



**Motion #2019-1**

**UDO Test Changes**

Additions are in **blue** and deletions are in ~~strikethrough-blue~~

**Chapter 6:**

**155.606.14. Approved Tree and Shrub List**

**1. LARGE MATURING DECIDUOUS TREES**

Recommended for use specifically in the Special Highway Overlay District			
Recommended for all other landscaping applications			
	Common Name	Botanical Name	Mature Height (feet)
◆◆	Ash, Green*	<i>Fraxinus pennsylvanica</i>	50-60
◆◆	Ash, White	<i>Fraxinus Americana</i>	50-80
◆	Baldcypress	<i>Taxodium distichum</i>	50-70
◆	Basswood	<i>Tilia americana</i>	60-75
◆◆	Beech, American	<i>Fagus grandifolia</i>	40-60
◆◆	Birch, Black	<i>Betula lenta</i>	50-60
◆◆	Birch, River	<i>Betula nigra</i>	40-60
◆◆	Black Gum*	<i>Nyssa sylvatica</i>	30-50
◆	Sweet Gum	<i>Nyssa sylvatica</i>	20-50
◆	Black Walnut	<i>Juglans nigra</i>	20-50
◆	Cherry, Japanese	<i>Prunus subhirtella</i>	20-50
◆	<b>Chinese Elm &amp; B Hybrids</b>	<b><i>Ulmus parvifolia</i></b>	<b>30-60</b>
◆	<b>Chinese Pistache</b>	<b><i>Pistachia chinensis</i></b>	<b>25-35</b>
◆	Hackberry, Weeping	<i>Celtis occidentalis</i>	40-60
◆	Hackberry, Common	<i>Celtis laevigata</i>	60-70
◆	Hickory	<i>Carya spp.</i>	50-80
◆◆	<b>Hornbeam, American hop</b>	<b><i>Ostrya virginiana</i></b>	<b>25-40</b>
◆	Sugar Ginkgo	<i>Ginkgo biloba</i>	50-80
◆	Katsura Tree	<i>Cercidiphyllum japonicum</i>	40-60
◆◆	Maple, Red*	<i>Acer rubrum</i>	40-60
◆◆	Maple, Sugar*	<i>Acer saccharum</i>	60-75
◆◆	<b>Oak, Black</b>	<b><i>Quercus velutina</i></b>	<b>60-80</b>
◆◆	Oak, Chestnut	<i>Quercus prinus</i>	60-70
◆◆	Oak, Laurel	<i>Quercus hemisphaerica (laurifolia)</i>	40-60
◆◆	Oak, Northern Red	<i>Quercus rubra</i>	50-60
◆◆	Oak, Pin	<i>Quercus palustris</i>	60-70
◆◆	<b>Oak, Post</b>	<b><i>Quercus stellate</i></b>	<b>30-50</b>
◆◆	Oak, Sawtooth	<i>Quercus Acutissima</i>	40-60
◆◆	<b>Oak, Scarlet</b>	<b><i>Quercus coccinea</i></b>	<b>65-100</b>
◆◆	Oak, Shumard	<i>Quercus shumardii</i>	40-60
◆◆	Oak, Southern Red	<i>Quercus falcate</i>	70-80
◆◆	<b>Oak, Swamp Chestnut</b>	<b><i>Quercus michauxii</i></b>	<b>60-100</b>
◆◆	Oak, Water	<i>Quercus nigra</i>	50-80

◆ ◆	Oak, White	<i>Quercus alba</i>	50-80
◆ ◆	Oak, Willow	<i>Quercus phellos</i>	70-90
◆	Pagoda Tree, Japanese*	<i>Sophora japonica</i>	50-60
◆	Pecan	<i>Carya illinoensis</i>	40-60
◆	Persimmon	<i>Diospyrus virginiana</i>	40-60
◆	Sour Wood	<i>Oxydendron arboreum</i>	40-60
◆	Southern Catalpa	<i>Catalpa bignoniodes</i>	75-100
◆ ◆	Sycamore	<i>Platanus occidentalis</i>	75-100
◆ ◆	Tulip Poplar	<i>Liriodendron Tulipifera</i>	70-90
◆	White Willow	<i>Salix alba</i>	75-90
◆	Yellow Wood	<i>Cladrastis kentuckea</i>	30-50
◆	Zelkova, Japanese*	<i>Zelkova serrata</i>	50-80

