

# CITY OF WOODLAND

## RECOMMENDED STREET TREE PLANTING LIST

Right-of-Way Permit and Tree Approval Required Prior to Planting

**Small Trees:** Appropriate under lower wires/power lines. Good for planting strips with limited space.

Botanical name Common Name	Height in feet	Spread in feet	Flowers	Fall Color	Comments/Notes
<i>Acer ginnala</i> 'Flame' Amur Maple	20	20	yellow	red	Select or prune for single stem; can be multi-trunked.
<i>Acer grandidentatum</i> 'Schmidt' Rocky Mt. Glow Maple	25+	15	not noticeable	intense red	
<i>Acer palmatum</i> Japanese Maple	20	24	small red	yellow, orange, red	Hundreds of varied cultivars. Can be slow growing.
<i>Amelanchier grandiflora</i> 'Princess Diana'	20	15	white	bright red	Good for limited space.
<i>Amelanchier x grandiflora</i> 'Autumn Brilliance' Serviceberry	20	15	white	bright red	Reliable bloom.
<i>Cercis canadensis</i> Eastern Redbud 'Forest Pansy'	25	30	red	yellow	Blooms before leaves are out.
<i>Cornus kousa</i> 'Chinensis' Chinese Kousa Dogwood	20	20	white	reddish to scarlet	Most resistant to disease of the dogwoods.
<i>Magnolia x loebneri</i>	20	20	large white	yellow	Several cultivars.
<i>Magnolia grandiflora</i> 'Little Gem'	15	10	white	evergreen	Useful where larger varieties are inappropriate.
<i>Parrotia persica</i> 'Vanessa' Persian Parrotia	30	20	showy stamens	yellow - orange red	Select or prune for single stem; can be multi-trunked.
<i>Cornus x 'Venus'</i>	30	18-20	Large White	yellow, red, orange	May require more water in summer, particularly during dryer weather.
<i>Cornus x 'Starlight'</i>	30	23	White	Red	Densely branched with oval crown.
<i>Zelkova</i> 'City Sprite'	25	20	not noticeable	Gold, yellow	Compact shape, great for smaller planting strips or where height and width pose a potential danger.
<i>Syringa</i> 'Ivory Silk'	20-25	15-20	White		Blooms late spring-early summer with long pinnacles of creamy white flowers.

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**Small/Medium Trees:** Appropriate under higher wires/power lines (management required to maintain clearance under lower power lines). Good for standard 5-foot planting strips.

Botanical name Common Name	Height in feet	Spread in feet	Flowers	Fall Color	Comments/Notes
<i>Acer campestre</i> Hedge Maple	30	30	not noticeable	yellow	
<i>Acer campestre</i> 'Evelyn' Queen Elizabeth Maple	35	30	not noticeable	yellow	More upright branching than the species.
<i>Acer griseum</i> Paperbark Maple	25	20	not noticeable		Smooth, peeling, cinnamon colored bark
<i>Acer truncatum</i> x <i>A. Platanoides</i> 'Kiethsform' Norwegian Sunset	35	25	yellow	yellow-orange/red	
<i>Acer truncatum</i> x <i>A. platanoides</i> 'Warren's Red' Pacific Sunset-	30	25	yellow	yellow-orange/red	
<i>Arbutus</i> 'Marina'	25	15	pink	evergreen	Good substitute for Pacific Madrone. May exceed 25' height under some conditions.
<i>Crataegus crus-galli</i> 'Inermis' Thornless Cockspur Hawthorn	25	30	small white	orange to scarlet	Red persistent fruit.
<i>Crataegus</i> x <i>lavalii</i> Lavalle Hawthorne	28	20	small white	bronze	Thorns on younger trees.
<i>Crataegus phaenopyrum</i> Washington Hawthorn	25	20	Small white	scarlet	Thorny.
<i>Koelreuteria paniculata</i> Goldenrain Tree	30	30	bright yellow	yellow	Midsummer blooming.
<i>Lagerstromieia</i> Crepe Myrtle	30	15	Pink	Red, orange	Can stain cars and pavement, should be used sparingly
<i>Magnolia grandiflora</i> 'Victoria'	25	20	white	evergreen	
<i>Pistacia chinensis</i>	25-35	25-35		Orange, red	
<i>Sorbus aucuparia</i> 'Mitchred' Cardinal Royal Mt. Ash	35	20	white	rust	Bright red berries.
<i>Sorbus</i> x <i>hybridia</i> Oakleaf Royal Mt. Ash	30	20	white	rust	
<i>Styrax japonica</i> Japanese Snowbell	25	25	white	yellow	Plentiful, green 1/2" seeds.
<i>Tilia cordata</i> 'De Groot' Linden	30	20	pale yellow	yellow	Compact, suckers less than other Lindens.

