

**City of Oberlin**  
**Public Works Standards**  
**Street Tree Planting Plan**  
**Disclaimer**

This list is meant to provide guidance in selecting trees, and is not a substitute for the advice of an ISA-certified arborist or other qualified tree professional. More comprehensive information is available on the internet at sites such as: Ohio Department of Natural Resources Urban Forestry, Morton Arboretum Guide to Selecting and Planting Trees, and Missouri Botanical Garden Plant Finder. Each planting site is unique and the selection of the appropriate tree should be made by matching planting site characteristics with the growth habits of the selected tree. Tree health and survival are highly dependent on the quality of the nursery stock and on proper planting, watering, mulching, and pruning. Be sure to consult a qualified tree professional and/or suitable reference material.

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**Planting Site Requirements**

<b>Planting Site Requirements</b>			
<b>Clearance</b>	<b>Small</b>	<b>Medium</b>	<b>Large</b>
Overhead Clearance	30 ft.	30 – 60 ft.	60 ft.
Side Clearance	20 ft.	20 - 40 ft.	40 ft.
Curb Lawn Width	4 - 6 ft.	6 - 8 ft.	>8 ft.
Distance from Intersection	35 ft.	35 ft.	35 ft.
Utilities	10 ft.	15 ft.	15 ft.
Other Trees	30 ft.	40 ft.	40 ft.
Driveways	10 ft.	10 ft.	10 ft.

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Street Tree Planting Selections**

<b>Grow</b>	<b>Family</b>	<b>Genus</b>	<b>Species</b>	<b>Common Name</b>	<b>Variety/Cultivar(s)</b>	<b>Active Selection (Y/N)</b>	<b>Native (Y/N)</b>	<b>Notes</b>
Large	BEECH	Castanea	mollissima	Chinese Chestnut		Y	N	Nuts may be a nuisance
Small	BEECH	Castanea	pumila	Allegheny Chestnut		Y	Y	Native range is SE US
Large	BEECH	Fagus	grandifolia	American Beech		Y	Y	Extra large sites only
Large	BEECH	Fagus	sylvatica	European Beech		Y	N	Extra large sites only
Large	BEECH	Quercus	acutissima	Sawtooth Oak		Y	N	
Large	BEECH	Quercus	alba	White Oak		Y	Y	
Medium	BEECH	Quercus	bicolor	Swamp White Oak		Y	Y	
Large	BEECH	Quercus	coccinea	Scarlet Oak		Y	Y	
Medium	BEECH	Quercus	imbricaria	Shingle Oak		Y	Y	
Large	BEECH	Quercus	lyrata	Overcup Oak		Y	Y	Native range is SE US
Large	BEECH	Quercus	macrocarpa	Bur Oak		Y	Y	
Medium	BEECH	Quercus	meuhlenbergii	Chinkapin Oak		Y	Y	
Large	BEECH	Quercus	palustris	Pin Oak		Y	Y	
Large	BEECH	Quercus	phellos	Willow Oak		Y	Y	Native range is SE US
Large	BEECH	Quercus	prinus (montana)	Chestnut Oak		Y	Y	
Large	BEECH	Quercus	robur	English Oak		Y	N	
Large	BEECH	Quercus	rubra	Northern Red Oak		Y	Y	
Large	BEECH	Quercus	shumardii	Shumard Oak		Y	Y	
Medium	BEECH	Quercus	stellata	Post Oak		Y	N	Introduced in 1819
Large	BEECH	Quercus	velutina	Black Oak		Y	Y	
Large	BIRCH	Alnus	glutinosa	Common Alder		Y	N	
Large	BIRCH	Betula	alleghaniensis	Yellow Birch		Y	Y	
Large	BIRCH	Betula	lenta	Sweet or Black Birch		Y	Y	
Medium	BIRCH	Betula	nigra	River Birch		Y	Y	Single Stem
Medium	BIRCH	Carpinus	betulus	European Hornbeam		Y	N	
Medium	BIRCH	Carpinus	caroliniana	American Hornbeam		Y	Y	
Medium	BIRCH	Carpinus	cordata	Heartleaf Hornbeam		Y	N	
Small	BIRCH	Carpinus	japonica	Japanese Hornbeam		Y	N	
Small	BIRCH	Carpinus	orientalis	Oriental Hornbeam		Y	N	
Small	BIRCH	Corylus	americana	American Filbert		Y	Y	
Small	BIRCH	Corylus	avellana	European Filbert		Y	N	
Medium	BIRCH	Corylus	columa	Turkish Hazelnut		Y	N	
Small	BIRCH	Corylus	maxima	Purple Filbert		Y	N	
Medium	BIRCH	Ostrya	virginiana	Eastern Hophornbeam		Y	Y	
Small	BLADDERNUT	Staphylea	trifolia	Bladdernut		Y	Y	
Medium	BUCKEYE	Aesculus	chinensis	Chinese Horsechestnut		Y	N	
Large	BUCKEYE	Aesculus	flava	Yellow Buckeye		Y	Y	
Medium	BUCKEYE	Aesculus	glabra	Ohio Buckeye		Y	Y	
Medium	BUCKEYE	Aesculus	Hippocastanum	Horsechestnut		Y	N	
Small	BUCKEYE	Aesculus	pavia	Red Buckeye		Y	Y	
Medium	BUCKEYE	Aesculus	x carnea	Red Horsechestnut		Y	N	
Medium	CYPRESS	Juniperus	virginiana	Eastern Redcedar		Y	Y	Screening, not shade

