
PLA M	10	Platanus x acerifolia 'Morton Circle'	Exclamation! London Plane Tree	B & B	2.0" Cal		
QUE M	3	Quercus macrocarpa	Burr Oak	B & B	2.0" Cal		
TAX D	4	Taxodium distichum 'JFS-SGPN'	Green Whisper Bald Cypress	B & B	2.0" Cal		
ULM P	5	Ulmus americana 'Lewis & Clark'	Prairie Expedition American Elm	B & B	3.0" Cal		
ORNAMENTAL TREES							
AME M	11	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	B & B	8" H		Multi-stem, min. 3 trunks
AME S	2	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	B & B	2.0" Cal		
CER M	6	Cercis canadensis	Eastern Redbud Multi-trunk	B & B	8" H		Multi-stem, min. 3 trunks
STREET TREE							
ACE F	9	Acer saccharum 'Balista'	F&F Fiesta Sugar Maple	B & B	2.0" Cal		
CAR C	3	Carpinus caroliniana	American Hornbeam	B & B	2.0" Cal		
GLE T	11	Gleditsia triacanthos inermis 'Draves'	Street Keeper Honey Locust	B & B	2.0" Cal		
GLE S	3	Gleditsia triacanthos inermis 'Skycoole'	Skyline Honey Locust	B & B	2.0" Cal		
GYM D	3	Gymnocladus dioica 'Espresso'	Kentucky Coffeetree	B & B	2.0" Cal		Min. 7ft lower branch height
QUE B	8	Quercus bicolor	Swamp White Oak	B & B	2.0" Cal		
QUE P	8	Quercus palustris 'PWJR08'	Pacific Brilliance Pin Oak	B & B	2.5" Cal		

Feedback already given about this list includes avoiding Pin Oaks in favor of other native Oak species and halving the amount of Honeylocust plantings (potentially for additional Coffeetree, Linden, or other suggested species). The central "grove" feature will feature London Planes planted in SilvaCells or other similar soil cells.

Total trees being replanted: 106.