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**Medium/Large Trees:** Not appropriate under wires/powerlines. Good for planting strips 5-feet or larger. (wider planting strips recommended where space allows).

Botanical name Common Name	Height in feet	Spread in feet	Flowers	Fall Color	Comments/Notes
<i>Acer freemanii</i> Autumn Blaze Maple	50	40	not noticeable	orange	
<i>Acer nigrum</i> 'Green Column' Green Column Maple	50	20	not noticeable	yellow to orange	Good close to buildings
<i>Acer platanoides</i> 'Columnar'	40	15	yellow	yellow	Good close to buildings
<i>Acer platanoides</i> 'Emerald Queen'	50	40	yellow	yellow	
<i>Acer platanoides</i> 'Parkway'	40	25	yellow	yellow	
<i>Acer rubrum</i> 'Bowhall' Bowhall Maple	40	15	red	yellow- orange	
<i>Acer rubrum</i> 'Karpick' Karpick Maple	35-40	20	Red	Red, yellow- orange	May work under very high power lines with city approval.
<i>Acer rubrum</i> 'Scarsen' Scarlet Sentinel Maple	40	20	not noticeable	yellow- orange	
<i>Acer pseudoplatanus</i> 'Atropurpureum' Spaethii Maple	40	30	yellow	not significant	Leaves green on top purple underneath.
<i>Aesculus x carnea</i> 'Briotii' Red Horsechestnut	30	35	large 10'' red clusters	no	Resists heat and drought better than other horsechestnuts.
<i>Carpinus betulus</i> 'Fastigiata' Pyramidal European Hornbeam	35	25	not noticeable	yellow	
<i>Fagus sylvatica</i> 'Dawyck Purple' Dawyck Purple Beech	40	12	not noticeable	no	Purple foliage.
<i>Betula jacquemontii</i> Jacquemontii Birch	40	30	cream/tan	yellow	White bark makes for good winter interest.
<i>Ginkgo biloba</i> 'Autumn Gold'	45	35	not noticeable	yellow	
<i>Ginkgo biloba</i> 'Princeton Sentry'	40	15	not noticeable	yellow	Very narrow growth.
<i>Nothofagus antarctica</i> Southern Beech	50	35	not noticeable	none	Rugged twisted branching and petite foliage.
<i>Oxydendron arboreum</i> Sourwood	35	12	white, not noticeable	red	Consistent and brilliant fall color.

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**Medium/Large Trees (continued):** Not appropriate under wires/powerlines. Good for planting strips 5-feet or larger. (wider planting strips recommended where space allows).

