

City of Oconomowoc Street Tree Recommended Species List

The City of Oconomowoc lies within the USDA Hardiness Zone 5a. This means that plants thrive and perform well in cold hardiness zones 1 to 5a (-15 to -20^o F). Street trees have been selected based upon hardiness to withstand urban conditions such as drought, salt tolerance, planting space, soil conditions, soil pH, insect and disease resistance, etc. Each planting site and conditions in the City right-of-way should first be evaluated by the City Forester before selecting the right tree in the right place. The City right-of-way is located between the street curb and the sidewalk.

The following is a list of recommended acceptable trees for medians and cut out areas along the street. There are many new hardy cultivars added yearly at the nurseries. Additional requested cultivars not on this list will need approval by the City Forester. Species selected is subjected to plant availability at the nursery.

SMALL SIZED STREET TREES (30' Maximum Height)

Suitable right-of-way areas for the following species shall be 5' minimum to 6' maximum right-of-way width with a 25' minimum spacing requirement. The smaller sized trees would also be acceptable for planting in wider right-of-ways and under wires as well. Trees best suited for median boulevard areas are noted next to the species and should be used solely for that purpose.

<u>SPECIES NAME</u>	<u>SCIENTIFIC NAME/CULTIVAR</u>	<u>SIZE (HxW)</u>	<u>GROWTH & HABITS</u>
Downy Serviceberry	<i>Amelanchier x grandiflora</i>		
Autumn Brilliance Serviceberry	'Autumn Brilliance'	20x25	Medium growth rate white flowers, red fall color
Cole's Select Serviceberry	'Cole's Select'	20x15	Medium growth rate, white flowers, orange-red fall color
Robin Hill Serviceberry	'Robin Hill'	30x15	Medium growth rate, white flowers, bright red fall color
Allegheny Serviceberry	<i>Amelanchier laevis</i>		
Cumulus Serviceberry	'Cumulus'	25x15	Medium growth rate, white flowers, orange-scarlet fall color
Snow Cloud Serviceberry	'Snowcloud'	25x20	Medium growth rate, white flowers, coppery orange fall color
Spring Flurry Serviceberry	'Spring Flurry'	35x20	Medium growth rate, great street tree, white flowers, orange fall color
Canadian Serviceberry	<i>Amelanchier canadensis</i>		
Spring Glory Serviceberry	'Sprizam'	12x8	Vigorous upright growth habit, blooms white flowers early spring
Cockspur Thornless Hawthorn (<i>Spring dig only</i>)	<i>Crataegus crusgalli</i> 'Inermis'	25x25	Median tree only, green glossy leaves, white flowers, orange fall color
Winter King Hawthorn (<i>Spring dig only</i>)	<i>Crataegus viridus</i> (few thorns)	25x25	Median tree only, slow to medium growth, white flowers, scarlet fall color
Amur Maackia	<i>Maackia amurensis</i>		
Starburst Amur Maackia	'Starburst'	25x20	Slow growing, white flowers, vase shaped, yellow fall color
Summertime Amur Maackia	'Summertime'	20x15	Slow growing, white flowers, upright rounded, yellow fall color
MaacNificent Maackia	'JFS-Schichtel1'	30x22	Upright vase shape, green foliage with silver tint
Native Flame American Hornbeam (<i>Spring dig only</i>)	<i>Carpinus caroliniana</i> 'JFS-KW6'	30x20	Upright, oval formal shape, bright red fall color

