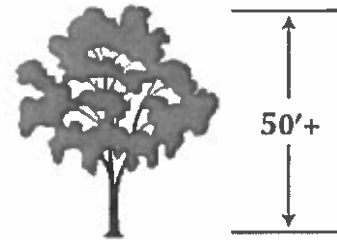


TABLE A - 1
LARGE TREES
 Spacing: 40' minimum
 Parkway Width: 8' minimum



Larger trees are preferred on street parkways for better clearance adaptability. They require more living space.

A Tree species cannot exceed 6% of total tree population within a city block

SCIENTIFIC NAME	COMMON NAME	CULTIVARS
<i>Acer saccharum</i> ³	Sugar Maple	'Green Mountain' 'Fairview' 'Goldspire'
<i>Acer x freemani</i> ^{2,3}	Freeman Maple	
<i>Acer nigrum</i>	Black Maple	
<i>Aesculus hippocastanum</i> ^{2,3}	Horse Chestnut	
<i>Aesculus x carnea</i>	Ruby Red Horse Chestnut	
<i>Carya illinoensis</i>	Pecan	
<i>Celtis occidentalis</i> ²	Hackberry	
<i>Celtis laevigata</i> ^{1,2}	Sugar Hackberry	
<i>Fagus grandifolia</i>	American Beech	
<i>Fagus sylvatica</i>	European Beech	
<i>Ginkgo biloba</i> ²	Ginkgo (male)	
<i>Gymnocladus dioica</i> ^{1,2}	Kentucky Coffee (male)	'Prairie Titan' or Espresso'
<i>Larix decidua</i>	European Larch	
<i>Magnolia acuminata</i>	Cucumber Tree	
<i>Quercus alba</i>	White Oak	
<i>Quercus bicolor</i> ¹	Swamp White Oak	'Regal Prince'
<i>Quercus imbricaria</i> ⁵	Shingle Oak	
<i>Quercus macrocarpa</i> ^{1,4}	Bur Oak	'Heritage'
<i>Quercus cerris</i> ²	Turkey Oak (very rare)	'Argenteovariegata' variegated
<i>Quercus coccinea</i>	Scarlet Oak	Mildew resistant varieties
<i>Quercus phellos</i>	Willow Oak	
<i>Quercus robur</i> ²	English Oak	
<i>Quercus rubra</i> ^{2,3}	Red Oak	
<i>Quercus shumardii</i>	Shumard Oak	
<i>Quercus stellata</i> ⁴	Post Oak	
<i>Quercus muehlenbergii</i> ^{1,2}	Chinkapin Oak	
<i>Sassafras albidum</i>	Sassafras	
<i>Taxodium distichum</i> ¹	Bald Cypress	
<i>Tilia americana</i>	Basswood	
<i>Tilia euchlora</i>	Crimean Linden	
<i>Tilia heterophylla</i>	Beetree Linden	
<i>Tilia platyphyllos</i>	Bigleaf Linden	
<i>Tilia tomentosa</i> ²	Silver Linden	
<i>Tilia petiolaris</i>	Pendent Silver Linden	
<i>Ulmus parvifolia</i> ²	Lacebark Elm	
<i>Ulmus x triumph</i> ²	Triumph Elm	
<i>Zelkova serrata</i>	Zelkova Tree	'Village Green'

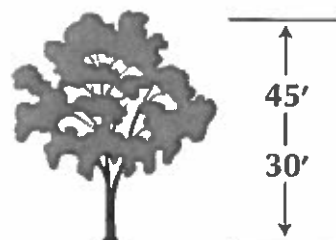
1. Native to Illinois 2. Tolerant to urban conditions 3. Limit use / Over planted genus 4. Tolerant to poor soil conditions

TABLE A - 2

MEDIUM TREES

Spacing: 30' minimum

Parkway Width: 6' minimum



Medium trees are better suited for planting on crowded

City parkways than their larger counterparts.

A Tree species cannot exceed 6% of total tree population within a city block

SCIENTIFIC NAME	COMMON NAME	CULTIVARS
<i>Acer griseum</i>	Paperbark Maple	
<i>Acer miyabei</i> ²	Miyabe Maple	
<i>Acer rubrum</i> ^{2,3}	Red Maple	'Autumn Flame'
		'October Glory'
		'Red Sunset'
		'Schlesinger'
		'Scarlet Sentinel'
		'September Song'
		'Armstrong'
		'Bowhall'
<i>Acer truncatum</i> x <i>platanoides</i>	Shantung Maple	'Pacific Sunset'
<i>Carpinus betulus</i>	European Hornbeam	
<i>Cercidiphyllum japonicum</i>	Katsuratree	
<i>Corylus colurna</i>	Turkish Filbert	
<i>Eucommia ulmoides</i>	Hardy Rubber Tree	
<i>Ginkgo biloba</i> (male only)	Ginkgo (narrow cultivars)	'Princeton Sentry'
<i>Halesia carolina</i>	Carolina Silverbell	
<i>Ostrya virginiana</i> ¹	Ironwood	
<i>Koelreuteria paniculata</i> ²	Goldenrain Tree	
<i>Maclura pomifera</i>	Osage Orange (male, thornless)	'Double O', 'White Shield'
<i>Magnolia kobus</i>	Kobus Magnolia	
<i>Nyssa sylvatica</i>	Black Gum	
<i>Phellodendron amurense</i>	Amur Cork Tree (male only)	'Macho'
		'His Majesity' 'Shademaster'
<i>Ostrya virginiana</i> ¹	Ironwood	
<i>Quercus robur</i>	English Oak (Columnar Cultivars)	Mildew resistant varieties
<i>Sophora japonica</i>	Pagodatree	

