

LAND USE

142 Attachment 3

Township of Robbinsville

APPENDIX C
Trees and Plants

Shade Trees for Street Planting

Species		Mature Height	Recommended Street Use by Street Type	Value as a Street Tree	Comments
Botanical Name	Common Name	Tall (more than 40 feet) Medium (30 feet – 40 feet) Small (less than 30 feet)	Minor residential (includes residential access and subcollector) Residential collector Commercial collector		
Acer saccharum Temple's Upright	Temple's Upright Sugar Maple	Tall	Commercial collector	Moderate	Columnar, urban intolerant
Aesculus carnea 'Brioti'	Ruby Horsechestnut	Medium	Residential collector	Moderate	Globe-shaped, red flowers, urban tolerant
Aesculus hippocastanum 'Baumanni'	Double Flowering Horsechestnut	Tall	Commercial collector	Moderate	Narrow conical shape, double white flowers, urban tolerant
Carpinus betulus	European Hornbeam	Small	Minor residential	Moderate	Broad oval shape, urban tolerant
Carpinus betulus 'Fastigiata'	Pyramidal European Hornbeam	Medium	Minor residential	Moderate	Fastigate shape, urban tolerant
Carpinus caroliniana	American Hornbeam	Small	Minor residential	Moderate	Spreading shape, difficult to transplant
Carpinus japonica	Japanese Hornbeam	Tall	Minor residential	Moderate	Broad oval shape, slow grower
Celtis occidentalis	Common Hackberry	Tall	Commercial collector	Moderate	Globe-shaped, wet site, dry site, urban tolerant
Cercidiphyllum japonicum	Katsura Tree	Tall	Commercial collector	Moderate	Vase-shaped, drought intolerant
Cladrastis lutea	Yellowwood	Medium	Residential collector	Moderate	Globe-shaped, white flowers in early summer
Cornus florida	Flowering Dogwood	Small	Minor residential	Excellent	Spreading shape, year-round beauty, spray for borers

ROBBINSVILLE CODE

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Botanical Name	Common Name	Tall (more than 40 feet) Medium (30 feet – 40 feet) Small (less than 30 feet)	Minor residential (includes residential access and subcollector) Residential collector Commercial collector		
Cornus florida 'Rubra'	Pink Flowering Dogwood	Small	Minor residential	Excellent	Spreading shape, year-round beauty, spray for borers
Fraxinus americana	White Ash	Tall	Commercial collector	Excellent	Globe-shaped, urban tolerant, spray for borers
Fraxinus ornus	Flowering Ash	Tall	Residential collector	Excellent	Broad oval shape, white flowers, spray for borers
Fraxinus pennsylvanica lanceolata	Green Ash	Tall	Commercial collector	Excellent	Spreading, wet site, urban tolerant, spray for borers
F.p. lanceolata 'Marshall's Seedless'	Marshall's Seedless Green Ash	Tall	Commercial collector	Excellent	Narrow conical, wet site, urban tolerant, spray for borers
Gingko biloba	Gingko	Tall	Commercial collector	Moderate	Spreading, urban tolerant, avoid female
Gingko biloba 'Sentry'	Sentry Gingko	Tall	Residential collector	Moderate	Fastigate shape, urban tolerant
Gleditsia triacanthos inermis 'Shademaster'	Shademaster Thornless Honeylocust	Tall	Commercial collector	Moderate	Broad oval shape, mimosa webworm problem, urban tolerant
Gleditsia triacanthos inermis 'Skyline'	Skyline Thornless Honeylocust	Tall	Commercial collector	Moderate	Narrow conical shape, mimosa webworm problem, urban tolerant
Gymnocladus dioicus	Kentucky Coffeetree	Tall	Commercial collector	Moderate	Broad oval shape, urban tolerant
Koelreuteria paniculata	Golden Raintree	Medium	Commercial collector	Moderate	Globe-shaped, yellow flowers, weak-wooded
Liquidambar styraciflua	American Sweet Gum	Tall	Residential collector	Moderate	Broad oval shape, good fall color, wet site tolerant
Magnolia loebneri 'Merrill'	Dr. Merrill Magnolia	Small	Minor residential	Moderate	Broad oval shape, white flowers, urban tolerant
Magnolia salicifolia	Anise Magnolia	Medium	Residential collector	Excellent	Narrow conical shape, white flowers
Malus baccata	Manchurian Crabapple	Medium	Residential collector	Excellent	Broad oval shape, white