<u>SPECIES NAME</u>	<u>SCIENTIFIC NAME/CULTIVAR</u>	<u>SIZE (HxW)</u>	<u>GROWTH & HABITS</u>
Flowering Crabapple	<i>Malus spp.</i>		Disease resistant varieties
White flowers w/red fruit			
Adirondack Crabapple	'Adirondack'	18x12	Upright, dense inverted cone shape, outstanding flower display
Red Jewel Crabapple	'Jewelcole'	15x12	White flowers, red fruit persist until spring, upright pyramidal shape
Sugar Tyme Crabapple	'Sutyzam'	18x15	Upright, spreading oval, white flowers, red fruit persist until spring
White flowers w/yellow/orange fruit			
Lancelot Crabapple	'Lanzam'	10x8	Upright, oval, dwarf crabapple
Harvest Gold Crabapple	'Hargozam'	20x15	Upright, oval, fruit persist into spring until birds eat them, vigorous grower
Pink/red flowers w/purple/red fruit			
Centurion Crabapple	'Centzam'	25x15	Upright, pyramidal shape, red flowers and fruit, strong branching
Gladiator Crabapple	'Gladiator'	20x9	Upright, pink flowers with red-purple fruit
Pink Spires Crabapple	'Pink Spires'	20x12	Red-purple foliage turning to green-bronze in summer and copper in fall
Red Barron Crabapple	'Red Barron'	18x8	Columnar shape, purple foliage fading to bronze green, red flowers and fruit
Rejoice Crabapple	'Rezjam'	20x10	Upright, narrow, little maintenance required, bronze-green foliage
Royal Raindrops Crabapple	'JFS-KW5'	20x15	Upright, spreading, one of the prettiest red-purple leafed crabs
Sentinel Crabapple	'Sentinel'	20x12	Upright, vase shaped, dark green glossy foliage
Japanese Tree Lilac	<i>Syringa reticulata</i>		All flower every other year
Ivory Silk Japanese Tree Lilac	'Ivory Silk'	25x15	Medium growth, creamy white flowers in June
Snowcap Japanese Tree Lilac	'Snowcap'	20x15	Pyramidal, compact, creamy white flowers
Ivory Pillar Japanese Tree Lilac	'Ivory Pillar'	25x15	Upright, narrow, pyramidal, creamy white flowers
Summer Snow Japanese Tree Lilac	'Summer Snow'	20x25	Rounded, creamy white flowers
Peking Lilac	<i>Syringa pekinensis</i>		
Beijing Gold Tree Lilac	'Zhang Zhiming'	20x15	Upright spreading, arching branches, yellow flowers in clusters, yellow fall color
Summer Charm Tree Lilac	'DTR 124'	20x15	Upright spreading, arching branches, creamy white flowers, yellow fall color
Callery Pear	<i>Pyrus calleryana</i>		Fast growth, white flowers, glossy green foliage, good fall color
Autumn Blaze Callery Pear	'Autumn Blaze'	30x30	Fast growth, white flowers, rounded, red/purple fall color
Cleveland Select Callery Pear	'Cleveland Select'	30x15	Best pear, white flowers, fast grower, reddish purple fall color, pyramidal form
Lindsey's Skyward Bald Cypress	<i>Taxodium distichum</i> 'Skyward'	25x10	Upright columnar shape, deciduous evergreen, rusty orange fall color
Summer Sprite Linden	<i>Tilia cordata</i> 'Halka'	20x15	Slow growth, pyramidal form, yellow fall color

MEDIUM SIZED STREET TREES (30' to 50' in height)

The medium sized trees listed are best suited for terrace areas 5' to 7'+ wide for adequate root space and should be spaced 35' to 50' apart.

