

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)	Japanese Pagoda (Sophora Japonica)
Norway Maple (Acer platanoides) varieties	Magnolia Hybrids (Magnolia sp.)
Red Maple (Acer Rubrum) varieties	America Hophornbeam (Ostrya Virginiana)
Silver Maple (Acer Saccharium) **	Sourwood (Oxydendron Arboreum)
Sugar Maple (Acer Saccharum) varieties	Amur Cork Tree (Phellodenron Amurense)
Black Alder (Alnus Glutinosa)	Sargent Cherry (Prunus Sargentii)
Sugar Hackberry (Celtis Laevigata)	Callery Flowering Pear (Pyrus Calleryana)
Hackberry (Celtis Occidentalis)	Sawtooth Oak (Quercus Acutissima)
Catalpa (Catalpa Speciosa) **	Lacebark Chinese Elm (Ulmus Parvifolia)
Dawn Redwood (Metasequoia Glyptostroboides)	Southern Magnolia (Magnolia Grandiflora)
Black Gum or Tupelo (Nyssa Sylvatica)	Little leaf Linden aka Corinthian Linden (Tilia cordata)
London Planetree (Platanus Acerifolia)	
American Sycamore (Platanus Occidentals)	SMALL SPECIES (15-30'):
Ginkgo (Ginkgo Biloba)	Trident Maple (Acer Buergeranum)
Thornless Honey Locust (Gleditsia Tricanthos)varieties	Amur Maple (Acer Ginnala)
Kentucky Coffee Tree (Gymnocladus Dioicus)	Canyon Maple (Acer Grandidentatum)
White Oak (Quercus Alba)	Paperbark Maple (Acer Griseum)
Swamp White Oak (Quercus Bicolor)	Tatarian Maple (Acer Tataricum)
Scarlet Oak (Quercus Coccinea)	Shantung Maple (Acer Truncatum)
Shingle Oak (Quercus Imbricaria)	Sweetbay Magnolia (Magnolia Virginiana)
Chinkapin Oak (Quercus Muehlenbergii)	Serviceberry(Amelanchier sp.) tree forms
Bur Oak (Quercus Macrocarpa)	American Hornbeam (Carpinus Caroliniana)
Chestnut Oak (Quercus Prinus)	Hophornbeam (Ostrya Virginiana)
Pin Oak (Quercus Palustris) **	Fringetree (Chioanthus Virginiana)
Willow Oak (Quercus Phellos)	Kousa Dogwood (Cornus Kousa)
English Oak (Quercus Robur)	Cornelian Cherry (Cornus Mas)
Red Oak (Quercus Rubra)	Smoketree (Cotinus spp.)
Shumard Oak (Quercus Shumardii)	Lavalle Hawthorn (Crataegus Lavalley)
Black Oak (Quercus Velutina)	Thornless Cockspur Hawthorn (Crataegus Crusgalli Inermis)
Japanese Pagoda (Sophora Japonica)	Green Hawthorn (Crataegus Viridis)
Bald Cypress (Taxodium Distichum)	Amur Maackia (Maackia Amurensis)
American Linden (Tilia Americana)	Magnolia Hybrids tree form (Magnolia spp.)
Crimean Linden (Tilia x ecuchlora)	Amur Corktree (Phellodenron)
Silver Linden (Tilia tomentosa)	Sargent Cherry (Prunus Sargentii)
Elm, disease resistant (Ulmus spp.)	Sand Cherry (Prunus spp.)
Japanese Zelkova (Zelkova serrata)	Japanese Tree Lilac (Syringa Reticulata)
	Blackhaw Viburnum (Viburnum Prunifolium)
	Crapapple (Malus spp.) disease resistant
MEDIUM SPECIES (30-45'):	Adams, Adarondak, Bob White, Golden Raindrops,
Hedge Maple (Acer Campestre)	Holiday Gold, Jackii, Molten Lava,
River Birch (Betula Nigra)	Pairie Fire, Red Jewell,
European Hornbeam (Carpinus Betulus)	Silver Moon, Strawberry Parfait,
Katsura Tree (Cercidiphyllum Japonocum)	Sugar Tyme,
American Yellowwood (Cladrastis Lutea)	Zuni Calacaarpa
Hardy Rubber Tree (Eucommia Ulmoides)	
Golden Rain Tree (Koelreuteria Paniculata)	

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 				