

TABLE OF CONTENTS

KEY FOR ABBREVIATIONS AND SYMBOLS 2

PLANTS FOR SPECIFIC APPLICATIONS 3

 Street Trees 3

 Shade Trees 5

 Plantings within Distance of Overhead Utilities 5

 Plantings within Distance of Water Lines 6

 Plantings Used for Screening 7

TREES 8

 Large Trees (Over 50’ Tall) 8

 Medium Trees (25’ to 50’ Tall) 9

 Small Trees (10’ to 25’ tall) 10

SHRUBS 11

 Large Shrubs (10’ to 25’ tall) 11

 Medium Shrubs (6’ to 10’ tall) 12

 Small Shrubs (4’ to 5’ tall) 12

 Low Shrubs (2’ to 3’ tall) 13

OTHER PLANTS 15

 Groundcovers 15

 Perennials 16

 Bulbs 17

 Roses 18

 Ornamental Grasses 18

APPENDIX 19

 General Notes 19

 Crabapple and Pear Species 19

 Proposing Alternative Plant Selections 20

 Modifications to This Document 20

KEY FOR ABBREVIATIONS AND SYMBOLS

Type

- A** Annual (plant that dies completely in the winter and must be replanted each year)
- D** Deciduous (loses leaves in the winter)
- E** Evergreen (retains leaves year-round)
- HP** Herbaceous Perennial (a winter-hardy perennial that comes back from root stock)
- P** Perennial (plant that dies back in the winter but comes back in the spring)
- SE** Semi-evergreen (retains some foliage well into winter)

Water Usage

- L** Low water usage (occasional watering) after 3-year establishment period.
- M** Medium water usage (regular watering) after 3-year establishment period.
- H** Continued high water usage (required regular watering) after 3-year establishment period.

Exposure

- Sun (6 or more hours of sun per day)
- ◐** Partial Shade (less than 6 hours of sun per day)
- Shade (2 or less hours of sun per day)

Growth

- R** Rapid
- M** Moderate
- S** Slow

PLANTS FOR SPECIFIC APPLICATIONS

Street Trees

Considerations for Selecting Street Trees

Street tree species should be selected with careful consideration of site conditions such as compacted soils, drought, moisture, and pollution. Conflicts with overhead and underground utilities often limit the types of trees suitable for planting. Consideration should be given to the activity that will occur beneath the tree's canopy. For example, if heavy pedestrian or bicycle activity on sidewalks is expected, trees producing fruits (like acorns) should be avoided. If garbage or other service trucks will be accessing the street edge, low branches may be sheared, so trees with high canopies should be selected.

Placement of Street Trees

Street trees should be planted according to the following minimum clearances:

- 15 feet from a fire hydrant
- 3 feet from an above-ground traffic control box
- 2½ feet back from the face of the curb
- 5 feet from underground utility lines
- 10 feet from overhead utility lines and power poles (15 feet recommended)
- 7½ feet from driveways (10 feet recommended)
- 20 feet from street lights
- 30 feet from street intersections

Application Types

Certain tree species may not perform well as street trees in all environments. Therefore, it is necessary to select the appropriate application type, as listed according to the legend below:

- W** Wide Tree Lawn / Pit (continuous planting strip 6' or wider / soil depth of 3' or more)
- N** Narrow Tree Lawn / Pit (continuous planting strip 4' to 6' wide / soil depth of 3' or more)
- NP** Narrow Tree Lawn / Pit with Pruning Required (same dimensions as above, but due to low branching habits, these trees require additional pruning to allow for adequate visibility and pedestrian clearance)
- TW** Tree Well with Structural Soil (minimum tree well of 4' x 4' with structural soil a depth of 3' or more)

Street Tree Species

Scientific Name / Cultivar	Common Name	Application Types	Minimum Spacing	Considerations / Notes
<i>Acer campestre</i>	Hedge Maple	W, NP, TW	20'	
<i>Acer saccharum</i> 'Caddo'	Caddo Maple	W	40'	
<i>Acer truncatum</i>	Shantung Maple	W, NP	20'	
<i>Betula nigra</i>	River Birch	W, N	20'	
<i>Cedrus atlantica</i>	Atlas Cedar	W, TW	30'	'Glauca' is blue variety
<i>Cedrus deodara</i>	Deodar Cedar	W	20'	
<i>Celtis occidentalis</i>	Common Hackberry	W, N, TW	30'	'Prairie Pride' is a good cultivar
<i>Cupressus arizonica</i>	Arizona Cypress	W	20'	
<i>Ginkgo biloba</i>	Ginkgo	W, N, TW	60'	Male select
<i>Gleditsia triacanthos</i> 'Inermis,' 'Shademaster,' or 'Skyline'	Thornless Honeylocust	W, N, TW	30'	Thornless male cultivars only
<i>Gymnocladus dioica</i>	Kentucky Coffeetree	W, N, TW	30'	Male select
<i>Ilex x 'Nellie R. Stevens'</i>	Nellie Stevens Holly	W, NP	10'	
<i>Koelreuteria paniculata</i>	Panicled Golden Raintree	W, N, TW	15'	
<i>Liquidambar styraciflua</i> 'Rotundiloba'	Fruitless Sweetgum	W, N, NP, TW	40'	
<i>Maclura pomifera</i> 'Pawhuska' or 'Chetopa'	Osage Orange	W, N, TW	20'	Male select, thornless
<i>Pistacia chinensis</i>	Chinese Pistache	W, N, TW	40'	
<i>Platanus x acerifolia</i>	London Planetree	W	100'	Debris (fruit, leaves)
<i>Prunus caroliniana</i>	Cherry Laurel	W	20'	
<i>Pyrus calleryana</i>	Callery Pear	W, N, NP, TW	30'	Improved varieties only (See Appendix)
<i>Quercus acutissima</i>	Sawtooth Oak	W	30'	Debris (acorn)
<i>Quercus fusiformis</i> 'Quartz Mountain'	Live Oak	W	25'	Susceptible to snow/ice loads, Debris (acorn)
<i>Quercus muehlenbergii</i>	Chinkapin Oak	W, TW	20'	Debris (acorn)
<i>Quercus nigra</i>	Water Oak	W	50'	Debris (acorn)
<i>Quercus shumardii</i>	Shumard Oak	W	50'	Debris (acorn)
<i>Quercus virginiana</i>	Live Oak	W	100'	Susceptible to snow/ice loads, Debris (acorn)
<i>Sapindus drummondii</i>	Western Soapberry	W, NP, TW	30'	
<i>Styphnolobium japonicum</i> 'Regent' or 'Princeton Upright'	Japanese Pagoda Tree	W, N, TW	20'	
<i>Taxodium distichum</i>	Baldcypress	W	20'	
<i>Tilia cordata</i> 'Greenspire'	Greenspire Linden	W	40'	
<i>Ulmus crassifolia</i>	Cedar Elm	W, NP, TW	30'	
<i>Viburnum rufidulum</i>	Rusty Blackhaw	W, N, NP	10'	
<i>Zelkova serrata</i>	Japanese Zelkova	W, N, TW	40'	Cultivar select

