

LIST A - SMALL STREET AND SHADE TREES

COMMON NAME	BOTANICAL NAME	ACCEPTABLE CULTIVARS	"MATURE HEIGHT"	"CANOPY SPREAD"	USDA HARDINESS ZONE	SALT TOLERANCE	DROUGHT TOLERANCE	POOR DRAINAGE TOLERANCE	ALKALINITY TOLERANCE	SHAPE	FLOWERS	FRUIT	FALL COLOR	ADDITIONAL NOTES
Maple, Trident	Acer buergerianum	Streetwise	20-30' +	15-25'	5	high	high	low	medium	oval/round	small green-yellow in spring, insignificant	green samaras	orange-red	slow growing
Maple, Tatarian*	Acer tataricum	"Hot Wings, Pattern Perfect, Rugged Charm"	20-25' +	15-20'	3	medium	high	medium	high	oval to round	white clusters in spring	red samaras	yellow-red	showy seeds
Maple, Shantung	Acer truncatum	"Pacific Sunset, Norwegian Sunset,"	20-30' +	20-30'	4	medium	medium	medium	medium	rounded to oval	pale yellow insignificant	samaras	"yellow, orange, red, purple"	heat tolerant
Maple, Shantung	Acer truncatum	Ruby Sunset	20-25' +	18-20'	4	medium	medium	medium	medium	"broad oval to round"	pale yellow insignificant	samaras	deep red	heat tolerant, glossy green leaves
Netleaf Hackberry *	Celtis reticulata		20-25' +	20-25'	3	medium	high	medium	high	"rounded spreading"	"green in spring, insignificant"	orange-red	yellow	very tolerant to adverse growing conditions
Eastern Redbud *	Cercis canadensis		15-25' +	20-30'	4	low	high	low	high	irregular	pink/purple before leaves	"small, brown pod 2-3"" long "	yellow	tolerant of partial shade, vibrant in the spring
Fringetree, Chinese *	Chionanthus retusus		20-25'	20-25'	5	low	low	low	high	broadly oval	large green-white clusters in spring, fragrant	1/2" - 1" blue-purple fruit	yellow	light brown exfoliating young bark
Fringetree *	"Chionanthus virginicus"		20-25'	20-25'	3	medium	medium	high	medium	spreading oval	green-white in spring, fragrant	1/2" - 3/4" blue-black fruit	yellow	stunning when in full bloom
Hawthorn *	Crataegus laevigata	Pauls Scarlet, Crimson Cloud	20-25' +	15-20'	4	medium	medium	medium	high	broad round	double rose red	red edible	no fall color	vibrant in the spring
Hawthorn, Winter King *	Crataegus viridis	Winter King	20-30' +	20-30'	4	medium	high	medium	high	wide vase	white in spring, showy	"bright red edible"	purplish red	tolerant of urban pollution
Hawthorn, Lavalley *	Crataegus x lavalleyi	Lavelle	20-30' +	15-20'	4	medium	high	medium	high	dense oval	white in spring	red edible	coppery red	lustrous green leaves, persistent fruit
"Hawthorn, Thornless Cockspur **"	Crataegus crus-galli	Thornless Cockspur	20-30' +	20-35'	3	medium	high	medium	high	rounded spreading	white in spring	red edible	orange-scarlet	persistent fruit in to winter, thornless
Maackia	Maackia amurensis		20-30' +	15-20'	3	medium	medium	medium	high	rounded vase	white fragrant in summer	flat see pods	yellow	tolerant of urban conditions
Flowering Crabapple *	Malus sp.	"Spring Snow, Snow Drift, Sargent, Zumi"	15-25' +	15-25'	4	high	medium	medium	high	rounded to oval	varies with cultivar	"fruit varies with cultivar"	yellow	fruitless or persistent fruit only, showy in spring