1. Native to Illinois 2. Tolerant to urban conditions 3. Limit use / Over planted genus

* Selected cultivars or varieties of suitable form and resistant to scab disease

TABLE A - 3
SMALL TREES

Spacing: 20' minimum
Parkway Width: 5' minimum

Small trees are appropriate in parkway locations where larger trees cannot be properly utilized due to space limitations.



A Tree species cannot exceed 6% of total tree population within a city block

SCIENTIFIC NAME	COMMON NAME	CULTIVARS
<i>Acer campestre</i> ²	Hedge Maple	tree form
<i>Acer palmatum</i> ³	Japanese Maple	
<i>Acer pennsylvanicum</i>	Striped Maple	
<i>Acer tataricum</i> ^{2,3}	Tatarian Maple	
<i>Alnus rugosa</i> ²	Speckled Alder	
<i>Alnus serrulata</i> ²	Hazel Alder	
<i>Amelanchier canadensis</i>	Shadblow Serviceberry	tree form
<i>Amelanchier x grandiflora</i>	Apple Serviceberry	tree form
<i>Amelanchier laevis</i>	Alleghany Serviceberry	tree form
<i>Asimina triloba</i> ³	Common Paw Paw	tree form
<i>Carpinus betulus</i>	European Hornbeam (columnar forms)	
<i>Carpinus caroliniana</i> ¹	American Hornbeam	
<i>Chionanthus virginicus</i> ³	White Fringetree	tree form
<i>Cornus alternifolia</i> ³	Pagoda Dogwood	
<i>Cornus kousa</i> ³	Japanese Dogwood	
<i>Cornus mas</i> ^{2,3}	Cornelian Cherry Dogwood	
<i>Crataegus sp.</i> ²	Hawthorn (thornless varieties)	
<i>Cotinus obovatus</i>	American Smoke Tree	
<i>Maackia amurensis</i>	Amur Maackia	
<i>Magnolia x loebneri</i>	Loebner Magnolia	
<i>Magnolia virginiana</i> ³	Sweetbay Magnolia	Illinois cultivars
		'Mayer'
		'Moonglow'
		'Havener'
<i>Malus spp.</i> ^{* 2,3}	Flowering Crab	Only approved cultivars
<i>Syringa reticulata</i> ^{2,3}	Japanese Tree Lilac	
<i>Syringa pekinensis</i> ³	Pekin Tree Lilac	
<i>Viburnum prunifolium</i> ¹	Blackhaw Viburnum	tree form

1. Native to Illinois 2. Tolerant to urban conditions 3. Generally suitable for planting beneath power lines
4. Limit use / Over planted genus * Selected cultivars or varieties of suitable form and resistant to scab disease

TABLE A - 4
UNDESIRABLE TREES
NOT ALLOWED ON CITY RIGHT OF WAY



The following is a listing of trees common to our area that are undesirable as street or parkway trees. Their lack of suitability is based on undesirable growth habits, fruiting habits, structure, susceptibility to serious diseases or pests, propensity for storm damage and other limitations. The limitations listed for each tree or species are the more serious problems encountered locally. There are many superior street or parkway trees listed in Tables A-1, A-2, and A-3.