Shade Trees

Large canopy deciduous trees suitable for planting within and around parking lots

Scientific Name / Cultivar	Common Name	Considerations / Notes
<i>Acer beurgerianum</i>	Trident Maple	
<i>Acer rubrum</i> 'Autumn Blaze'	Autumn Blaze Maple	
<i>Acer saccharum</i> 'Caddo'	Caddo Maple	
<i>Acer truncatum</i>	Shantung Maple	
<i>Celtis occidentalis</i>	Common Hackberry	'Prairie Pride' is a good cultivar
<i>Ginkgo biloba</i>	Ginkgo	Male select
<i>Gleditsia triacanthos</i> 'Inermis,' 'Shademaster,' or 'Skyline'	Thornless Honeylocust	Thornless male cultivars only
<i>Gymnocladus dioica</i>	Kentucky Coffeetree	Male select
<i>Koelreuteria paniculata</i>	Panicked Golden Raintree	
<i>Maclura pomifera</i> 'Pawhuska' or 'Chetopa'	Osage Orange	Male select, thornless
<i>Pistacia chinensis</i>	Chinese Pistache	
<i>Platanus x acerifolia</i>	London Planetree	Needs large planting area
<i>Quercus nigra</i>	Water Oak	Debris (acorn)
<i>Quercus shumardii</i>	Shumard Oak	Debris (acorn)
<i>Sapindus drummondii</i>	Western Soapberry	
<i>Taxodium distichum</i>	Baldcypress	
<i>Ulmus crassifolia</i>	Cedar Elm	
<i>Ulmus parvifolia</i>	Lacebark Elm	Susceptible to snow/ice loads

Plantings within Distance of Overhead Utilities

Small trees and large shrubs suitable for planting within 10' of an overhead utility line

Scientific Name / Cultivar	Common Name	Considerations / Notes
<i>Acer tataricum</i> ssp <i>ginnala</i>	Amur Maple	
<i>Alnus maritima</i>	Alder or Seaside Alder	
<i>Amelanchier arborea</i>	Serviceberry	Lacks persistence
<i>Asimina triloba</i>	Pawpaw	
X <i>Chitalpa tashkentensis</i>	Chitalpa	'Pink Dawn' a good cultivar
<i>Cotinus coggygria</i>	Common Smoketree	
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	
<i>Diospyros kaki</i>	Oriental Persimmon	
<i>Elaeagnus angustifolia</i>	Russian Olive	
<i>Hibiscus syriacus</i> 'Aphrodite'	Althea/Rose of Sharon	Triploid selects
<i>Ilex decidua</i>	Deciduous Holly	Susceptible to snow/ice loads
<i>Ilex vomitoria</i>	Yaupon Holly	
<i>Ilex x attenuata</i>	Foster Holly	
<i>Ilex x 'Nellie R. Stevens'</i>	Nellie R. Stevens Holly	
<i>Juniperus chinensis</i> 'Torulosa'	Hollywood Juniper	
<i>Juniperus scopulorum</i>	Rocky Mountain Juniper	Susceptible to Juniper Blight

Plantings within Distance of Overhead Utilities, cont'd

Scientific Name / Cultivar	Common Name	Considerations / Notes
<i>Juniperus virginiana</i> 'Canaertii'	Canaertii Juniper	
<i>Lagerstroemia indica</i>	Crapemyrtle	Smaller varieties (see Large Shrubs)
<i>Magnolia stellata</i>	Star Magnolia	Sensitive to high pH
<i>Magnolia x soulangiana</i>	Saucer Magnolia	Sensitive to high pH
<i>Magnolia grandiflora</i> 'Little Gem'	Little Gem Magnolia	Requires sufficient water
<i>Prunus caroliniana</i>	Cherry Laurel	
<i>Prunus cerasifera</i> 'Krauter Vesuvius', 'Thundercloud', or 'Mt. St. Helens'	Flowering Plum	Lacks persistence
<i>Prunus x cistena</i>	Purpleleaf Sand Cherry	
<i>Viburnum rufidulum</i>	Southern Blackhaw, Rusty Blackhaw	
<i>Vitex agnus-castus</i>	Chastetree	

Plantings within Distance of Water Lines

Trees suitable for planting 5' away from 4" lines or 10' away from lines larger than 4" in diameter

Scientific Name / Cultivar	Common Name	Considerations / Notes
<i>Acer saccharum</i> 'Caddo'	Caddo Maple	
<i>Celtis occidentalis</i>	Common Hackberry	
<i>Cercis canadensis</i>	Redbud	
<i>Chilopsis linearis</i>	Desert Willow	
<i>Gleditsia triacanthos</i> 'Inermis,' 'Shademaster,' or 'Skyline'	Thornless Honeylocust	Thornless male cultivars only
<i>Gymnocladus dioica</i>	Kentucky Coffeetree	Male select
<i>Juniperus virginiana</i> 'Caneartii'	Canearti Juniper	
<i>Koelreuteria paniculata</i>	Panicked Golden Raintree	
<i>Lagerstroemia indica</i>	Crapemyrtle	Select varieties (See Large Shrubs)
<i>Pinus taeda</i>	Loblolly Pine	
<i>Pistacia chinensis</i>	Chinese Pistache	
<i>Pyrus calleryana</i>	Ornamental Pears	Improved varieties only (See Appendix)
<i>Sapindus drummondii</i>	Western Soapberry	Male select
<i>Ulmus crassifolia</i>	Cedar Elm	
<i>Ulmus parvifolia</i>	Lacebark or Chinese Elm	Susceptible to snow/ice loads

