

CITY OF RICHMOND APPROVED STREET TREE LIST (6/11)

SMALL TREES

Deciduous

Acer campestre - Hedge Maple
Acer davidii - David's Maple
Aesculus carnia - Red Horse Chestnut

Evergreen

Arbutus marina - Strawberry Tree

TREES UNDER WIRES

Deciduous

Acer buergerianum - Trident Maple
Cercis Canadensis - Eastern Redbud
Crataegus phaenopyrum - Washington Hawthorn
Lagerstroemia natchez - Crape Myrtle
Prunus cerasifera krauter vesuvius - Flowering Plum
Ulmus frontier - Frontier Elm

Evergreen

Laurus nobilis Saratoga - Laurel, Sweet Bay
Magnolia grandiflora - St. Mary's Southern Magnolia
Metrosideros excelsa - New Zealand Christmas Tree
Tristania laurina - Water Gum, Swamp Myrtle

MEDIUM TREES

Deciduous

Carpinus betulus - European Hornbeam
Celtis occidentalis - Common Hackberry
Fraxinus oxycarpa - Raywood Ash
Fraxinus velutina - Arizona Ash
Ginko biloba - Autumn Gold Ginkgo
Nyssa sylvatica - Sour Gum, Tupelo
Pistacia chinensis - Chinese Pistache

Evergreen

Tristania conferta - Brisbane Box
Quillaja saponaria quillay - Chilean Soap Bark Tree

LARGE TREES

Deciduous

Quercus shumardii - Shumard Red Oak
Tilia cordate greenspire - Little Leaf Linden
Zelkova serrata - Sawleaf Zelkova

Evergreen

Quercus agrifolia - Coast Live Oak
Quercus suber - Cork Oak

WET LOCATIONS

Deciduous

Acer rubrum - Red Maple
Betula nigra - River Birch

Evergreen

Quercus virginiana - Southern Live Oak

MEDIAN/ISLAND PLANTING

Deciduous

Quercus palustris - Pin Oak

Evergreen

Pinus canariensis - Canary Island Pine
Cedrus deodara - Deodar Cedar
Sequoia sempervirens - Coast Redwood

SMALL TREES

Acer campestre - Hedge Maple

Link:

<http://classes.hortla.wsu.edu/hort231/List04/AcerCam.html>

Habit and Form:

- Height: 25-35'; Width 25-35'
- **Deciduous**
- Very round crown, densely branched
- Adaptive to many soils
- Tolerates urban conditions
- Full sun, partial shade
- Moderate to regular water

Planting requirements: 3' width

Acer davidii - David's Maple

Link: <http://www.esveld.nl/html/daen/a/acdros.php>

Habit and Form:

- Height: 20-35'; Width: 20-35'
- **Deciduous**
- Prefers acidic, moist soils
- Full sun or partial shade
- Moderate to regular water
- May be hard to locate in nursery

Planting requirements: 2-3' width

Aesculus carnia – Red Horsechestnut

Link: http://www.planfor.co.uk/buy_falso-castano-de-flor-roja.1611.0.EN

Location: South side of Richmond Parkway, East of San Pablo – 10 in a row

Habit and Form:

- Height: 30-40'; Width 30'
- **Deciduous**
- Broad-rounded crown
- Full sun
- Moderate to regular water
- Adaptive to many soils

Planting requirements: 4-5' width

Arbutus marina – Strawberry Tree

Link: <http://www.learn2grow.com/plants/arbutus-marina-images/>

Location: NE corner Richmond Parkway & Barrett (red bark, pink flowers, edible strawberries) Also on S side Grant St near 30th.

