

SUGGESTIONS FOR STREET TREES & SIDEWALK PLANTINGS (5/24/13)					
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> 'Bowhall'	Red Maple, var. 'Bowhall'	50 ft tall, 18-25 ft spread	fast; native hybrid	Deciduous conical/ upright;orange & yellow	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> 'Frank Jr.'	Red Maple, var. 'Redpointe'	40-45 ft tall, 30-35 ft spread	Mod.-Fast; native hybrid	Dec, mod. broadly pyramidal, bright red	Straight, dominant central leader; strong branch angles;see first remark; needs adequate rooting space
<u><i>Acer rubrum</i></u> 'Franksred'	Red Maple, var. 'Red Sunset'	40-45 ft tall, 30-35 ft spread	Mod.-Fast; native hybrid	Dec, mod. upright, oval, orange to dark red	See first remark; needs adequate rooting space
<u><i>Acer rubrum</i></u> 'HOSR'	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> 'Karpick'	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> "Astis'	Sugar Maple var. 'Steeple'	45 ft tall, 20-25 ft spread	Slow-Mod.; native hybrid	Dec,symmetrical,oval crown,yellow-orange; not for coastal areas	Good heat tolerance; needs adequate rooting space. Shallow roots benefit from mulch.
<u><i>Carpinus betulus</i></u> <u>'Fastigiata'</u>	Pyramidal European Hornbeam	30-40 ft tall, 15-20 ft spread	Asia; cultivar of nursery origin	Dec, upright columnar to oval	Specimen, street tree for narrow areas. No litter problem.
<u><i>Cercis chinensis</i></u> <u>'Avondale'</u>	Avondale Redbud Tree	10-20 ft tall,8-10 ft spread	China; cultivar of garden origin	Dec.,upright, vase to rounded tree; yellow-br	Specimen, residential street tree
<u><i>Cercis reniformis</i></u> <u>'Oklahoma'</u>	Oklahoma Redbud Tree	20-25 ft tall, 15'-20 ft spread	OK; cultivar of garden origin	Dec.,upright, irregular, slightly vase; yellow	Specimen, residential street tree
<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; a tree considered by SCDOT to be under 4 inches caliper 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> 'Winter King'	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> 'Princeton Sentry'	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>Lagerstromei hybrids</i></u>	Hybrid Crape Myrtle	20-30 ft tall, 15-25 ft spread	Cultivar of nursery origin	Dec; upright to vase forms preferred;red	For use under power lines; a tree considered by SCDOT to be under 4 inches caliper at maturity

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<u><i>Nyssa sylvatica</i></u>	Black Gum; Black Tupelo	60-75 ft. tall, 25-35 ft spread	Slow-Mod.; native US	Symmetrical canopy; oval to pyramidal	Fruit litter can be messy in some urban settings
<u><i>Quercus lyrata</i> 'QLFTB'</u>	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;wider spread thanother trees listed
<u><i>Quercus phellos</i> 'QPSTA'</u>	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; variety "Wynstar" 30'-45' wide
<u><i>Quercus phellos</i> 'QPSTJ'</u>	Willow Oak, var. 'Ascendor'	30-60 ft tall, 20-30 ft spread	Mod-Fast; native cultivar of nursery origin	Dec, broad, pyramidal; yellow Fall color	Very dense, somewhat upswept branchinh, dominant leader
<u><i>Quercus phellos</i> 'RT3'</u>	Willow Oak, var. 'Upperton'	50-60 ft tall, 30 ft spread	Fast; native cultivar of nursery origin	Dec, pyramidal when young to upright oval; yellow Fall color	Mediun to fine texture; extremely tough & urban tolerant; thrives in heat;soil tolerant
<u><i>Quercus virginiana</i> 'QVTIA'</u>	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><i>Sabal palmetto</i></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><i>Taxodium distichum</i> 'Mickelson'</u>	Bald Cypress var 'Shawnee Brave'	55-75 ft tall, 18-20 ft spread	Mod.-Fast; native cultivar of nursery origins	Deciduous, narrow, pyramidal form;orange-brown in Fall	spreadly adaptable to urban environments, tolerant of water-logged soil
<u><i>Ulmus parvifolia</i> 'BSNUPF'</u>	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><i>Ulmus parvifolia</i> 'UTMTF'</u>	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><i>Ulmus parvifolia</i> 'Dynasty'</u>	Lacebark Elm var 'Dynasty'	30 ft tall, 20 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><i>Ulmus parvifolia</i> 'Emer II'</u>	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><i>Zelkova serrata</i> 'C Creek 1'</u>	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><i>Zelkova serrata</i> 'Musashino'</u>	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
<u><i>Zelkova serrata</i> 'JFS-KW1' PP 20996</u>	Zelkova var.'City Sprite'	24 ft tall, 18 ft. spread	Fast; Japan, Korea; cultivar of nursery origin	Dec, upright, compact oval to vase-shaped;b. yellow in Fall	Compact, dense, and semi-dwarf, this is the perfect little tree for tight urban spaces. Summer foliage appears brighter green than typical zelkova. short internodes, fine textured foliage and a self pruning growth habit promise a low maintenance tree.

