

LARGE TREE GROUP Mature Height More than 50'	TREE SPECIES RECOMMENDATIONS									
	Interchanges/ Grade Separations	Medians	Parking Lots or Similar 'Hardscape'	Planting Strips/Verges		Near Sidewalks	Under Utility Lines	Visibility Concern Areas***	Yards Adjoining Rights-of-Way	Sidewalk Planting Wells****
				2' - 4'	More than 4'**					
1. Green Ash*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
2. American Basswood (Linden)*	YES	YES	YES	NO	YES	YES	NO	YES	YES	NO
3. White Basswood (Linden)	YES	YES	YES	NO	YES	YES	NO	YES	YES	NO
4. American Beech*	YES	YES	NO <sup>B</sup>	NO	NO <sup>B</sup>	NO <sup>B</sup>	NO	YES	YES	NO
5. European Beech	YES	YES	NO <sup>B</sup>	NO	NO <sup>B</sup>	NO <sup>B</sup>	NO	YES	YES	NO
6. Blackgum*	YES	YES	NO	NO	NO	NO	NO	YES	YES	NO
7. Yellow Buckeye	YES	NO	NO	NO	NO	NO	NO	YES	YES	NO
8. Bald Cypress*	YES	YES	NO	NO	NO	NO	NO	YES	YES	NO
9. American Heritage Elm	YES	YES	YES <sup>C</sup>	NO	YES	YES <sup>C</sup>	NO	YES	YES	YES
10. Hackberry*	YES	YES	NO	NO	NO	NO	NO	YES	YES	NO
11. European Hornbeam	YES	YES	YES	NO	NO	NO	NO	NO	YES	NO
12. Ginkgo	YES	YES	NO <sup>D</sup>	NO	NO	NO	NO	YES	YES <sup>E</sup>	NO <sup>D</sup>
13. Red Maple*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
14. Sugar Maple*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
15. Bur Oak	YES	YES	NO <sup>B</sup>	NO	NO <sup>B</sup>	NO <sup>B</sup>	NO	YES	YES	NO
16. Chestnut Oak*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
17. Chinkapin Oak*	YES	YES	NO <sup>B</sup>	NO	NO <sup>B</sup>	NO <sup>B</sup>	NO	YES	YES	NO
18. English Oak	YES	YES	YES	NO	YES	YES	NO	YES	YES	NO
19. Northern Red Oak*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
20. Sawtooth Oak*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
21. Scarlet Oak*	YES	YES	YES	NO	YES	YES	NO	YES	YES	NO
22. Shumard Oak*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
23. Southern Red Oak*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
24. White Oak*	YES	YES	YES	NO	YES	YES	NO	YES	YES	NO
25. Willow Oak*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
26. Loblolly Pine*	YES	NO	NO	NO	NO	NO	NO	NO	YES	NO
27. Pitch Pine	YES	YES <sup>A</sup>	NO	NO	NO	NO	NO	NO	YES	NO
28. Shortleaf Pine*	YES	YES <sup>A</sup>	NO	NO	NO	NO	NO	NO	YES	NO
29. White Pine*	YES	YES <sup>A</sup>	NO	NO	NO	NO	NO	NO	YES	NO
30. London Planetree/Sycamore*	YES	YES	YES	NO	YES	YES	NO	YES	YES	NO
31. Tulip Poplar*	YES	YES	YES	NO	YES	YES	NO	YES	YES	NO
32. Dawn Redwood	YES	YES <sup>A</sup>	NO	NO	NO	NO	NO	NO	YES	NO
33. Sweetgum*	YES	YES	NO <sup>B</sup>	NO	NO <sup>B</sup>	NO <sup>B</sup>	NO	YES	YES	NO
* Native to South Central United States						A. If site does not obstruct visibility and median width is acceptable				
** Recommended minimum width for new planting strips is 7 feet, since some species require more space						B. Large nuts can cause difficulties under foot				
*** All tree plantings and their maintenance procedures should be respectful of sight distance triangles. Trees that are bushy or have other sight-impairing qualities should be avoided.						C. If hybrid, disease-resistant variety is used				
**** Areas, like downtown, where planting wells are necessary within sidewalks; elongated wells are recommended						D. Because of slow-growing nature and 'stick-like' appearance				
						E. Male trees, only				