Plantings Used for Screening

Trees and shrubs suitable for screening outdoor storage/service areas and parking lots

Scientific Name / Cultivar	Common Name	Maximum Spacing
<i>Abelia grandiflora</i>	Glossy Abelia	5'
<i>Buxus sempervirens</i>	Boxwood	2'
<i>Cedrus deodara</i>	Deodar Cedar	20'
<i>Cupressus arizonica</i>	Arizona Cypress	12'
<i>Ilex x attenuata</i> 'Fosteri'	Foster Holly	8'
<i>Ilex x</i> 'Nellie R. Stevens'	Nellie Stevens Holly	8'
<i>Juniperus chinensis</i> 'Keteleeri'	Keteleeri Juniper	10'
<i>Juniperus chinensis</i> 'Torulosa'	Hollywood Juniper	8'
<i>Nandina domestica</i>	Heavenly Bamboo	3'
<i>Photinia x fraseri</i>	Fraser Photinia	8'
<i>Prunus caroliniana</i>	Cherry Laurel	15'
<i>Thuja occidentalis</i>	Eastern Arborvitae	¾ of the spread based on variety
<i>Thuja plicata</i> 'Green Giant'	Green Giant Arborvitae	12'

TREES

Large Trees (Over 50' Tall)

Scientific Name	Common Name	Type	Water	Exposure	Growth	Height	Width
<i>Calocedrus decurrens</i>	Incense Cedar	E	M	○ to ◐	M	30 - 50'	8-10'
<i>Cedrus atlantica</i> 'Glauca'	Blue Atlas Cedar	E	L	○	S to M	40 - 60'	30 - 40'
<i>Cedrus deodara</i>	Deodar Cedar	E	M	○	R	40 - 60'	20 - 30'
<i>Cedrus libani</i>	Cedar of Lebanon	E	M	○	S to M	40 - 60'	30 - 40'
<i>Celtis occidentalis</i> 'Prairie Pride'	Common Hackberry	D	L	○	M	40 - 60'	40 - 50'
<i>Ginkgo biloba</i>	Ginkgo	D	M	○	S	80 - 100'	variable
<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Thornless Honeylocust	D	L	○	M	60 - 80'	30 - 50'
<i>Gymnocladus dioica</i>	Kentucky Coffeetree	D	M	○	M	60 - 80'	30 - 50'
<i>Liquidambar styraciflua</i>	Fruitless Sweetgum	E	M	○	M to R	80 - 100'	40 - 60'
<i>Maclura pomifera</i> 'Pawhuska' or 'Chetopa'	Osage Orange	D	M	○	R	40 - 60'	40 - 50'
<i>Pinus elliotii</i>	Slash Pine	E	M	○	R	80 - 100'	30 - 40'
<i>Pinus ponderosa</i>	Ponderosa Pine	E	M	○	S to M	40 - 60'	20 - 30'
<i>Pinus taeda</i>	Loblolly Pine	E	M	○	M to R	60 - 100'	30 - 50'
<i>Pinus thunbergii</i>	Japanese Black Pine	E	M	○	M to R	40 - 60'	20 - 30'
<i>Pistacia chinensis</i>	Chinese Pistache	D	L	○	M	40 - 60'	40 - 50'
<i>Platanus x acerifolia</i>	London Planetree	D	M to H	○	R	80 - 100'	100 - 125'
<i>Populus deltoids</i> 'Cottonless'	Cottonwood	D	M to H	○	R	80 - 100'	40 - 60'
<i>Quercus alba</i>	White Oak	D	M	○	S to M	80 - 100'	50 - 60'
<i>Quercus fusiformis</i> 'Quartz Mountain'	Quartz Mountain Live Oak	E	M to H	○	S to M	40 - 80'	60 - 100'
<i>Quercus macrocarpa</i>	Bur Oak	D	L	○	S to M	60 - 80'	30 - 50'
<i>Quercus muehlenbergii</i>	Chinkapin Oak	D	L	○	S to M	30 - 60'	20 - 40'
<i>Quercus nigra</i>	Water Oak	D	M	○ to ◐	R	60 - 100'	50 - 60'
<i>Quercus robur</i> 'Fastigiata'	Columnar English Oak	D	L	○	M	50 - 60'	10 - 18'
<i>Quercus shumardii</i>	Shumard Oak	D	L	○	M to R	60 - 80'	50 - 60'
<i>Quercus virginiana</i>	Live Oak	E	M to H	○	S to M	40 - 80'	60 - 100'
<i>Taxodium distichum</i>	Baldcypress	D	M	○	M to R	60 - 100'	20 - 30'
<i>Thuja orientalis</i> 'Pyramidalis'	Pyramid Arborvitae	E	L	○ to ●	S to M	60'	8'
<i>Thuja plicata</i> 'Green Giant'	Green Giant Arborvitae	E	M	○	R	50 - 70'	15 - 25'
<i>Ulmus parvifolia</i>	Lacebark Elm	D	L	○ to ◐	M	40 - 60'	40 - 60'
<i>Zelkova serrata</i>	Japanese Zelkova	D	M	○	M to R	40 - 60'	30 - 40'

Medium Trees (25' to 50' Tall)