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					flowers, urban tolerant
Malus arnoldiana	Arnold Crabapple	Small	Minor residential	Excellent	Broad oval shape, pink buds, white flowers, urban tolerant
Malus 'Hopa'	Hopa Red – Flowering Crabapple	Small	Minor residential, residential collector	Excellent	Broad oval shape, red flowers, urban tolerant
Malus Katherine	Katherine Crabapple	Small	Minor residential	Excellent	Broad oval shape, profuse flowers and fruit
Malus 'Scheideckeri'	Scheidecker Crabapple	Small	Residential collector	Excellent	Broad oval shape, urban tolerant, pink flowers
Malus zumi 'Calocarpa'	Zumi Crabapple	Small	Minor residential, residential collector	Excellent	Narrow conical shape, urban tolerance, good ornamental fruit
Nyssa sylvatica	Sour Gum	Medium	Commercial collector	Moderate	Spreading shape, wet site tolerant
Ostrya virginiana	American Hophornbeam	Medium	Residential collector	Moderate	Rounded shape, dry site tolerant, intolerant of road salts
Oxydendrum arboreum	Sorrel Tree	Small	Minor residential, residential collector	Poor	Pyramidal, red fall color
Phellodendron amurense	Amur corktree	Medium	Commercial collector	Excellent	Vase-shaped, urban tolerant, dry site tolerant
Platanus acerifolia	London Planetree	Tall	Commercial collector	Moderate	Spreading shape, urban tolerant
Platanus occidentalis	American Sycamore	Tall	Commercial collector	Poor	Spreading shape, wet site tolerant, subject to twig blight
Prunus avium 'plena'	Mazzard Cherry	Medium	Residential collector	Poor	Broad oval shape, glistening fragrant flowers
Prunus cerasifera 'Thundercloud'	Thundercloud Purple-leafed Plum	Small	Minor residential	Poor	Globe-shaped, purple foliage
Prunus sargentii	Sargent Cherry	Medium	Residential collector	Poor	Broad oval, dense shade, pink flowers, good fall color
Prunus sargentii 'Rancho'	Rancho Columnar Sargent Cherry	Medium	Residential collector	Excellent	Columnar, pink flowers

ROBBINSVILLE CODE

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Prunus serrulata 'Amanogawa'	Amanogawa Cherry	Small	Minor residential	Moderate	Fastigiate shape, fragrant, double light pink flowers
Prunus serrulata 'Kwanzan'	Kwanzan Cherry	Small	Minor residential	Excellent	Vase-shaped, hardy, double pink flowers
Prunus serrulata 'Shirofugen'	Shirofugen Cherry	Small	Minor residential	Moderate	Spreading shape, pink flowers turning white
Prunus subhirtella	Higan Cherry	Medium	Residential collector	Moderate	Globe-shaped, cloud of pink flowers
Prunus subhirtella 'Autumnales'	Autumn Flowering Higan Cherry	Small	Minor residential	Moderate	Spreading shape, pink flowers in autumn
Prunus yedoensis	Yoshino Cherry	Medium	Residential collector	Moderate	Spreading shape, white flowers
Pyrus calleryana 'Bradford'	Bradford Callery Pear	Medium	Residential and commercial collector	Excellent	Broad oval shape, urban tolerant, white flowers, red fall color
Quercus coccinea	Scarlet Oak	Tall	Residential collector	Moderate	Spreading shape, difficult to transplant, dry site tolerant
Quercus palustris	Pin Oak	Tall	Residential collector	Moderate	Narrow conical, wet site tolerant, lower branches are a problem
Quercus phellos	Willow Oak	Tall	Minor residential, residential collector	Moderate	Broad oval shape, wet site tolerant, fine texture
Quercus rubra	Red Oak	Tall	Commercial and residential collector	Excellent	Spreading shape, urban tolerant
Sophora japonica	Japanese Scholar – tree	Tall	Residential collector	Moderate	Oval shape, urban tolerant, dry site tolerant
Sophora japonica 'Regent'	Regent Scholar – tree	Tall	Residential collector	Moderate	Oval shape, urban tolerant, dry site tolerant
Sorbus alnifolia	Korean Mountainash	Tall	Residential collector	Moderate	Globe-shaped, susceptible to borers
Sorbus aucuparia	European Mountainash	Small	Minor residential access, subcollectors	Poor	Globe-shaped, susceptible to many pests
Syringa amurensis	Japanese Tree Lilac	Small	Minor residential Access, Subcollectors	Moderate	Spreading shape, creamy

