

LARGE TREE GROUP Mature Height More than 50'	Table 1: LARGE TREE SPECIES RECOMMENDATIONS						
	Interchanges/ Grade Separations	Medians	Parking Lots or Similar 'Hardscape'	Near Sidewalks	Under Utility Lines	Visibility Concern Areas**	Yards
Green Ash*	YES	YES	YES	YES	NO	YES	YES
American Basswood (Linden)*	YES	YES	YES	YES	NO	YES	YES
White Basswood (Linden)	YES	YES	YES	YES	NO	YES	YES
American Beech*	YES	YES	NO ^B	NO ^B	NO	YES	YES
European Beech	YES	YES	NO ^B	NO ^B	NO	YES	YES
Blackgum*	YES	YES	NO	NO	NO	YES	YES
Yellow Buckeye	YES	NO	NO	NO	NO	YES	YES
Bald Cypress*	YES	YES	NO	NO	NO	YES	YES
American Elm	YES	YES	YES ^C	YES ^C	NO	YES	YES
Hackberry*	YES	YES	NO	NO	NO	YES	YES
European Hornbeam	YES	YES	YES	NO	NO	NO	YES
Ginkgo	YES	YES	NO ^D	NO	NO	YES	YES ^E
Red Maple*	YES	YES	YES	YES	NO	YES	YES
Sugar Maple*	YES	YES	YES	YES	NO	YES	YES
Bur Oak	YES	YES	NO ^B	NO ^B	NO	YES	YES
Chestnut Oak*	YES	YES	YES	YES	NO	YES	YES
Chinkapin Oak*	YES	YES	NO ^B	NO ^B	NO	YES	YES
English Oak	YES	YES	YES	YES	NO	YES	YES
Northern Red Oak*	YES	YES	YES	YES	NO	YES	YES
Sawtooth Oak	YES	YES	YES	YES	NO	YES	YES
Scarlet Oak*	YES	YES	YES	YES	NO	YES	YES
Shumard Oak*	YES	YES	YES	YES	NO	YES	YES
Southern Red Oak*	YES	YES	YES	YES	NO	YES	YES
White Oak*	YES	YES	YES	YES	NO	YES	YES
Willow Oak*	YES	YES	YES	YES	NO	YES	YES
Loblolly Pine*	YES	NO	NO	NO	NO	NO	YES
Pitch Pine	YES	YES ^A	NO	NO	NO	NO	YES
Shortleaf Pine*	YES	YES ^A	NO	NO	NO	NO	YES
White Pine*	YES	YES ^A	NO	NO	NO	NO	YES
London Planetree/Sycamore* ^F	YES	YES	NO	NO	NO	YES	NO
Tulip Poplar*	YES	YES	YES	YES	NO	YES	YES
Dawn Redwood	YES	YES ^A	NO	NO	NO	NO	YES
Sweetgum*	YES	YES	NO ^B	NO ^B	NO	YES	YES
Black Cherry*	NO	NO	NO	NO	NO	NO	YES
Virginia Pine*	NO	YES ^A	YES	NO	NO	NO	YES
Laurel Oak	YES	YES	NO	YES	NO	NO	YES
Winged Elm	YES	YES	YES	NO	NO	NO	YES
Eastern Hemlock	NO	NO	NO	NO	NO	NO	YES