Scientific Name	Common Name	Type	Water	Exposure	Growt h	Height	Width
<i>Acer campestre</i>	Hedge Maple	D	M	○ to ◐	M	30 - 50'	20 - 30'
<i>Acer rubrum</i> 'Autumn Blaze'	Red Maple 'Autumn Blaze'	D	H	○	M	50 - 60'	30 - 40'
<i>Acer rubrum</i> 'Autumn Flame'	Red Maple 'Autumn Flame'	D	H	○ to ◐	M	45 - 50'	35 - 50'
<i>Acer rubrum</i> 'Red Sunset'	Red Maple 'Red Sunset'	D	H	○ to ●	M	45 - 50'	25 - 40'
<i>Acer saccharum</i> 'Caddo'	Caddo Maple	D	L	○ to ●	M	40 - 50'	40 - 50'
<i>Acer truncatum</i>	Shantung Maple	D	M	○	M	30 - 40'	20 - 35'
<i>Betula nigra</i>	River Birch	D	M to H	○ to ◐	M to R	40 - 50'	20 - 30'
<i>Bumelia lanuginosa</i>	Chittamwood	D	L	○ to ◐	S	20 - 40'	20 - 25'
<i>Castanea mollissima</i>	Chinese Chestnut	D	M	○	S to M	30 - 50'	40 - 60'
<i>Cupressus arizonica</i>	Arizona Cypress	E	L	○ to ◐	R	25 - 30'	15 - 25'
<i>Juniperus virginiana</i>	Eastern Redcedar	E	L	○ to ●	S to M	Up to 30'	20'
<i>Koelreuteria paniculata</i>	Paniced Golden Raintree	E	L	○ to ◐	M	25 - 30'	15 - 20'
<i>Morus alba</i>	White Mulberry	D	L	○	R	30 - 40'	25 - 35'
<i>Parrotia persica</i>	Parrotia	D	M	○ to ◐	S to M	20 - 40'	15 - 30'
<i>Pinus bungeana</i>	Lacebark Pine	E	M	○	S	30 - 50'	20 - 35'
<i>Pyrus calleryana</i> (See Appendix)	Callery Pear	D	L	○	M	25 - 50'	25 - 35'
<i>Quercus acutissima</i>	Sawtooth Oak	D	L	○	M to R	40 - 50'	30 - 40'
<i>Sapindus drummondii</i>	Western Soapberry	D	L	○	M	30 - 40'	25 - 35'
<i>Styphnolobium japonicum</i>	Japanese Pagoda Tree	D	M	○	R	40 - 60'	20 - 40'
<i>Tilia cordata</i> 'Greenspire'	Greenspire Linden	D	M	○	R	40 - 80'	20 - 40'
<i>Ulmus crassifolia</i>	Cedar Elm	D	L	○ to ◐	M	60 - 80'	40 - 50'
<i>Ziziphus zizyphus</i>	Jujube or Chinese Date	D	M	○ to ◐	M	30 - 40'	20 - 30'

Small Trees (10' to 25' tall)

Scientific Name	Common Name	Type	Water	Exposure	Growth	Height	Width
<i>Acer buergerianum</i>	Trident Maple	D	M	○ to ◐	M	20 - 30'	15 - 25'
<i>Acer tataricum</i> ssp <i>ginnala</i>	Amur Maple	D	L	○ to ◐	M	15 - 20'	15 - 18'
<i>Alnus maritima</i>	Alder or Seaside Alder	D	M to H	○ to ◐	S	Up to 20'	Up to 12'
<i>Amelanchier arborea</i>	Serviceberry	D	M to H	○	M to S	15 - 20'	Variable
<i>Asimina triloba</i>	Pawpaw	D	M to H	◑	M	15 - 20'	15 - 20'
<i>Cercis canadensis</i>	Eastern Redbud	D	L	○	M	20 - 25'	15 - 20'
<i>Cercis chinensis</i>	Chinese Redbud	D	M	○ to ◐	M	8 - 15'	6 - 12'
<i>Chilopsis linearis</i>	Desert Willow	D	L	○	M	15 - 30'	15 - 25'
<i>X Chitalpa tashkentensis</i>	Chitalpa 'Pink Dawn'	D	L	○	M	15 - 20'	15 - 20'
<i>Cotinus coggygria</i>	Smoketree	D	M	○	M to R	12 - 18'	10 - 12'
<i>Crataegus crus-galli</i> var. <i>inermis</i>	Thornless Cockspur Hawthorn	D	M	○ to ◐	M	20 - 25'	15 - 20'
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	D	M	○ to ◐	S to M	10 - 20'	15 - 20'
<i>Diospyros kaki</i>	Oriental Persimmon	D	M	○	S	10 - 15'	8 - 10'
<i>Elaeagnus angustifolia</i>	Russian Olive	D	L	○	M to R	15 - 20'	15 - 20'
<i>Euonymus bungeana</i>	Winterberry Euonymus	D	M	○	M	20 - 40'	15 - 25'
<i>Ilex x attenuate</i> 'Fosteri'	Foster Holly	E	M	○ to ●	S to M	20 - 25'	10' - 12'
<i>Ilex cornuta</i> 'Burfordii'	Burford Holly	E	L	○ to ◐	M	15 - 25'	15 - 25'
<i>Ilex decidua</i>	Deciduous Holly	D	M	○ to ◐	M	20'	15'
<i>Ilex x 'Nellie R. Stevens'</i>	Nellie Stevens Holly	E	M	○ to ◐	M to R	20 - 30'	10 - 15'
<i>Ilex vomitoria</i>	Yaupon Holly	E	M to H	○ to ◐	S to M	15 - 20'	15 - 20'
<i>Juniperus chinensis</i> 'Torulosa'	Hollywood Juniper	E	M	○ to ◐	S to M	15 - 20'	6 - 10'
<i>Juniperus virginiana</i> 'Canaertii'	Canaertii Juniper	E	L	○	M to R	15 - 20'	8 - 15'
<i>Lagerstroemia indica</i>	Crapemyrtle	D	M	○	M to R	15 - 25'	10 - 20'
<i>Magnolia grandiflora</i> 'Little Gem'	Southern Magnolia 'Little Gem'	E	M	○ to ◐	S	10 - 15'	10'
<i>Magnolia stellata</i>	Star Magnolia	D	M	○	M to R	15 - 20'	10 - 15'
<i>Magnolia x soulangiana</i>	Saucer Magnolia	D	M	○ to ◐	M	20 - 25'	20 - 30'
<i>Malus</i> spp. (See Appendix)	Crabapple	D	M	○	M to R	15 - 30'	15 - 35'
<i>Prunus caroliniana</i>	Cherry Laurel	E	M	○ to ◐	R	20 - 25'	20 - 25'
<i>Prunus cerasifera</i>	Purpleleaf Plum	D	M	○	M	15 - 25'	10 - 12'
<i>Prunus x cistena</i>	Purpleleaf Sand Cherry	D	M	○	M	12 - 15'	10 - 12'
<i>Thuja occidentalis</i>	Eastern Arborvitae	E	M	○ to ●	S to M	Variable	Variable
<i>Viburnum rufidulum</i>	Rusty Blackhaw	D	L	○ to ◐	M	10 - 15'	10 - 15'

