

City of Elgin -Street Tree Planting Requirements February 22, 2019

Tree Planting

Planting of Street Trees is required.

1. All City owned trees and shrubs shall be planted at the approval and direction of the City and in accordance with ANSI A300 (Part 6) latest edition. Contact Engineering & Forestry prior to selecting, planting, or trimming trees by calling 311 or 847-931-6131.
2. Guidelines for tree spacing:
Trees shall be placed no more than forty feet (40') apart. In subdivisions, this requirement is for both sides of any newly constructed street. The distance may be greater in the following areas. No tree shall be planted closer than fifty feet (50') of any right-of-way intersection, closer than one hundred feet (100') from any traffic control device (traffic light), closer than fifteen feet (15') from street lights, closer than ten feet (10') from fire hydrants, from driveways, b-boxes & underground utility structures. Additionally, trees may need to be withheld from corners where sound engineering practice requires longer sight lines. Trees shall be shown on the final engineering plans as to minimize conflicts with underground utilities.
3. Trees selected for planting shall be locally grown within a 100-mile radius of the City of Elgin. The contractor installing the trees shall supply the City with a letter stating where the trees were grown. They shall be true to species and variety specified by the City of Elgin planting list and shall be tagged with the scientific and common names. The contractor installing the trees shall supply the City with a letter stating where the trees were grown. They shall be healthy, free of insects and disease and shall be of proper form conforming to the American Association of Nurseryman's Standard for Nursery Stock ANSI Z 60.1 latest edition. The City reserves the right to tag trees in the ground.
4. A list of trees is included here. Contact City of Elgin Forestry for the most current list. The City reserves the right to remove any tree or individual variety from the list. When a cultivar is listed after a species, only those cultivars may be supplied.

The following trees shall have a minimum diameter of 2.5" measured 6" off of the ground at the time of planting.

Acer buegerianum –Trident Maple

Acer campestre – Hedge Maple

Acer x freemaai 'Jeffersred'– Autumn Blaze Maple or 'Marmo' Maple

Acer Miyabe – 'Morton' -State Street Maple

Acer saccharum – Sugar Maple

Acer saccharum var nigrum – Black Maple

Aesculus x carnea – Red Buckeye

Aesculus glabra – Ohio Buckeye

Aesculus hippocastanum – Horse Chestnut

Cecidiphyllum japonicum – Katsuratree

Carpinus japonica – Japanese Hornbeam

Catalpa speciosa – Northern Catalpa

Celtis occidentalis – Hackberry

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Cercis Canadensis – Eastern redbud
Ginkgo biloba – Ginkgo ‘Autumn Gold’, ‘Magyar’, or ‘Saratoga’
Gleditsia triancanthos inermis – ‘Skyline’, ‘Moraine’, or ‘Imperial’ Honeylocust
Gymnocladus dioicus – Kentucky Coffeetree male only ‘Expresso’, Prairie Titan, or Stately Manor’
Liriodendron tulipifera – Tuliptree`
Juglans nigra – Black Walnut
Platanus x acerfolia – Morton Euclid ‘Ovation’ or Morton Circle ‘Exclamation’
Phellodendron amurense – Amur Corktree ‘Macho’ or ‘Shademaster’
Prunus maackii – Amur Chokecherry
Prunus serotina – Black Cherry
Quercus bicolor – Swamp White Oak
Robinia pseudoacacia – ‘Benjamin’ 2.5”
Syringa reticulata – ‘Ivory Silk’ Japanese Tree Lilac
Syringa pekinensis - Peking Lilac ‘Beijing Gold’, ‘Morton or China Snow’
Taxodium distichum – Bald Cypress
Tilia americana – Basswood
Tilia euchlora – Crimean Linden
Tilia tomentosa – Silver Linden
Ulmus davidiana var. japonica ‘Prospector’
Ulmus parvifolia – Lacebark Elm
Ulmus x ‘Morton Glossy’ - Triumph Elm
Ulmus x Morton – Accolade Elm
Ulmus x ‘Morton Red Tip Elm’ – Danada Charm Elm
Ulmus x ‘Morton Stalwart’ – Commendation Elm
Ulmus x ‘New Horizon’ – New Horizon Elm

The following trees may have a minimum diameter of 2” measured 6” off of the ground at the time of planting.

