



Forestry Division
Parks & Forestry Operations Center
403 E. Center St.
Rochester, MN. 55904
507-328-2515

2017 City of Rochester Approved Boulevard Trees

Below is a comprehensive list of all species currently approved by the City of Rochester for boulevard and Right of Way (ROW) tree planting. Property owners must obtain a Tree Planting Permit prior to planting. All trees desired by owner from the approved planting list may not be allowed due to tree diversity in the area, site conditions, or planting space restrictions. The planting permit will define the authorized trees and locations for planting.

Follow the provided planting specifications to ensure that the tree planted lives a long life.

Boulevard Tree Planting Specifications

- *Trees must be a minimum of 1.5" caliper.*
- *Clumps are not permitted in the ROW or boulevard, single stem only.*

Trees MUST be planted at least:

10 feet from driveways

12 feet from any above ground utilities

25 feet from intersections of sidewalks

25 feet from existing small stature boulevard trees

35 feet from existing large stature boulevard trees or future boulevard planting locations

20 feet from light poles and power poles

For information on how to plant your specific boulevard tree, please use this planting guide from Purdue University as a reference:

<https://www.extension.purdue.edu/extmedia/fnr/fnr-433-w.pdf>

Contact us for more information at:

507-328-2515 or ForestryService@rochestermn.gov

2017 City of Rochester Approved Boulevard Trees

* Denotes Native to Minnesota

***Alder**

Alnus spp.

Height: 30-50'

Width: 20-40'

Hardiness Zone: 3 to 7

Description: Oval narrow crown, yellow fall color, ornamentally attractive 'cones' in winter, nitrogen fixer.

***Birch, River**

Betula nigra

Height: 40-70'

Width: 40-60'

Hardiness Zone: 4 to 9

Description: Rounded crown, yellow exfoliating bark provides winter interest, yellow fall color, fairly fast growing. Single stem only, clumps are not permitted in the boulevard or city ROW.

Buckeye, Ohio

Aesculus glabra

Height: 20-40'

Width: 20-35'

Hardiness Zone: 3 to 7

Description: Rounded crown, yellow to orange fall color, attractive bark texture and large distinct buds provide winter interest. Ohio buckeye's have a prickly husk enclosing a buckeye nut.

Catalpa, Northern

Catalpa speciosa

Height: 40-70'

Width: 20-50'

Hardiness Zone: 4 to 8

Description: Asymmetrical, narrow oval to open rounded crown, yellow fall color. Showy white bell shaped flower with purple and yellow spotting appear May and June followed by long, green seed pods.

***Cherry, Black**

Prunus serotina

Height: 50-80'

Width: 30-60'

Hardiness Zone: 3 to 9

Description: Narrow columnar to narrow rounded crown, yellow/rose fall color, attractive scale-like bark. Produces a showy, white fragrant flower in April and May followed by a 3/8" diameter very dark purple fruit, attracts birds.

Cherry, Amur Choke

Prunus maackii

Height: 20-30'

Width: 18-25'

Hardiness Zone: 2 to 6

Description: Dense and broadly rounded crown, yellow fall color, attractive, exfoliating golden to russet brown bark. Produces fragrant white flowers in 6-10 flower clusters in April and May followed by 1/4" diameter black cherry fruit



***Coffee tree, Kentucky - Seedless Selection Only**

Gymnocladus dioica

Height: 60-80'

Width: 40-55'

Hardiness Zone: 3 to 8

Description: Open oval to vase shape canopy, fall color is yellow. No serious insect or disease problems.

Cultivars include: Espresso, Stately Manor

Corktree, Amur - Seedless Selection Only

Phellodendron amurense

Height: 30-45'

Width: 30-60'

Hardiness Zone: 3 to 7

Description: Rounded, broad spreading crown, yellow fall color, lovely corky bark. No serious insect or disease problems.

Cultivars include: Macho, Shademaster or Superfection

***Crabapple**

Malus spp.

Height: 15-30', varies by species

Width: 15-25', varies by species

Hardiness Zone: 3 to 8

Description: Rounded, broad, spreading crown, fall color and intensity will vary by species. Flowering tree with small fruit that may persist into winter. Textured, scale-like bark. Due to the amount of cultivars available select cultivar that meets these requirements: 15ft or larger at maturity, fruit size is 1/2" or less or has persistent fruit, and has good to excellent disease resistance against scab, fireblight, cedar apple rust, and mildew.

Cultivars include: Adams, Donald Wyman, Harvest Gold, Indian Magic, Prairie Fire, Profusion, Red Jewel, Royal Raindrops, Snowdrift, Sugar Tyme, Zumi Calocarpa, other cultivars upon approval.