SHRUBS

Large Shrubs (10' to 25' tall)

Scientific Name	Common Name	Blooms	Type	Water	Exposure	Growth	Height	Width
<i>Hibiscus syriacus</i> 'Aphrodite'	Aphrodite Rose of Sharon	Pink with red eye	D	M	○	R	8 - 10'	3 - 5'
<i>Ilex</i> x 'Nellie R. Stevens'	Nellie R. Stevens Holly	Greenish white	E	L	○	M	15 - 20'	10'
<i>Juniperus chinensis</i> 'Torulosa'	Hollywood Juniper	None	E	L	○	M	15 - 20'	6 - 10'
<i>Juniperus chinensis</i> 'Keteleeri'	Keteleeri Juniper	None	E	L	○	M	15 - 20'	10'
<i>Lagerstroemia indica</i> varieties	Crapemyrtle	Varies						
• 'Basham's Party Pink'	"	Light lavender	D	M	○	M	25' plus	25'
• 'Byers Wonderful White'	"	White	D	M	○	M	20	20'
• 'Catawba'	"	Violet	D	M	○	M	12 - 15'	12 - 15'
• 'Conestoga'	"	Pale lavender	D	M	○	M	12 - 15'	12 - 15'
• 'Dynamite'	"	Red	D	M	○	M	20 - 25'	20 - 25'
• 'Hopi'	"	Med pink	D	M	○	M	8 - 10'	8 - 10'
• 'Natchez'	"	White	D	M	○	M	20 - 30'	20 - 30'
• 'Peppermint Lace'	"	Pink w/ white	D	M	○	M	8 - 12'	8 - 12'
• 'Petite Embers'	"	Rose-red	D	M	○	M	10	10'
• 'Petite Orchid'	"	Orchid	D	M	○	M	10	10'
• 'Petite Pinkie'	"	Clear pink	D	M	○	M	10	10'
• 'Watermelon Red'	"	Red	D	M	○	M	20 - 25'	20 - 25'
• 'Raspberry Sundae'	"	Red to pink	D	M	○	M	15 - 20'	15 - 20'
• 'Zuni'	"	Medium lavender	D	M	○	M	9 - 12'	9 - 12'
<i>Myrica cerifera</i>	Southern Wax Myrtle	Yellowish green	E	M	○ to ●	M	15 - 25'	15 - 20'
<i>Photinia</i> X <i>fraseri</i>	Fraser Photinia		E	M	○ to ◐	M	12 - 15'	8 - 10'
<i>Vitex agnus-castus</i>	Chaste Tree	Dk violet	D	L	○	R	12 - 20'	15 - 20'

Medium Shrubs (6' to 10' tall)

Scientific Name	Common Name	Blooms	Type	Water	Exposure	Growth	Height	Width
<i>Abelia grandiflora</i>	Glossy Abelia	White / pink	S-E	M	☐	M	6 - 10'	4 - 6'
<i>Aucuba japonica</i>	Gold Dust Plant		E	L	☐ to ●	S-M	4 - 12'	4 - 6'
<i>Buxus sempervirens</i> 'Monroe'	Green Tower Boxwood	Greenish cream	E	L	○	M-R	9'	1 - 2'
<i>Lagerstroemia indica</i> 'Centennial Spirit'	Crapemyrtle 'Centennial Spirit'	Dark Red	D	M	○ to ☐	M	8 - 12'	8 - 12'
<i>Lagerstroemia indica</i> 'Dwarf Red'	Crapemyrtle 'Dwarf Red'	Red	D	M	○ to ☐	M	8	8'
<i>Lagerstroemia indica</i> 'Twilight'	Crapemyrtle 'Twilight'	Purple	D	M	○ to ☐	M	10	10'
<i>Nandina domestica</i>	Heavenly Bamboo	White	E	L	○	M-R	5 - 7'	3 - 5'

Small Shrubs (4' to 5' tall)

Scientific Name	Common Name	Blooms	Type	Water	Exposure	Growth	Height	Width
<i>Spiraea x vanhouttei</i>	Vanhoutte Spiraea	White	D	L	○ to ☐	R	4 - 6'	3 - 5'
<i>Syringa persica</i>	Persian lilac	Fragrant	D	L	○ to ☐	M	6 - 10'	6 - 10'
<i>Weigela florida</i> (several var.)	Weigela	Rose pink	D	L	○ to ☐	R	4 - 8'	4 - 8'
<i>Abelia x grandiflora</i> 'Edward Goucher'	Edward Goucher Abelia	White / flushed pink	S-E	M	○ to ☐	M	3 - 4'	3 - 4'
<i>Berberis thunbergii</i>	Japanese Barberry	Pale yellow	D	M	○ to ☐	M	5 - 8'	4 - 6'
<i>Buxus microphylla</i>	Japanese or Littleleaf Boxwood	Greenish cream	E	L	○ to ●	S	3 - 4'	1.5 - 2'
<i>Buxus sempervirens</i> 'Green Velvet'	Green Velvet Boxwood	Greenish cream	E	L	○ to ☐	M	3 - 4'	3 - 4'
<i>Buxus sempervirens</i> 'Green Mountain'	Green Mountain Boxwood	Greenish cream	E	L	○ to ☐	M	5'	3'
<i>Euonymus fortunei</i> 'Emerald Gaiety' or 'Emerald 'n Gold'	Euonymus or Wintercreeper	Greenish white	E	L	○	M	4 - 5'	3'
<i>Hesperaloe parviflora</i>	Red Yucca		D	L	○	S	2 - 4'	2 - 3'
<i>Juniperus chinensis</i> 'Pfitzeriana'	Pfitzer Juniper	None	E	L	○	M	5 - 6'	10 - 12'
<i>Ilex vomitoria</i> 'Nana'	Dwarf Yaupon Holly	White	E	L	○ to ●	S to M	3 - 5'	8 - 10'
<i>Lagerstroemia indica</i> 'New Snow'	Crapemyrtle 'New Snow'	White	D	M	○ to ☐	M	4 - 5'	4 - 5'