Habit and Form:

- Height: 25-40'; Width: 20-30'
- **Evergreen**
- Full sun
- Broad-rounded crown
- Growth rate: slow to medium
- Little to regular water
- Provide good drainage

Planting requirements: 2-3' width

TREES UNDER WIRES

Acer buergerianum - Trident Maple

Link: <http://mohsho.image.coocan.jp/acerph17.html>

Habit and Form:

- Height: 20-25'; Width: 20-25'
- **Deciduous**
- Full sun
- Oval to rounded crown
- Prefers moist, slightly acidic soil
- Drought tolerant

Planting requirements: 2-3' width

Cercis canadensis - Eastern Redbud

Link:

http://www.wildflower.org/plants/result.php?id_plant=CECA4

Location: On 31st south of Roosevelt

Habit and Form:

- Height: 20-30'; Width: 25-35'
- **Deciduous**
- Rounded to broad and flat-topped crown
- Full sun to light shade
- Moderate to regular water
- Prefers moist, well-drained soil, but is adaptive to most soils that are not permanently wet

Planting requirements: 2-3' width

Crataegus phaenopyrum - Washington Hawthorn

Link:

<http://www.colostate.edu/Dept/CoopExt/4dmg/Trees/hawthorn.htm>

Location: NW corner of 34th at Clinton

Habit and Form:

Lagerstroemia natchez - Crape Myrtle

Link:

<http://www.tytyga.com/product/Natchez+Crape+Myrtle+Tree+%28White%29>

Location: On the west side of 34th, just south of Garvin

Habit and Form:

<ul style="list-style-type: none"> • Height: 25-30'; Width: 20-25' • Deciduous • Broad, rounded crown • Full sun • Prefers moist, fertile soil <p>Planting requirements: 2-3' width</p>	<ul style="list-style-type: none"> • Height: 30'; Width: 25' • Deciduous • Full sun. Will grow in partial shade though flowering may be reduced • Heavy loam to clay soils • Moderate water • Likes moist well-drained soils, but tolerates dry conditions once established • Other mildew resistant varieties available <p>Planting requirements: 2-3' width</p>
<p>Lauris nobilis saratoga – Laurel, Sweet Bay Link: http://rslandscapedesign.blogspot.com/2010/03/laurus-bay-laurel.html Habit and Form:</p> <ul style="list-style-type: none"> • Height: 20-25'; Width: 20-25' • Evergreen • Growth rate: slow • Compact, pyramidal crown • Full sun to partial shade • Moderate water to minimal • Prefers well-drained soils, but tolerates most soils <p>Planting requirements: 3-4' width</p>	<p>Magnolia grandiflora – St. Mary's Southern Magnolia Link: http://www.ag.auburn.edu/hort/landscape/dbpages/51.html Habit and Form:</p> <ul style="list-style-type: none"> • Height: 18-20'; Width: 20' • Evergreen • Compact bushy pyramidal crown • Full, partial sun • Somewhat drought tolerant • Soil tolerant, prefers rich well-drained soils • Growth rate: slow <p>Planting requirements: 6' width</p>
<p>Metrosideros excelsa - New Zealand Christmas Tree Link: http://www.google.com/search?q=%22Metrosideros+excelsa%22&num=100&hl=en&newwindow=1&client=firefox-a&sa=N&rls=org.mozilla.en-US:official&prmd=ivns&tbm=isch&tbo=u&source=univ&ei=FYXyTZCXEY2usAPxstnXCw&ved=0CDYQsAQ&biw=1280&bih=632 Location: On Clinton at the corner of 39th; Corner of 33rd & Esmond Habit and Form:</p> <ul style="list-style-type: none"> • Height: 30'; Width: spreading as wide as tall • Evergreen • Full, partial sun • Prefers well-drained soil • Moderate water • Tolerates wind, salt spray <p>Planting requirements: 2' width</p>	<p>Prunus cerasifera krauter vesuvius - Flowering Plum Link: http://www.easybloom.com/plantlibrary/plant/cherry-plum-2 Location: 31st between Roosevelt & Garvin Habit and Form:</p> <ul style="list-style-type: none"> • Height 15-28'; Width: Similar spread • Deciduous • Upright, oval crown • Growth rate: moderate to fast • Full sun • Drought tolerant • Prefers well-drained acidic soil <p>Planting requirements: 2-3' width</p>
<p>Tristania laurina - Water Gum, Swamp Myrtle Link: http://www.australianplants.com/plants.aspx?id=1120 Location: West side of 27th between Roosevelt & Grant Habit and Form:</p> <ul style="list-style-type: none"> • Height: 20-30'; Width: 15-20' • Evergreen • Conical, dense crown 	<p>Ulmus frontier - Frontier Elm Link: http://www.coloradotrees.org/treeomonth/2002/feb_02.htm Habit and Form:</p> <ul style="list-style-type: none"> • Height: 25'; Width: 20' • Deciduous • Upright-pyramidal, symmetrical crown • Full sun • Moist, well-drained soil