<u>SPECIES NAME</u>	<u>SCIENTIFIC NAME/CULTIVAR</u>	<u>SIZE (HxW)</u>	<u>GROWTH & HABITS</u>
Thornless Honeylocust	<i>Gleditsia triacanthos var. inermis</i>		
Northern Acclaim Honeylocust	'Harve'	35x35	Symmetrical, upright, yellow fall color
Imperial Honeylocust	'Impcole'	35x35	Rounded, graceful branches, formal shape, yellow fall color
Sunburst Honeylocust	'Suncole'		Broad, irregular shape, yellow to green leaves
True Shade Honeylocust	'True Shade'	40x35	Broadly oval, fast grower, yellow fall color
Skyline Honeylocust	'Skycole'	45x35	Upright, oval, golden yellow fall color
Perfection Honeylocust	'Perfection'	50x35	Slightly broader than Skyline but not as spreading
Shademaster Honeylocust	'Shademaster'	45x35	Vase shaped to rectangular in outline, compound fine textured leaves
Spectrum Honeylocust	'Speczam'	35x35	Rounded, green foliage with bright yellow tips
Ironwood (American Hophornbeam) (Spring dig only)	<i>Ostrya virginiana</i>	40x25	Upright, pyramidal, yellow fall color
Emerald Avenue Hornbeam (Spring dig only)	<i>Carpinus betulus 'JFS-KW1CB'</i>	40x28	Broadly pyramidal, deep green foliage, yellow fall color
Pyramidal European Hornbeam (Spring dig only)	<i>Carpinus betulus 'Fastigiata'</i>	35x25	Dense, compact, narrow to oval, dark green leaves, yellow fall color
American Yellowwood (Spring dig only)	<i>Cladrastis kentuckea</i>	40x40	Fragrant, creamy white flowers, compound leaves, smooth gray bark, slow growing
Macho Amur Cork Tree	<i>Phellodendron amurense 'Macho'</i>	45x40	Broadly ovate shape, compound leaves, bright yellow fall color, medium growth
Eye Stopper Cork Tree	<i>Phellodendron lavallei 'Longenecker'</i>	40x35	Upright, then spreading rounded crown, compound leaves, bright yellow fall color
Turkish Filbert (Spring dig only)	<i>Corylus colurna</i>	45x30	Pyramidal shape, yellow fall color, rough silvery bark
Black Tupelo	<i>Nyssa sylvatica</i>	45x25	Broadly pyramidal shape, dark brown bark, yellow, orange, purple fall color
Gold Rush Dawn Redwood	<i>Metasequoia glyptostroboides 'Gold Rush'</i>	50x20	Deciduous evergreen, narrow, conical shape, bright yellow leaves all season
Bloodgood London Planetree	<i>Platanus x acerifolia 'Bloodgood'</i>	50x40	Broadly pyramidal shape, maple like foliage, exfoliating brown/green/tan bark
Ginkgo or Maidenhair Tree (males only)	<i>Ginkgo biloba</i>		Slow growers, fan shaped leaves, yellow fall color, males are seedless
Autumn Gold Ginkgo	'Autumn Gold'	45x35	Pyramidal, best cultivar of ginkgos, golden yellow fall color
Halka Ginkgo	'Halka'	45x40	Pyramidal to oval, bright yellow fall color
Magyar Ginkgo	'Magyar'	50x25	Narrow, pyramidal, bright yellow fall color, medium growth rate
Princeton Sentry Ginkgo	'Princeton Sentry'	40x15	Narrow, pyramidal, bright yellow fall color
Golden Colonnade Ginkgo	'Golden Colonnade'	45x25	Narrow oval shape, bright yellow fall color
Presidential Gold Ginkgo	'Presidential Gold'	50x40	Broadly pyramidal to oval shape, bright yellow fall color
Chanticleer Pear	<i>Pyrus calleryana 'Glen's Form'</i>	40x15	Upright, pyramidal, white flowers, red fall color, one of the hardiest pears