Filbert, Turkish

Corylus colurna

Height: 40-80'

Width: 30-50'

Hardiness zone: 4 to 7

Description: Pyramidal crown, yellow fall color. Some mature trees develop peeling bark that exposes orange beneath. Produces showy, edible fruit, no serious disease or insect issues.

Ginkgo – Seedless selections only

Ginkgo biloba

Height: 40-50'

Width: 25-30'

Hardiness Zone: 3 to 8

Description: Pyramidal crown with uniform, bright yellow fall color, no serious insect or disease problems.

Cultivars include: Autumn Gold, Magyar, Princeton Sentry

***Hackberry**

Celtis occidentalis

Height: 40-60'

Width: 40-60'

Hardiness Zone: 2 to 9

Description: Vase shaped, rounded crown with fall yellow color, grey, ridged, warty bark. Produces small, berry like fruit that attract birds.

***Hawthorne, thornless**

Crataegus crus-galli

Height: 20-30'

Width: 20-35'

Hardiness Zone: 3 to 7

Description: Dense and broadly rounded form, orange to scarlet fall color, white showy flowers in May lead to small 3/8" diameter attractive rounded fruit that may persist into late fall.



***Hickory, shagbark**

Carya ovata

Height: 70-90'

Width: 50-70'

Hardiness Zone: 4-8

Description: Irregular, oval-rounded crown, yellow to golden brown fall color, textured 'shaggy' bark peels off in long, vertical strips. Produces edible, oval rounded nuts. No serious insect or disease problems.

***Hickory, bitternut**

Carya cordiformis

Height: 50-80'

Width: 30-50'

Hardiness Zone: 4 to 9

Description: Broadly columnar form, yellow fall color, textured, fissured bark. Produces inedible, rounded nuts. No serious insect or disease problems.

***Honeylocust, Thornless - Seedless Selection Only**

Gledistia triacanthos var. inermis

Height: 60-80'

Width: 60-80'

Hardiness Zone: 3 to 8

Description: Broad spreading crown, yellow fall color. On mature trees, bark breaks into thin, flat longitudinal ridges. Produces a twisted dark purple-brown seed pods. Dappled shade is produced by leaflets in summer.

Cultivars include: Northern Acclaim, Skyline, Shademaster, Sunburst

***Hop hornbeam/Ironwood**

Ostrya virginiana

Height: 25-40'

Width: 20-30'

Hardiness Zone: 3 to 9

Description: Rounded crown, yellow fall color, reddish-brown bark peels in longitudinal strips, produces hop-like seed bearing pods



***Hornbeam, American**

Carpinus caroliniana

Height: 20-35'

Width: 20-35'

Hardiness Zone: 3 to 9

Description: Globular crown with yellow, orange, and red fall color. Grey, fluted bark resembles flexing muscles. Slender, zigzag branches form an impressive winter silhouette. Leaves may persist into winter. No serious insect or disease problems.



Horsechestnut

Aesculus hippocastanum

Height: 50-75'

Width: 40-65'

Hardiness Zone: 3 to 8

Description: Upright, oval crown with yellow fall color. Large distinctive buds. Produces showy white flowers in May followed by prickly husks enclosing 1-2 inedible horsechestnuts.

Horsechestnut, red

Aesculus glabra

Height: 30-40'

Width: 25-35'

Hardiness Zone: 5 to 8

Description: Upright, oval crown with yellow fall color. Large distinctive buds. Produces very showy red flowers in May followed by prickly husks enclosing 2 to 3 inedible horsechestnuts.

Lilac, Japanese Tree

Syringa reticulata

Height: 20-25'

Width: 30-50'

Hardiness Zone: 3 to 7

Description: Rounded crown, yellow fall color, glossy red-brown bark with elongated white lenticels. Produces creamy white, densely clustered, fragrant flowers in May and June. Attracts hummingbirds and butterflies. No serious insect or disease problems.



Linden, American

Tilia americana

Height: 50-80'

Width: 15-20'

Hardiness Zone: 2 to 8

Description: Oval, rounded crown with yellow fall color. Produces fragrant, pale yellow flowers in June. Attracts butterflies.

Maackia, Amur

Maackia amurensis

Height: 20-30'

Width: 20-30'

Hardiness Zone: 3 to 7

Description: Broad, rounded crown, yellow fall color. Copper bronze, exfoliating bark and flat seed pods 2-3". No serious insect or disease problems.



Magnolia, cucumber

Magnolia acuminata

Height: 40-60'

Width: 20-20'

Hardiness Zone: 3 to 8

Description: Pyramidal when young, matures to rounded. Fall color is tan to yellow. Produces large distinctive buds and green tinted flowers in April and May followed by small and 'cucumber-like' fruit and turns pink-red in late summer.