Small Shrubs, cont'd

Scientific Name	Common Name	Blooms	Type	Water	Exposure	Growth	Height	Width
<i>Lagerstroemia indica</i> 'Dwarf Lavender'	Crapemyrtle 'Dwarf Lavender'	Lavender	D	M	○ to ●	M	4 - 5'	4 - 5'
<i>Mahonia aquifolium</i>	Oregon Grapeholly or Hollyleaved Barberry	Yellow	E	M	◐ to ●	M	3 - 6'	6 - 8'
<i>Nandina domestica</i> 'Compacta'	Compact Heavenly Bamboo	White	E	L	○ to ◐	M	4 - 5'	3'
<i>Nandina domestica</i> 'Plum Passion'	Plum Passion Heavenly Bamboo	Purplish-red foliage in Fall	E	L	○	M	4 - 5'	3'
<i>Spiraea x bumalda</i> 'Froebelii'	Froebelii Spiraea		D	L	○ to ◐	R	3 - 4'	3 - 5'
<i>Spiraea x bumalda</i> 'Anthony Waterer'	Anthony Waterer Spiraea		D	L	○ to ◐	M	3 - 5'	3 - 5'
<i>Taxus x media</i> 'Densiflora'	Dense Spreading Yew	None	E	M	◐ to ●	s	4 - 5'	3 - 5'
<i>Thuja occidentalis</i> 'Hetz Midget'	Hetz Midget Arborvitae	None	E	L	○ to ◐	S	3 - 4'	3 - 4'
<i>Thuja occidentalis</i> 'Little Giant'	Little Giant Dwarf Arborvitae	None	E	L	○ to ◐	S	4'	4'

Low Shrubs (2' to 3' tall)

Scientific Name	Common Name	Blooms	Type	Water	Exposure	Growth	Height	Width
<i>Abelia x grandiflora</i> 'Sherwoodii'	Sherwood Abelia or Dwarf Glossy Abelia	White / flushed pink	S-E	M	○ to ◐	M	3'	3'
<i>Euonymus japonicus</i> var. <i>microphyllus</i> 'Moncliff'	Sunny Delight Boxleaf Euonymus	Greenish white	E	L	○ to ◐	M	2'	2'
<i>Euonymus fortunei</i> 'Interbolwji'	Blondy Wintercreeper Euonymus or Variegated Wintercreeper	Greenish white	E	L	○	M	2'	2'
<i>Ilex vomitoria</i> 'Stoke's Dwarf'	Stoke's Dwarf Yaupon Holly	White	E	L	○	M to R	2'	2'
<i>Lagerstroemia indica</i> 'Tightwad Red'	Crapemyrtle 'Tightwad Red'	Red	D	M	○	M to R	2 - 4'	2 - 4'
<i>Lagerstroemia indica</i> 'New Orleans'	Crapemyrtle 'New Orleans'	Purple	D	M	○	M to R	2 - 3'	2 - 3'

Low Shrubs, cont'd

Scientific Name	Common Name	Blooms	Type	Water	Exposure	Growth	Height	Width
<i>Lagerstroemia indica</i> 'Baton Rouge'	Crapemyrtle 'Baton Rouge'	Red	D	M	○	M to R	3'	3'
<i>Mahonia aquifolium</i> 'Compactum'	Compact Oregon Grapeholly or Creeping Mahonia	Yellow	E	M	◐ to ●	M	2.5'	2.5'
<i>Nandina domestica</i> 'Nana'	Nandina	White	E	L	○	M to R	2'	2'
<i>Nandina domestica</i> 'Harbour Dwarf'	Harbour Dwarf Heavenly Bamboo	White	E	L	○ to ◐	M to R	1.5'	2.5'
<i>Nandina domestica</i> 'Fire Power'	Nandina 'Fire Power'	white	E	L	○ to ◐	M to R	2'	2'
<i>Nandina domestica</i> 'Moon Bay'	Moon Bay Heavenly Bamboo	White	E	L	○ to ◐	M to R	3'	3'
<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Fragrant Sumac	yellowish	D	L	○ to ◐	R	2 - 3'	6 - 8'
<i>Spiraea x bumalda</i> 'Goldflame'	Goldflame Spiraea	Rose pink	D	L	○	M	3 - 4'	3 - 4'
<i>Spiraea x bumalda</i> 'Goldmound'	Goldmound Spiraea		D	L	○	M	2 - 3'	4'
<i>Spiraea japonica</i> 'Shirobana'	Shirobana Spiraea		D	L	○	M	2 - 3'	2 - 3'
<i>Spiraea japonica</i> 'Neon Flash'	Neon Flash Spiraea		D	L	○	M	3'	3'
<i>Thuja orientalis</i> 'Westmont'	Westmont arborvitae	None	E	L	○	S	2 - 2.5'	2'

OTHER PLANTS

Groundcovers

Scientific Name	Common Name	Notes	Type	Water	Exposure	Growth	Height	Width
<i>Abelia x grandiflora</i> 'Prostrata'	Prostrate White Abelia		E	M	○	M	18 - 24"	48" - 60"
<i>Euonymus fortunei</i> 'Coloratus'	Purpleleaf Wintercreeper		E	L	○ to ●	M to R	24"	72 - 96"
<i>Hedera helix</i>	English Ivy		E	M	◐	R	6 - 10"	several ft.
<i>Nandina domestica</i> 'Wood's Dwarf'	Wood's Dwarf Heavenly Bamboo		E	L	○	S	18"	18"
<i>Phlox subulata</i>	Creeping Phlox	Blue, pink, scarlet-red, white	D	L	○	S to M	6" - 9"	24"
<i>Juniperus procumbens</i>	Japanese Garden Juniper	No foot traffic	E	L	○ to ◐	M	20 - 24"	72 - 96"
<i>Liriope muscari</i>	Monkey grass or Lilyturf	No foot traffic	E	L	◐ to ●	M	8 - 20"	12 - 18"
<i>Sedum acre</i>	Goldmoss Stonecrop	No foot traffic	E	L	○ to ●	M to R	4 - 12"	10"
<i>Teucrium chamaedrys</i>	Germander		E	L	○ to ◐	M	10 - 12"	8 - 10"
<i>Thymus x citriodorus</i> 'Golden Lemon'	Golden Lemon Thyme	No foot traffic	E	L	○	S	6 - 10"	12"
<i>Tradescantia pallida</i> 'Purpurea'	Purple Heart or Wandering Jew	No foot traffic, purple foliage	D	L	○ to ◐	R	12 - 18"H	space 9-12" apart
<i>Vinca major</i>	Large Periwinkle	Blue, blue-violet, white, deep purple	E	L	◐ to ●	M	12 - 18" H	space 24" apart
<i>Vinca minor</i>	Common Periwinkle	Blue, white, purple blooms	E	L	◐ to ●	M	4 - 6" H	space 24" apart