				Eastern/American Arborvitae				
Medium	CYPRESS	Thuja	occidentalis	White Cedar		Y	Y	Screening, not shade
Small	DOGWOOD	Cornus	alternifolia	Pagoda Dogwood		Y	Y	select hardy cultivar
Medium	DOGWOOD	Cornus	contraversa	Giant Dogwood		Y	N	
Medium	DOGWOOD	Cornus	florida	Florida Dogwood	numerous cultivars	Y	Y	select hardy cultivar
Small	DOGWOOD	Cornus	kousa	Kousa Dogwood	numerous cultivars	Y	N	
Small	DOGWOOD	Cornus	mas	Corneliancherry Dogwood		Y	N	
Small	DOGWOOD	Cornus	officianalis	Japanese Dogwood		Y	N	
Medium	DOGWOOD	Nyssa	sylvatica	Black Gum - Black Tupelo		Y	Y	
Medium	ELM	Celtis	occidentalis	Hackberry		Y	Y	
Large	ELM	Ulmus	americana	American Elm	see Morton Arboretum, Elm Cultivars	Y	Y/N	Must be Dutch Elm Disease Resistant
Large	ELM	Ulmus	carpinifolia	Smoothleaf Elm		Y	N	
Medium	ELM	Ulmus	parvifolia	Chinese Elm, Lacebark Elm		Y	N	
Large	ELM	Zelkova	serrata	Japanese Zelkova		Y	N	
Large	GINGKO	Gingko	biloba	Gingko		Y	N	Male Only
Medium	HEATH	Oxydendrum	arboreum	Sourwood		Y	Y	
Medium	LAUREL	Sassafras	albidum	Sassafras		Y	Y	branches may be weak
Small	LEGUME	Albizia	julibrissin	Silk Tree		Y	N	
Medium	LEGUME	Cercis	candensis	Eastern Redbud		Y	Y	
Large	LEGUME	Cladrastis	kentukea	Yellowwood		Y	Y	
Large	LEGUME	Gleditsia	triacanthos	Honeylocust	Sunburst, Skyline, Imperial	Y	Y	
Large	LEGUME	Gymnocladus	dioicus	Kentucky Coffeetree		Y	Y	
Small	LEGUME	Maackia	amurensis	Chinese Maackia		Y	N	
		Sophora (now Styphnolobium)	japonica	Japanese Pagodatree		Y	N	
Medium	LEGUME			Chinese Scholartree		Y	N	
Large	LINDEN	Tilia	americana	American Basswood		Y	Y	
Large	LINDEN	Tilia	cordata	Littleleaf Linden	numerous cultivars	Y	N	may be more hardy in urban environment
Large	LINDEN	Tilia	tomentosa	Silver Linden		Y	N	may be more hardy in urban environment
Medium	LINDEN	Tilia	x euchlora	Crimean Linden		Y	N	
Large	MAGNOLIA	Liriodendron	tulipifera	Yellow Poplar - Tuliptree		Y	Y	
Large	MAGNOLIA	Magnolia	acuminata	Cucumber Tree Magnolia	cultivars to be reviewed/approved	Y	Y	upright, single stem
Medium	MAPLE	Acer	beurgerianum	Trident Maple		N	N	
Medium	MAPLE	Acer	campestre	Hedge Maple		N	N	
Large	MAPLE	Acer	x freemanii	Freeman Maple		N	Y	
Medium	MAPLE	Acer	griseum	Paperbark Maple		N	N	
Medium	MAPLE	Acer	griseum x nikoense	Girard Hybrid Paperback		N	N	
Medium	MAPLE	Acer	miyabei	Miyabe Maple		N	N	
Medium	MAPLE	Acer	pennsylvanicum	Striped Bark Maple		N	Y	
Large	MAPLE	Acer	pseudoplatanus	Sycamore Maple		N	N	
Large	MAPLE	Acer	rubrum	Red Maple		N	Y	
Large	MAPLE	Acer	saccharum	Sugar Maple		N	Y	
Small	MAPLE	Acer	tataricum	Tartarian Maple		N	N	
Medium	MAPLE	Acer	triflorum	Three Flower Maple		N	N	
Small	MAPLE	Acer	truncatum	Shantung Maple		N	N	
Small	OLIVE	Chioanthus	retusus	Chinese Fringe Tree		Y	N	
Small	OLIVE	Chioanthus	virginicus	Fringetree - Old Man's Beard		Y	Y	
Large	OLIVE	Fraxinus	TBD	Ash, various		N	Y/N	not approved, pending emerald ash borer resistant cultivars
Medium	OLIVE	Syringa	reticulata	Japanese Tree Lilac		Y	N	

