

City of Portsmouth Shade Tree Commission
Recommended Street Trees in Public Rows

LARGE SPECIES (45' PLUS): not for under utility wires (**indicates only for large areas)	MEDIUM SPECIES (30-45'): -Continued-
Hybrid Red Maple/Freeman Maple, (Acer x freemanii)	Sourwood (Oxydendron Arboreum)
Norway Maple (Acer platanoides) varieties	Amur Cork Tree (Phellodenron Amurense)
Red Maple (Acer Rubrum) varieties	Sargent Cherry (Prunus Sargentii)
Silver Maple (Acer Saccharium) **	Sawtooth Oak (Quercus Acutissima)
Sugar Maple (Acer Saccharum) varieties	Lacebark Chinese Elm (Ulmus Parvifolia)
Red Oak (Quercus Rubra)	Southern Magnolia (Magnolia Grandiflora)
Sugar Hackberry (Celtis Laevigata)	Little leaf Linden aka Corinthian Linden (Tilia cordata)
Hackberry (Celtis Occidentalis)	
Catalpa (Catalpa Speciosa) **	SMALL SPECIES (15-30'):
Dawn Redwood (Metasequoia Glyptostroboides)	Hedge Maple (Acer Campestre)
Black Gum or Tupelo (Nyssa Sylvatica)	European Hornbeam (Carpinus Betulus)
London Planetree (Platanus Acerifolia)	Trident Maple (Acer Buergeranum)
American Sycamore (Platanus Occidentals)	Amur Maple (Acer Ginnala)
Shumard Oak (Quercus Shumardii)	Canyon Maple (Acer Grandidentatum)
Black Oak (Quercus Velutina)	Paperbark Maple (Acer Griseum)
Ginkgo (Ginkgo Biloba)	Tatarian Maple (Acer Tataricum)
Thornless Honey Locust (Gleditsia Tricanthos)varieties	Shantung Maple (Acer Truncatum)
Kentucky Coffee Tree (Gymnocladus Dioicus)	Sweetbay Magnolia (Magnolia Virginiana)
White Oak (Quercus Alba)	Serviceberry (Amelanchier sp.) tree forms
Swamp White Oak (Quercus Bicolor)	American Hornbeam (Carpinus Caroliniana)
Scarlet Oak (Quercus Coccinea)	Hophornbeam (Ostrya Virginiana)
Shingle Oak (Quercus Imbricaria)	Fringetree (Chioanthus Virginiana)
Chinkapin Oak (Quercus Muehlenbergii)	Kousa Dogwood (Cornus Kousa)
Bur Oak (Quercus Macrocarpa)	Cornelian Cherry (Cornus Mas)
Chestnut Oak (Quercus Prinus)	Smoketree (Cotinus spp.)
Pin Oak (Quercus Palustris) **	Lavalle Hawthorn (Crataegus Lavalley)
Willow Oak (Quercus Phellos)	Thornless Cockspur Hawthorn (Crataegus Crusgalli Inermis)
Japanese Zelkova (Zelkova serrata)	Green Hawthorn (Crataegus Viridis)
Elm, disease resistant (Ulmus spp.)	Amur Maackia (Maackia Amurensis)
Shumard Oak (Quercus Shumardii)	Magnolia Hybrids (Magnolia spp.)
Black Oak (Quercus Velutina)	Amur Corktree (Phellodenron)
Japanese Pagoda (Sophora Japonica)	Sargent Cherry (Prunus Sargentii)
Bald Cypress (Taxodium Distichum)	Sand Cherry (Prunus spp.)
American Linden (Tilia Americana)	Japanese Tree Lilac (Syringa Reticulata)
Crimean Linden (Tilia x ecuchlora)	Blackhaw Viburnum (Viburnum Prunifolium)
Silver Linden (Tilia tomentosa)	Crapapple (Malus spp.) disease resistant
	Adams, Adarondak, Bob White, Golden Raindrops,
MEDIUM SPECIES (30-45'):	Holiday Gold, Jackii, Molten Lava,
English Oak (Quercus Robur)	Pairie Fire, Red Jewell,
River Birch (Betula Nigra)	Silver Moon, Strawberry Parfait,
Black Alder (Alnus Glutinosa)	Sugar Tyme,
Katsura Tree (Cercidiphyllum Japonocum)	Zuni Calacaarpa
American Yellowwood (Cladrastis Lutea)	
Hardy Rubber Tree (Eucommia Ulmoides)	
Golden Rain Tree (Koelreuteria Paniculata)	
Japanese Pagoda (Sophora Japonica)	
Magnolia Hybrids (Magnolia sp.)	
America Hophornbeam (Ostrya Virginiana)	

Undesirable Street Trees for the City of Portsmouth's Public Rights-of-Way

Tall Trees	Mature Height (ft.)	Mature Width (ft.)	Native Species	Species Notes
Abies sp.(fir)				Does not thrive
Albizia (mimosa)	10-25			Does not thrive, dies back in cold weather
Acer Negundo (boxelder)	30-50	50-80		Growth and breakage may lead to maintenance problems.
Acer Saccharinum (silver maple)	35-70	30-55		Tends to grow fast and gets too big and conflicts with structures
Aesculus sp. (buckeye, horsechestnut)	30-60			Nice tree, but drops big nuts
Ailanthus altissima (ailanthus)	40-90	15-35	Non-Native invasive	All varieties except river birch fail to thrive and are prone to insects
Betulus sp. (birch)	70-90	35-50		Subject to sun scald
Liriodendron tulipifera (tuliptree)				Difficult to establish except on good sites
Maclura pomifera (osage orange)	15-35			Females drop large fruit and some have thorns
Morus sp. (mulberry)				Drops fruit
Populus sp. (poplar, cottonwood)	40-50	35-45		Long branching habit; susceptible to wind breakage
Pyrus calleryana (Bradford pear)				Long branching habit; susceptible to wind breakage
Robinia Pseudoacacia (black locust)				Thorns
Salix sp. (willow)	15-35	20-35		Does not have a long lifespan, aggressive roots
Sorbus acuparia (European Mountain Ash)				Does not have a long lifespan, aggressive roots
Shrubs				Can hinder site lines
Weeping varieties of any Species				Can hinder site lines
Fruit Tree varieties bred for production				Can hinder site lines
<p>Tables Notes:</p> <ol style="list-style-type: none"> 1. Information utilized in this table was obtained through the Street Tree Factsheets. 2. Gerhold, Henry D., Willet N. Wandell, and Norman L. Lacesse, eds. <u>Street Tree Factsheets</u>. 3. University Park, PA: Penn State University Press, 1993 				