

1. Call Meeting To Order

2. Roll Call

3. Public Participation

This is an opportunity for the public to provide public comment to the Presiding Officer. Those wishing to speak are required to sign in prior to commencement of the meeting and must address Council from the seat and table provided. The public comments must comply with Ordinance 2014-02 and be limited to 5 minutes or less

4. Approval Of Meeting Minutes

(if applicable)

5. New Business

5.A. Recommendation On Updated Recommended Tree List - Motion Only

City Staff recommends updating the list in the municipal code for recommended trees to plant in the community.

Documents:

[PZB MEMORANDUM \(RECOMMENDED TREE LIST\).PDF](#)

5.B. Discussion On Building Codes

City Staff would like to report the proposed Building Code updates to the Planning & Zoning Board.

6. Meeting Adjourned



**PLANNING & ZONING
BOARD MEETING
MEMORANDUM**

ITEM: Discussion on City of Monticello Recommended Tree List	DEPARTMENT: City Administration
AGENDA SECTION: New Business	SUBMITTED BY: Eliot Thompson, Community Development Intern
ATTACHMENTS: () ORDINANCE () RESOLUTION (X) OTHER SUPPORTING DOCUMENTS	DATE: October 17, 2016

BACKGROUND:

The City of Monticello’s charm and character are largely based on its tree lined streets. Historically, hackberry and elm trees had been planted along the City streets in the downtown area. Many of these older trees are now approaching the end of their typical lifespan. In addition, the infestation of emerald ash borers has necessitated the removal of a number of ash trees. The loss of so many trees warrants the replanting of new street trees throughout the community.

The municipal code currently prohibits the planting of American elm, Chinese elm, American plane tree, box elder (female), common horse chestnut, ginkgo (female), poplar, and willow trees. The planting of Chinese elm, willow, and poplar trees in public streets, parkways, or other public places are also specifically prohibited. While there is a list of prohibited trees, the City has not adopted an official recommended street tree list. There is a need to provide guidance for anyone wanting to plant street-side trees.

To resolve this issue, City staff proceeded to prepare a list of recommended trees for streets and other public places. The methodology for developing the list has involved composing a list of approved trees from various communities throughout the state and comparing those trees to recommended street trees from the Morton Arboretum and the Missouri Botanical Garden for the local hardiness zone (zone 5). Additionally, trees were selected based on their disease resistance, salt tolerance, size, and regional availability.

RECOMMENDED ACTION:

It is recommended that the Planning & Zoning Board discuss and make a recommendation to City Council. (A copy of the draft Recommended Tree List is attached for Planning and Zoning Board Review)

CITY OF MONTICELLO
RECOMMENDED TREE LIST
Motto: "Right Tree, Right Place"

Large Street Trees

Common Tree Name	Botanical Name	Tree Size
Miyabe maple	<i>Acer miyabei</i>	Large tree (more than 40 feet)
Black maple	<i>Acer nigrum</i>	Large tree (more than 40 feet)
Red maple	<i>Acer rubrum</i>	Large tree (more than 40 feet)
Sugar maple	<i>Acer saccharum</i>	Large tree (more than 40 feet)
Seaside alder	<i>Alnus maritima</i>	Large tree (more than 40 feet)
Whitespire senior gray birch	<i>Betula populifolia</i>	Large tree (more than 40 feet)
European hornbeam	<i>Carpinus betulus</i>	Large tree (more than 40 feet)
Bitternut hickory	<i>Carya cordiformis</i>	Large tree (more than 40 feet)
Southern catalpa	<i>Catalpa bignonioides</i>	Large tree (more than 40 feet)
Hackberry	<i>Celtis occidentalis</i>	Large tree (more than 40 feet)
Katsura	<i>Cercidiphyllum japonicum</i>	Large tree (more than 40 feet)
Turkish filbert	<i>Corylus colurna</i>	Large tree (more than 40 feet)
Green hawthorn	<i>Crataegus viridis</i>	Large tree (more than 40 feet)
Hardy rubber tree	<i>Eucommia ulmoides</i>	Large tree (more than 40 feet)
European beech	<i>Fagus sylvatica</i>	Large tree (more than 40 feet)
Ginkgo (male)	<i>Ginkgo biloba</i>	Large tree (more than 40 feet)
Thornless honey-locust	<i>Gleditsia triacanthos</i>	Large tree (more than 40 feet)
Kentucky coffeetree	<i>Gymnocladus dioica</i>	Large tree (more than 40 feet)
European larch	<i>Larix decidua</i>	Large tree (more than 40 feet)
Japanese larch	<i>Larix kaempferi</i>	Large tree (more than 40 feet)
Tuliptree	<i>Liriodendron tulipifera</i>	Large tree (more than 40 feet)
Dawn redwood	<i>Metasequoia</i>	Large tree (more than 40 feet)
Black tupelo	<i>Nyssa sylvatica</i>	Large tree (more than 40 feet)
Ironwood	<i>Ostrya virginiana</i>	Large tree (more than 40 feet)
London planetree	<i>Platanus × acerifolia</i>	Large tree (more than 40 feet)
White oak	<i>Quercus alba</i>	Large tree (more than 40 feet)
Swamp white oak	<i>Quercus bicolor</i>	Large tree (more than 40 feet)
Scarlet Oak	<i>Quercus coccinea</i>	Large tree (more than 40 feet)
Shingle oak	<i>Quercus imbricaria</i>	Large tree (more than 40 feet)
Bur oak	<i>Quercus macrocarpa</i>	Large tree (more than 40 feet)
Chinkapin oak	<i>Quercus muehlenbergii</i>	Large tree (more than 40 feet)
Chestnut oak	<i>Quercus prinus</i>	Large tree (more than 40 feet)
English oak	<i>Quercus robur</i>	Large tree (more than 40 feet)
Red oak	<i>Quercus rubra</i>	Large tree (more than 40 feet)
Shumard's oak	<i>Quercus shumardii</i>	Large tree (more than 40 feet)
Nuttal oak	<i>Quercus texana</i>	Large tree (more than 40 feet)
Japanese pagoda tree	<i>Styphnolobium japonicum</i>	Large tree (more than 40 feet)
Baldcypress	<i>Taxodium distichum</i>	Large tree (more than 40 feet)
Crimean linden	<i>Tilia × euchlora</i>	Large tree (more than 40 feet)
Littleleaf linden	<i>Tilia cordata</i>	Large tree (more than 40 feet)
Silver linden	<i>Tilia tomentosa</i>	Large tree (more than 40 feet)
Zelkova	<i>Zelkova serrata</i>	Large tree (more than 40 feet)

