

SUGGESTIONS FOR STREET TREES & SIDEWALK PLANTINGS (12/09/09)					
Botanical Name	Common Name	Height/Spread	Growth Rate/Native?	Deciduous/ Evergreen; Form; Fall Color; Range?	Remarks
<u><i>Acer barbatum</i></u>	Florida Maple	40-50 tall, 25-40 ft spread	Moderate;native	Dec, conical to oval upright;yellow to orange Fall color	Protect thin bark on young plants from injury, hardy plant; thought should be given to variety selection and placement
<u><i>Acer buergerianum</i></u>	Trident Maple	20-35 ft tall, 20-35 ft spread	Mod.-Fast; Korea & Eastern China	Dec; upright to oval;yellow,orange & red	see first remark
<u><i>Acer buergerianum</i></u> <u>'ABMTF'</u>	Trident Maple var. 'Aeryn'	20-35 ft tall, 20-35 ft spread	Mod.-Fast; Korea & Eastern China	Deciduous; upright to oval;yellow-orange	Street Wise' is another good variety
<u><i>Acer rubrum</i></u> ' <u>Bowhall</u> '	Red Maple, var. 'Bowhall'	50 ft tall, 18-25 ft spread	fast; native hybrid	Deciduous conical/upright	see first remark; needs adequate rooting space
<u><i>Acer rubrum</i></u> <u>'Brandywine'</u>	Red Maple, var. 'Brandywine'	30-40 ft tall,20-25 ft spread	Mod.-Fast; native hybrid	Deciduous, mod. upright, oval,orange to red to purple-red	see first remark; needs adequate rooting space
<u><i>Acer rubrum</i></u> ' <u>Franksred</u> '	Red Maple, var. 'Red Sunset'	40-45 ft tall, 30-35 ft spread	Mod.-Fast; native hybrid	Dec, mod. upright, oval,orange to d. red	see first remark; needs adequate rooting space
<u><i>Acer rubrum</i></u> ' <u>HOSR</u> '	Red Maple var. 'Summer Red'	35-40 ft tall, 20-25 ft spread	Mod.-Fast; native hybrid	Dec, mod. upright, oval,yellow,orange and purple	see first remark; needs adequate rooting space
<u><i>Acer rubrum</i></u> ' <u>Karpick</u> '	Red Maple, var. 'Karpick'	40 ft tall, 20-25 ft spread	fast; native hybrid	Deciduous; upright narrow oval, yellow to orange	see first remark; needs adequate rooting space
<u><i>Acer saccharum</i></u> " <u>Astis</u> '	Sugar Maple var. 'Steeple'	45 ft tall, 20-25 ft wide	Slow-Mod.; native hybrid	Dec,symmetrical,oval crown,yellow-orange; not for coastal areas	good heat tolerance; needs adequate rooting space
<u><i>Chionanthus virginicus</i></u>	White Fringetree	8-15 ft tall, 6-10 ft spread	Slow, native	Dec, upright rounded head,yellow-brown	For use under power lines;1 of 2 trees considered by SCDOT to be <4 inches at maturity
<u><i>Chionanthus virginicus</i></u> <u>'CVSTF'</u>	Fringetree var 'Prodigy'	15 ft tall, 15 ft spread	Slow; native cultivar of nursery origin	Deciduous, upright rounded head	For use under power lines; darker leaves than species
<u><i>Crataegus viridis</i></u> ' <u>Winter King</u> '	Winter King Hawthorn	20-30 ft tall, 20-30 ft spread	Mod.; native cultivar of nursery origin	Dec, upright rounded vase shaped,yellow-orange; plant in upstate	Thorns are a problem; try not to use near sidewalks; remove lower limbs
<u><i>Ginkgo biloba</i></u> ' <u>Princeton Sentry</u> '	Ginkgo Tree var. 'Princeton Sentry'	50-75 ft tall, 15-25 ft spread	Slow; China; cultivar of nursery origin	Dec; columnar and upright or erect	Stinky fruit on female tree, plant male trees only; never plant near power lines; needs adequate rooting space
<u><i>Lagerstroemia (i. x fauriei)</i></u>	Crape Myrtle hybrids	20-30 ft tall, 15-25 ft spread	Mod; hybrid of 2 species native to China, Japan,Korea	Deciduous, vase-shaped, multi- trunked; yellow, orange or red	Very adaptable; for use under power lines;1 of 2 trees considered by SCDOT to be <4 inches at maturity
<u><i>Pistacia chinensis</i></u>	Chinese Pistache	25-35 ft tall, 25-35 ft spread	Mod.;central to western China	Deciduous, vase-shaped, rounded to irregular crown; orange or red	Tough tree, drought resistant; some pruning required to maintain shape