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Parrotia	Parrotia persica	Vanessa	20-30'	15-20'	4	medium	high	medium	high	upright vase	insignificant	insignificant	yellow-orange-red	slow growing
Flowering Cherry, Kwanzan	Prunus serrulata	Kwanzan	20-25' +	15-20'	5	medium	medium	low	medium	vase shaped	double deep pink	"sterile flowers do not produce fruit"	yellow	blossoms are showy in the spring
"Flowering Cherry, Akebono"	Prunus x yedoensis	Akebono	20-25' +	20-25'	5	medium	medium	low	medium	spreading	double, light pink	black purple	yellow	blossoms are showy in the spring
Flowering Pear, Korean Sun	Pyrus fauriei	Korean Sun, Westwood	10-15' +	15-Oct	4	medium	medium	moderate	high	compact rounded	white in spring	"yellow green small"	red-purple	better branch attachment than most flowering pears
Flowering Pear, Jack	Pyrus calleryana	Jaczam Jack	15-20' +	10-12'	5	medium	high	medium	high	compact oval	white	"yellow green small"	yellow	ideal under utility lines
Flowering Pear, Prairie Gem	Pyrus ussuriensis	Prairie Gem, MorDak	20-25' +	20-25'	3	medium	high	medium	high	oval to rounded	white	"yellow green small"	yellow	hardy flowering pear cultivar
Lilac, Peking Lilac *	Syringa pekinensis	China Snow, Summer Charm	20-25' +	15-20'	3	medium	medium	low	high	rounded	"creamy white fragrant dense clusters"	dry capsules	yellow	attractive exfoliating, amber colored bark
Lilac, Japanese Tree Lilac *	Syringa reticulata	Ivory Silk	20-25' +	15-20'	3	low	medium	medium	high	"upright oval/ rounded"	"creamy white fragrant dense clusters"	dry capsules	yellow	tolerant of urban conditions
Linden, Summer Sprite	Tilia cordata	Summer Sprite Linden	18-20' +	12-15'	3	low	medium	medium	high	dense pyramidal	tiny yellow fragrant in spring	"gray nutlets with bracts"	yellow	perfect for confined urban spaces
Zelkova, City Sprite *	Zelkova serrata	City Sprite	20-24' +	15-18'	5	medium	high	low	medium	"compact oval to vase"	insignificant	insignificant	yellow	perfect for confined urban spaces
Zelkova, Wireless *	Zelkova serrata	Wireless	20-24' +	30-35'	5	medium	high	low	medium	"flat topped broad spreading"	insignificant	insignificant	reddish orange	ideal under utility lines, better in 5' parkstrips

Notes:

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* Proven Performer

+ Trees to be planted under utility lines

References:

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LIST B - MEDIUM STREET AND SHADE TREES

COMMON NAME	BOTANICAL NAME	ACCEPTABLE CULTIVARS	"MATURE HEIGHT"	"CANOPY SPREAD"	USDA HARDINESS ZONE	SALT TOLERANCE	DROUGHT TOLERANCE	POOR DRAINAGE TOLERANCE	ALKALINITY TOLERANCE	SHAPE	FLOWERS	FRUIT	FALL COLOR	ADDITIONAL NOTES
Maple, Hedge	Acer campestre	Metro Gold, Queen Elizabeth	25-35'	25-35'	5	high	medium	medium	high	"oval/round dense"	small, green-yellow in spring, insignificant	green samaras	yellow	doesn't tend to get leaf scorch
Maple, State Street	Acer miyabei	State Street, Rugged Ridge	30-45'	30-35'	4	low	high	medium	high	"oval to rounded"	small, green-yellow in springs, insignificant	green samaras	yellow-orange	hardy, tough, pest free maple
European Alder	Alnus glutinosa		40-50	20-40'	3	low	medium	high	medium	pyramidal	drooping male catkins	"small woody cones"	none	tolerates a wide range of soils
Hornbeam, Fastigate	Carpinus betulus 'Fastigiata'	Fastigiata	30-40'	20-30	4	low	medium	medium	medium	oval vase	catkins	clusters of small nutlets in bracts	yellow-orange	smooth gray bark with fluting
Yellowwood *	Cladrastis kentukea	American, Perkins Pink	30-50'	30-50'	4	medium	medium	medium	high	round	"large hanging fragrant white or pink flowers"	flat papery pod	yellow	very showy flowers in late spring, smooth gray bark
Turkish Filbert	Corylus colurna		40-50'	15-35'	4	low	medium	medium	high	pyramidal	insignificant	edible nut		tolerant tree once established
Hardy Rubber Tree	Eucommia ulmoides	Emerald Point	35-40'	15-20'	4	medium	high	high	high	narrow oval	insignificant	winged seed	none	"tolerates a wide range of soil conditions, glossy green leaves"
Ginkgo *	Ginkgo biloba	"Autumn Gold, Princeton Sentry, Magyar, Colonade"	40-45'	15-30'	4	medium	high	medium	high	pyramidal	insignificant	fruitless	yellow-golden	"tolerant of a wide range of soil conditions, adapts well to urban environments"
Honeylocust *	Gleditsia triacanthos inermis	"Street Keeper, Skyline, Shademaster, Northern Acclaim, Sunburst, Perfection"	35-50'	20-40'	3	high	high	high	high	pyramidal to round dependent on cultivar	insignificant yet smell very sweet	reported as fruitless	golden yellow	small fine leaves give filtered shade
Goldenrain *	Koelreuteria paniculata		30-40'	30-40'	5	high	high	medium	high	round	"very showy bright yellow flowers in upright clusters"	"black seed in papery capsule"	yellow-orange	tough adaptable tree
"Osage Orange, White Shield"	Maclura pomifera	White Shield, Wichita	30-25'	30-35'	4	medium	high	medium	high	"upright spreading"	none	none	yellow	tough tolerant, thornless, fruitless