* Native to south central United States

**Tree placement and maintenance procedures should be respectful of sight distance

A. If site does not obstruct visibility and median width is acceptable

B. Large nuts can cause difficulties under foot

C. If hybrid, disease-resistant variety is used

D. Because of slow-growing nature and 'stick-like' appearance

E. Male trees, only

F. Two different species; both can produce pollen, causing allergies

MEDIUM TREE GROUP Mature Height 30' - 50'	Table 2: MEDIUM TREE SPECIES RECOMMENDATIONS						
	Interchanges/ Grade Separations	Medians	Parking Lots or Similar 'Hardscape'	Near Sidewalks	Under Utility Lines	Visibility Concern Areas**	Yards
Arborvitae*	YES	YES	YES	NO	NO	NO	YES
River Birch*	YES	YES	NO	NO	NO	YES	YES
Catalpa*	YES	YES	NO	NO	NO	NO	YES
Atlantic White Cedar	YES	YES ^A	YES ^B	NO	NO	NO	YES
Deodar Cedar	YES	YES ^A	YES ^B	NO	NO	NO	YES
Eastern Red Cedar*	YES	YES ^A	YES ^B	NO	NO	NO	YES
Kentucky Coffeetree	YES	YES	NO	NO	NO	YES	YES
Amur Cork Tree	YES	YES	YES	YES	NO	YES	YES
Cryptomeria	YES	YES	YES ^B	NO	NO	NO	YES
Lace-bark Elm	YES	YES	YES	YES	NO	YES	YES
Smooth Leaf Elm	YES	YES	YES	YES	NO	YES	YES
Eastern Hemlock*	YES	YES ^A	YES ^B	NO	NO	NO	YES
American Holly*	YES	YES	YES ^B	NO	NO	NO	YES
Thornless Honeylocust	YES	YES	YES	YES	NO	YES	YES
American Hornbeam*	YES	YES	YES	NO	NO	YES	YES
Eastern Hophornbeam*	YES	YES	YES	NO	NO	YES	YES
Little-leaf Linden*	YES	YES	YES	YES	NO	YES	YES
Silver Linden*	YES	YES	YES	YES	NO	YES	YES
Black Locust*	YES	YES	YES	NO	NO	YES	YES
Southern Magnolia*	YES	YES ^A	NO	YES	NO	NO	YES
Sweetbay Magnolia*	YES	YES	YES ^B	YES	NO	NO	YES
Hedge Maple	YES	YES	YES	YES	NO	YES	YES
Trident Maple	YES	YES	YES	YES	NO	YES	YES
Austrian Pine	YES	YES ^A	YES ^B	NO	NO	NO	YES
Japanese Red Pine	YES	YES	YES	NO	NO	NO	YES
Chinese Pistache	YES	YES	YES	YES	NO	YES	YES
Sassafras*	YES	YES	NO	YES	NO	YES	YES
Sourwood*	YES	YES	NO	YES	NO	YES	YES
Colorado Blue Spruce	YES	YES ^A	YES ^B	NO	NO	NO	YES
White Spruce	YES	YES	YES ^B	NO	NO	NO	YES
Weeping Willow ^C	YES	NO	NO	NO	NO	NO	YES
Yellowwood*	YES	YES	YES	YES	NO	YES	YES
Zelkova	YES	YES	YES	YES	NO	YES	YES

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**Tree placement and maintenance procedures should be respectful of sight distance

A. Avoid planting where there are breaks in median for turning across travel lanes. Plant where a screen from on-coming car headlights is needed.

B. Use at edges of parking lots for border or buffering purposes. Do not use in islands or medians of parking lots.

C. Avoid near septic systems and similar problem areas.

SMALL TREE GROUP Mature Height Less than 30'	Table 3: SMALL TREE SPECIES RECOMMENDATIONS						
	Interchanges/ Grade Separations	Medians	Parking Lots or Similar 'Hardscape'	Near Sidewalks	Under Utility Lines	Visibility Concern Areas**	Yards
Blackhaw*	YES	YES	YES ^A	NO	YES	YES ^B	YES
Rusty Blackhaw*	YES	YES	YES ^A	NO	YES	YES ^B	YES
Red Buckeye*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Carolina Buckthorn*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Oriental Cherries	YES	YES	YES ^A	NO	YES	YES ^B	YES
Carolina Cherrylaurel*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Flowering Crabapple ^C	YES	YES	YES ^A	NO	YES	YES ^B	YES
Crepe Myrtle	YES	YES	YES ^A	YES	YES	YES ^B	YES
Flowering Dogwood*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Kousa Dogwood*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Pagoda Dogwood	YES	YES	YES ^A	YES	YES	YES ^B	YES
Autumn Flametree	YES	YES	YES ^A	YES	YES	YES ^B	YES
American Fringetree*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Chinese Fringetree	YES	YES	YES ^A	YES	YES	YES ^B	YES
Golden Raintree	YES	YES	YES ^A	YES	YES	YES ^B	YES
Cockspur Hawthorn	YES	YES	YES ^A	YES	YES	YES ^B	YES
Foster Holly	YES	YES	YES ^A	YES	YES	YES ^B	YES
Amur Maple	YES	YES	YES ^A	YES	YES	YES ^B	YES
Japanese Maple	YES	YES	YES ^A	YES	YES	YES ^B	YES
Pawpaw*	YES	YES	YES ^A	NO	YES	YES ^B	YES
Eastern Redbud*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Service Berry*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Carolina Silverbell*	YES	YES	YES ^A	YES	YES	YES ^B	YES
European Smoketree	YES	YES	YES ^A	YES	YES	YES ^B	YES
American Smoketree*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Sourwood*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Mountain Stewartia	YES	YES	YES ^A	YES	YES	YES ^B	YES
Witch-hazel*	YES	YES	YES ^A	YES	YES	YES ^B	YES
Southern Crabapple	YES	YES	YES ^A	NO	YES	YES ^B	YES
Hawthorns ^D	YES	YES	YES ^A	NO	YES	YES ^B	YES

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**Tree placement and maintenance procedures should be respectful of sight distance

A. Should not be used for more than 25% of parking lot trees. Do not use in parking lot islands. May be used in parking lot medians

B. If properly trimmed. Some species will need to be pruned in their early years to allow space for pedestrian traffic; additional trimming may be needed.

C. Note that Flowering Crabapple and Red Cedar should not be planted near each other because of potential cedar apple rust disease.

D. Examples include Washington and Wintering Hawthorns