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<u>Quercus lyrata</u> 'Highbeam.'	Overcup Oak var 'Highbeam'	60 ft tall, 40' spread	Mod.;native cultivar of nursery origin	Dec, upright growth with a strong central leader; yellow to bronze-red	clean leaf drop; very adaptable and tough once established
<u>Quercus nuttallii</u> 'QNFTA'	Nuttall Oak var 'Highpoint'	60-80 ft tall, 40-50 ft spread	Mod.;native cultivar of nursery origin	Deciduous, broad, pyramidal to rounded oval;yellow-orange	May be too wide for street tree use
<u>Quercus phellos</u> 'QPSTA'	Willow Oak, var. 'Hightower'	55-65 ft tall, 30-40 ft spread	Fast; native cultivar of nursery origin	Dec, broad, pyramidal; yellow Fall color	Excellent multi-purpose tree, balanced shape ;high tower is narrower with a central leader
<u>Quercus phellos</u> 'Wynstar'	Willow Oak, var. 'Wynstar'	55-65 ft tall, 30-45 ft spread	Mod-Fast; native cultivar of nursery origin	Deciduous,broad, pyramidal to rounded dome,russet-orange	Adaptable; uniform growth, central leader; sheads leaves cleanly in Fall
<u>Quercus virginiana</u> 'QVTIA'	Oak, Live, var 'Highrise'	30-40 ft tall, 14-20 ft spread	Moderate; native cultivar of nursery origin	Evergreen, upright acending branching	Species has broad, spreading canopy, plant only where there is room; wrong form for street tree & requires extra setback on R/W
<u>Sabal palmetto</u>	Cabbage Palmetto	30-40 ft tall, 10-15 ft spread	Slow; native	Evergreen, monocot,use only in coastal areas to lower Midlands	Tropical look;comes 'booted" with old fronds attached to trunks, or unbooted
<u>Taxodium distichum</u> 'Mickelson'	Bald Cypress var 'Shawnee Brave'	55-75 ft tall, 18-20 ft wide	Mod.-Fast; native cultivar of nursery origins	Deciduous, narrow, pyramidal form;orange-brown in Fall	Widely adaptable to urban environments, tolerant of water-logged soil
<u>Ulmus parvifolia</u> 'BSNUPE'	Lacebark Elm var 'Everclear'	30-50 ft tall, 18-25 ft spread	Mod-fast;Japan, Korea;cultivar of nursery origin	Dec, upright,very narrow tight form when young; yellow to brown in Fall	Adaptable to different soil types; good, strong growth in poor planting env;possibly invasive seedlings?
<u>Ulmus parvifolia</u> 'UTMTF'	Lacebark Elm var 'Bosque'	60-65 ft tall, 30-35 ft spread	Fast; Japan, Korea; cultivar of nursery origin	Deciduous, broad, oval; yellow to brown in Fall	Fast-growing and hardy, handsome ornamental with showy bark;possibly invasive seedlings?
<u>Ulmus parvifolia</u> 'Dynasty'	Lacebark Elm var 'Dynasty'	35-50 ft spread	Fast; Japan, Korea; cultivar of nursery origin	Deciduous, domed shaped crown; orange-yellow in Fall	Fast-growing and hardy, handsome ornamental with showy bark;possibly invasive seedlings?
<u>Ulmus parvifolia</u> 'Emer II'	Lacebark Elm var 'Allee'	50-60 ft tall, 35-40 ft spread	Fast; Japan, Korea; cultivar of nursery origin	Deciduous, vase to upright; yellow to bronzed yellow in Fall	Fast-growing and hardy, handsome ornamental with showy bark;possibly invasive seedlings?
<u>Zelkova serrata</u> 'C Creek 1'	Zelkova var. 'Gold Falls'	30-35 ft tall, 15-20 ft. spread	Mod.; Japan, Korea; cultivar of nursery origin	Dec, upright, columnar, vase-shaped; b. yellow in Fall; not for coastal areas	Fast-growing and hardy, handsome ornamental, unique narrow crown
<u>Zelkova serrata</u> 'Musashino'	Zelkova var.'Mushino'	45-50 ft tall, 15 ft. spread	Fast; Japan, Korea; cultivar of nursery origin	Dec, upright, columnar, vase-shaped;b. yellow in Fall; not for coastal areas	Fast-growing and hardy, handsome ornamental, unique narrow crown