<ul style="list-style-type: none"> • Growth rate: slow • Drought tolerant once established • Tolerant of many soils, provided there is good drainage <p>Planting requirements: 2' width</p>	<ul style="list-style-type: none"> • Drought tolerant • Tolerant of urban conditions <p>Planting requirements: 4-5' width</p>
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MEDIUM TREES

<p>Carpinus betulus - European Hornbeam Link: http://www.cirrusimage.com/tree_European_hornbeam.htm Location: On 27th by City Hall between Barrett & Nevin Habit and Form:</p> <ul style="list-style-type: none"> • Height: 40-50'; Width: roughly an equal width • Deciduous • Somewhat pyramidal or oval crown when young, mature plants are broad and rounded crown • Drought tolerant • Very soil adaptive; long as the soil is well-drained • Full sun • Tolerant of urban conditions <p>Planting requirements: 3-4' width</p>	<p>Celtis occidentalis - Common Hackberry Link: http://www.colostate.edu/Dept/CoopExt/4dmg/Trees/hackberry.htm Location: Median on Carlson Blvd. between Cutting and Broadway Habit and Form:</p> <ul style="list-style-type: none"> • Height: 40-60'; Width: almost equal spread • Deciduous • Cylindrical shape when mature • Growth rate: fast • Very soil adaptive • Moderate water • Tolerant of urban conditions • Full sun <p>Planting requirements: 5-6' width</p>
<p>Fraxinus oxycarpa - Raywood Ash Link: http://arboresque.wordpress.com/tag/cultivar/ Location: 3 trees planted on the south side of Dunn (before Rheem) at 23rd; West side of 38th at McBryde (both sides) Habit and Form:</p> <ul style="list-style-type: none"> • Height: 40-50'; Width: 25-30' • Deciduous • Upright/erect, oval crown when young, round crown with age • Growth rate: fast • Tolerant of clay, sand, loam, slightly alkaline, well-drained slightly wet soil • Drought tolerant • Full sun <p>Planting requirements: 5' width</p>	<p>Fraxinus velutina - Arizona Ash Link: http://cals.arizona.edu/yuma/plant_index/fraxinus_velutina.htm Location: SE corner of 36th & McBryde Habit and Form:</p> <ul style="list-style-type: none"> • Height: 30-50'; Width: usually 2/3 height • Deciduous • Rounded crown • Growth rate: fast • Moderate water use • Tolerant of clay, sand, loam, alkaline, acidic, occasionally wet, well-drained • Full sun <p>Planting requirements: 5-6' width</p>
<p>Ginkgo biloba – ‘Autumn Gold’ Ginkgo Link: http://www.europeannursery.com/cpg134/displayimage.php?album=77&pos=2 Location: On 30th between Roosevelt & Clinton Habit and Form:</p> <ul style="list-style-type: none"> • Height: 25-50'; Width: 25-35' • Deciduous • Growth rate: medium 	<p>Tristania conferta (Lophostemon confertus) - Brisbane Box Link: http://www.cfgphoto.com/img10732.htm Location: On San Pablo from Barrett to McBryde Habit and Form:</p> <ul style="list-style-type: none"> • Height: 30-45'; Width 25' • Evergreen • Full sun • Drought tolerant