Medium	OLIVE	Syringa	reticulata pekinensis	Peking Tree Lilac		Y	N	
								Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight.
TBD	PINE					N	TBD	
Large	PINE	Larix	decidua	European Larch		Y	N	
Large	PINE	Larix	kaempferi	Japanese Larch		Y	N	
Large	PINE	Larix	laricina	Tamarack Larch		Y	Y	
Large	PINE	Tsuga	candensis	Canadian (Eastern) Hemlock		Y	Y	
Medium	PINE	Tsuga	caroliniana	Carolina Hemlock		Y	Y	Native range is SE US
Large	REDWOOD	Metasequoia	glyptostroboides	Dawn Redwood		Y	N	
Large	REDWOOD	Taxodium	ascendens	Pond Cypress		Y	Y	Native range is SE US
Large	REDWOOD	Taxodium	distichum	Bald Cypress		Y	Y	
Small	ROSE	Amelanchier	arborea	Downy Serviceberry		Y	Y	
Small	ROSE	Amelanchier	canadensis	Shadblow Serviceberry		Y	Y	
Small	ROSE	Amelanchier	grandiflora	Apple Serviceberry		Y	Y	
Small	ROSE	Amelanchier	laevis	Allegheny Serviceberry				
Small	ROSE	Crataegus	TBD	Hawthorne	review/approve species & cultivar	Y	N	
Small	ROSE	Malus	TBD	Flowering Crab Apple	review/approve species & cultivar	Y	N	
Small	ROSE	Prunus	TBD	Cherry/Plum	review/approve species & cultivar			
Small	ROSE	Sorbus	TBD	Mountain Ash	review/approve species & cultivar			
Small	RUE	Ptelea	trifolata	Common Hoptree		Y	Y	
Medium	SAPINDACEAE	Koelreuteria	paniculata	Goldenrain Tree		Y	N	
Small	SNOWBELL	Pterostyrax	hispidus	Fragrant Epaulettetree		Y	N	
Small	SNOWBELL	Halesia	diptera	Two-winged Silverbell		Y	Y	Native range is SE US
Medium	SNOWBELL	Halesia	tetraptera	Carolina Silverbell		Y	Y	fka H. carolina
Small	SNOWBELL	Styrax	japonicus	Japanese Snowbell		Y	N	
Small	SNOWBELL	Styrax	obassia	Fragrant Snowbell		Y	N	
Large	SYCAMORE	Platanus	acerifolia	London Planetree		Y	N	
Large	SYCAMORE	Platanus	occidentalis	American Sycamore		Y	Y	
Large	WALNUT	Carya	cordiformis	Bitternut Hickory		Y	Y	Nuts may be a nuisance
Large	WALNUT	Carya	glabra	Wingnut Hickory		Y	Y	Nuts may be a nuisance
Large	WALNUT	Carya	illinoisensis	Pecan		Y	Y	Nuts may be a nuisance
Large	WALNUT	Carya	laciniosa	Shellbark Hickory		Y	Y	Nuts may be a nuisance
Large	WALNUT	Carya	ovata	Shagbark Hickory		Y	Y	Nuts may be a nuisance
Large	WALNUT	Juglans	cineria	Butternut		N	Y	Nuts may be a nuisance; susceptible to Butternut Canker
Large	WALNUT	Juglans	nigra	Black Walnut		Y	Y	Nuts may be a nuisance
Medium	WALNUT	Juglans	regia	English Walnut		Y	N	Nuts may be a nuisance
Large	WITCH HAZEL	Liquidambar	styraciflua	Sweetgum		Y	Y	Seed pods may be a nuisance