Botanical name Common Name	Height in feet	Spread in feet	Flowers	Fall Color	Comments/Notes
<i>Gleditsia triacanthos</i> Shademaster Honeylocust	45	35	not noticeable	yellow	Do not confuse with 'Sunburst'.
<i>Quercus</i> 'Crimschmidt' Crimson Spire Oak	45	15	not noticeable	red, reddish-brown	Hard to find.
<i>Quercus Ilex</i> Holly Oak	20	20	not noticeable	red	Prune to keep small, leave it alone to grow large.
<i>Prunus sargentii</i> 'Columnarus'	35	15	pink	orange to orange-red	The cherry with the best fall color.
<i>Prunus cerasifera</i> 'Thundercloud' Plum	20	20	light pink	Dark purple	Dark purple foliage.
<i>Tilia americana</i> 'Redmond'	35	20	fragrant	yellow	Pyramidal, needs water.
<i>Robinia x ambigua</i> 'Idahoensis' Pink Idaho Locust	35	25	rose pink	yellow	Fragrant flowers.
<i>Tilia cordata</i> 'Chancole' Chancelor Linden	35	20	not noticeable	yellow	Pyramidal.
<i>Tilia cordata</i> 'Greenspire' Greenspire Linden	40	30	yellow	yellowish	Symmetrical, pyramidal form.

**Medium/Large Trees:** Not appropriate under wires/powerlines. Approved for planting strips greater than 5-feet.

Botanical name Common Name	Height in feet	Spread in feet	Flowers	Fall Color	Comments/Notes
<i>Acer saccharum</i> 'Legacy' Sugar Maple	50	35	not noticeable	yellow or orange/red	Limited use - where sugar maple is desired in standard planting strips
<i>Liquidambar styraciflua</i> 'Festival' Festival Sweetgum	40	20	green, yellow	yellow orange/red	Light green foliage.
<i>Liquidambar styraciflua</i> 'Worplesdon' Worplesdon Sweetgum	40	25	not noticeable	purple orange	Finger like leaf lobing.
<i>Liriodendron tulipifera</i> 'Arnold' Tulip tree	40	10	Yellow-Green	yellow	Good next to buildings.
<i>Quercus coccinea</i> Scarlet Oak	50	40	Yellow	red	
<i>Quercus robur</i> English Oak	50	40	not noticeable	yellow/brown	
<i>Quercus robur</i> 'fastigiata' Skyrocket Oak	45	15	not noticeable	yellow- brown	Columnar variety of oak.
<i>Quercus rubra</i> Red Oak	50	45	not noticeable	red	
<i>Zelkova serrata</i> 'Greenvase' Green Vase Zelkova	50?	50	not noticeable	orange	Vigorous.
<i>Zelkova serrata</i> 'Village Green'	40	38	not noticeable	Rusty red	

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**Large Trees:** Not appropriate under wires/power lines. Approved for planting strips greater than 5-feet.

Botanical name Common Name	Height in feet	Spread in feet	Flowers	Fall Color	Comments/Notes
<i>Acer saccharum</i> 'Bonfire'	50	40	not noticeable	bright orange red	Fastest growing sugar maple.
<i>Acer saccharum</i> 'Commemoration'	50	35	not noticeable	orange to orange-red	Resistant to leaf tatter.
<i>Acer saccharum</i> 'Green Mountain'	45	35	not noticeable	red to orange	
<i>Cercidiphyllum japonicum</i> Katsura Tree	40	40	not noticeable	red to orange	
<i>Fagus sylvatica</i> Green Beech	50	40	not noticeable	bronze	Silvery-grey bark.
<i>Liriodendron tulipifera</i> Tulip Tree	60	30	yellow-greenish	yellow	Fast growing bark.
<i>Nothofagus antarctica</i> Southern Beech	50	10	not noticeable	Orange, yellow	Sturdy and adaptable. Does well in the cold.
<i>Nyssa sylvatica</i> Tupelo	70+	20	not noticeable	apricot to bright red	Handsomely chunky bark.
<i>Platanus x acerifolia</i> 'Liberty (Island)'	50	45	not noticeable	red	
<i>Platanus x acerifolia</i> 'Yarwood' Yarwood Planetree	50	40	green, red	yellow- brown	High resistance to powdery mildew
<i>Quercus bicolor</i> Swamp White Oak	100	80	not noticeable	varies	Shaggy peeling bark
<i>Quercus palustris</i> "Crownright"	80	40	not noticeable	red	More upright form of Pin Oak.
<i>Ulmus</i> 'Homestead' Homestead Elm	60	35	not noticeable	yellow	
<i>Ulmus</i> 'Pioneer' Pioneer Elm	60	50	not noticeable	yellow	Resistant to Dutch elm disease.

