

Quick Reference to Arboricultural Specification and Standards for the City of Helena

Updated May 216

Section 9: Approved and Prohibited Tree Species List

Only deciduous trees with a single trunk are allowed in boulevards. Preferred boulevard trees will be hardy to this climate, tolerant of salt and road pollution, do not drop fruit, have sturdy branches and are not shallow rooted. The current list of permitted species and prohibited species is below and will change as new species are either determined to be suitable for the Helena area or determined to be detrimental. **Use of other trees is not discouraged but must be approved through the permit process.**

Trees permitted for boulevards in the Helena area

<u>CLASS</u>	<u>COMMON NAME</u>	<u>BOTANICAL NAME</u>
I	Canada Red Chokecherry	Prunus Virginiana
I	Merlot European Bird Cherry	Prunus padus 'Merlot'
I	Japanese Tree Lilac	Syringa reticulata **'Ivory Silk'
I	Rocky Mountain Maple	Acer glabrum
I	Tatarian Maple	Acer tataricum
I	'Spring Snow' Crabapple	Malus spp. 'spring snow'
I	Fleshy Hawthorn	Crataegus succulent
I	Toba Hawthorn	Crataegus mordenenia 'Toba'
II	Discovery Elm	Ulmus davidiana var. japonica
II	'Morton Glossy' Elm	Ulmus glabrax Triumph cv. 'Morton Glossy'
II	American or Elm hybrid	Ulmus Americana or Ulmus x (accolade, new Horizon, triumph, cathedral, *valley forge, *new harmony, Brandon, autumn gold) (Dutch elm disease resistant)
II	Common Hackberry	Celtis occidentalis
II	Ohio Buckeye	Aesculus glabra
II	Thornless Honeylocust	Gleditsia triacanthos *'northern acclaim'
II	Amur Maackia	Maackia amurensis
II	American Linden	Tilia Americana
II	Little leaf linden	Tilia cordata
II	Norway Maple	Acer platanoides *'helena'
II	Bur oak	Quercus macrocarpa
III	Red Maple	Acer rubrum

*denotes a preferred variety

Trees not permitted for boulevards in the Helena area

<u>COMMON NAME</u>	<u>BOTANICAL NAME</u>
All Cottonwoods, poplars and aspen	Populus spp.
Silver maple	Acer saccharinum
All Willows species	Salix spp.
All Birch species	Betula spp.
Russian Olive	Elaeagnus angustifolia

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Not Permitted continued

COMMON NAME

BOTANICAL NAME

All Conifer Species

Various

All multi stemmed species

Various

Tree classes with spacing requirements

- Class I:** Ultimate height to thirty feet (30'), spacing approximately twenty to thirty feet (20-30'). For use where boulevard width is three feet (3') to six feet (6') or where there are overhead utility lines.
- Class II:** Ultimate height forty feet (40') to seventy five feet (75'), spacing approximately thirty to forty feet (30-40'); for use where the boulevard width is greater than six feet (6'), or where there are no overhead utility lines
- Class III:** Ultimate height seventy five feet (75') or over, spacing approximately forty feet (40') to fifty five (40-55'); for use where parkway width is eight feet (8') or greater, or where there are no overhead utility lines.

***Note:**

Replanting of trees on existing boulevards may require a variance to the spacing specifications. Variances to the spacing requirements will be determined on a case by case basis through the tree planting permit application process.

Standards for planting

All work will be done according to the ANSI A300 Part 6 –planting and transplanting standards.

NOTE: ALWAYS LOCATE UTILITIES PRIOR TO EXCAVATING. Call: 1-800-424-5555 (or 811).