

TREE AREA B - CHALLENGING SOILS - MEDIUM STREET TREES

Common Name	Botanical Name	Acceptable Cultivars	Mature Height	Canopy Spread	USDA Hardiness Zone	Salt Tolerance	Drought Tolerance	Poor Drainage Tolerance	Alkalinity Tolerance	Shape	Flowers	Fruit	Fall Color	Additional Notes
Maple, Hedge	<i>Acer campestre</i>	Metro Gold, Queen Elizabeth	25-35'	25-35'	5	high	medium	medium	high	oval/round dense	small, green-yellow in spring, insignificant	green samaras	yellow	doesn't tend to get leaf scorch
Yellowwood *	<i>Cladrastis kentukea</i>	American, Perkins Pink	30-50'	30-50'	4	medium	medium	medium	high	round	large hanging fragrant white or pink flowers	flat papery pod	yellow	very showy flowers in late spring, smooth gray bark
Hardy Rubber Tree	<i>Eucommia ulmoides</i>	Emerald Point	35-40'	15-20'	4	medium	high	high	high	narrow oval	insignificant	winged seed	none	tolerates a wide range of soil conditions, glossy green leaves
Ginkgo *	<i>Ginkgo biloba</i>	Autumn Gold, Princeton Sentry, Magyar, Colonade	40-45'	15-30'	4	medium	high	medium	high	pyramidal	insignificant	fruitless	yellow-golden	tolerant of a wide range of soil conditions, adapts well to urban environments
Honeylocust *	<i>Gleditsia triacanthos inermis</i>	Street Keeper, Skyline, Shademaster, Northern Acclaim, Sunburst, Perfection	35-50'	20-40'	3	high	high	high	high	pyramidal to round dependent on cultivar	insignificant yet smell very sweet	reported as fruitless	golden yellow	small fine leaves give filtered shade
Goldenrain *	<i>Koelreuteria paniculata</i>		30-40'	30-40'	5	high	high	medium	high	round	very showy bright yellow flowers in upright clusters	black seed in papery capsule	yellow-orange	tough adaptable tree
Osage Orange, White Shield	<i>Maclura pomifera</i>	White Shield, Wichita	30-25'	30-35'	4	medium	high	medium	high	upright spreading	none	none	yellow	tough tolerant, thornless, fruitless
Mulberry, Fruitless	<i>Morus alba</i>	Fruitless Mulberry	30-50'	30-50'	4	high	high	high	high	wide spreading	small yellowish green	fruitless	none	tough tolerant tree
Amur Corktree *	<i>Phellodendron amurense</i>	Macho, Eye Stopper, His Majesty	30-45'	30-60'	3	medium	high	medium	high	rounded broad spreading	non showy yellow-green	pea sized black	yellow	once established very tolerant to urban conditions
Flowering Pear	<i>Pyrus calleryana</i>	Aristocrat, Autumn Blaze, Capital, Chanticleer, Trinity	30-40'	12-28'	5	medium	high	medium	high	upright to pyramidal	white in spring	small fruit	redish	good fall color
Elm, Emerald Flair	<i>Ulmus parvifolia</i>	Emerald Flair	40-45'	30-35'	4	medium	high	medium	high	spreading vase	insignificant	flat round samara	red-orange red	has better red fall color than most cultivars
Elm, Emerald Sunshine	<i>Ulmus propinqua</i>	Emerald Sunshine	30-35'	20-25'	5	unknown	high	unknown	unknown	vase	inconspicuous	small, flat, papery	yellow	tolerant of all urban conditions
Elm, Frontier *	<i>Ulmus. carpinifolia</i> and <i>U. parvifolia.</i>	Frontier	30-40'	20-30'	4	medium	high	medium	high	upright, vase	inconspicuous	small, flat, papery	burgandy-purplish	tolerant of all urban conditions

All parkstrip trees must be a single trunk form unless approved by the City.

Other tree species may be appropriate with approval from the City.

* Proven Performer

+ Trees to be planted under utility lines

References:

The Morton Arboretum <http://www.mortonarb.org/trees-plants/search-trees/search-all-trees-and-plants>

Missouri Botanical Gardens <http://www.missouribotanicalgarden.org/plantfinder/plantf>

Utah State University Cooperative Extension Tree Browser <https://treebrowser.org>

Cornell Woody Plants Database <http://woodyplants.cals.cornell.edu/home>

J. Frank Schmidt <https://www.jfschmidt.com/introductions>