Medium Street Trees

Common Tree Name	Botanical Name	Tree Size
Trident maple	<i>Acer buergerianum</i>	Medium tree (25-40 feet)
Paperbark maple	<i>Acer griseum</i>	Medium tree (25-40 feet)
Three-flowered maple	<i>Acer triflorum</i>	Medium tree (25-40 feet)
Eastern redbud	<i>Cercis canadensis</i>	Medium tree (25-40 feet)
American yellowwood	<i>Cladrastis kentukea</i>	Medium tree (25-40 feet)
American smoke tree	<i>Cotinus obovatus</i>	Medium tree (25-40 feet)
Thornless cockspur hawthorn	<i>Crataegus crus-galli</i> var. <i>inermis</i>	Medium tree (25-40 feet)
Persimmon	<i>Diospyros virginiana</i>	Medium tree (25-40 feet)
American beech	<i>Fagus grandifolia</i>	Medium tree (25-40 feet)
Carolina silverbell	<i>Halesia carolina</i>	Medium tree (25-40 feet)
Eastern red cedar	<i>Juniperus virginiana</i>	Medium tree (25-40 feet)
Loebner magnolia	<i>Magnolia × loebneri</i>	Medium tree (25-40 feet)
Saucer magnolia	<i>Magnolia × soulangeana</i>	Medium tree (25-40 feet)
Sassafras	<i>Sassafras albidum</i>	Medium tree (25-40 feet)
Japanese yew	<i>Taxus cuspidata</i>	Medium tree (25-40 feet)
American linden	<i>Tilia americana</i>	Medium tree (25-40 feet)

Small Street Trees

Common Tree Name	Botanical Name	Tree Size
Purpleblow maple	<i>Acer truncatum</i>	Small tree (15-25 feet)
Speckled alder	<i>Alnus incana</i>	Small tree (15-25 feet)
Downy Serviceberry	<i>Amelanchier arborea</i>	Small tree (15-25 feet)
Shadblow Serviceberry	<i>Amelanchier canadensis</i>	Small tree (15-25 feet)
Allegheny serviceberry	<i>Amelanchier laevis</i>	Small tree (15-25 feet)
Apple serviceberry	<i>Amelanchier x grandiflora</i>	Small tree (15-25 feet)
American hornbeam	<i>Carpinus caroliniana</i>	Small tree (15-25 feet)
Common witch-hazel	<i>Hamamelis virginiana</i>	Small tree (15-25 feet)
Cucumbertree magnolia	<i>Magnolia acuminata</i>	Small tree (15-25 feet)
Star magnolia	<i>Magnolia stellata</i>	Small tree (15-25 feet)
Sweetbay magnolia	<i>Magnolia virginiana</i>	Small tree (15-25 feet)
Adams crabapple	<i>Malus</i>	Small tree (15-25 feet)
Adirondack crabapple	<i>Malus</i>	Small tree (15-25 feet)
Beverly crabapple	<i>Malus</i>	Small tree (15-25 feet)
Centurion crabapple	<i>Malus</i>	Small tree (15-25 feet)
Coralburst crabapple	<i>Malus</i>	Small tree (15-25 feet)
Dolgo crabapple	<i>Malus</i>	Small tree (15-25 feet)
Lancelot crabapple	<i>Malus</i>	Small tree (15-25 feet)
Prairifire crabapple	<i>Malus</i>	Small tree (15-25 feet)
Professor Sprenger crabapple	<i>Malus</i>	Small tree (15-25 feet)
Tina crabapple	<i>Malus</i>	Small tree (15-25 feet)

Park/Public Spaces

All of the above trees and the following:

Common Tree Name	Botanical Name	Tree Size
Pawpaw	<i>Asimina triloba</i>	Small tree (15-25 feet)
Wafer-ash	<i>Ptelea trifoliata</i>	Small tree (15-25 feet)
Nannyberry	<i>Viburnum lentago</i>	Small tree (15-25 feet)
River birch	<i>Betula nigra</i>	Medium tree (25-40 feet)
Yellow birch	<i>Betula alleghaniensis</i>	Large tree (more than 40 feet)
Shellbark hickory	<i>Carya laciniosa</i>	Large tree (more than 40 feet)
Shagbark hickory	<i>Carya ovata</i>	Large tree (more than 40 feet)
Mockernut hickory	<i>Carya tomentosa</i>	Large tree (more than 40 feet)
American holly	<i>Ilex opaca</i>	Large tree (more than 40 feet)
Tamarack	<i>Larix laricina</i>	Large tree (more than 40 feet)
Jack pine	<i>Pinus banksiana</i>	Large tree (more than 40 feet)
Eastern white pine	<i>Pinus strobus</i>	Large tree (more than 40 feet)
Sycamore	<i>Platanus occidentalis</i>	Large tree (more than 40 feet)
Eastern arborvitae	<i>Thuja occidentalis</i>	Large tree (more than 40 feet)