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TREES PROHIBITED FOR STREET PLANTING IN WOODLAND		
<ul style="list-style-type: none"> <li>· <i>Albizia julibrissin</i> (silk tree, mimosa). Vulnerable to fatal canker attacks in Woodland.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Betula alba</i> (white birch, weeping white birch). Regular aphid infestations - probably will not kill the tree, but sticky “honeydew” drips and makes a mess. Do not plant where people park their cars. Note: Many trees get aphids, birch is always more heavily attacked. <i>Catalpa</i>. Brittle wood. Roots are tough on sidewalks.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Crataegus oxyacantha</i> a.k.a. <i>C. laevigata</i>. (Including Paul’s Scarlet and several named varieties). Has aphid problem. Some cultivars are especially susceptible to the black spot fungus, which may defoliate the tree by July.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Gleditsia triacanthos</i> (honey locust). Thorny – select only named cultivars, such as “Shademaster”, “Skyline” or “Imperial”. Plant in wide planting strips.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Juglans nigra</i>, <i>J. regia</i> (black walnut, English walnut). Messy fruit. <i>J. nigra</i> roots are destructive.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Liquidambar styraciflua</i> (sweetgum). Roots are particularly destructive to sidewalks. They need an especially wide planting strip. Using named cultivars may lessen sidewalk conflicts.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Platanus spp.</i> (London plane, sycamore). Destructive to paving, roots heave sidewalks. May invade sewers; best with wide planting strips or cobble paving. They are susceptible to anthracnose diseases.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Quercus paulustris</i> (pin oak). Lower limbs keep growing downward, and require lots of pruning when used as street trees. ‘Crownright’ is a variety that should be used to avoid this problem.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Sophora japonica</i> (pagoda tree). In Woodland, it is highly susceptible to canker attack, which is often fatal.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Ulmus americana</i>. <i>U. parvifolia</i>, <i>U. pumila</i> (American elm, Chinese elm, Siberian elm). American elm is highly vulnerable to Dutch elm disease. This disease is expected to kill the elms in this area. Newer disease resistant varieties may be approved for street planting. Chinese and Siberian elms have brittle wood, and are prone to storm damage.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Conifer trees</i> are not typically recommended for standard 5’ foot wide planting strips associated with residential street planting. The lower limbs can cause visibility/safety problems at driveways, alleys, intersections, signs, and signals. The planting of Conifers is encouraged on appropriate private property sites.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Acer negundo</i>, <i>Acer saccharinum</i>, <i>Acer macrophyllum</i> (boxelder, silver maple, and big leaf maple). Break badly in storms.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Ailanthus altissima</i> (tree of heaven). Roots are invasive, brittle wood, suckers freely, (produces new trees off of the root system, which may create a maintenance problem in the yard).</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Alnus rubra</i> (red alder). Brittle wood. Favorite of tent caterpillars.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Malus</i>. Fruiting apples. Fruit on walks</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Prunus</i>. Fruiting cherries. Fruit on walks</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Pyrus</i>. Fruiting pears. Fruit on walks.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Populus spp.</i> (Poplars). Tops are brittle and break up easily in storms.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Robinia pseudoacacia</i> (black locust) Thorny, brittle.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Salix spp.</i> (willows, including weeping). Roots are particularly hard on sewers.</li> </ul>		
<ul style="list-style-type: none"> <li>· <i>Fraxinus</i> – per DNR, all varieties. Host to the Emerald Ash Borer (EAB; <i>Agrilus planipennis</i>)</li> </ul>		