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'Japonica'					white flowers in June
Tilia cordata	Little Leaf Linden	Medium	Residential collector	Excellent	Upright oval, urban tolerant
Tilia cordata 'Greenspire'	Greenspire Little Leaf Linden	Medium	Residential collector	Excellent	Columnar, urban tolerant
Tilia tomentosa	Silver Linden	Tall	Residential and Commercial collector	Moderate	Upright oval shape, urban tolerant, dry site tolerant
Zelkova serrata	Japanese Zelkova	Tall	Residential and Commercial collector	Moderate	Vase-shaped, resembles elm, dry site tolerant
Zelkova serrata 'Village Green'	Village Green Zelkova	Tall	Residential and Commercial collector	Excellent	Vase-shaped, resembles elm, dry site tolerant
Acer campestre	Hedge Maple	Small	Minor residential	Moderate	Globe-shape, urban tolerant
Acer platanoides	Norway Maple	Tall	Residential collector	Moderate	Upright oval shape, urban tolerant
Acer platanoides 'Cleveland'	Cleveland Norway Maple	Tall	Commercial collector	Poor	Broad oval shape, urban tolerant, good for narrow places
Acer platanoides 'Columnar'	Columnar Norway Maple	Tall	Minor residential	Moderate	Columnar, urban tolerant, good for narrow places
Acer platanoides 'Crimson King'	Crimson King Norway Maple	Medium	Residential collector	Excellent	Globe shaped, urban tolerant, maroon leaf color
Acer platanoides 'Erectum'	Mount Hope Norway Maple	Medium	Minor residential	Excellent	Conical shape, urban tolerant
Acer platanoides 'Globosum'	Globe Norway Maple	Small	Minor residential	Moderate	Globe-shape, urban tolerant
Acer platanoides 'Summer Shade'	Summershade Norway Maple	Tall	Commercial collector	Excellent	Narrow, conical shape, urban tolerant
Acer pseudoplatanus	Sycamore Maple	Tall	Commercial collector	Moderate	Broad oval shape, seashore tolerant
Acer pseudoplatanus 'Pyramidale'	Upright Sycamore Maple	Medium	Residential collector	Moderate	Columnar, seashore tolerant, good for narrow places
Acer rubrum	Red Maple	Tall	Commercial collector	Excellent	Globe-shaped, wet site tolerant, invasive roots

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Acer rubrum 'Columnare'	Columnar Red Maple	Tall	Residential collector	Moderate	Columnar, wet site tolerant, invasive roots
Acer rubrum 'October Glory'	October Glory Red Maple	Tall	Residential collector	Excellent	Broad oval shape, wet site tolerant, good fall color
Acer rubrum 'Scanlon'	Scanlon Red Maple	Medium	Residential collector	Excellent	Columnar, wet site tolerant, urban intolerant
Acer saccharinum 'Pyramidale'	Upright Silver Maple	Tall	Residential collector	Poor	Columnar, weak wooded, invasive roots
Acer saccharum	Sugar Maple	Tall	Commercial collector	Excellent	Broad oval shape, urban intolerant
Acer saccharum 'Columnare'	Columnar Sugar Maple	Tall	Residential collector	Excellent	Columnar, urban intolerant
Acer saccharum 'Green Mountain'	Green Mountain Sugar Maple	Tall	Commercial collector	Excellent	Broad oval shape, urban intolerant