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Mulberry, Fruitless	Morus alba	Fruitless Mulberry	30-50'	30-50'	4	high	high	high	high	"wide spreading"	small yellowish green	fruitless	none	tough tolerant tree
Hophornbeam	Ostrya virginiana	Autumn Treasure, Sun Beam	25-40'	20-30'	3	medium	medium	low	high	"oval to rounded"	brown-green in summer	hop-like sac	yellow	"mature smooth gray bark exfoliates to reveal orange inner bark"
Amur Corktree *	Phellodendron amurense	Macho, Eye Stopper, His Majesty	30-45'	30-60'	3	medium	high	medium	high	rounded broad spreading	non showy yellow-green	pea sized black	yellow	once established very tolerant to urban conditions
Mayday Tree	Prunus padus	Merlot	30-40'	18-30'	3	medium	medium	low	medium	"pyramidal to round"	showy white pendulous	pea sized black	yellow	showy in spring
Flowering Pear	Pyrus calleryana	Aristocrat, Autumn Blaze, Capital, Chanticleer, Trinity	30-40'	12-28'	5	medium	high	medium	high	upright to pyramidal	white in spring	small fruit	redish	good fall color
Littleleaf Linden	Tilia cordata	Greenspire	40'	35'	3	low	medium	medium	high	pyramidal	pale yellow in spring	nutlet	yellow	flowers are fragrant
Linden, Crimean	Tilia x euchlora		40-50'	20-30'	3	low	medium	medium	high	"rounded pyramidal"	fragrant creamy yellow	"gray nutlets with bracts"	yellow	reported to have more resistance to aphids
Elm, Emerald Flair	Ulmus parvifolia	Emerald Flair	40-45'	30-35'	4	medium	high	medium	high	spreading vase	insignificant	"flat round samara"	red-orange red	has better red fall color than most cultivars
Elm, Emerald Sunshine	Ulmus propinqua	Emerald Sunshine	30-35'	20-25'	5	unknown	high	unknown	unknown	vase	inconspicuous	"small, flat, papery"	yellow	tolerant of all urban conditions
Elm, Frontier *	"Ulmus. carpinifolia and U. parvifolia."	Frontier	30-40'	20-30'	4	medium	high	medium	high	upright, vase	inconspicuous	"small, flat, papery"	"burgandy-purplish"	tolerant of all urban conditions

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LIST C - LARGE STREET AND SHADE TREES