MEDIUM TREE GROUP Mature Height 30' - 50'	TREE SPECIES RECOMMENDATIONS									
	Interchanges/ Grade Separations	Medians	Parking Lots or Similar 'Hardscape'	Planting Strips/Verges		Near Sidewalks	Under Utility Lines	Visibility Concern Areas**	Yards Adjoining Rights-of-Way	Sidewalk Planting Wells***
				2' - 4'	More than 4'					
1. Arborvitae*	YES	YES	YES	NO	NO	NO	NO	NO	YES	NO
2. River Birch*	YES	YES	NO	NO	NO	NO	NO	YES	YES	NO
3. Catalpa*	YES	YES	NO	NO	NO	NO	NO	NO	YES	NO
4. Atlantic White Cedar*	YES	YES <sup>A</sup>	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
5. Deodar Cedar	YES	YES <sup>A</sup>	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
6. Eastern Red Cedar*	YES	YES <sup>A</sup>	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
7. Kentucky Coffeetree	YES	YES	NO	NO	NO	NO	NO	YES	YES	NO
8. Amur Cork Tree	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
9. Japanese Cryptomeria	YES	YES	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
10. Lace-bark Elm	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
11. Smooth Leaf Elm	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
12. Eastern Hemlock*	YES	YES <sup>A</sup>	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
13. American Holly*	YES	YES	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
14. Thornless Honeylocust	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
15. American Hornbeam*	YES	YES	YES	NO	NO	NO	NO	YES	YES	NO
16. Eastern Hophornbeam*	YES	YES	YES	NO	NO	NO	NO	YES	YES	NO
17. Little-leaf Linden*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
18. Silver Linden*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
19. Black Locust*	YES	YES	YES	NO	NO	NO	NO	YES	YES	NO
20. Southern Magnolia*	YES	YES <sup>A</sup>	NO	NO	NO	NO	NO	NO	YES	NO
21. Sweetbay Magnolia*	YES	YES	YES <sup>B</sup>	NO	YES	YES	NO	NO	YES	YES
22. Hedge Maple	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
23. Shantung Maple	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
24. Trident Maple	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
25. Austrian Pine	YES	YES <sup>A</sup>	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
26. Japanese Red Pine	YES	YES	YES	NO	NO	NO	NO	NO	YES	NO
27. Chinese Pistache	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
28. Sassafras*	YES	YES	NO	NO	NO	YES	NO	YES	YES	NO
29. Sourwood*	YES	YES	NO	NO	NO	YES	NO	YES	YES	NO
30. Colorado Blue Spruce	YES	YES <sup>A</sup>	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
31. White Spruce	YES	YES	YES <sup>B</sup>	NO	NO	NO	NO	NO	YES	NO
32. Weeping Willow	YES	NO	NO	NO	NO	NO	NO	NO	YES	NO
33. Yellowwood*	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES
34. Zelkova	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES

\* Native to South Central United States

\*\* All tree plantings and their maintenance procedures should be respectful of sight distance triangles. Trees that are bushy or have other sight-impairing qualities should be avoided.

\*\*\* Areas, like downtown, where planting wells are necessary within sidewalks; elongated wells are recommended

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.

## TREE SPECIES RECOMMENDATIONS

SMALL TREE GROUP Mature Height Less than 30'	TREE SPECIES RECOMMENDATIONS									
	Interchanges/ Grade Separations	Medians	Parking Lots or Similar 'Hardscape'	Planting Strips/Verges		Near Sidewalks	Under Utility Lines	Visibility Concern Areas**	Yards Adjoining Rights-of-Way	Sidewalk Planting Wells***
				2' - 4'	More than 4'					
1. Blackhaw*	YES	YES	YES <sup>A</sup>	NO	YES <sup>C</sup>	NO	YES	YES <sup>B</sup>	YES	NO
2. Rusty Blackhaw*	YES	YES	YES <sup>A</sup>	NO	NO	NO	YES	YES <sup>B</sup>	YES	NO
3. Red Buckeye*	YES	YES	YES <sup>A</sup>	YES <sup>B</sup>	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
4. Carolina Buckthorn*	YES	YES	YES <sup>A</sup>	NO	YES <sup>C</sup>	YES	YES	YES	YES	NO
5. Oriental Cherries	YES	YES	YES <sup>A</sup>	YES <sup>B</sup>	YES <sup>C</sup>	NO	YES	YES <sup>B</sup>	YES	NO
6. Carolina Cherrylaurel*	YES	YES	YES <sup>A</sup>	YES <sup>B</sup>	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
7. Flowering Crabapple	YES	YES	YES <sup>A</sup>	NO	NO	NO	YES	YES <sup>B</sup>	YES	NO
8. Crepe Myrtle	YES	YES	YES <sup>A</sup>	NO	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
9. Cherry Dogwood	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
10. Cornel Dogwood	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
11. Flowering Dogwood	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
12. Kousa Dogwood	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
13. Pagoda Dogwood	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
14. Autumn Flametree	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
15. American Fringetree*	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
16. Chinese Fringetree	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
17. Golden Raintree	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
18. Cockspur Hawthorn	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
19. Foster Holly	YES	YES	YES <sup>A</sup>	NO	NO	YES	YES	YES <sup>B</sup>	YES	NO
20. Amur Maple	YES	YES	YES <sup>A</sup>	NO	NO	YES	YES	YES <sup>B</sup>	YES	NO
21. Japanese Maple	YES	YES	YES <sup>A</sup>	NO	NO	YES	YES	YES <sup>B</sup>	YES	NO
22. Pawpaw*	YES	YES	YES <sup>A</sup>	NO	NO	NO	YES	YES <sup>B</sup>	YES	NO
23. Eastern Redbud*	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
24. Service Berry*	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
25. Carolina Silverbell*	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
26. European Smoketree	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
27. American Smoketree*	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
28. Sourwood*	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
29. Mountain Stewartia	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO
30. Witch-hazel*	YES	YES	YES <sup>A</sup>	YES	YES <sup>C</sup>	YES	YES	YES <sup>B</sup>	YES	NO

\* Native to South Central United States

\*\* All tree plantings and their maintenance procedures should be respectful of sight distance triangles. Trees that are bushy or have other sight-impairing qualities should be avoided.

\*\*\* Areas, like downtown, where planting wells are necessary within sidewalks; elongated wells are recommended

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. Only as intermediate planting between Large and Small Tree Group trees