Perennials

Scientific Name	Common Name	Notes	Water	Exposure	Growth	Height	Width
<i>Artemisia</i> x 'Powis Castle'	Powis Castle Artemisia	Summer to fall, grayish green foliage	L	○	M	24" - 36"	24" - 36"
<i>Canna</i> 'Futurity'	Futurity Canna	Red, yellow, pink	M	○	M	24 - 84"	24 - 36"
<i>Chrysanthemum</i> x <i>superbum</i>	Shasta Daisy varieties	Summer & fall, white blooms	M	○	M	12 - 30"	12"
<i>Coreopsis grandiflora</i> species	Coreopsis	Early to late summer, golden yellow	L	○	R	24 - 36"	12"
<i>Dianthus</i> 'Firewitch'	Firewitch Dianthus	Late spring, early summer, magenta blooms	L	◐	M	10 - 15"	8 - 24"
<i>Echinacea purpurea</i>	Purple Coneflower	Summer to fall, rose purple blooms	L	○	M	36"	24"
<i>Gaillardia aristata</i>	Indian Blanket Flower	Summer to fall, red bands on yellow	L	○	M	6" - 36"	12"
<i>Hemerocallis</i> species	Daylily	Summer to fall, white & purple	L	○ to ◐	M	12 - 36"	12 - 18"
<i>Hosta</i> x <i>hybrida</i>	Hosta	Summer to fall, white & purple	M	○ to ●	M	6" - 36"	12 - 24"
<i>Iris pallida</i> 'Aurea variegata'	Variegated Sweet Iris	Early spring & fall, lavender blooms, fragrant	L	○ to ●	M	12" - 36"	12"
<i>Kniphofia uvaria</i> 'Flamenco'	Flamenco Red Hot Poker	Summer to fall, orange-red, coral, cream	L	○	M	24" - 48"	12" - 18"
<i>Lantana camara</i>	Perennial Lantana	Summer to fall, yellow, orange, pink	L	○	M	24" - 36"	48"
<i>Paeonia</i> x <i>hybrida</i>	Peony	Early summer, pink, white, red	L	○ to ●	M	12" - 18"	12 - 24"
<i>Rudbeckia hirta</i>	Black-eyed Susan	Summer to fall, bright orange-yellow	L	○	M	12" - 24"	24 - 30"
<i>Salvia greggii</i> 'Desert Blaze'	Desert Blaze Salvia	Summer to fall, rose-red blooms	L	○	M	24"	24"
<i>Salvia greggii</i> 'Coral Autumn Sage	Coral Autumn Sage Salvia	Summer to fall, Coral blooms	L	○	M	24" - 36"	24" - 36"
<i>Salvia greggii</i> 'Red Autumn Sage'	Red Autumn Sage Salvia	Summer to fall, red blooms	L	○	M	24" - 36"	24" - 36"

Perennials, cont'd

Scientific Name	Common Name	Notes	Water	Exposure	Growth	Height	Width
<i>Salvia greggii</i> 'Pink Preference'	Pink Preference Salvia	Summer to fall, rose-pink blooms	L	○	M	24" - 36"	24" - 36"
<i>Salvia greggii</i> 'White Autumn Sage'	White Autumn Sage Salvia	Summer to fall, White blooms	L	○	M	24" - 36"	24" - 36"
<i>Salvia greggii</i> 'Raspberry Royale'	Raspberry Royale Salvia	Summer to fall, rose-red blooms	L	○	M	24" - 36"	24" - 36"
<i>Salvia x superba</i> 'May Night'	May Night Salvia	Summer, indigo-black	L	○	M	12 - 30"	12 - 24"
<i>Santolina virens</i>	Green Santolina, Lavender Cotton	Summer to fall, yellow blooms	L	○	M	24"	24"
<i>Santolina chamaecyparissus</i>	Lavender Cotton	Summer to fall, yellow blooms, gray-green foliage	L	○	M	24"	24"
<i>Santolina incana</i> 'Nana'	Dwarf Lavender Cotton	Summer to fall, yellow blooms, gray-green foliage	L	○	M	12"	12"
<i>Scabiosa</i>	Pin Cushion Flower	Summer to fall, lavender-blues, white	M	○	M	18" - 20"	12 - 18"
<i>Sedum spectabile</i> 'Autumn Joy'	Sedum 'Autumn Joy' or Showy Stonecrop	Summer to fall, Pink to rusty-red blooms	L	○	M	18" - 24"	24"
<i>Stachys byzantina</i>	Lamb's ears	Summer to fall, gray-green velvety foliage	L	○	M to R	12 - 15"	24"
<i>Verbena canadensis</i> species	Verbena	Summer to fall, purple, pink-reds, white	L	○	M	6 - 10"	18"
<i>Veronica spicata</i>	Veronica or Speedwell	Summer to fall, purple, pink-reds, white	L	○	M	18 - 24"	12 - 18"

Bulbs

Scientific Name	Common Name	Notes	Water	Exposure	Height	Spacing
<i>Amaryllis belladonna</i>	Naked Lady or Belladonna lily	Late summer to early fall, pink fragrant blooms	L	○	24 - 36"	9 - 12"
<i>Lycoris radiata</i>	Spider Lily	Summer, red, yellow, pink	L	○ to ◐	12 - 36"	1-3 bulbs per hole for naturalizing or 6 - 12" O.C.
<i>Narcissus spp.</i>	Narcissus	Spring, yellow and white blooms	L	○ to ◐	14" - 18"	1-3 bulbs per hole for naturalizing or 6 - 12" O.C.