Aesculus x arnoldia – Autumn Splendor Horse Chestnut
Aesculus octrandra (flava) – Yellow Buckeye
Aesculus x carnea – Red Buckeye
Aesculus pavia – Red Buckeye
Castanea dentata – American chestnut
Carpinus caroliniana – American Hornbeam
Carya cordiformis – Bitternut Hickory
Carya ovata – Shagbark Hickory
Cladrastris kentuckiana lutea – Yellowwood
Corylus colurna – Turkish Filbert
Fagus sylvatica – European Beech cultivars ‘Asplenifolia’, ‘Dawyck Purple’, Riversii’, ‘Spaethian’, or ‘Tricolor’
Liquidambar styraciflua – Sweet Gum
Maackia amurensis – Amur maakia
Magnolia acuminata – Cucumber Magnolia
Nyssa sylvatica – Black Gum
Ostrya virginiana – Ironwood

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Quercus alba – White Oak
Quercus ellipsoidalis – Hills or Northern Pin Oak
Quercus imbricaria – Shingle Oak
Quercus macrocarpa – Bur Oak
Quercus montana – Chestnut Oak
Quercus muelenbergii – Chinkapin Oak
Quercus robur – English Oak
Quercus rubra – Red Oak
Quercus velutina – Black Oak

5. Trees planted under utility wires shall be smaller stature when mature. Contact City of Elgin Forestry for a current list of acceptable trees.
6. Diversity requirements: In an effort to have greater diversity of planting, the following is the minimum requirement.

When planting

- One to three street trees (1 to 3): a minimum of one (1) tree variety from the acceptable list.
 - Four to five street trees (4 to 5): a minimum of two (2) different trees species from two (2) different genera will be required.
 - Six to nine trees (6 to 9): a minimum of three (3) different trees species from two (2) different genera will be required.
 - Ten to twenty-four trees (10 to 24): a minimum of four (4) different trees species from three (3) different families will be required.
 - Twenty Five to forty-nine trees (25 to 49): a minimum of six (6) different trees species from four (4) different genera and three (3) different families will be required.
 - Fifty or more trees (50 or more): a maximum of 25% from one family, 16% from one genus, and 8% from one species.
7. Trees in common areas of a subdivision shall be planted within one year of obtaining the first building permit.
 8. Trees planted adjacent to constructed lots in a subdivision shall be planted within one year of occupancy.
 9. Trees determined to be unsatisfactory by the City of Elgin shall be required to be removed and replaced by the Contractor with the same or larger size tree and species originally planted, within thirty (30) days of written notification by the City of Elgin.
 10. Trees shall be trimmed annually until accepted by the City. This trimming shall conform to ANSI Z133 and A300 latest edition. The goal is to prune for clearance, single leader, and long term tree health.

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- a. Canopy elevations will be performed to improve the general appearance of the tree and the street, as well as to provide adequate clearance of the streets and sidewalks. State requirements shall be followed when applicable. Extreme care must be taken to maintain a visually aesthetic shape and appearance.
 - b. All trees not posing a hazard to road traffic shall be elevated to an easy walking clearance of no less than ten (10) feet on sidewalks, curbs, and driveways, also providing access to and from parked cars.
 - c. Trees on primary and secondary access roads shall be elevated to a height of no less than fourteen (14) feet over said road.
 - d. All tree branches obstructing traffic control devices and signs shall be trimmed back to allow vehicular and pedestrian traffic a clear line of sight.
 - e. All waterspouts, and trunk sprouts shall be removed from all main leaders from a tree if the sprout is lower than fifteen (15) feet from ground level.
 - f. Three (3) feet of overhead clearance, and three (3) feet of side clearance will be trimmed away from any utility service line providing that the line is not an OSHA EHAP electrical hazard.
11. For Tree Pruning & Removal, contact Forestry at 311 for approval of all City owned trees.