\* Many varieties available

## 2. SMALL MATURING DECIDUOUS TREES

Recommended for use specifically in the Special Highway Overlay District			
Recommended for all other landscaping applications			
	Common Name	Botanical Name	Mature Height (feet)
◆ ◆	Alder, Tag	<i>Ainus serrulata</i>	20-30
◆	Althea*	<i>Hibiscus syriacus</i>	8-12
◆	American Hazelnut	<i>Corylus Americana</i>	10-15
◆	Birch, River	<i>Betula nigra</i>	20-30
◆	Buckeye, Red	<i>Aesculus pavia</i>	10-20
◆	Chanticleer Pear**	<i>Pyrus calleryana</i>	20-30
◆	Chaste Tree	<i>Vitex negundo</i>	15-20
◆ ◆	Cherry, Japanese*	<i>Prunus serrulata</i>	15-25
◆ ◆	Cherry, Yoshino	<i>Prunus X yedoensis</i>	20-25
◆ ◆	Cherry, Laurel	<i>Prunus Caroliniana</i>	15-25
◆	Crabapple, Flowering*	<i>Malus sp.</i>	7-25
◆	Crepe Myrtle*	<i>Lagerstroemia sp.</i>	15-25
◆	Devil's Walking Stick	<i>Aralla spinosa</i>	10-20
◆ ◆	Dogwood, Flowering*	<i>Cornus florida</i>	15-30
◆	Dogwood, Kousa	<i>Cornus kousa</i>	10-15
◆	Dogwood, Redosier	<i>Cornus stolonifera</i>	15-30
◆	Eastern Serviceberry	<i>Amelanchier canadensis</i>	5-20
◆	Elm, Winged	<i>Ulmus alata</i>	20-30
◆	Goldenrain Tree*	<i>Koelreuteria paniculata</i>	20-30
◆ ◆	Hawthorn*	<i>Crategus</i>	15-30
◆	Holly, American	<del>Hex</del> <i>Ilex opaca</i>	20-30
◆	Holly, Possumhaw	<i>Ilex decidua</i>	20-30
◆	Ironwood	<i>Carpinus caroliniana</i>	20-30
◆	Hornbeam	<i>Carpinus betulus</i>	20-30

◆	Magnolia, Saucer	<i>Magnolia soulangiana</i>	20-30
◆	Magnolia, Sweetbay*	<i>M. Virginia</i>	10-20
◆	Magnolia, Star*	<i>M. Stellata</i>	15-20
◆	Maple, Amur	<i>Acer ginnala</i>	15-20
◆	Maple, Chalk	<i>Acer leucoderme</i>	25-30
◆	Maple, Hedge	<i>Acer Campestre</i>	15-25
◆	Maple, Japanese*	<i>Acer Palmatum</i>	15-25
◆	Myrtle, Wax	<i>Myrica cerifera</i>	10-15
◆	Paw Paw	<i>Asimina triloba</i>	20-30
◆ ◆	Redbud, Eastern*	<i>Cercis Canadensis</i>	20-30
◆	Sassafras	<i>Sassafras albidum</i>	20-30
◆ ◆	Serviceberry	<i>Amelanchier sp.</i>	10-20
◆	Silverbell, Carolina	<i>Halesia carolina</i>	20-30
◆	Snowbell*	<i>Americanus</i>	8-15
◆	Sparkleberry	<i>Vaccinium arboretum</i>	5-20
◆	White Fringetree	<i>Chionanthus virginicus</i>	12-20

\* Many varieties available

\*\*Recommended as substitute for Bradford or Aristocrat Pears. Many native plant materials are not mentioned in this list. On certain sites, they offer a great deal of benefit and suitability to the landscape. In this regard, the Town will entertain specific recommendations.