<ul style="list-style-type: none"> • Broad crown with age • Full sun, partial sun or partial shade • Drought tolerant • Tolerant of clay, sand loam, slightly acidic, alkaline, well-drained occasionally wet soil <p>Planting requirements: 6-8' width</p>	<ul style="list-style-type: none"> • Very soil adaptive • Not tolerant of strong steady winds • Adaptable to urban conditions <p>Planting requirements: 2' width</p>
<p>Nyssa sylvatica - Sour Gum, Tupelo Link: http://lh2treeid.blogspot.com/2010/03/nyssa-sylvatica-sour-gum.html Location: On Nevin between by Civic Center Habit and Form:</p> <ul style="list-style-type: none"> • Height: 30-50'; Width 20-30' • Deciduous • Pyramidal in youth maturing to a flat-topped crown • Full sun • Growth rate: slow • Prefers moist, well-drained acidic deep soils • Moderate to regular water use <p>Planting requirements: 5-6' width</p>	<p>Pistacia chinensis - Chinese Pistache Link: http://www.delange.org/ChinesePistache/ChinesePistache.htm Location: SE corner of 37th & Cerrito Habit and Form:</p> <ul style="list-style-type: none"> • Height: 30-60'; Width: Equal spread • Deciduous • Growth rate: slow to moderate • Oval crown • Tolerates wide range of soils, but prefers moist well-drained soil • Drought tolerant • Full sun <p>Planting requirements: 3' width</p>
<p>Quillaja saponaria quillay - Chilean Soap Bark Tree Link: http://www.tradewindsfruit.com/soapbark_tree.htm Habit and Form:</p> <ul style="list-style-type: none"> • Height: 30-45'; Width: half as wide • Evergreen • Growth rate: fast • Regular water • Acidic to alkaline soils • Full sun <p>Planting requirements: 4' width</p>	

LARGE TREES

<p>Quercus agrifolia - Coast Live Oak Link: http://en.wikipedia.org/wiki/Quercus_agrifolia Habit and Form:</p> <ul style="list-style-type: none"> • Height: 70' or more; Width: Crown spread often exceeds its height • Evergreen • Growth rate: slow • Drought tolerant • Clay, loam or sandy soil • Full sun <p>Planting requirements: 5' width</p>	<p>Quercus shumardii - Shumard Red Oak Link: http://www.floridata.com/ref/q/quer_shu.cfm Habit and Form:</p> <ul style="list-style-type: none"> • Height: 60-80'; Width: 40-50' • Deciduous • Pyramidal crown when young; rounded, oval-rounded crown when mature • Prefers moist, well-drained soil • Drought tolerant • Urban tolerant • Growth rate: fast for an Oak • Full sun <p>Planting requirements: 6' width</p>
<p>Quercus suber - Cork Oak Link: http://bss.lacity.org/UrbanForestryDivision/StreetTree</p>	<p>Tilia cordate greenspire - Little Leaf Linden Link: http://www.islandscaping.com/index.php?m=view&file=plan</p>

<p>/QuercusSuber.htm Location: Nichol Park on path by tennis courts Habit and Form:</p> <ul style="list-style-type: none"> • Height: 30-60'; Width: equal spread • Evergreen • Growth rate: moderate • Prefers loam to clay soil, needs good drainage • Drought tolerant • Full sun <p>Planting requirements: 4-6' width</p>	<p>tdetails&iPlantId=215&iCategoryId=76 Location: East side of 24th St. between Barrett & Nevin Habit and Form:</p> <ul style="list-style-type: none"> • Height: 40-50'; Width: 30-35' • Deciduous • Pyramidal or conical shape in youth, oval crown with age • Exceptional tolerance for difficult conditions • Prefers moist, deep, well-drained soil • Urban tolerant • Full sun to light shade <p>Planting requirements: 4' width</p>
<p>Zelkova serrata - Sawleaf Zelkova Link: http://www.hort.uconn.edu/plants/z/zelser/zelser1.html Habit and Form:</p> <ul style="list-style-type: none"> • Height: 50-70'; Width: Equally wide • Deciduous • Rounded and broad crown when mature, young tree more or less vase-shaped • Full sun • Takes wide range of soils but prefers moist, deep, well-drained fertile soil • Relatively drought and pollution tolerant once established <p>Planting requirements: 6' width</p>	