COMMON NAME	BOTANICAL NAME	ACCEPTABLE CULTIVARS	"MATURE HEIGHT"	"CANOPY SPREAD"	USDA HARDINESS ZONE	SALT TOLERANCE	DROUGHT TOLERANCE	POOR DRAINAGE TOLERANCE	ALKALINITY TOLERANCE	SHAPE	FLOWERS	FRUIT	FALL COLOR	ADDITIONAL NOTES
Black Maple	Acer nigrum		60-75'	40-50'	4	medium	high	low	high	oval to rounded	green-yellow in spring, insignificant	Green samaras	"yellow-orange-red"	"similar to sugar maple but more heat and drought tolerant"
Maple, Sycamore	Acer pseudoplatanus		40-55'	35-55'	4	high	high	medium	high	round	small green-yellow in spring, insignificant	green samaras	yellow	Gray flaking bark
Hornbeam	Carpinus betulus	"Emerald Avenue, Frans Fontaine"	40-60'	15-40'	4	low	medium	medium	medium	"narrow fastigate to broadly pyramidal"	insignificant	"nutlets in papery bracts"	yellow	very symmetrically shaped
Catalpa *	Catalpa speciosa		50-70'	20-50'	4	medium	high	medium	high	irregular open	white with spots inside	long slender	yellow	beautiful when in flower
Hackberry *	Celtis occidentalis	Chicagoland	40-60'	40-60'	3	medium	high	medium	high	rounded spreading	insignificant	purple drupe	pale yellow	tolerates both wet and dry conditions
Honeylocust *	Gleditsia triacanthos inermis	"Street Keeper, Skyline, Northern Acclaim"	40-45'	20-35'	3	high	high	high	high	pyramidal to round	insignificant yet smell very sweet	reported as fruitless	golden yellow	small fine leaves give filtered shade
Kentucky Coffee *	Gymnocladus dioicus	"Espresso, Prairie Titan, Stately Manor"	60-80'	40-45'	3	medium	high	medium	high	irregular open	"Greenish white, female are fragrant"	seedless	yellow	leaves drop early in the fall
Tulip Tree	Liriodendron tulipifera		60-70'	30-50'	4	low	medium	medium	medium	broad conical	yellow with orange bands	"dry brown oblong"	golden yellow	flowers somewhat hidden by leaves
Oak, Bur	Quercus macrocarpa		60'-70'	60'-70'	3	high	high	medium	high	broad rounded	insignificant	acorn	yellow brown	acorns can be a nuisance
Oak, English *	Quercus robur		50-70'	50-70'	5	high	medium	medium	high	broad rounded	insignificant	acorn	none	tolerant of alkaline soils
Oak, Chinkapin	Quercus muehlenbergii	Red Autumn	40-60'	50-60'	5	low	high	medium	high	oval to rounded	insignificant	acorn	"yellow brown or red"	tolerant of alkaline soils
Oak, Shumard	Quercus shumardii		40-60'	30-40'	5	medium	high	medium	high	oval	insignificant	acorn	brownish red	does well in wet and dry soil
Japanese Pagoda Tree	Sophora japonica	Halka Millstone	45'	35'	4	medium	medium	medium	high	rounded to oval	white	seeds pods	green-yellow	tolerates many soil types and conditions, seed pods can be messy
Linden, Silver *	Tilia tomentosa	"Sterling Silver, Green Mountain, Satin Shadow"	50-70'	25-40'	4	medium	medium	medium	high	pyramidal	fragrant creamy yellow	"gray nutlets with bracts"	yellow	best heat and drought tolerant of all lindens

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Elm, Commendation *	"Ulmus (japonica x wilsoniana Morton) x (pumila x carpinifolia)"	Commendation	50-70'	40-50'	4	high	high	high	high	pyramidal	insignificant	flat round samara	yellow	fast growing but not wild
Elm, Green stone *	Ulmus davidiana 'JFS KW2UD'	Greenstone	50-60'	40-50'	4	unknown	unknown	unknown	unknown	upright vase	insignificant	"flat round samara"	yellow	strong branch attachments at open angles
Elm, New Horizon *	"Ulmus japonica x pumila 'New Horizon' "	New Horizon	50-55'	30-40'	3	high	medium	med	high	upright oval	insignificant	"flat round samara"	yellow	proven rugged street tree
Elm, Accolade *	"Ulmus japonica x wilsoniana 'Morton' "	Accolade	50-60'	30-40'	5	medium	high	low	high	arching vase	insignificant	"flat round samara"	yellow	excellent DED resistance
Elm, Triumph *	"Ulmus wilsoniana, U. japonica, and U. pumila"	Triumph	50-60'	40-45'	4	medium	high	high	high	upright oval to vase	insignificant	"flat round samara"	yellow	very dark green glossy leaves
Zelkova *	Zelkova serrata	Village Green, Green Vase	40-55'	30-50'	5	medium	high	low	medium	vase	insignificant	"small wingless drupe"	rusty red	"mature smooth gray bark exfoliates to reveal orange inner bark"

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LIST D - PROHIBITED TREES

COMMON NAME	BOTANICAL NAME	ADDITIONAL NOTES
American Elm	Ulmus americana	Exceptions are provided for species and cultivars that are resistant to Dutch Elm disease, such as 'Frontier', 'New Harmony' and 'New Horizon' cultivars.
Birch	Betula sp.	
Box Elder	Acer negundo	Exception provided for Acer negundo 'Sensation', an improved cultivar with characteristics that may be suitable for street trees in particular.
Russian Olive	Elagnus angustifolia	
Siberian Elm	Ulmus pumilla	
Silver Maple	Acer saccharinum	
Tree of Heaven	Alianthus	
Blue Spruce	Picea sp.	

Notes:

Other tree species may be prohibited at the discretion of the Community Development Director.