Magnolia, star

Magnolia stellata

Height: 15-20'

Width: 10-15'

Hardiness Zone: 4 to 8

Description: Spreading, rounded crown, yellow-gold fall color. Produces large distinctive buds and star shaped, white flowers in March.



***Maple, black**

Acer saccharum subsp. nigrum

Height: 60-75'

Width: 40-60'

Hardiness Zone: 4 to 8

Description: Dense, rounded crown. Fall color is yellow, orange, and red. Tree sap may be tapped for syrup that is equal in quality to that obtained from sugar maple.

***Maple, red**

Acer rubrum

Height: 40-70'

Width: 30-50'

Hardiness zone: 4 to 8

Description: Rounded to oval crown. New growth, leaves, leafstalks, twigs, winter buds, flowers, fruit and fall color are tinged with red.

***Maple, sugar**

Acer saccharum

Height: 40-80'

Width: 30-60'

Hardiness zone: 3 to 8

Description: Dense, rounded crown, bright yellow-orange fall color. Sap is used for maple syrup.

Mountain ash, European

Sorbus aucuparia

Height: 20-40'

Width: 8-20'

Hardiness zone: 3 to 6

Description: Narrow, upright, oval crown. Has yellow to reddish-purple fall color. Showy white flowers are produced in May. Clusters of red fruit in fall may persist into early winter. Attracts birds.

Mountain ash, Korean

Sorbus alnifolia

Height: 40-50'

Width: 20-25'

Hardiness zone: 3 to 7

Description: Dense, pyramidal to round crown. Yellow fall color. Showy white flowers bloom in May flowered by clusters of red fall fruit that may persist into winter.

***Oak, black**

Quercus velutina

Height: 50-60'

Width: 50-60'

Hardiness zone: 3 to 8

Description: Globular, spreading crown with yellow to yellow-brown to dull red fall color. Produces acorns. Attracts wildlife.

***Oak, bur**

Quercus macrocarpa

Height: 50-80'

Width: 60-80'

Hardiness zone: 3 to 8

Description: Broad spreading, rounded crown with yellow-brown fall color. Produces acorns. Attracts wildlife.

Oak, chinkapin

Quercus muehlenbergii

Height: 40-60'

Width: 50-70'

Hardiness zone: 5 to 7

Description: Open, globular crown with yellow-brown fall color. Produces acorns. Attracts wildlife.

Oak, English

Quercus robur

Height: 40-70'

Width: 40-70'

Hardiness zone: 5 to 8

Description: Broad spreading, rounded crown with brown fall color. Leaves may persist into winter. Produces acorns. Attracts wildlife.

***Oak, Northern Pin**

Quercus ellipsoidalis

Height: 50-70'

Width: 40-60'

Hardiness zone: 4 to 7

Description: Cylindrical shape and rounded crown with red fall color. Produces acorns. Attracts wildlife.

***Oak, red**

Quercus rubra

Height: 50-75'

Width: 50-75'

Hardiness zone: 4 to 8

Description: Rounded, spreading, often irregular crown with red fall color. Produces acorns. Attracts wildlife.

***Oak, swamp white**

Quercus bicolor

Height: 50-60'

Width: 50-60'

Hardiness zone: 3 to 8

Description: Broad, rounded crown with yellow, bronze fall color. Has attractive peeling bark when young. Leaves may persist throughout winter. Produces acorns. Attracts wildlife.

***Oak, white**

Quercus alba

Height: 50-80'

Width: 50-80'

Hardiness zone: 3 to 9

Description: Pyramidal structure when young but matures to broad, rounded crown. Fall color varies from brown to red and leaves may persist throughout winter. Produces acorns. Attracts wildlife.

Plum 'Princess Kay'

Prunus nigra

Height: 15-30'

Width: 8-10'

Hardiness zone: 2 to 6

Description: Oval crown with bright red and yellow fall color. White showy early spring flowers.



Redbud, eastern

Cercis canadensis

Height: 20-30'

Width: 25-30'

Hardiness zone: 4 to 8

Description: Rounded, spreading crown with pale yellow fall color. Produces stunning, pea-like rosy purple flowers that bloom on bare branches in April.



Serviceberry 'Autumn Brilliance'

Amelanchier x grandiflora

Height: 15-25'

Width: 15-25'

Hardiness zone: 4 to 9

Description: Oval, vase shaped crown with red, orange, and yellow fall color. Produces a showy white flower in April. Attracts birds. No serious insect or disease problems. Single stem only, clumps not permitted.



Yellowwood, American

Cladrastis kentukea

Height: 30-50'

Width: 40-50'

Hardiness zone: 4 to 8

Description: Oval crown with yellow to gold fall color. Produces clusters of fragrant white pendulous flowers in May.