<u>SPECIES NAME</u>	<u>SCIENTIFIC NAME/CULTIVAR</u>	<u>SIZE (HxW)</u>	<u>GROWTH & HABITS</u>
Aristocrat Callery Pear	<i>Pyrus calleryana</i> 'Aristocrat'	40x28	Pyramidal with open, spreading branches, deep red fall color, white flowers
American Linden	<i>Tilia americana</i>		
Lincoln Linden	'Lincoln'	35x25	Slender-upright compact form, dark green leaves
American Sentry Linden	'McKSentry'	45x30	Uniform, pyramidal, yellow fall color, Japanese beetle resistance
Boulevard Linden	'Boulevard'	50x25	Tall and narrow, pyramidal, fragrant yellow flowers
Legend Linden	'DTR 123'	40x30	Broadly pyramidal, well spaced branching, medium green leaves
Crimean Linden	<i>Tilia x euchlora</i> 'Crimean'	50x25	Broad, pyramidal, glossy green leaves
Harvest Gold Linden	<i>Tilia mongolica</i> 'Harvest Gold'	40x25	Upright, rounded, golden yellow fall color, fast
Silver Linden	<i>Tilia tomentosa</i>		
Sterling Silver Linden	'Sterling'	45x35	Broad pyramidal, silvery-white undersides on leaves, Jap. beetle resistance
Green Mountain Silver Linden	'PNI 6051'	45x35	Broad pyramidal, silvery-white undersides on leaves, Jap. beetle resistance
Corinthian Littleleaf Linden	<i>Tilia cordata</i> 'Corzam'	45x15	Upright, pyramidal shape, dark green leaves, Jap. beetle resistance
Glenleven Linden	<i>Tilia x flavescens</i> 'Glenleven'	50x35	Open, conical, fragrant yellow flower, yellow fall color
Elm Hybrids (DED resistant)	<i>Ulmus spp.</i>		All are typically fast growers
Discovery Elm	'Discovery'	45x35	Upright, oval to vase shaped, arching, yellow fall color
Frontier Elm	'Frontier'	50x35	Upright, vase shaped, burgundy fall color
Pioneer Elm	'Pioneer'	50x50	Broad pyramidal to rounded w/age, larger leaves
Cathedral Elm	'Cathedral'	50x50	Broadly vase shaped, yellow fall color
Everclear Elm	<i>Ulmus parvifolia</i> 'BSNUPF'	40x15	Columnar to vase shape, dark green glossy leaves
Prospector Elm	<i>Ulmus wilsonia</i> 'Prospector'	45x30	Fast grower, vase shaped, dense
Kentucky Coffeetree	<i>Gymnocladus dioica</i>		
Espresso Kentucky Coffeetree	'Espresso'	50x35	Upright, oval, arching, lacy bluish green compound leaves
Baumanii European Horsechestnut (Spring dig only)	<i>Aesculus hippocastanum</i> 'Baumanii'	50x40	Symmetrical, round shape, compound leaves, double white flowers in the spring
Hackberry (Spring dig only)	<i>Celtis occidentalis</i>		
Chicagoland Hackberry	'Chicagoland'	45x40	Broad, pyramidal, yellow fall, pebbly gray bark
Windy City Hackberry	'Windy City'	40x45	Upright, spreading, yellow fall, pebbly gray bark
Prairie Sentinel Hackberry	'JFS-KSU1'	45x12	Tightly columnar shape, cold and heat adaptable, medium green foliage
Turkish Filbert (Spring dig only)	<i>Corylus colurna</i>	50x30	Broad, pyramidal, teardrop shaped
Sunset Buckeye (Spring dig only)	<i>Aesculus glabra</i> 'J.N. Select'	35x35	Oval, few seeds, orange red fall color
Crimson Spire Oak (Spring dig only)	<i>Quercus x</i> 'Crimschmidt'	45x15	Hybrid of English and white oak, dark green foliage, red fall color, fast growth

<u>SPECIES NAME</u>	<u>SCIENTIFIC NAME/CULTIVAR</u>	<u>SIZE (HxW)</u>	<u>GROWTH & HABITS</u>
Regal Prince Oak (<i>Spring dig only</i>)	<i>Quercus robur x bicolor warei</i> 'Long'	45x18	Columnar to upright oval, silver under leaves
Streetspire Oak (<i>Spring dig only</i>)	<i>Quercus robur x alba</i> 'JFS-KW1QX'	45x14	Narrow columnar shape, rusty red fall color
English Oak (<i>Spring dig only</i>)	<i>Quercus robur</i>		
Skyrocket English Oak	'Fastigiata'	45x15	Uniform narrow shape, dark green leaves
Skymaster English Oak	'Pyramich'	50x25	Narrow to pyramidal, strong central leader
Heritage Oak (<i>Spring dig only</i>)	<i>Quercus x macdanielii</i> 'Clemons'	50x40	Hybrid of English oak and bur oak, broadly pyramidal to oval shape

LARGE SIZED STREET TREES (50'+ in height)

The large sized trees are best suited for terrace areas 8'+ wide for adequate root space and should be spaced 50' apart.