SCIENTIFIC NAME	COMMON NAME	PROBLEM OR LIMITATION
<i>Abies</i> spp	Fir	Form - visibility hazard
<i>Acer negundo</i>	Boxelder	Fast growing, weak wooded
<i>Acer platanoides</i>	Norway Maple	Verticillium wilt
<i>Acer saccharinum</i>	Silver/Soft Maple	Subject to rot/storm damage
<i>Ailanthus altissima</i>	Tree of Heaven	Weak wooded, aggressive
<i>Albizia</i> spp	Mimosa	Not hardy, disease prone
<i>Betula</i> spp	Birches	Environmental stress, borers, ice storm damage
<i>Carya</i> spp	Hickory	Littering fruit
<i>Catalpa</i> spp	Catalpa	Littering fruit
<i>Diospyros virginiana</i>	Persimmon	Littering fruit
<i>Elaeagnus angustifolia</i>	Russian Olive	Form, disease
<i>Fraxinus</i>	Ash species	Disease and insect problems
<i>Gleditsia</i> spp	Honeylocust	Serious disease/insect problem
<i>Ginkgo biloba</i> (female)	Maiden Hair Tree	Malodorous fruit
<i>Juglans</i> spp	Walnut	Littering fruit
<i>Juniperus</i> spp	Juniper	Form - visibility hazard
<i>Liquidambar styraciflua</i>	Sweetgum	Littering fruit
<i>Malus</i> spp	Common Apple	Littering fruit
<i>Morus</i> spp	Mulberry	Littering fruit (female)
<i>Paulownia tomentosa</i>	Royal Paulownia	Weak wood, littering fruit
<i>Picea</i> spp	Spruce	Form - visibility hazard
<i>Pinus</i> spp	Pine	Form - visibility hazard
<i>Platanus occidentalis</i>	Sycamore (Amer.)	Disease - twig blight
<i>Populus</i> spp	Poplar	Fast growing, weak wooded
<i>Prunus</i> spp	Cherry and Plum	Littering fruit, disease
<i>Pyrus calleryana</i>	Bradford Pear	Poor branch structure, littering fruit, disease, invasive
<i>Pyrus communis</i>	Common Pear	Littering fruit
<i>Quercus palustris</i>	Pin Oak	Iron chlorosis
<i>Robinia pseudoacacia</i>	Black Locust	Shallow rooted, borers
<i>Salix</i> spp	Willow	Weak wooded, aggressive
<i>Sorbus species</i>	Mountain Ash	Short lived
<i>Thuja</i> spp	Arbor-vitae	Form - visibility hazard
<i>Tsuga</i> spp	Hemlock	Form - visibility hazard
<i>Ulmus pumila</i>	Siberian Elm	Weak wooded, disease

TABLE A-5 TREES FOR DIFFICULT AREAS										
	HEAT TOLERANT SUITABLE FOR ABOVE GROUND CONTAINERS RESTRICTED ROOT AREA COMPACTED SOIL POLLUTION TOLERANT					ALKALINE SOILS DRY SOILS WET SOILS SALT TOLERANT PH TOLERANT				
SMALL		x	x			Amur Maple, <i>Acer ginnala</i>				
		x	x			Apple Serviceberry, <i>Amelanchier X gradiflora</i>				
						Cornelian Cherry Dogwood, <i>Cornus mas</i>				x
						Crabapple, <i>Malus*</i>	x			x
				x	x	Hawthorn (thornless varieties)	x	x		x
				x	x	Hazel Alder, <i>Alnus serrulata</i>		x		
		x	x			Hedge Maple, <i>Acer campestre</i>				x
		x				Japanese Tree Lilac, <i>Syringa reticulata</i>				
				x	x	Tag Alder, <i>Alnus incana var rugosa</i>		x		
						Tatarian Maple, <i>Acer tataricum</i>	x			x
MEDIUM						Amur Corktree, <i>Phellodendron amurense†</i>	x			x
				x	x	Black Alder, <i>Alnus glutinosa</i>	x	x		
	x				x	Goldenrain Tree, <i>Koelreuteria paniculata</i>	x			x
	x				x	Pacific Sunset Maple, <i>Acer x 'Warrenred'</i>	x			x
	x				x	Pagodatre, <i>Sophora japonica</i>	x			
	x					Sawtooth Oak, <i>Quercus acutissima</i>	x	x		x
EVERGREEN						State Street Miyabel Maple, <i>Acer miyabei 'State Street'</i>	x			
						Turkish Filbert		x		x
			x			Limber Pine, <i>Pinus flexilis</i>		x		
LARGE				x		American Sentry Linden, <i>Tilia americana 'American Sentry'</i>		x		
					x	Bald Cypress, <i>Taxodium distichum</i>			x	
						Bur Oak, <i>Quercus macrocarpa</i>	x			x
						Chinkapin Oak, <i>Quercus muehlenbergii</i>	x	x		x
		x			x	English Oak, <i>Quercus robur</i>	x			x
						Freeman Maple, <i>Acer freemanii</i>	x	x		
					x	Ginkgo, <i>Ginkgo biloba</i>			x	x
			x	x		Hackberry, <i>Celtis occidentalis</i>	x	x	x	x
						Heritage Oak, <i>Quercus macrocarpa X Quercus robur</i>	x			x
						Horse Chestnut, <i>Aesculus hippocastanum</i>				x
	x					Kentucky Coffee Tree, <i>Gymnocladus dioica</i>	x		x	x
						Lacebark Elm, <i>Ulmus parvifolia</i>				x
			x	x		Red Oak, <i>Quercus rubra</i>			x	
		x			x	Regal Prince Oak, <i>Quercus robur 'Fasitglata' x Quercus bicolor</i>	x			x
			x			Silver Linden, <i>Tilia tomentosa</i>				x
			x	x		Sugar Hackberry, <i>Celtis laevigata</i>		x	x	x
			x			Swamp White Oak, <i>Quercus bicolor</i>	x		x	
						Triumph Elm, <i>Ulmus x japonica x Ulmus wilsoniana</i>		x		x

* only disease free / improved cultivars, 'Adirondack', 'Camelot', 'Donald Wyman', 'Luwick', 'Prairiefire', 'Professor Sprenger', 'Sinal Fire', 'Sugar Tyme', and 'Sargent'

† only male clone varieties allowed such as 'Macho', 'Shademaster', and 'His Majesty'