### 3. EVERGREEN TREES

Recommended for use specifically in the Special Highway Overlay District			
Recommended for all other landscaping applications			
	Common Name	Botanical Name	Mature Height (feet)
◆ ◆	Eastern Red Cedar	<i>Tsuga caroliniana</i>	20-30
◆	Hemlock, Carolina	<i>Juniperus virginiana</i>	20-30
◆	Holly, American*	<i>Ilex opaca*</i>	20-40
◆	Holly, Chinese (Tree Form)	<i>Ilex cornuta*</i>	8-15
◆	Holly, Foster	<i>Ilex x attenuate</i>	20-30
◆	Holly, Hume	<i>Ilex x attenuate</i>	25-35
◆	Holly, Nellie R Stevens	<i>Ilex x Nellie R Stevens</i>	15-25
◆	Holly, Yaupon*	<i>Ilex vomitoria</i>	15-20
◆	Holly, Savannah*	<i>Ilex x attenuate</i>	25-30
◆ ◆	Magnolia, Southern*	<i>Magnolia grandiflora</i>	60-80
◆ ◆	Pine, Loblolly	<i>Pinus taeda</i>	60-90
◆ ◆	Pine, Shortleaf	<i>Pinus echinata</i>	80-100
◆	Pine, Virginia	<i>Pinus virginiana</i>	40-60
◆	Spruce, Norway	<i>Picea abies</i>	40-60
◆	Ti-ti or Leatherwood	<i>Cyrilla racemiflora</i>	8-25

\* Many varieties available

#### 4. LOW MAINTENANCE SHRUBS

Recommended for use specifically in the Special Highway Overlay District			
Recommended for all other landscaping applications			
	Common Name	Botanical Name	Mature Height (feet)
◆	Abelias++	<i>Abelia grandiflora</i>	6
◆	Azalea, Pinxter	<i>Rhododendron periclymenoides</i>	7
◆	Azalea, Swamp	<i>Rhododendron viscosum</i>	15
◆	Azalea, Sweet	<i>Rhododendron arborescens</i>	20
◆	Beautyberry, American	<i>Callicarpa americana</i>	8
◆	Blueberry, Highbush	<i>Vaccinium corymbosum</i>	10
◆	Blackberry (various)++	<i>Rubus spp.</i>	6
◆	Camelia Sasanquas++	<i>Camelia sasaqua</i>	6
◆	Carolina Rose+++	<i>Rosa carolina</i>	6
◆	Chokeberry, Red	<i>Aronia arbutifolia</i>	10
◆	Common Buttonbush	<i>Cephalanthus occidentalis</i>	8
◆	Hearts-a-bustin	<i>Euonymus americanus</i>	12
◆	<del>Elaeagnus (various)++</del>	<del><i>Elaeagnus spp.</i></del>	<del>8</del>
◆	<del>Buford Holly++</del> Holly, Buford++	<del><i>Ilex cornuta</i></del>	<del>8</del>
◆	Holly, Inkberry++	<i>Ilex glabra</i>	12
◆	Holly, Winterberry	<i>Ilex verticillata</i>	15
◆	<del>Ligustrum ++</del>	<del><i>Ligustrum japonicum</i></del>	<del>6</del>
◆	Loropetalum++	<i>Loropetalum chinensis</i>	6
◆	Otto Luykun Laurel++	<i>Prunus laurocerasus</i>	5
◆	<del>Privet ++</del>	<del><i>Ligustrum spp.</i></del>	<del>8</del>
◆	Spicebush	<i>Lindera benzoin</i>	16
◆	Sweet-pepperbush	<i>Clethra alnifolia</i>	9
◆	Sweetspire, Virginia+++	<i>Itea virginica</i>	6
◆	Upright Juniper++	<i>Juniperus chinensis</i>	6
◆	Viburnum (various)++	<i>Viburnum spp.</i>	8
◆	Viburnum, Arrowwood	<i>Viburnum dentatum</i>	8
◆	Viburnum, Blackhaw	<i>Viburnum prunifolium</i>	15
◆	Viburnum, Mapleleaf	<i>Viburnum acerifolium</i>	6
◆	Wax Myrtle++	<i>Morella (Myrica) cerifera</i>	12

++ Evergreen

+++ Semi-Evergreen

## 5. GROUNDCOVER & VINES

Recommended for use specifically in the Special Highway Overlay District			
Recommended for all other landscaping applications			
	Common Name	Botanical Name	Winter Leaves
◆	Coral Honeysuckle	Lonicera sempervirens	Evergreen/deciduous
◆	Virginia Creeper	Parthenocissus quinquefolia	Deciduous
◆	Grape (various)	Vitix spp.	Deciduous
◆	Green Brier (various)	Smilax spp.	Deciduous
◆	Clematis (various)	Clematis spp.	Deciduous
◆	Winter Jasmine	Jasminum nudiflorum	Deciduous
◆	Crossvine	<i>Bignonia capreolata</i>	Evergreen/Deciduous
◆	Carolina Jessamine	Gelsemium sempervirens	Evergreen
◆	Passionflower	Passiflora incarnate	Deciduous

*(These varieties to be retained in required screens.)*