<u>SPECIES NAME</u>	<u>SCIENTIFIC NAME/CULTIVAR</u>	<u>SIZE (HxW)</u>	<u>GROWTH & HABITS</u>
Baldcypress (<i>tree boxes</i>)	<i>Taxodium distichum</i>		Deciduous evergreen
Shawnee Brave (<i>Spring dig only</i>)	'Mickelson'	55x20	Narrow, pyramidal, likes wetter sites
Dawn Redwood	<i>Metasequoia glyptostroboides</i>	70x25	Deciduous evergreen, feathery light green needles, red brown exfoliating bark
Kentucky Coffeetree (males only)	<i>Gymnocladus dioica</i>	60x60	Upright, oval, lacy compound leaves, ugly duckling shape at start to swan over time
Silver Linden	<i>Tilia tomentosa</i>	65x50	Broadly conical to ovate shaped, symmetrical, silvery foliage
Satin Shadow	'Sashazam'	60x40	Pyramidal shape, symmetrical branching, dark green leaves w/silver undersides
American Elm (<i>DED resistant</i>) (<i>Spring dig only</i>)	<i>Ulmus americana</i>		Medium to fast growers, yellow fall color
New Harmony Elm	'New Harmony'	70x60	Medium to fast grower, broadly vase shaped
Princeton Elm	'Princeton'	65x50	Symmetrical, upright, large leathery leaves
Valley Forge Elm	'Valley Forge'	70x60	Classic vase shaped, upright arching, yellow fall color
Jefferson Elm	'Jefferson'	70x50	Deep green foliage, upright vase shaped, yellow fall color
Elm Hybrids (<i>DED resistant</i>)	<i>Ulmus japonica x</i>		All elm hybrids are fast growing
New Horizon Elm	<i>Ulmus x pumila</i> 'New Horizon'	55x40	Upright oval, slightly arching, symmetrical form
Regal Elm	'Regal'	60x30	Open growth habit, strong central leader
Elm Hybrids (<i>DED resistant</i>)	<i>Ulmus spp.</i>		
Accolade Elm	'Accolade'	60x40	Vase shaped, arching, glossy leaves emerge red, good insect and disease resistance
Homestead Elm	'Homestead'	55x35	Upright arching, narrow oval shape
Triumph Elm	'Morton Glossy'	55x45	Upright oval to vase shape, glossy leaves, arching
Danada Charm Elm	'Danada Charm'	70x60	Vase shape, red tinged spring leaves to dark green
Patriot Elm	'Patriot'	70x60	Stiffly upright, vase shaped
Swamp White Oak (<i>Spring dig only</i>)	<i>Quercus bicolor</i>	65x60	Slow to medium growth, upright oval, 1" acorns

SPECIES NAME**Chinkapin Oak** (*Spring dig only*)**Hackberry** (*Spring dig only*)

Ultra Common Hackberry

London Planetree (*Spring dig only*)

Exclamation London Planetree

Ovation London Planetree

Freeman Maple

Marmo Maple

Sienna Glen Maple

Sugar Maple

Autumn Fest Maple

Rugged Ridge Maple**SCIENTIFIC NAME/CULTIVAR***Quercus muehlenbergii**Celtis occidentalis*

'Ulzam'

Platanus x acerifolia

'Morton Circle'

'Morton Euclid'

Acer x freemanii

'Marmo'

'Sienna'

Acer saccharum

'JFS-KW8'

Acer miyabei 'JFS-KW3AMI'**SIZE (HxW)**

75x75

60x50

60x50

60x45

60x50

55x45

60x40

50x35

55x40

GROWTH & HABITS

Open, rounded, yellow orange brown fall color

Upright, vase shape, pebbly light gray corky bark

Broadly rounded, stronger grower than the original species, dark green foliage

Attractive brown/green/tan exfoliating bark, fast growth

Attractive brown/green/tan exfoliating bark, rounded shape, fast growth

Fast growth, hybrid of red and silver maple

Broadly oval, silver maple type leaves, orange to orange-red fall color

Pyramidal, tough low maintenance tree, rusty orange to burgundy fall color

Upright oval, dark green foliage, orange red to red fall color

Upright oval shape, deeply furrowed bark, dark green foliage, yellow fall color