WET LOCATIONS

<p>Acer rubrum - Red Maple Link: http://www.hortmag.com/plants/redmaple Location: On Macdonald from 16th St. BART to Harbour Way Habit and Form:</p> <ul style="list-style-type: none"> • Height: 40-70'; Width 25-45' • Deciduous • Full sun • Pyramidal or elliptical crown when young • More spreading with age, eventually developing a more or less rounded or oval crown • Growth rate: fast • Prefers moist, acidic soil, but tolerates most soils <p>Planting requirements: 4-6' width</p>	<p>Betula nigra - River Birch Link: http://www.clemson.edu/extension/hgic/plants/landscape/trees/hgic1005.html Location: Crescent Park on Carlson Blvd south of Bayview near the library Habit and Form:</p> <ul style="list-style-type: none"> • Height: 50-70'; Width 40-50' • Deciduous • Oval or pyramidal crown when young, rounded to irregular crown with age • Growth rate: medium to fast • Does well in moist soils • Adaptive to many soils • Regular water • Full sun <p>Planting requirements: 6' width</p>
<p>Quercus virginiana - Southern Live Oak Link: http://www.delange.org/LiveOak/LiveOak.htm Location: Habit and Form: Richmond Public Library on Macdonald between Civic Center and Senior Center; EBMUD</p>	

<ul style="list-style-type: none"> • Height: 40-60'; Width: Equal spread • Evergreen • Round, broad crown • Best in deep, uniform soil • Supplemental water • Full sun, light shade when young <p>Planting requirements: 6-8' width</p>	
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ADDITIONAL TREES APPROVED FOR MEDIAN/ISLAND PLANTING

<p>Pinus canariensis - Canary Island Pine Link: http://ag.arizona.edu/pima/gardening/aridplants/Pinus_canariensis.html Location: Booker T Anderson Park by community center at Carlson and S 47th Habit and Form:</p> <ul style="list-style-type: none"> • Height: 50-80'; Width: 30' • Evergreen • Narrow columnar tree, weeping needles • Best in uniform soil, with good drainage • Rapid growth with supplemental water • Full sun, reflected heat <p>Planting requirements: 4' width</p>	<p>Sequoia sempervirens - Coast Redwood Link: http://www.netstate.com/states/symb/trees/ca_redwood.htm Habit and Form:</p> <ul style="list-style-type: none"> • Height: 70-90'; Width: 30' or more • Evergreen • Full sun, partial shade when young • Deep moist soils • Regular water • Typically forms a symmetrical pyramid form <p>Planting requirements: 12' width</p>
<p>Cedrus deodara - Deodar Cedar Link: http://www.gardensandplants.com/uk/plant.aspx?plant_id=274 Location: Nichol Park behind tennis courts Habit and Form:</p> <ul style="list-style-type: none"> • Height: 80'; Width: 50' • Evergreen • Pyramidal form • Neutral to alkaline soil, prefers deep well-drained soils • Moderate water, drought tolerant once established • Full sun <p>Planting requirements: 10' width</p>	<p>Quercus palustris - Pin Oak Link: http://www.uwgb.edu/biodiversity/herbarium/trees/quepal01.htm Habit and Form:</p> <ul style="list-style-type: none"> • Height: 50'; Width: 30' • Deciduous • Pyramidal in youth, oval crown when older • Prefers moist, fertile, acidic, well-drained soils • Growth rate: fast for an Oak • Regular water • Full sun <p>Planting requirements: 6-8' width</p>