Roses

Scientific Name	Common Name	Notes	Type	Water	Exposure	Growth	Height	Width
<i>Rosa</i> 'Zephirine Drouhin'	Zephirine Drouhin Climbing Rose	Summer to fall, pink fragrant blooms, no thorns	D	M	○	R	6'	3'
<i>Rosa</i> x 'Noare'	Flower Carpet Red Ground Cover Rose	Summer to fall, red blooms	D	M	○ to ◐	M	2.5'	3'
<i>Rosa</i> x 'Noatraum'	Flower Carpet Pink Ground Cover Rose	Summer to fall, Pink blooms	D	M	○ to ◐	M	2.5'	3'
<i>Rosa</i> x 'Noaschnee'	Flower Carpet White Ground Cover Rose	Summer to fall, White blooms	D	M	○ to ◐	M	2.5'	3'
<i>Rosa</i> x 'Noala'	Flower Carpet Coral Ground Cover Rose	Summer to fall, coral blooms	D	M	○ to ◐		2.5'	3'
<i>Rosa</i> x 'Noamel'	Flower Carpet Appleblossom Ground Cover Rose	Summer to fall, Blush pink blooms	D	M	○ to ◐		2.5'	3'
<i>Rosa</i> x 'Noalesa'	Flower Carpet Yellow Ground Cover Rose	Summer to fall, Yellow blooms	D	M	○ to ◐	R	2.5'	3'

Ornamental Grasses

Scientific Name	Common Name	Notes	Type	Water	Exposure	Growth	Height	Width
<i>Calamagrostis</i> x <i>acutiflora</i> 'Karl Forester'	Karl Forester Feather Reed Grass	Pink plumes, changes to dark maroon to bronze	D	L	○ to ●	M	24" - 36"	18" - 60" with flower plumes
<i>Miscanthus sinensis</i> species	Maiden Grass	Feathery flower	D	L	○ to ●	R	36" - 48"	36" - 48"
<i>Panicum virgatum</i>	Switch Grass	Feathery flower	D	L	○ to ●		36" - 48"	24" - 36"
<i>Pennisetum alopecuroides</i> 'Hameln'	Dwarf Fountain Grass 'Hameln'	Reddish-purple flower plumes	D	L	○ to ●	R	24 - 48"	24 - 36"
<i>Pennisetum setaceum</i> 'Rubrum'	Purple Fountain Grass		D	L	○	M to R	12 - 34"	12 - 18"

APPENDIX

General Notes

1. All plants and trees (established and new) require water when the outside temperature reaches 86 degrees during their growing season.
2. Medium to large trees should be planted no closer than 30 feet from buildings or structures and should never be planted under overhead utility lines.
3. Perennials require little to no fertilizer, and may bloom from spring to frost. To increase blooms, cut back old growth between late winter and early spring (right before new growth begins depending on weather). Many perennials will bloom for a longer period if old blooms are removed, or "dead headed."

Crabapple and Pear Species*

Scientific Name	Common Name	Notes	Type	Water	Exposure	Growth	Height	Width
Malus transitoria 'Golden Raindrops'	Golden Raindrops Crabapple	White blooms, 1/4" golden fruit	D	M	○	M	10 – 20'	8 – 15'
Malus x 'Pink Princess'	Pink Princess Crabapple	Rose pink blooms, 1/4" red fruit	D	M	○	M	6 -8'	10 – 15'
Malus sargentii	Sargent's Crabapple	White blooms, 1/4" red fruit	D	M	○	M	6 – 10'	6 – 20'
Malus toringo subsp. Sargentii 'Tina'	Sargent Tina Crabapple	White blooms, 1/4" red fruit	D	M	○		5'	6'
Pyrus Calleryana 'Aristocrat'	Aristocrat Callery Pear		D	L	○	M	35 – 45'	30 – 35'
Pyrus Calleryana 'Capital'	Capital Callery Pear	Fastigate, 5:1 height to width ratio	D	L	○	M	35'	12'
Pyrus Calleryana var 'Fauriei'	Fauriei Callery Pear		D	L	○	M	30'	15'
Pyrus calleryana 'Whitehouse'	Whitehouse Callery Pear	Fastigate, 4:1 height to width ratio	D	L	○	M	35'	15'

***Note:** Plant Crabapple and Mulberry trees away from building entrances and sidewalks.

Proposing Alternative Plant Selections

1. Alternative species that are not listed in this document may be requested for consideration of suitability on a site-by-site basis.
2. If an alternative species is proposed to substitute for those listed in the “Plants for Specific Applications” section, the characteristics of the proposed tree (size, growth habit, exposure, litter production, root development, etc.) should be similar to those characteristics of the trees listed for each specific application.
3. The Planning or Development Services Director or designee will evaluate the proposed alternative and make a determination based on the following criteria:
 - tolerances of the proposed species are compatible with site conditions such as soil type, exposure, moisture/drought, and pollution;
 - growth habit of proposed species poses no conflicts with overhead or underground utilities or service vehicles, such as garbage trucks;
 - pedestrian and vehicular activity that may occur near or under proposed species will not be impeded or harmed by production of fruits, nuts, or sap;
 - special care or maintenance requirements of the proposed species will be met by the property owner.

Modifications to This Document

This list contains trees and plants that were carefully selected for use in different settings within Oklahoma City. All species contained in this document have demonstrated adaptability or hardiness to the local environment, and should perform well when given proper care. However, due to the variability of plant species, changes in micro-climates, and development of new varieties of plant materials, it is necessary to update this document so that it is comprehensive and current.

Additions or deletions of plant species on this list may be requested of the Planning Director or designee, who will evaluate appropriateness of the request and make a determination based on the following criteria:

- long-term performance has demonstrated the proposed species to be suitable (for additions) or unsuitable (for deletions) for general planting in Oklahoma City;
- the proposed species’ characteristics (size, growth habit, performance, and suitability) are appropriate in the context in which it is intended to serve (for example, as a street tree, for use near utilities, etc.).

Modifications to this document will be placed on the City Council agenda for acceptance.